



**Regional Grades and Unhealthy Air Days**

County		Ozone Days <sup>1</sup>	Ozone Grade	PM Days <sup>1</sup>	PM Grade
Imperial		28.2	F	7.2	F
San Diego		27.5	F	3.5	F

<sup>1</sup>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**

Ranking	Ozone	Particulates
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San Diego	13 <sup>th</sup>	29 <sup>th</sup>
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El Centro	12 <sup>th</sup>	13 <sup>th</sup>
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**Key Successes**

**71% drop  
In San Diego**

**86% drop  
In San Diego**  
In unhealthy particle days  
since 2004

**77% drop  
In Imperial County**  
In unhealthy ozone days since 2000

**Passenger vehicle and diesel emission controls have driven these reductions.**

**Healthy Air Goals**

**Continue progress in cutting pollution**

- Increase zero emission vehicles and fuels, including passenger vehicles and freight
- Support clean air investments through the Greenhouse Gas Reduction Fund.
- Coordinate efforts to assist with cross-border pollution that impacts air in the region.
- Reduce climate pollutants, including methane and black carbon.
- Plan healthier communities focused on walking, biking, transit and zero-emission transportation options.

# Who is at Risk in San Diego / Imperial County

Children under 18

Adults over 65

Pediatric Asthma

Adult Asthma

COPD

Heart Disease

Diabetes

Poverty



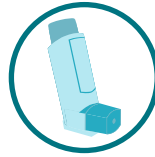
**780,000**



**436,000**



**69,000**



**205,000**



**125,000**



**184,000**



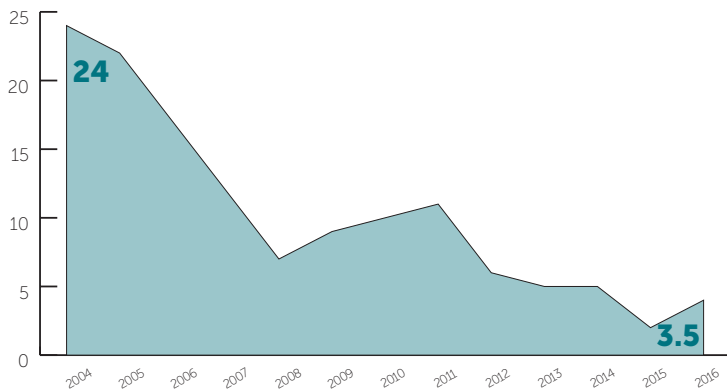
**265,000**



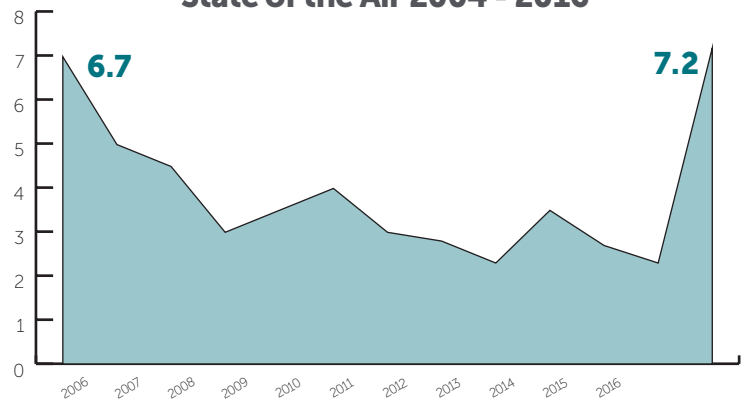
**507,000**

## Key Air Quality Trends

**San Diego Unhealthy Particle Days  
State of the Air 2004 - 2016**



**El Centro Unhealthy Particle Days  
State of the Air 2004 - 2016**



## San Diego / Imperial County Pollution Sources

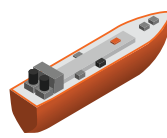
- The majority of NOx emissions come from mobile sources, including on- and off-road diesel fueled-vehicles, cars, trucks buses and locomotives, ships and aircraft
- Ports and goods movement in the border areas contribute to local and regional pollution
- Transport of particles from Mexico into Imperial County
- Area sources including smoke from residential wood burning



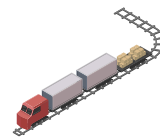
Cars



Trucks



Ports



Freight



Wood Smoke



For more information: [www.stateoftheair.org/california2016](http://www.stateoftheair.org/california2016)



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