

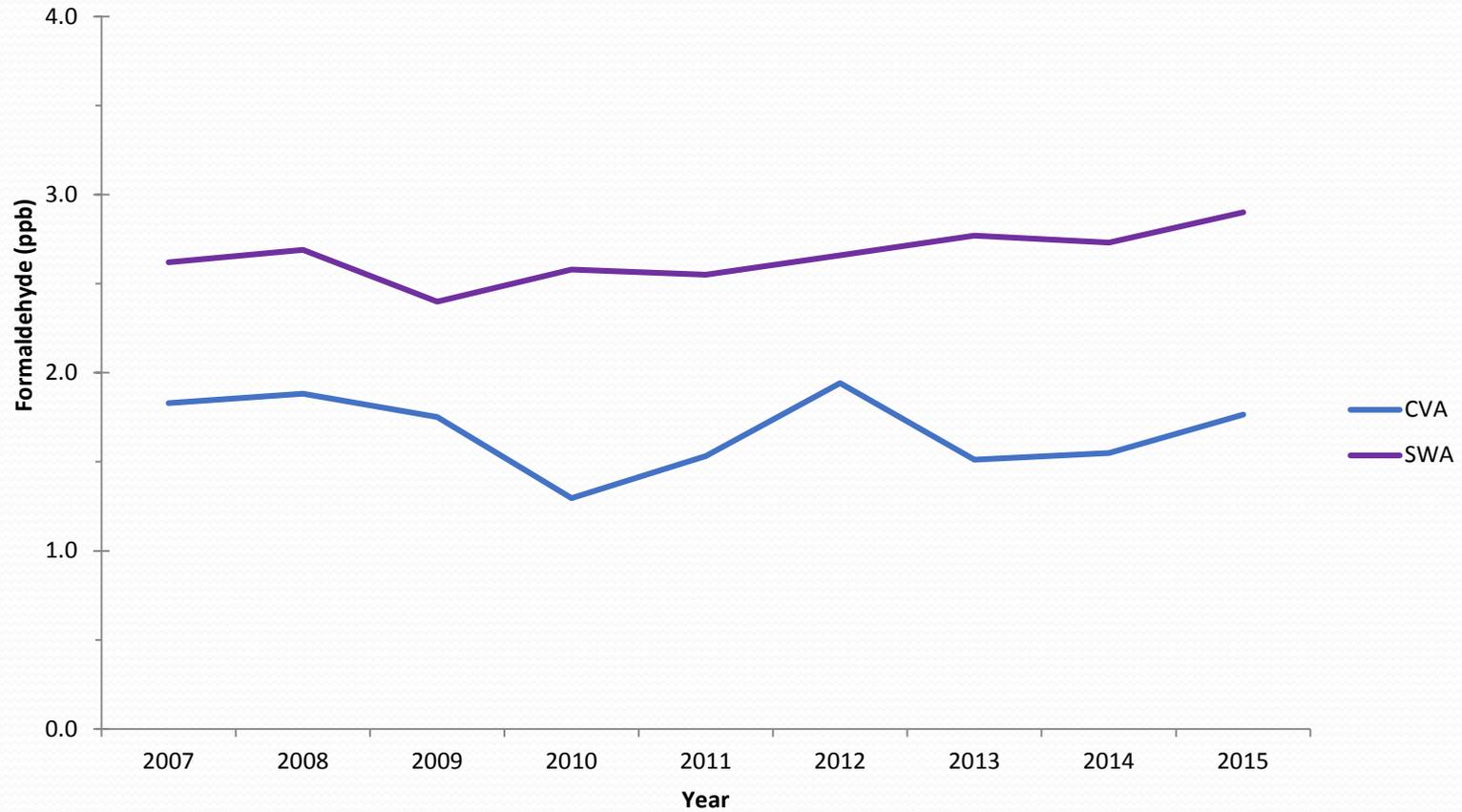
AB-617

Steering Committee Meeting

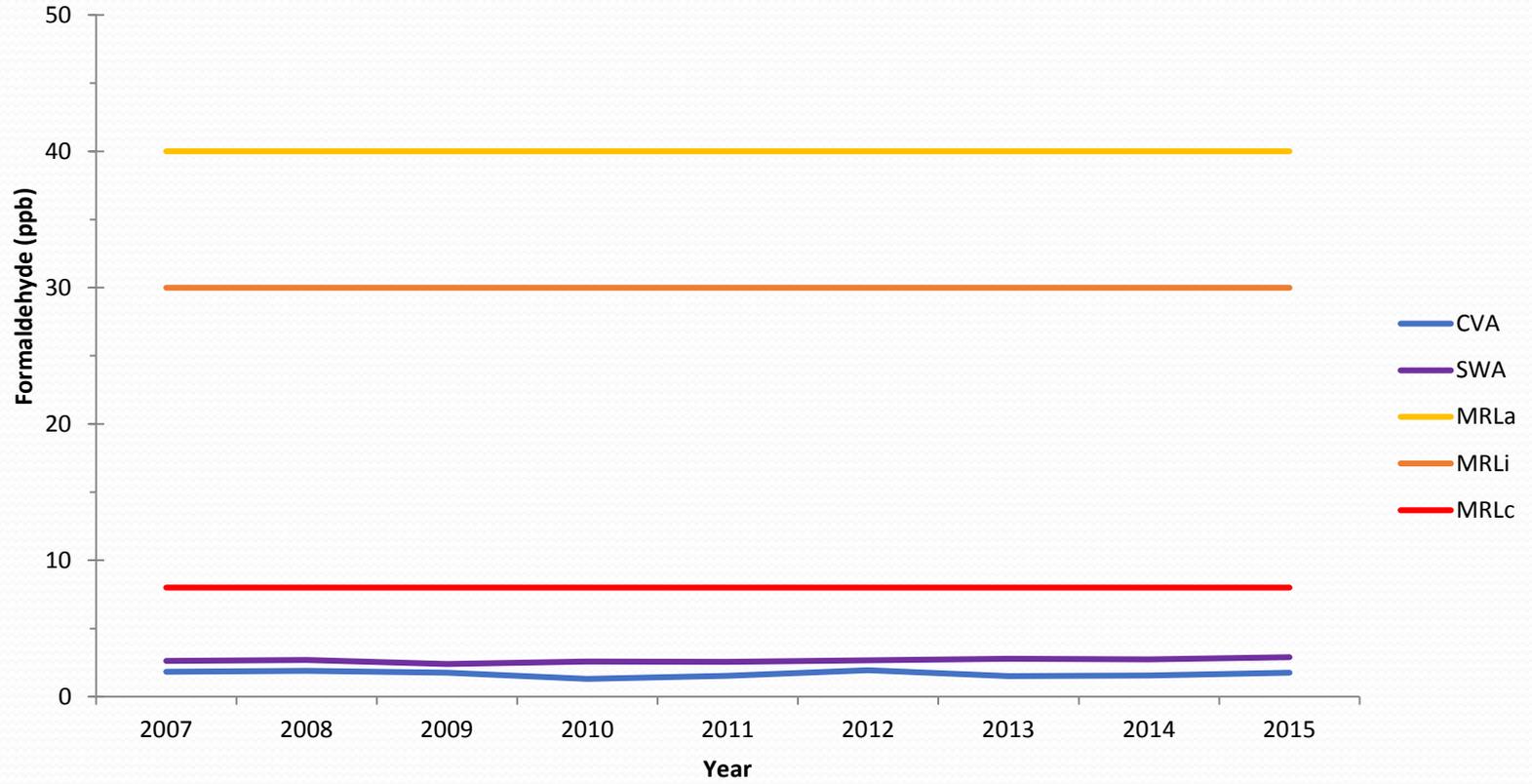
