

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

Metro Area	Ozone Rank	Particle Rank
San Francisco Bay Area	13	6

**Regional Grades and Unhealthy Air Days**

County	Ozone Days <sup>†</sup>	Ozone Grade	Particle Days <sup>†</sup>	Particle Grade
Alameda	10.7	F	2.0	C
Contra Costa	5.0	F	0.3	B
Marin	0.0	A	1.0	C
Napa	0.0	A	0.3	B
San Benito	3.0	D	0.0	A
San Francisco	0.0	A	0.0	A
San Joaquin	18.8	F	14.5	F
San Mateo	0.3	B	0.0	A
Santa Clara	4.3	F	1.8	C
Santa Cruz	0.0	A	4.0	F
Solano	1.3	C	1.7	C
Sonoma	0.0	A	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.



**“When it’s a Spare the Air day in the Bay Area, I can’t go outside.”**

*I suffer from asthma and air pollution plays a huge role in my quality of life.*

*I love to garden, it’s so relaxing! But when it’s a Spare the Air day in the Bay Area, I can’t go outside. I’m stuck in the house relying on the air conditioner to filter the air.*

*All Californians need to work together on clean air solutions so that asthma patients like me can do the things we love.*

- KATHY GALGANO, SAN JOSE, 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.

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## Who is at Risk in the Bay Area?

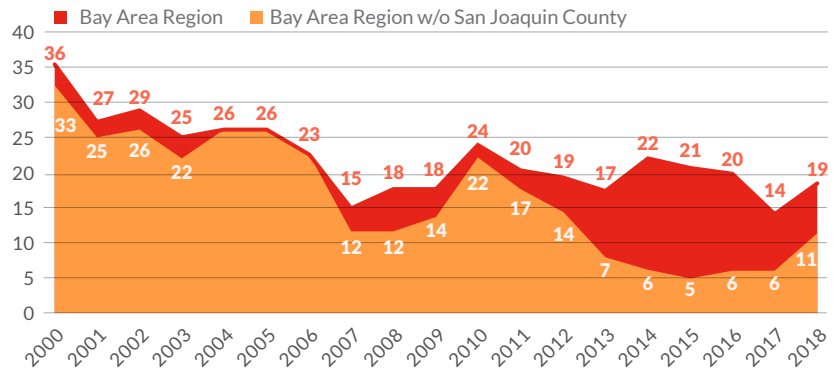
Air pollution affects us all, but millions of California residents face an elevated risk due to age, pre-existing conditions or living in a lower-income community. We must protect all residents, but especially those most vulnerable and impacted by air pollution.

### Population at Risk in the Region

Total Population	8,751,807
Under 18	1,874,550
65 Plus	1,250,653
Pediatric Asthma	144,121
Adult Asthma	539,410
COPD	309,563
Lung Cancer	3,721
Heart Disease	460,334
Diabetes	708,929
Poverty	857,722

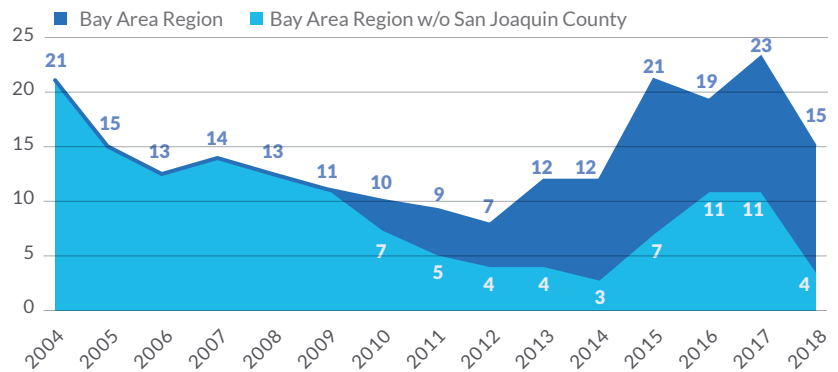
## Bay Area Unhealthy Ozone Days

STATE OF THE AIR 2000 - 2018



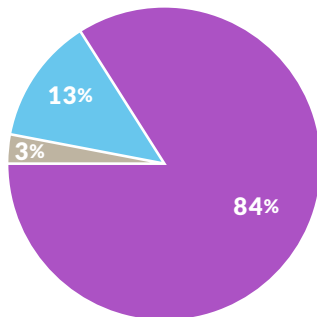
## Bay Area Unhealthy Particle Pollution Days

STATE OF THE AIR 2004 - 2018

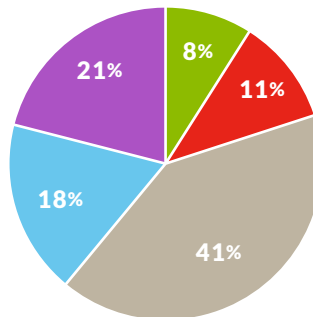


## Statewide Pollution Sources

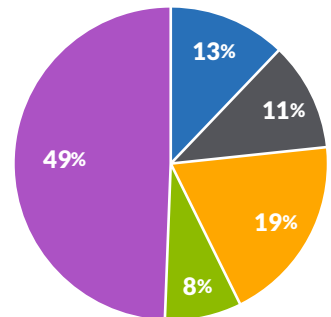
Ozone Forming NOx Emission Sources



Particle Pollution Emission Sources



Greenhouse Gas Emission Sources



Transportation



Area-Wide Sources



Stationary Sources



Residential Woodsmoke



Agriculture



Electricity Generation



Res./Comm. Buildings



Industrial