



A Perspective of Sacramento on our 50th

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Executive Director
Sacramento Metro AQMD

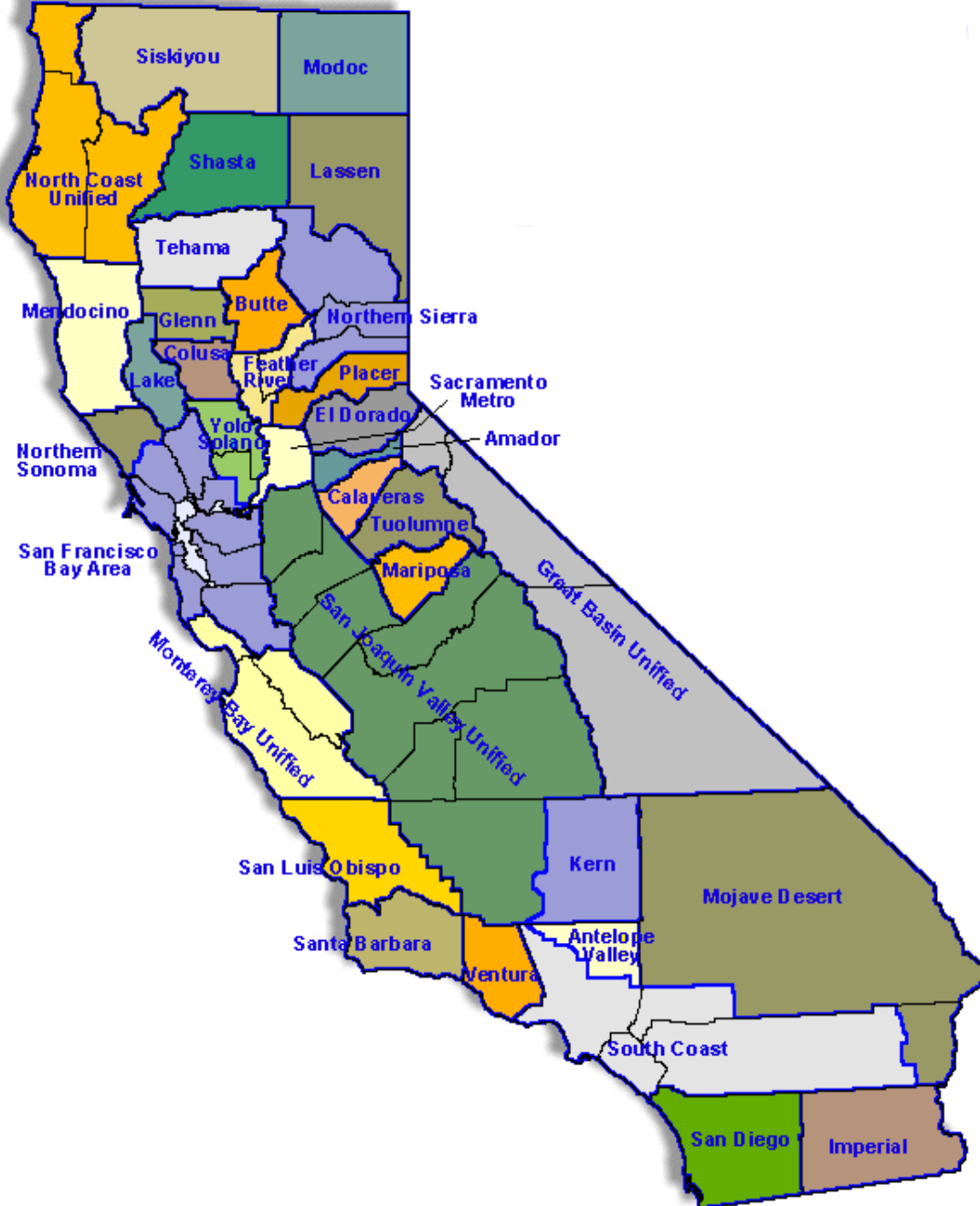
Our District Mission



“Achieve clean air goals by leading the region in **protecting public health and the environment** through innovative and effective programs, dedicated staff, community involvement and public education.”