Perkins Elementary School

January 29, 2019

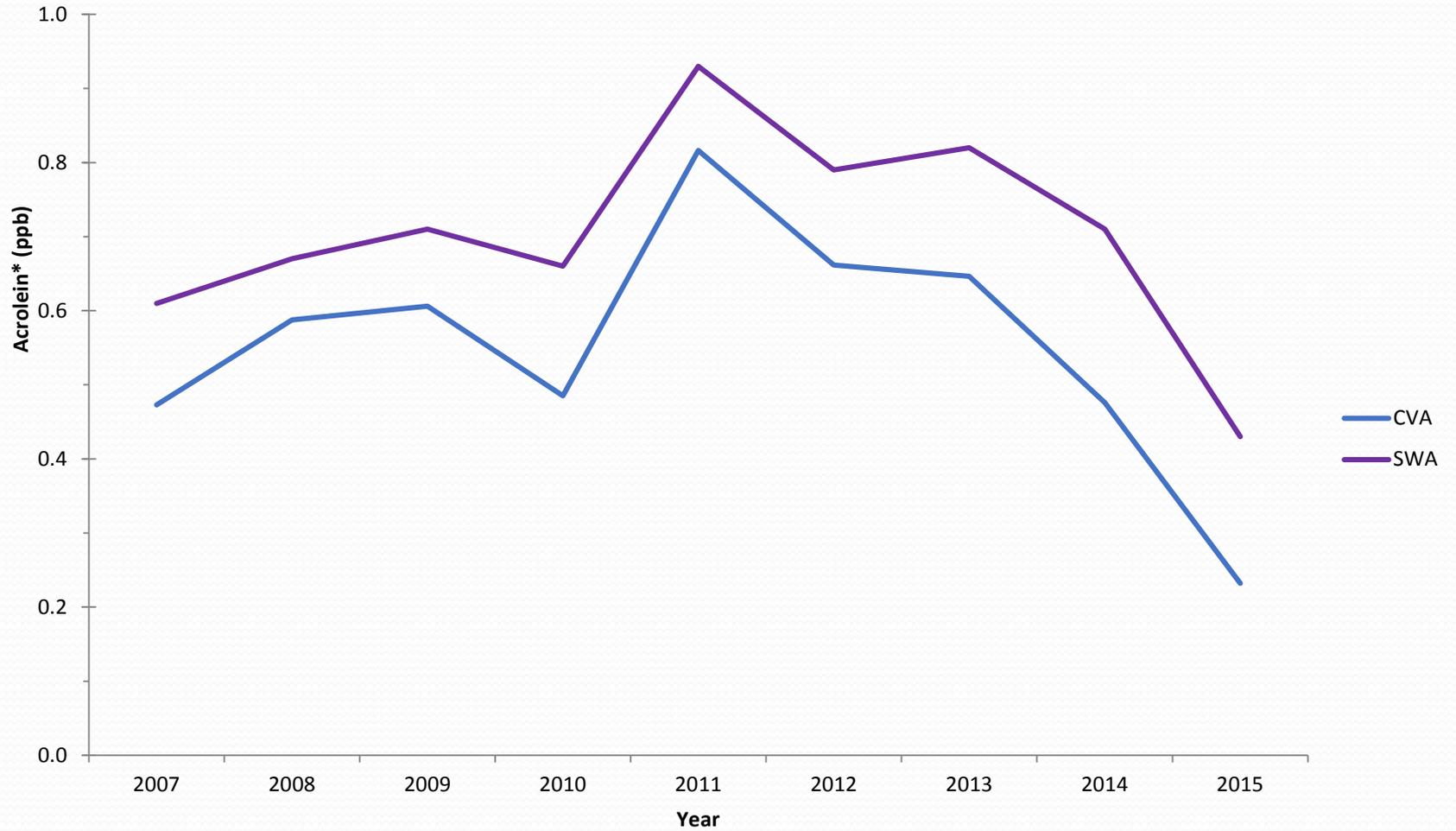
Formaldehyde Data for: 2007 through 2015



