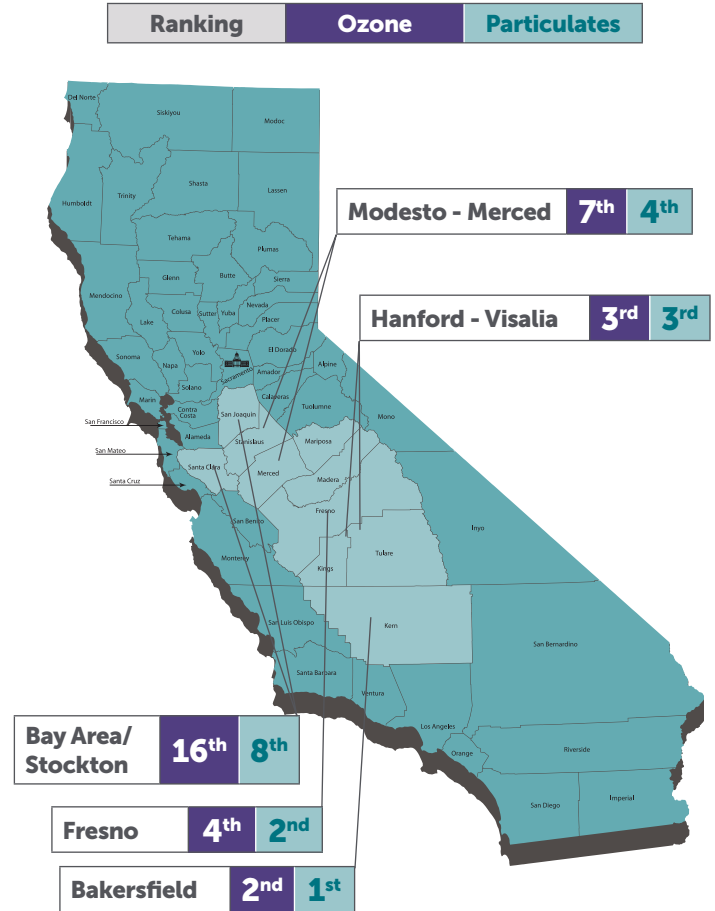


Regional Grades and Unhealthy Air Days

County	Ozone Days [†]	Ozone Grade	PM Days [†]	PM Grade
Fresno	103.8	F	44.7	F
Kern	113.3	F	48.7	F
Kings	43.8	F	40.7	F
Madera	57.7	F	26.0	F
Merced	31.5	F	16.8	F
San Joaquin	19.5	F	19.0	F
Stanislaus	40.0	F	32.5	F
Tulare	107.8	F	13.0	F

[†]Number of Days reported equals the weighted annual average of unhealthy ozone or particle days recorded over the three-year period of 2012-2014. An annual average of 3.3 or more unhealthy days earns an "F" grade.

Rank Among All U.S. Cities for Unhealthy Air Days



Key Successes

**39% drop
In Kern County**

In unhealthy ozone days since 2000

**37% drop
In Fresno County**

In unhealthy particle days since 2004

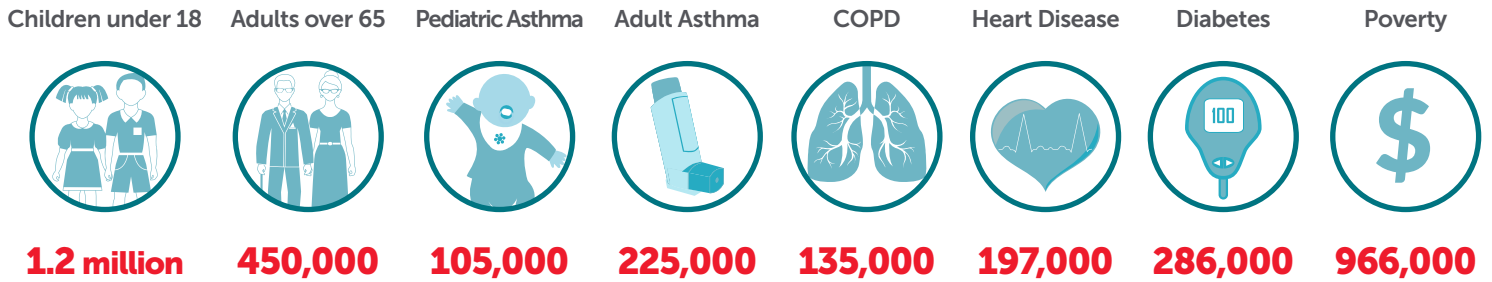
Passenger vehicle and diesel emission controls and wood burning restrictions have driven reductions.

