

**Rank Among U.S. Cities for Unhealthy Air**

Metro Area	Ozone Rank	Particle Rank
Bakersfield	2	1
Visalia	3	2
Fresno	4	3
Modesto	7	5

**Regional Grades and Unhealthy Air Days**

County	Ozone Days <sup>†</sup>	Ozone Grade	Particle Days <sup>†</sup>	Particle Grade
Fresno	92.7	F	30.2	F
Kern	103.3	F	40.5	F
Kings	44.7	F	32.8	F
Madera	43.5	F	17.5	F
Merced	33.2	F	14.5	F
San Joaquin	18.8	F	14.5	F
Stanislaus	32.5	F	19.0	F
Tulare	96.8	F	9.5	F

<sup>†</sup> Number of Days reported equals the weighted annual average of unhealthy ozone or particle days recorded over the three-year period of 2014 - 2016. An annual average of 3.3 or more unhealthy days earns an "F" grade.



***"We both have lung disease and we're fighting for clean air together!"***

*There's no cure for our rare lung diseases, but we live and fight every day for a better and safer world.*

*We became fast friends at our local gym, I love karate and Cynthia loves Zumba. On days when the air quality is poor, our reduced lung function can be extremely limiting.*

*We love to serve our community, go to concerts, and of course, exercise. All of that must be put on hold on bad days due to air pollution. We need to fight for clean air so that all of us can live full lives.*

- KIM DAVIS AND CYNTHIA AJIOKA, VISALIA, CA

**Healthy Air Goals**

**Key actions needed for clean air**

- Protect the Federal Clean Air Act and California authority to regulate vehicle emissions.
- Clean up refineries, ports, railyards, warehouses and other pollution hotspots to protect impacted communities from harmful emissions.
- Support the transition to zero emission transportation through investments and regulations increasing emission-free cars, heavy duty trucks and transit and school buses.
- Reduce agricultural burning and residential wood burning. Support electric heating options wherever possible.
- Invest in healthier, more walkable communities and reduce vehicle trips.

**For Media Inquiries Contact:**

Ryan Endean  
Ryan.endean@lung.org

**For Policy Inquiries Contact:**

Bonnie Holmes-Gen  
Bonnie.holmes-gen@lung.org

## Who is at Risk in the San Joaquin Valley?

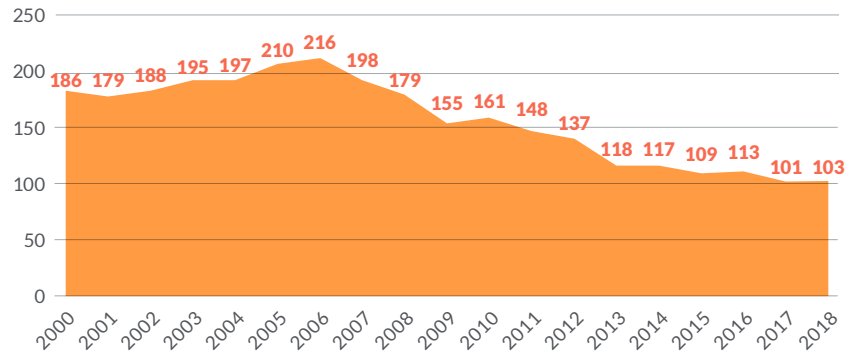
Air pollution affects us all, but millions of California residents face an elevated risk due to age, pre-existing conditions or living in a lower-income community. We must protect all residents, but especially those most vulnerable and impacted by air pollution.

### Population at Risk in the Region

Total Population	4,173,563
Under 18	1,194,517
65 Plus	482,678
Pediatric Asthma	91,838
Adult Asthma	231,120
COPD	126,734
Lung Cancer	1,777
Heart Disease	184,501
Diabetes	286,628
Poverty	838,385

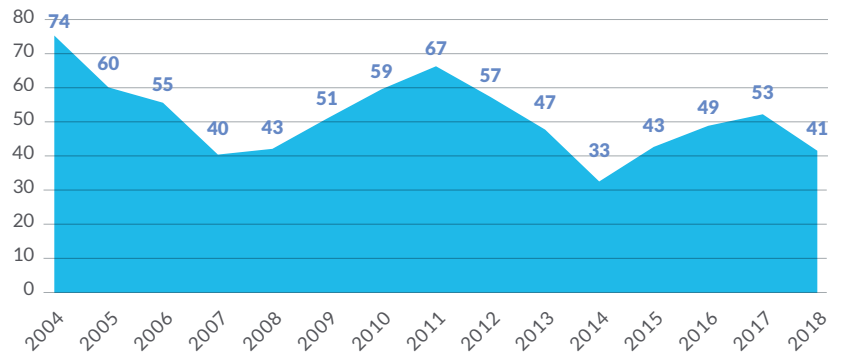
## Bakersfield Unhealthy Ozone Days

STATE OF THE AIR 2000 - 2018



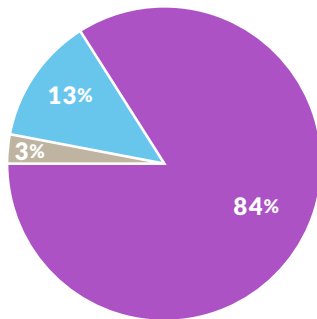
## Bakersfield Unhealthy Particle Pollution Days

STATE OF THE AIR 2004 - 2018

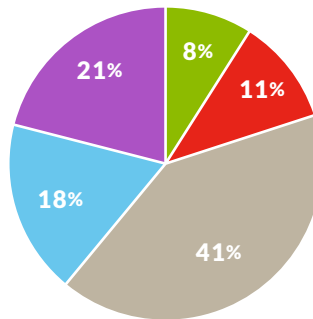


## Statewide Pollution Sources

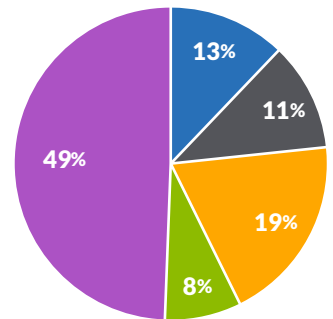
Ozone Forming NOx Emission Sources



Particle Pollution Emission Sources



Greenhouse Gas Emission Sources



Transportation



Area-Wide Sources



Stationary Sources



Residential Woodsmoke



Agriculture



Electricity Generation



Res./Comm. Buildings



Industrial