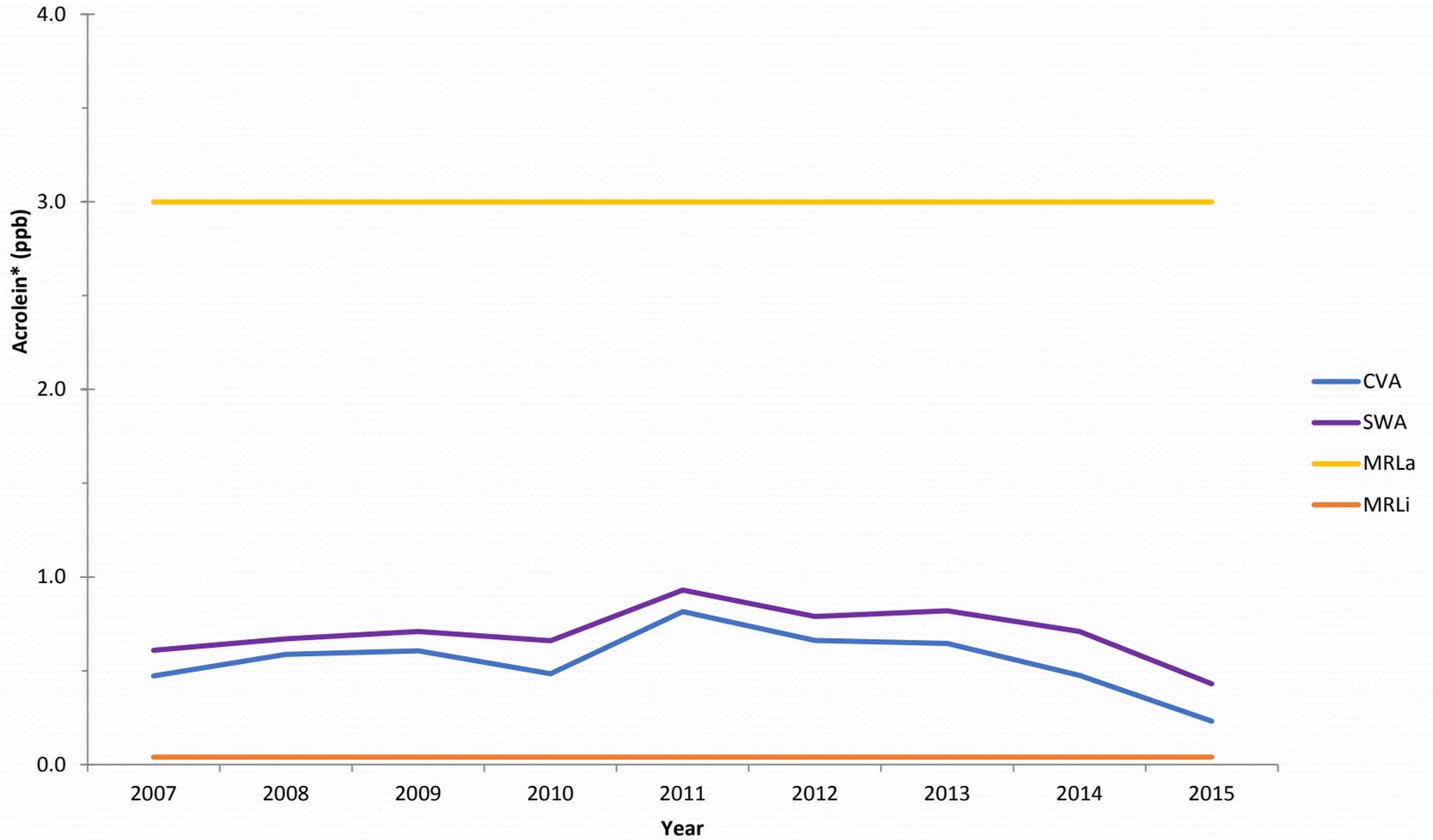
Formaldehyde Data for: 2007 through 2015



