

COPD State BriefCalifornia



Approximately 5% of adults or 12.5 million Americans are living with COPD¹. COPD is a leading cause of morbidity and mortality, resulting in 536,000 hospitalizations² and 139,000 deaths³. COPD treatment costs an estimated \$50 billion annually⁴.

COPD by the Numbers in California	
Adults diagnosed with COPD 5	1,413,761
COPD prevalence 5	4.6%
COPD mortality ³	11,210
Annual cost of COPD treatment 4	\$2.4 Billion
Workdays lost to COPD 4	2,128,980
Medicare hospitalizations ²	11,505

Who is most likely to have worse outcomes and barriers to treatment?

- People living in rural communities.
- · People with lower income levels.
- People with lower educational levels.

2023

American Lung Association Indicator Reports

State of the Air 6: Los Angeles County, CA received an **"F"** for high ozone days.

State of Tobacco Control⁷: scored a **"B"** in access to cessation services.

State of Lung Cancer 8: 1.0% of high risk adults were screened for lung cancer.

Compared to adults without COPD, those diagnosed with COPD in California reported 5:

Indicator	COPD	Comparison	No COPD
Having less than a high school education	20.8%	*	15.6%
Earning less than \$15,000 in household income	20.9%	-	14.2%
Currently smoking	26.2%	-	8.0%
Receiving a flu vaccination	54.9%	100	42.9%
Receiving a pneumococcal vaccination	54.1%	nin .	28.3%
Average number of bad mental health days in the last month	14.5	-	10.8



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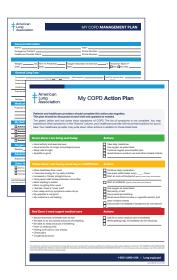
Five Opportunities to Address COPD in California

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- Use a validated COPD screening tool for people who may be at risk of COPD or reporting symptoms.
- 2
- Confirm a COPD diagnosis using spirometry, especially in primary care.
- 3
- Use evidence-based tobacco prevention and cessation services.
- 4

Promote recommended vaccinations.



Recommend pulmonary rehabilitation, COPD education and a COPD Action Plan.



Learn how at Lung.org/HCP-COPD.



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- 1. Centers for Disease Control and Prevention. National Center for Health Statistics. National Health Interview Survey, 2020. Analysis performed by the American Lung Association Epidemiology and Statistics Unit using SPSS software.
- 2. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. Chronic Disease Indicators (CDI) Data [online]. [accessed Jul 17, 2023].
- 3. Centers for Disease Control and Prevention. National Center for Health Statistics. CDC WONDER On-line Database, compiled from Multiple Cause of Death Files, 1999-2021.
- 4. Ford, Earl & Murphy, Louise & Khavjou, Olga & Giles, Wayne & Holt, James & Croft, Janet. (2014). Total and State-Specific Medical and Absenteeism Costs of COPD Among Adults Aged ≥ 18 Years in the United States for 2010 and Projections Through 2020. Chest. 147. 10.1378/ chest.14-0972.
- 5. Centers for Disease Control and Prevention. Behavioral Risk Factor Surveillance System 2021, raw data analyzed by the American Lung Association Epidemiology and Statistics Unit.
- 6. American Lung Association. State of the Air 2023.
- 7. American Lung Association. State of Tobacco Control 2023.
- 8. American Lung Association. State of Lung Cancer 2022.