California Air Districts

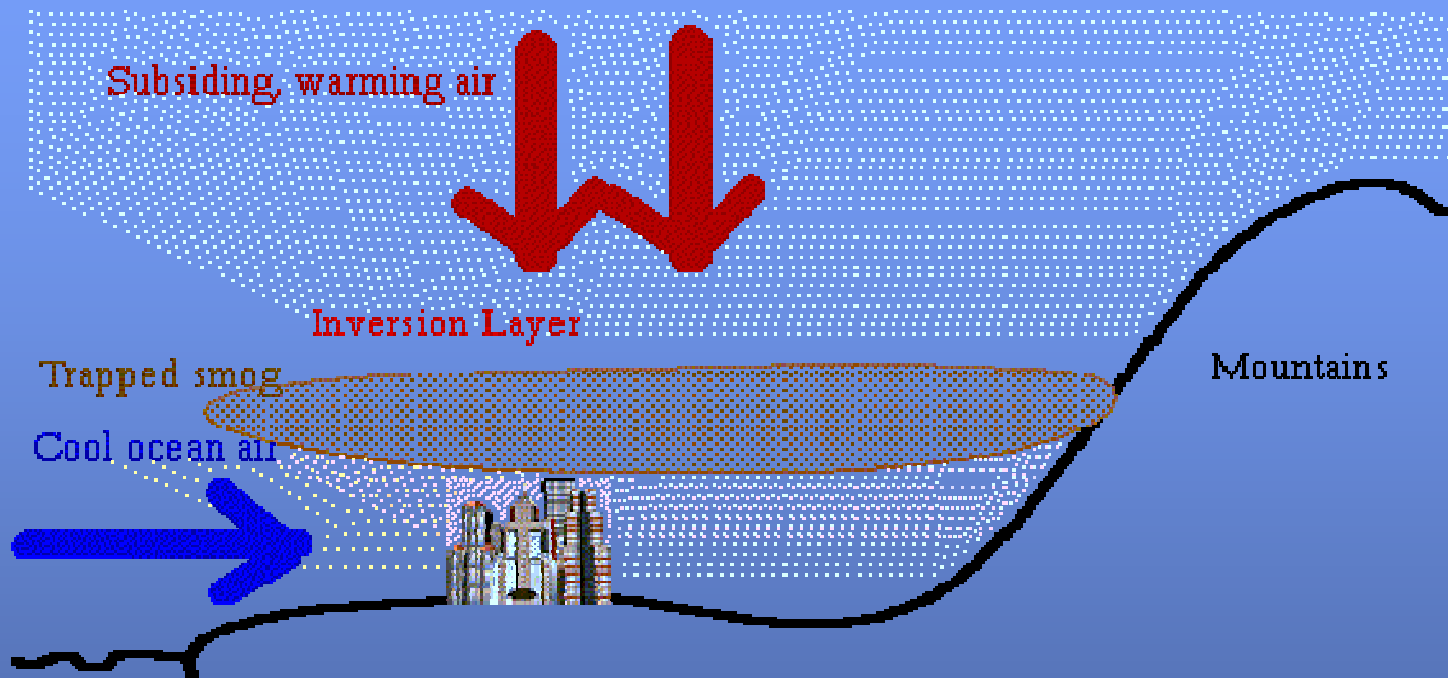


- 35 Local Air Districts
- Work for local Boards of Directors
- Unique focus on local air quality and issues
- Work closely with other local agencies, cities and counties.