Acrolein* Data for: 2007 through 2015



Acrolein* Data for: 2007 through 2015



San Diego County Air Pollution Control District

*Improving & Maintaining
Air Quality in San Diego County*

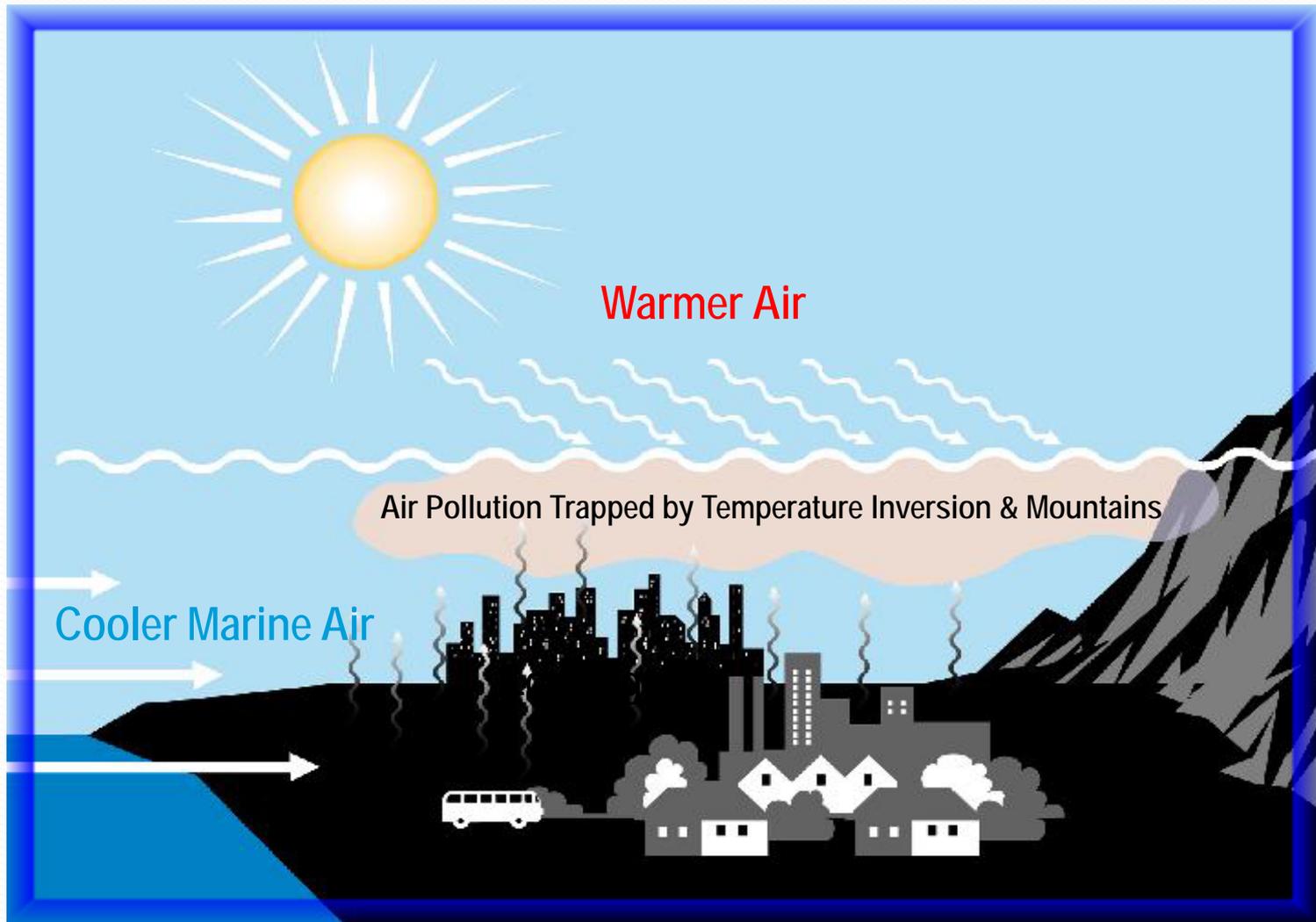


Regulated Air Pollutants

- **Traditional Air Pollutants**
(Subject to health-based standards)
 - **Ozone**
 - Particulate Matter
 - Nitrogen Dioxide
 - Carbon Monoxide
 - Sulfur Dioxide
 - Lead
- **Toxic Air Pollutants**
(Pose greater risk to public health)
 - **Diesel Particulate Matter**
 - Benzene
 - Butadiene
 - Chromium
 - Many others



Ozone Air Pollution



Comprehensive Regulatory Efforts



U.S. Environmental Protection Agency

- National standards for outdoor air quality
- Emission standards for interstate-traveling mobile sources
- Oversight of state air quality programs



California Air Resources Board

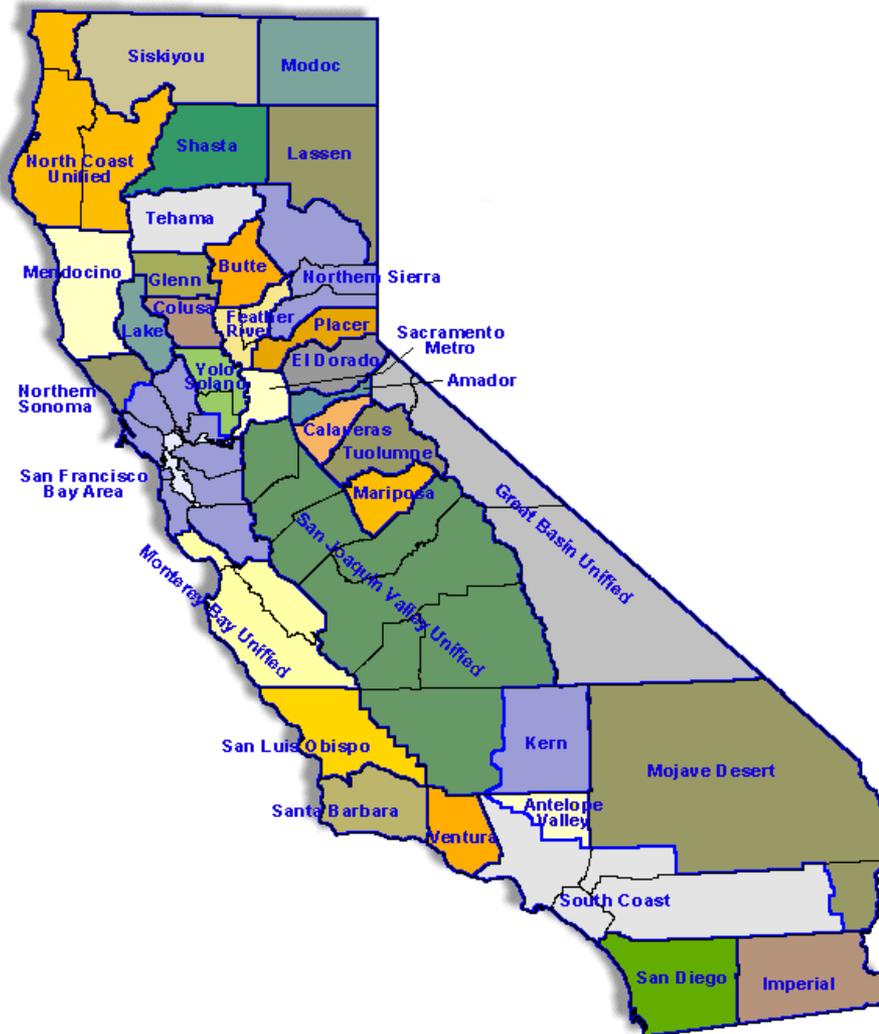
- California standards for outdoor air quality
- Emission standards for in-state mobile sources, consumer products
- Oversight of regional air quality programs



