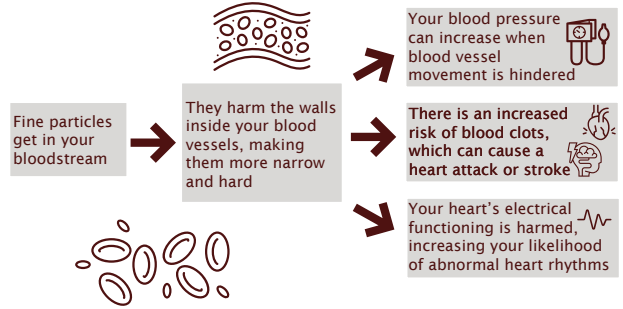


Correlation between Air Pollution and Heart Disease in California

Average number of days with air pollution that is unhealthy for sensitive groups and heart disease death rates by county from 2017 to 2019

Air pollution causes 25% of deaths from heart disease!

Effects of Air Pollution on Your Heart



If you have a pre-existing heart condition, being exposed to air pollution for even a moment can increase your chances of having a heart attack or stroke.

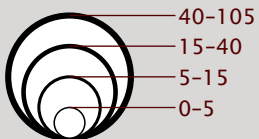
The Air Quality Index (AQI) is a numerical measurement of air pollution. As the number increases, the air quality decreases. An AQI of 101-150 is unhealthy for sensitive groups, meaning people with pre-existing health conditions are more likely to be affected.

The top 6 counties with the worst air quality in the country are all in California. There are 4 main sources of air pollution in California: transportation, wildfires, energy sources, and heatwaves that generate ozone.



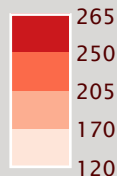
The city of Bakersfield in Kern County has been ranked as the most polluted city in the country for years. Bakersfield is a top oil producer in California, and the surrounding mountains trap the pollution in the city.

Number of Days Unhealthy for Sensitive Groups



× No Data

Deaths Per 100,000 People



75 Miles

Paris Thompson 12/12/23
 Data Sources: KGET, IQAir, American Heart Association, World Heart Foundation, AirNow, The Guardian, Earth.Org, EPA, CDC, Lab #1 Materials
 Datum: D North American 1983
 Projection: USA Contiguous Albers Equal Area Conic
 Geographic Coordinate System: NAD 1983
 Central Meridian: 119.46°W
 Standard Parallels: 35.7 & 38.96°N