Regional Air Quality Status

- Attainment Status
 - Ozone – Non-Attainment (Severe 2018 attainment deadline)
 - PM2.5 Non-Attainment (Developing plan for coming into attainment)
- Attainment requires
 - 3.3% reduction VOC
 - 12.5% reduction NOx
 - 33% reduction PM2.5

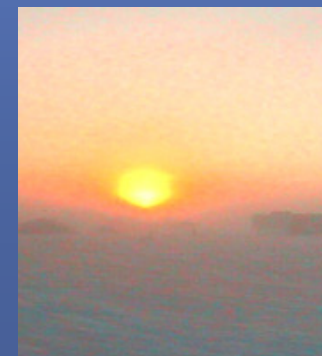
Summer Ground-level Ozone (smog)



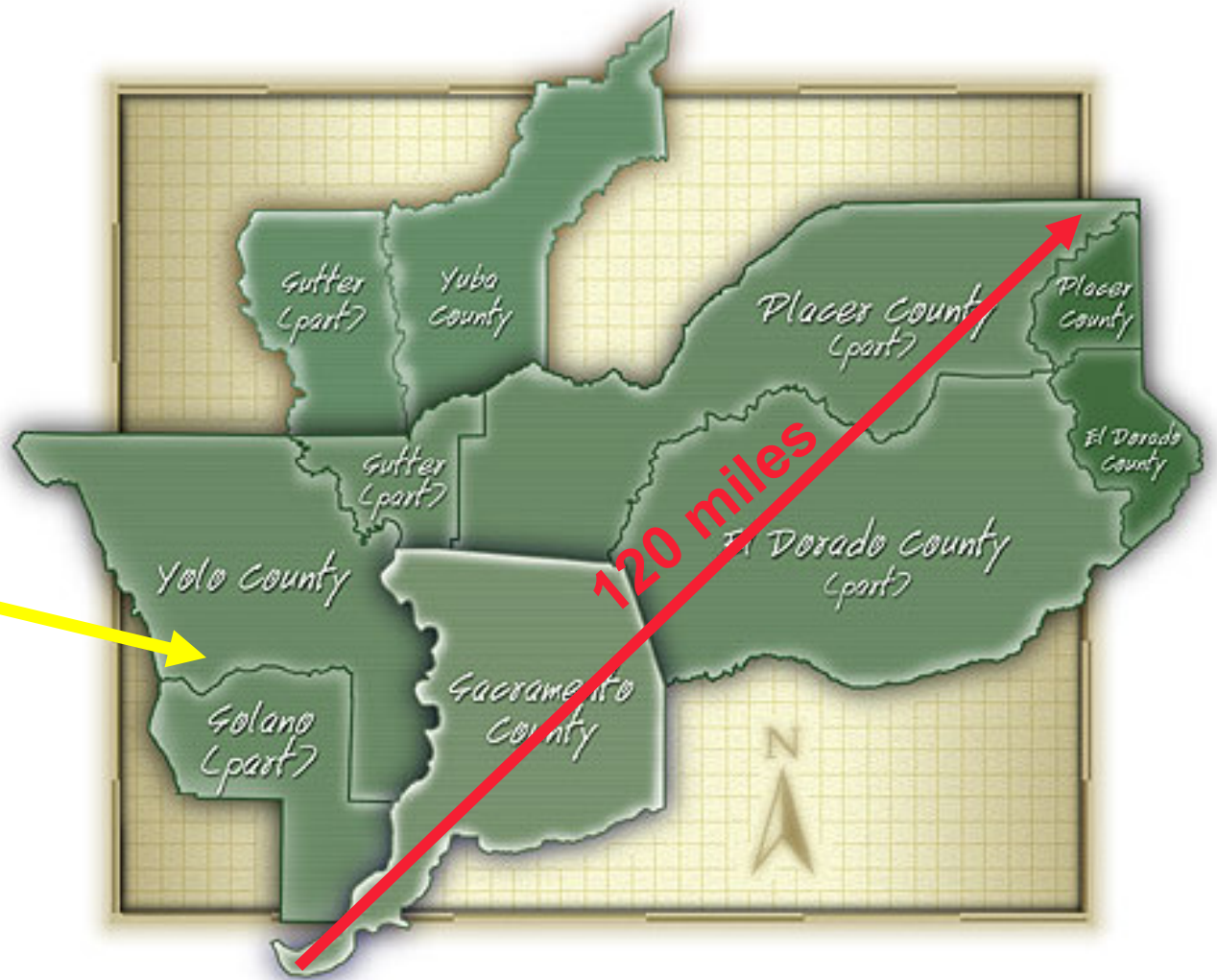