San Diego County Air Pollution Control District

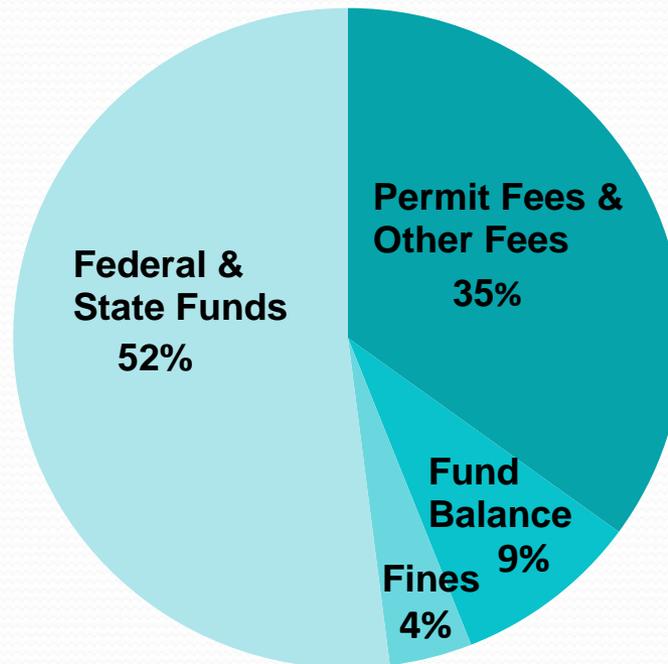
- Air quality monitoring
- Clean air attainment plans
- Emission standards for stationary (fixed) sources
- Assist CARB in reducing mobile-source emissions (inspections, grants)

35 Air Districts



APCD Operational Plan

- \$27 million annual operating budget
- 150 staff
 - Planners, engineers, inspectors, scientists, support staff



Funding Sources

Yearly Activity

- Receive 400-1,000 permit applications
 - Factories, gas stations, stationary engines
- Renew 8,200 operating permits
- Conduct 16,100 inspections
- Grant millions of dollars to emission reduction projects
 - Majority in disadvantaged & low-income communities
- Conduct public outreach, education, & engagement
 - Community meetings & events
 - Public workshops on draft proposed rules & clean air plans
 - Compliance assistance classes & online instructional videos

Mobile Source Compliance Program

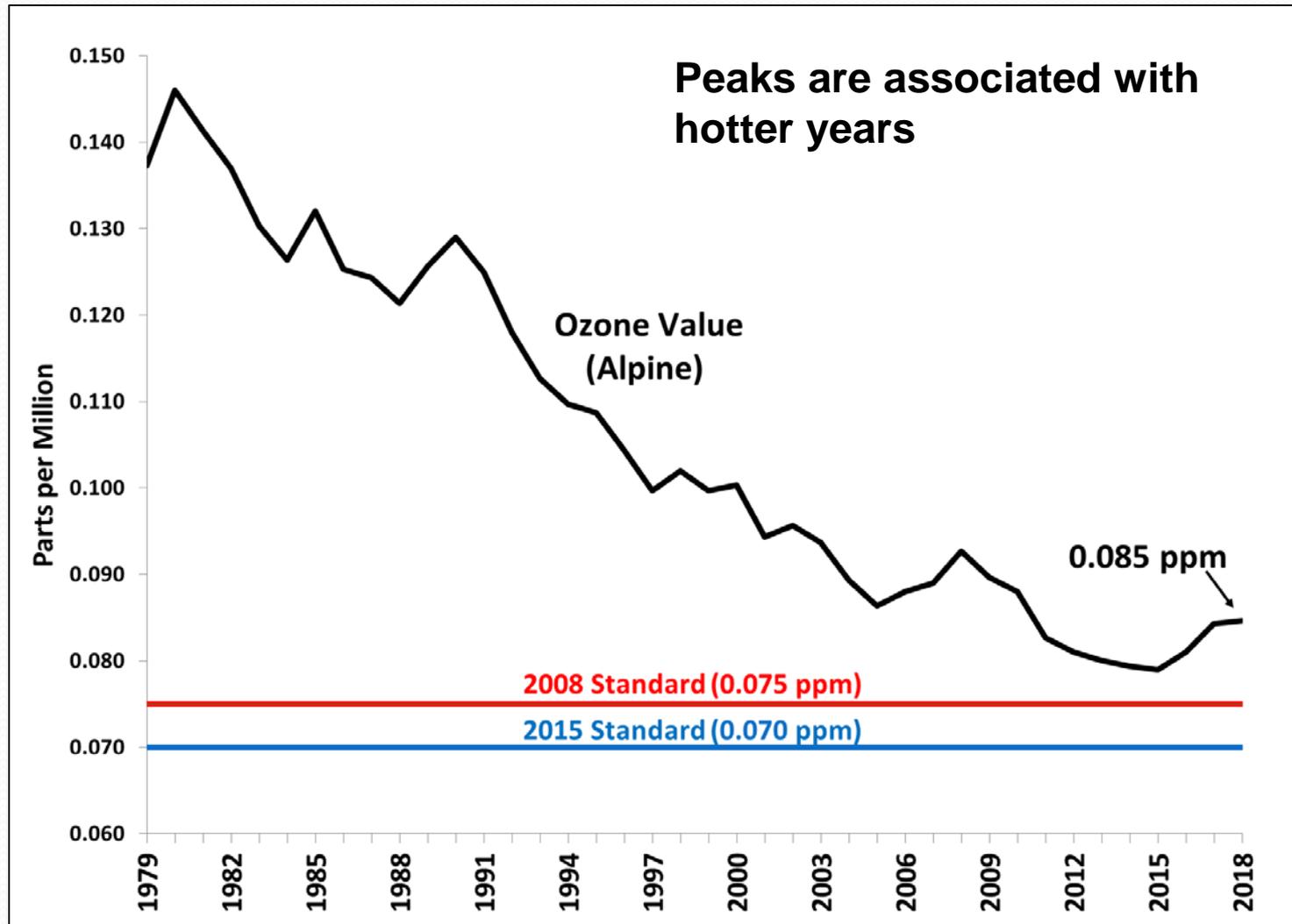
- Mobile sources are largest emitters of air pollutants
- APCD is assisting CARB with local enforcement efforts
 - Memorandum of Understanding with CARB & CHP
 - Inspect for compliance with State's diesel regulations
 - Heavy-duty on-road trucks & off-road equipment