Healthy Air Goals

Cut pollution by 50%

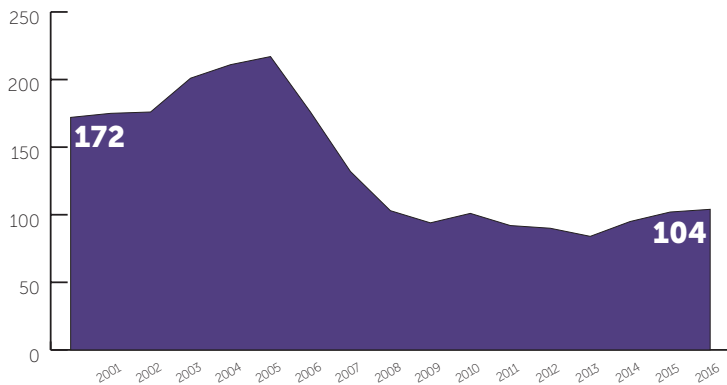
- Increase zero emission vehicles and fuels, including passenger vehicles and freight
- Support clean air investments through the Greenhouse Gas Reduction Fund.
- Reduce climate pollutants, including methane and black carbon.
- Increase controls on residential wood burning and support the cleanest heating options.
- Plan healthier communities focused on walking, biking, transit and zero-emission transportation options.

Who is at Risk in San Joaquin Valley

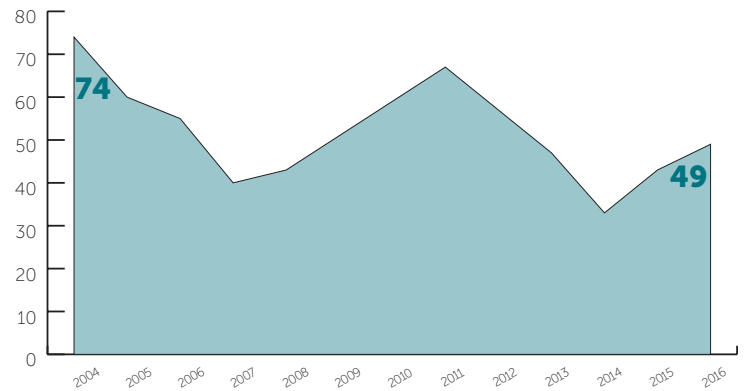


Key Air Quality Trends

**Fresno Unhealthy Ozone Days
State of the Air 2000 - 2016**



**Bakersfield Unhealthy Particle Days
State of the Air 2004 - 2016**



San Joaquin Valley Pollution Sources

- 85% of smog-forming NOx emissions stem from mobile sources, especially diesel trucks and buses
- Goods movement operations, including the Port of Stockton, rail yards, and freight distribution centers
- Agricultural burning and operations, especially diesel agricultural equipment
- Emissions from the oil and gas production
- Smoke from residential wood burning (contributes to elevated Winter time particle levels)
- Weather and climate events, like droughts and wildfires, add to the Valley's air pollution challenges



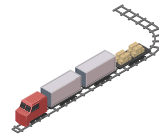
Cars



Trucks



Agricultural Operations



Freight



Oil and Gas



Wood Smoke



For more information: www.stateoftheair.org/california2016



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