NOX + VOC + Sunlight = Ozone



+

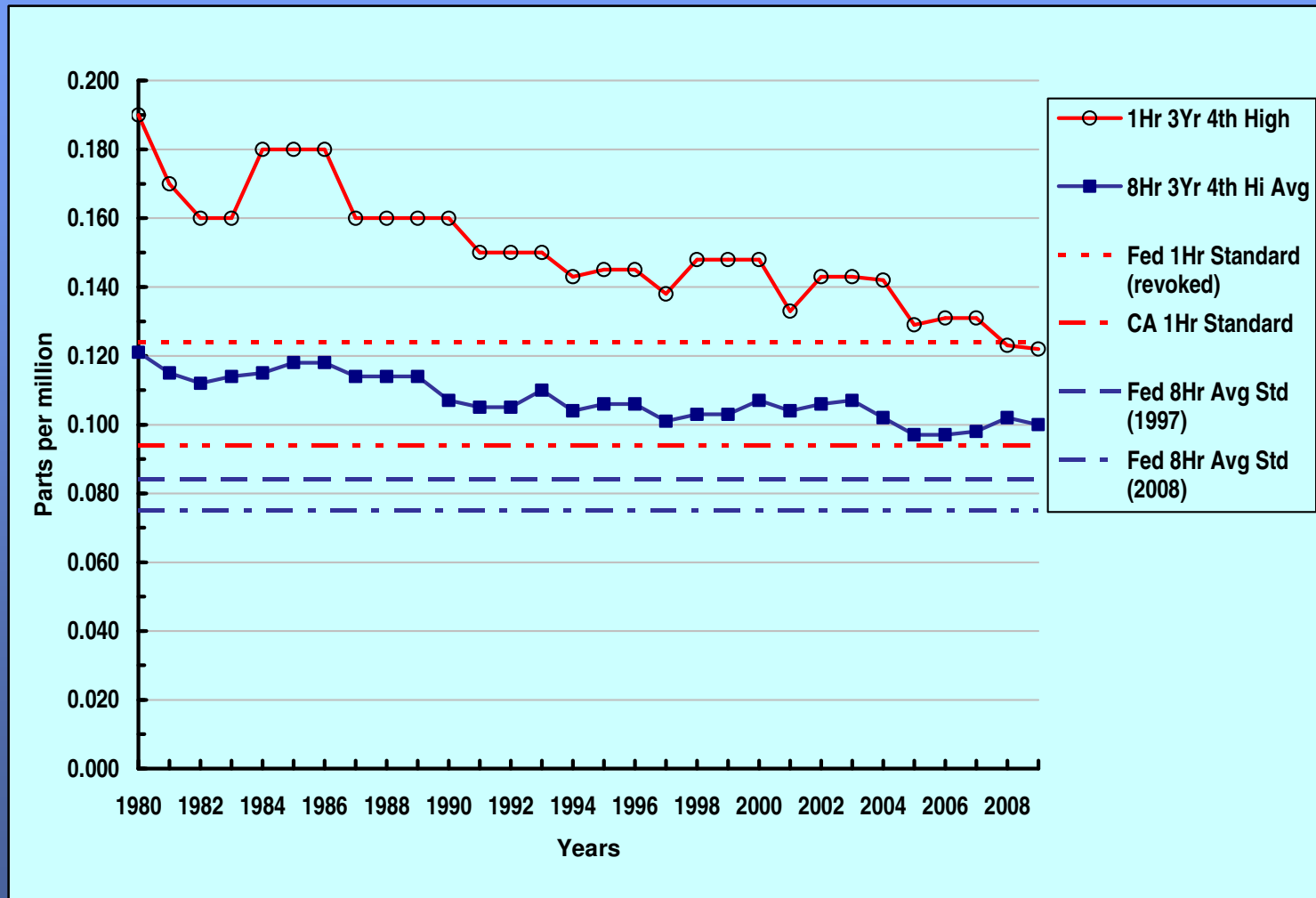


Federal
Ozone
Non-attainment
Area





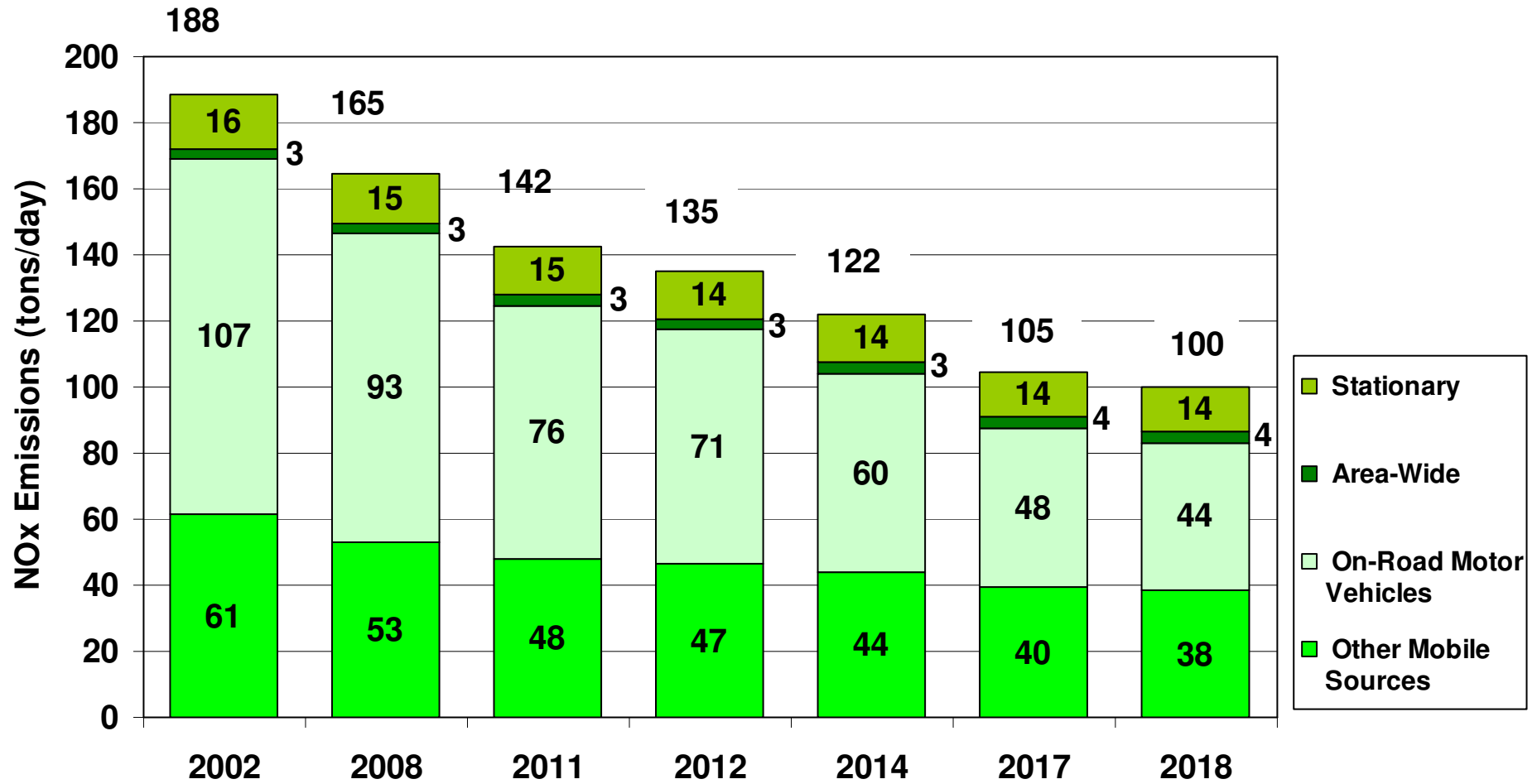
Air Quality Trends - Ozone Concentrations, 1980 – 2009*