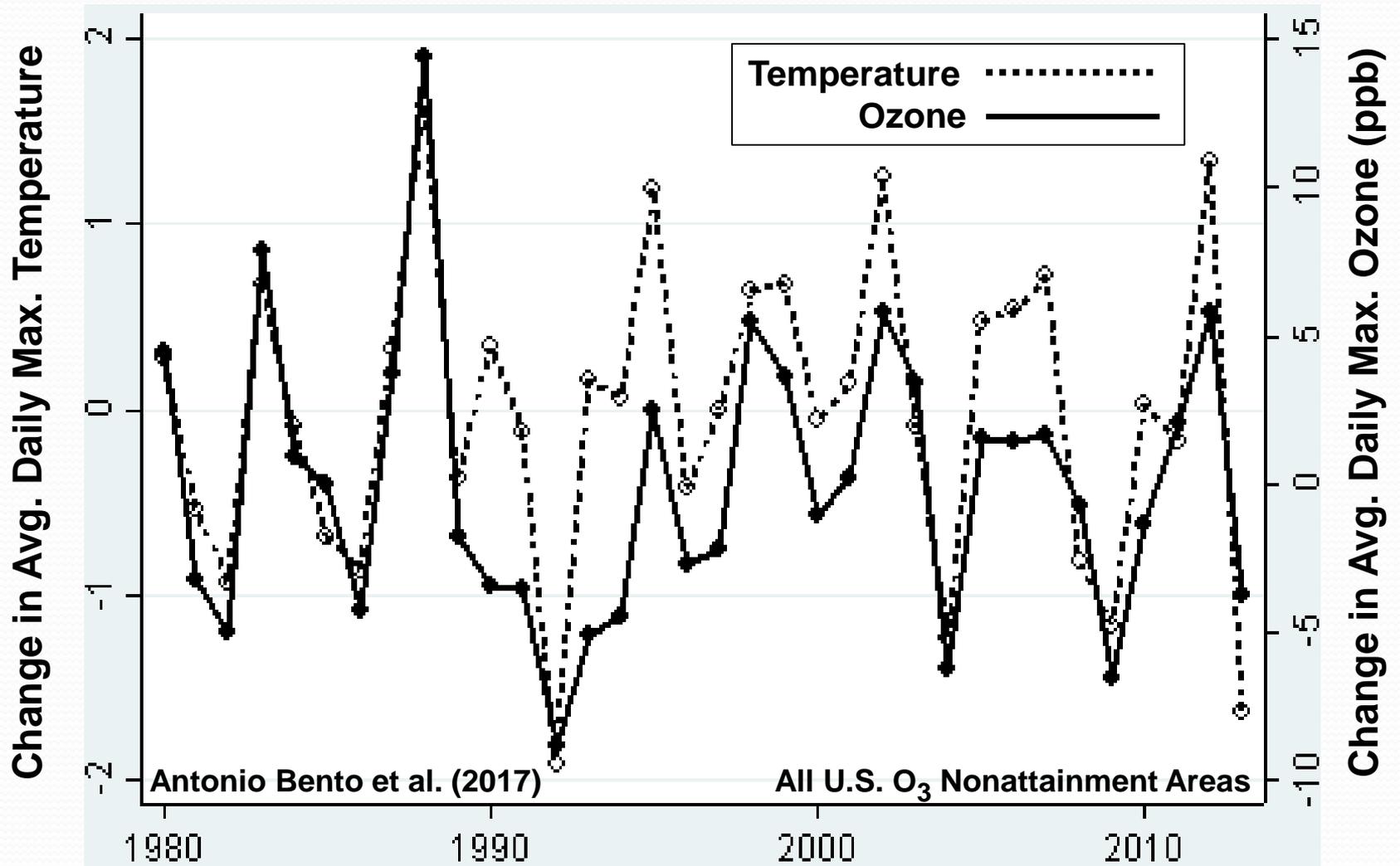
Grants for Cleaner Diesel Engines



Regional Ozone Trend

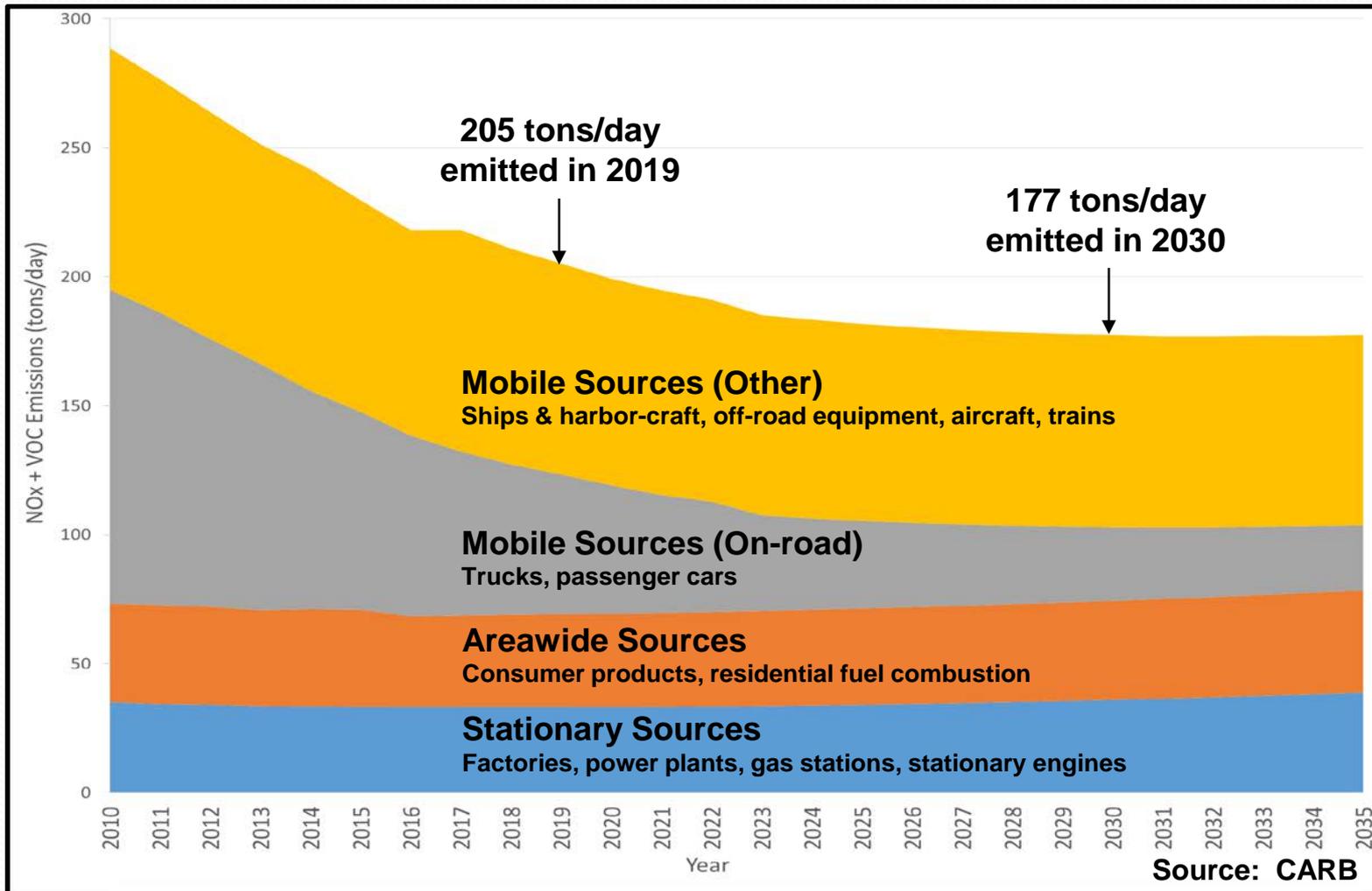


Temperature & Ozone

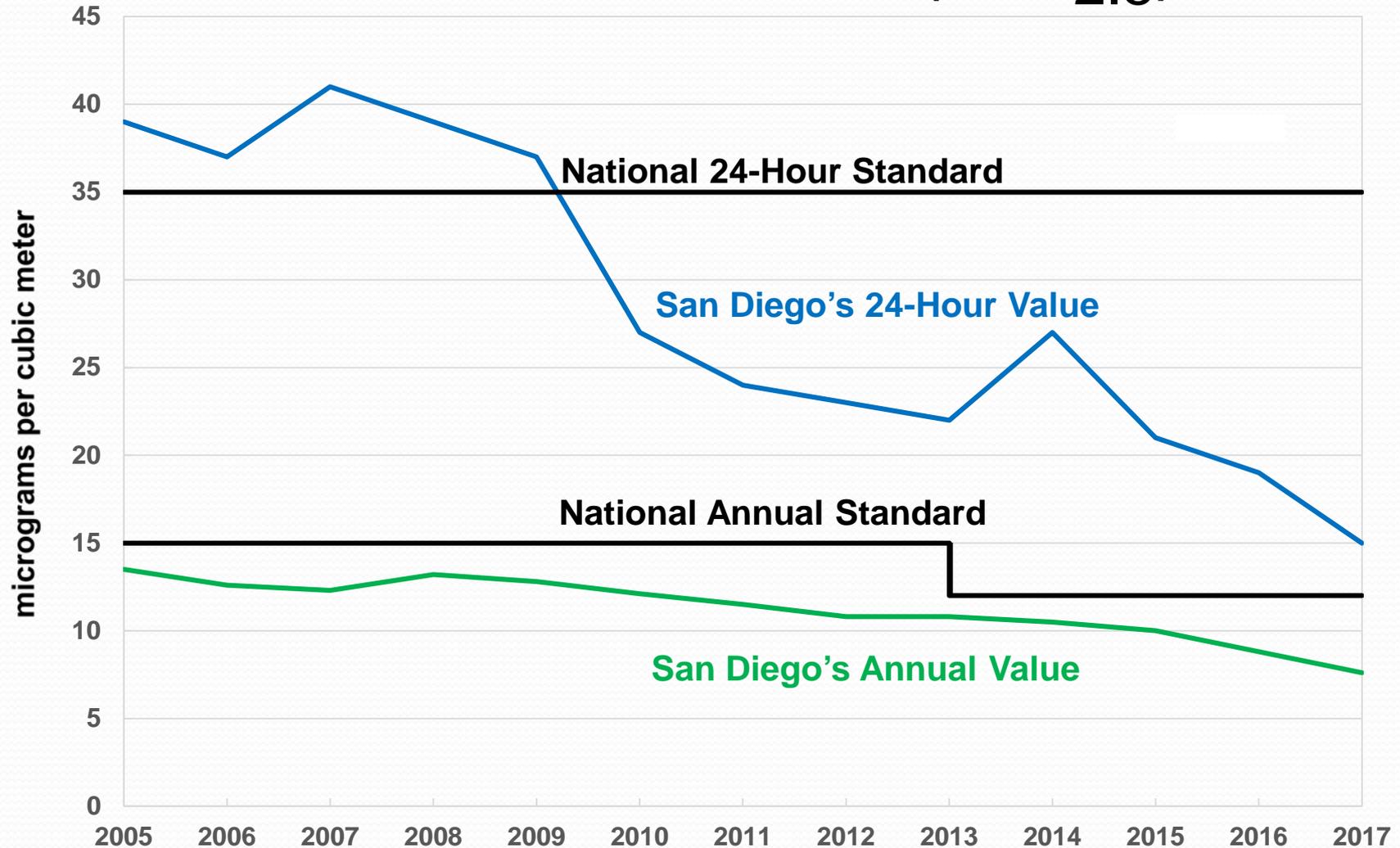


Ozone-forming Emissions in Region

