

Rank Among U.S. Cities for Unhealthy Air		
Metro Area	Ozone Rank	Particle Rank
Los Angeles	1	7

Regional Grades and Unhealthy Air Days				
County	Ozone Days <sup>†</sup>	Ozone Grade	Particle Days <sup>†</sup>	Particle Grade
Los Angeles	111.2	F	10.0	F
Orange	13.0	F	2.7	D
Riverside	121.7	F	13.0	F
San Bernardino	145.7	F	7.8	F
Ventura	12.0	F	0.0	A

<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.

## 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.



***"I don't want future generations to go through what I have had to experience."***

*One of the hardest things I've ever had to say to my family was the words "I have lung cancer."*

*I was diagnosed in 2014 and it came as a complete shock to me. I now realize that living and working in Los Angeles meant I was exposed to dangerous levels of air pollution for decades.*

*I don't want future generations to go through what I have had to experience. I hope that we can reduce vehicle emissions in Los Angeles and all of California to further improve air quality and allow everyone to breathe easier.*

- VICKIE DRESBACH, PERRIS, CA

## Who is at Risk in Southern California?

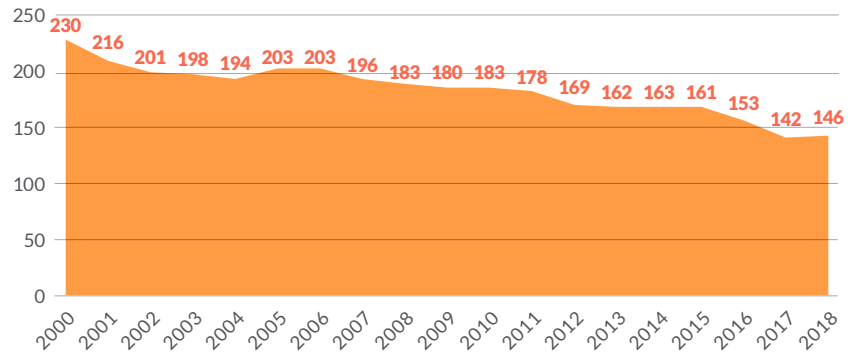
Air pollution affects us all, but millions of California residents face an elevated risk due to age, pre-existing conditions or living in a lower-income community. We must protect all residents, but especially those most vulnerable and impacted by air pollution.

### Population at Risk in the Region

Total Population	18,688,022
Under 18	4,353,354
65 Plus	2,444,450
Pediatric Asthma	334,698
Adult Asthma	1,119,385
COPD	628,200
Lung Cancer	7,942
Heart Disease	925,418
Diabetes	1,433,318
Poverty	2,788,201

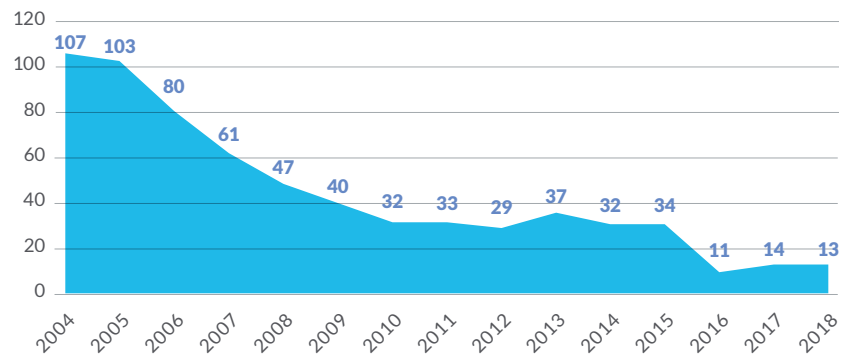
## Southern California Unhealthy Ozone Days

STATE OF THE AIR 2000 - 2018



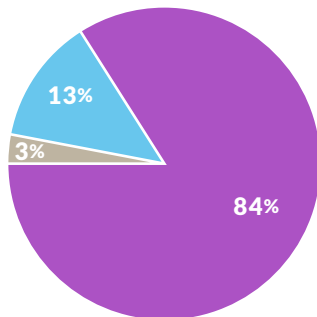
## Southern California Unhealthy Particle Pollution Days

STATE OF THE AIR 2004 - 2018

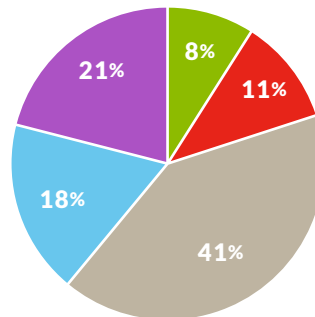


## Statewide Pollution Sources

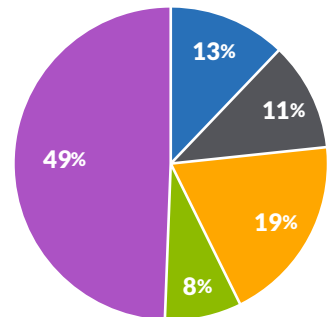
Ozone Forming NOx Emission Sources



Particle Pollution Emission Sources



Greenhouse Gas Emission Sources



Transportation



Area-Wide Sources



Stationary Sources



Residential Woodsmoke



Agriculture



Electricity Generation



Res./Comm. Buildings



Industrial



[www.stateoftheair.org/california2018](http://www.stateoftheair.org/california2018)  
 Facebook: CaliforniaLung Twitter: @CaliforniaLung  
 LinkedIn: American Lung Association in California  
 YouTube: CaliforniaLung

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