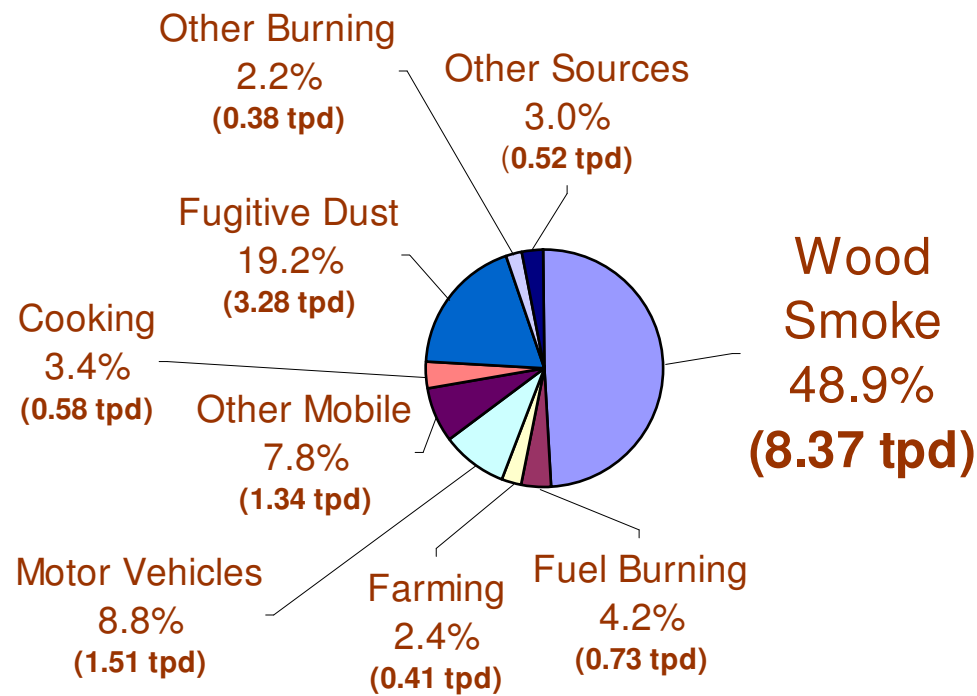
*2009 preliminary data

**2008 data adjusted for proposed exceptional events due to wildfires.

NOx Planning Inventory Forecasts Sacramento Nonattainment Region



PM2.5 Winter Day Inventory Sacramento County





— NOVEMBER THROUGH FEBRUARY — **CHECK BEFORE YOU BURN**

Sacramento County and its Cities
of Citrus Heights, Elk Grove,
Folsom, Galt, Isleton, Rancho
Cordova and Sacramento

If you have questions, please call:
Sacramento Metropolitan Air Quality Management District at 1-800-880-9025.

There are Four Check Before You Burn Categories



Stage 2 - All Burning Prohibited*
All burning is prohibited in **any device** when fine particle pollution is forecast to exceed 35 micrograms per cubic meter. It is **illegal** to burn any solid fuel, including wood, manufactured logs and pellets.



Stage 1 - No Burn - Unless Exempt*
It is **illegal** to burn when fine particle pollution is forecast to be 32-35 micrograms per cubic meter unless EPA certified fireplace inserts or stoves, or pellet stoves are used, and they do not emit visible smoke.



Burning Discouraged - Voluntary
Burning is discouraged when fine particle pollution is forecast to be 26-31 micrograms per cubic meter. The AQMD asks you to voluntarily not burn.

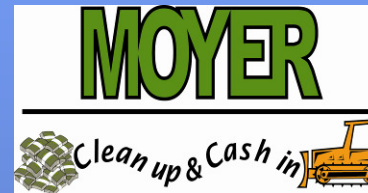


Legal to Burn
When the forecast is 25 micrograms per cubic meter or lower then it is legal to burn and the use of manufactured firelogs is acceptable at this level. If you choose to burn please follow [cleaner burning tips](#) in order to burn as cleanly as possible.