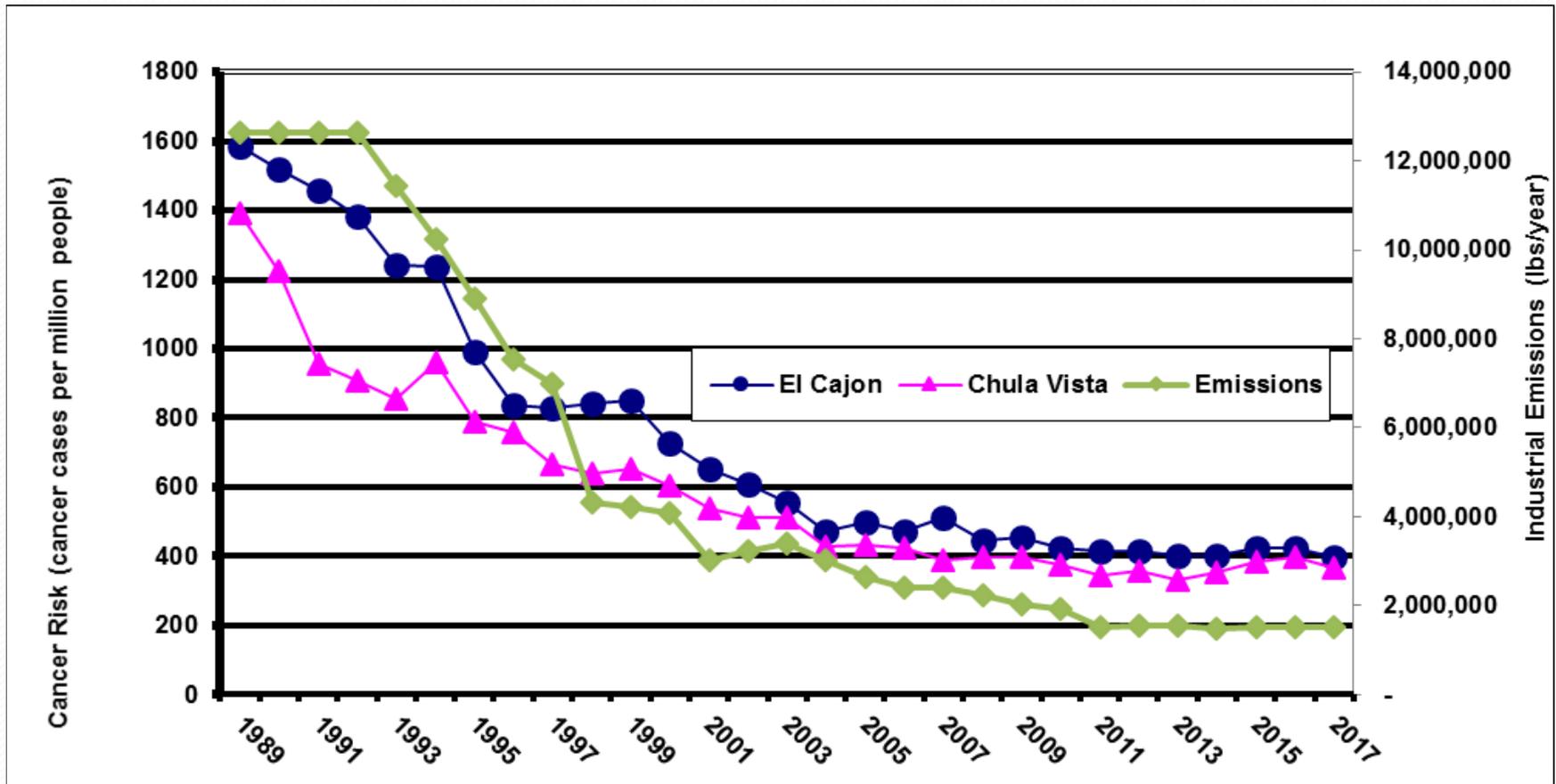
All Sources, Currently Adopted Emission Control Regulations



Fine Particulate Matter (PM_{2.5}) Trends



Toxic Air Contaminant Emissions & Cancer Risk



Environmental Justice - AB 617



Stakeholders

- 3.3 million residents
- 35 million yearly visitors
- 4,800 permit holders
- Other regulated sources
- APCD Advisory Committee
- APCD-Industry Working Group
- Industry Associations
- Community Steering Committee(s)
- Community Organizations



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