Incentive Programs Land Use Measures and other tools

Incentive Program Progress

- Incentive programs
 - Moyer & SECAT
 - 4385 engines
 - \$112 million
 - 7.7 tpd NOx
 - Great Change Out
 - 2134 devices
 - \$1.1 million
 - 10 tpy PM_{2.5}
 - Mow Down (since 1997)
 - 12072 mowers
 - \$1.5 million
 - 1.43 tpy NOx



E-85 Ethanol





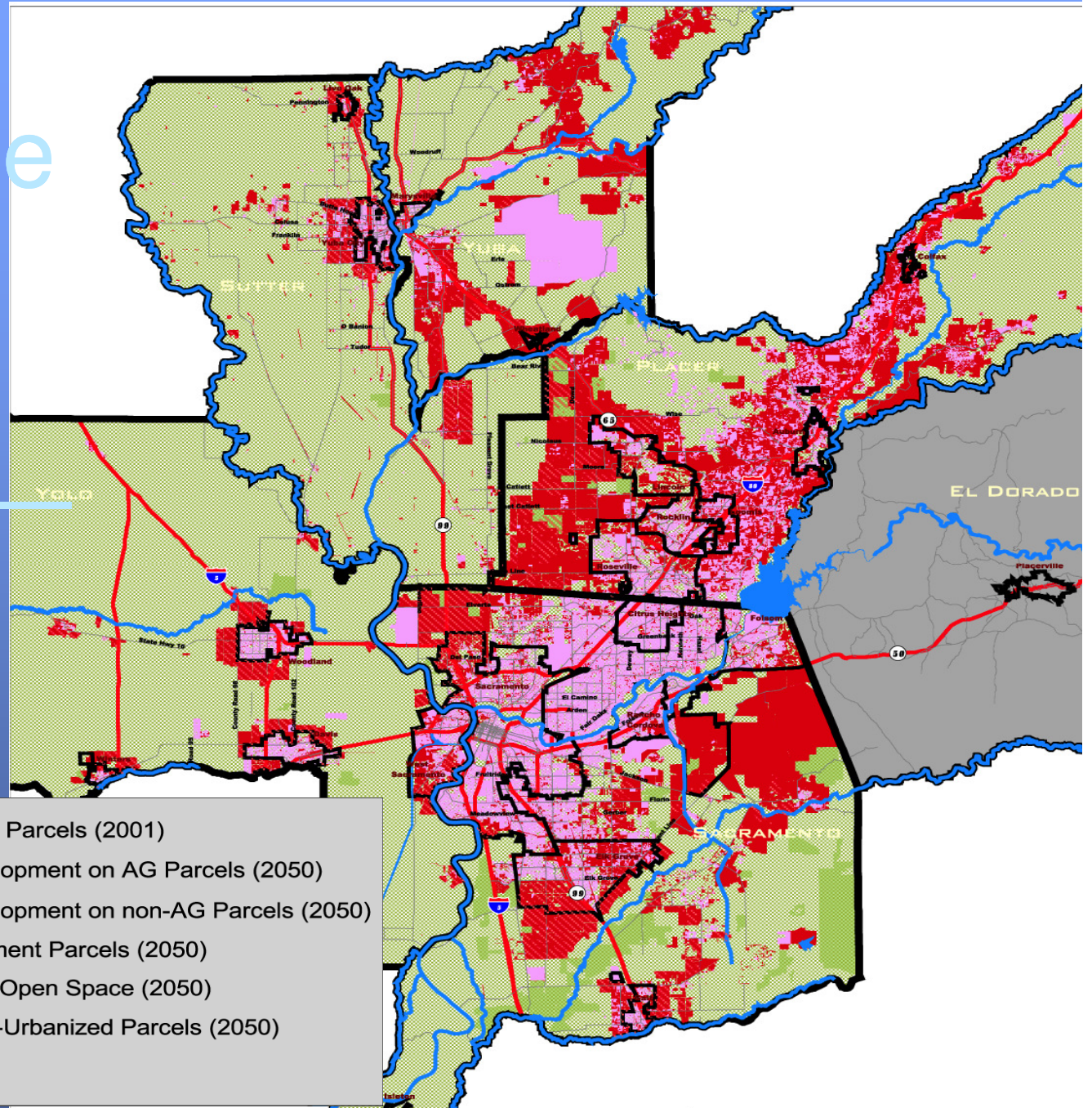
**Regional Visioning Plan
to reduce congestion
and environmental
impact of new growth**



**Plan for dealing with
urban rural interface
and preservation of
agricultural industry
and future.**

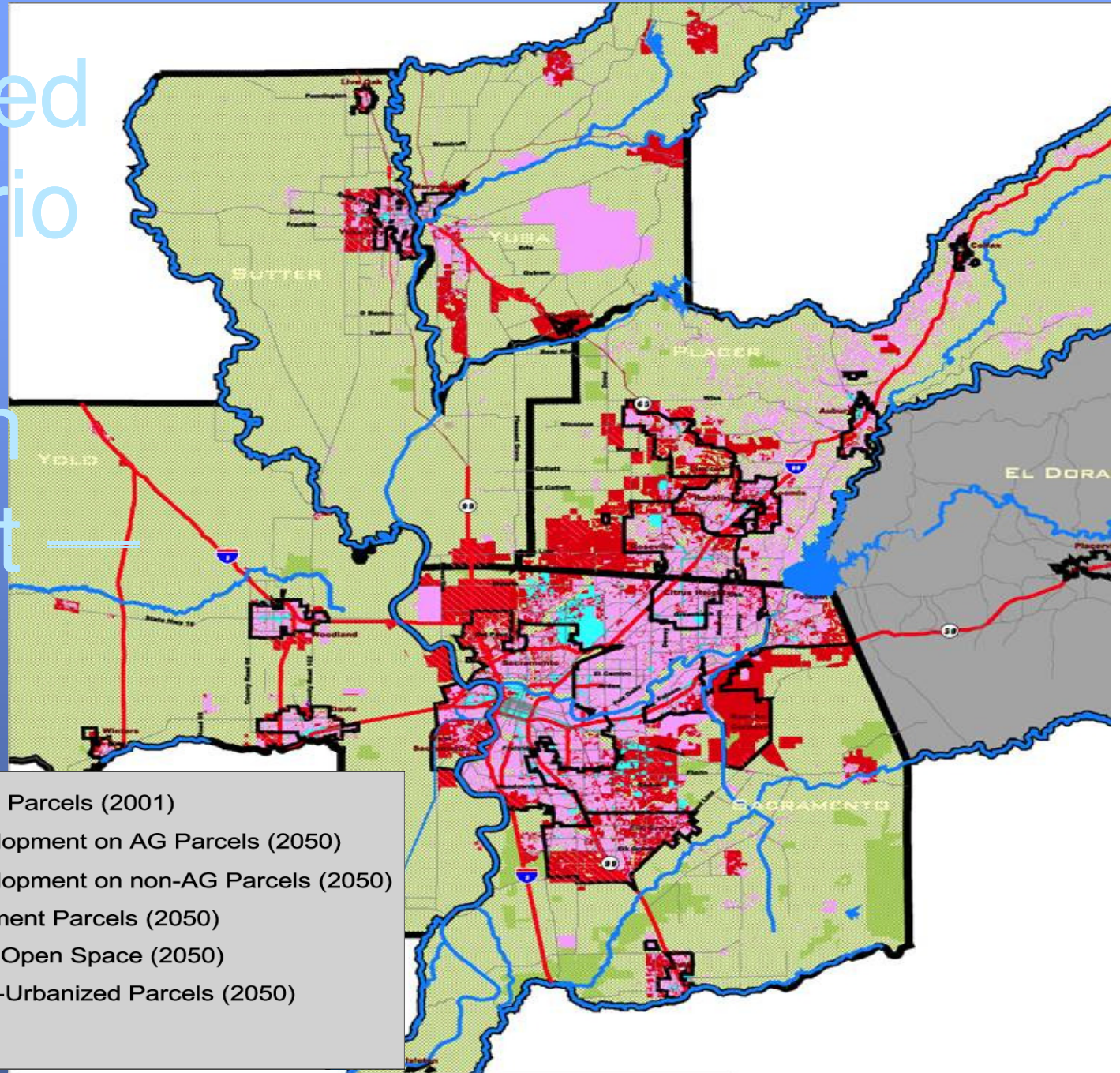
Base Case

Urban Footprint 2050



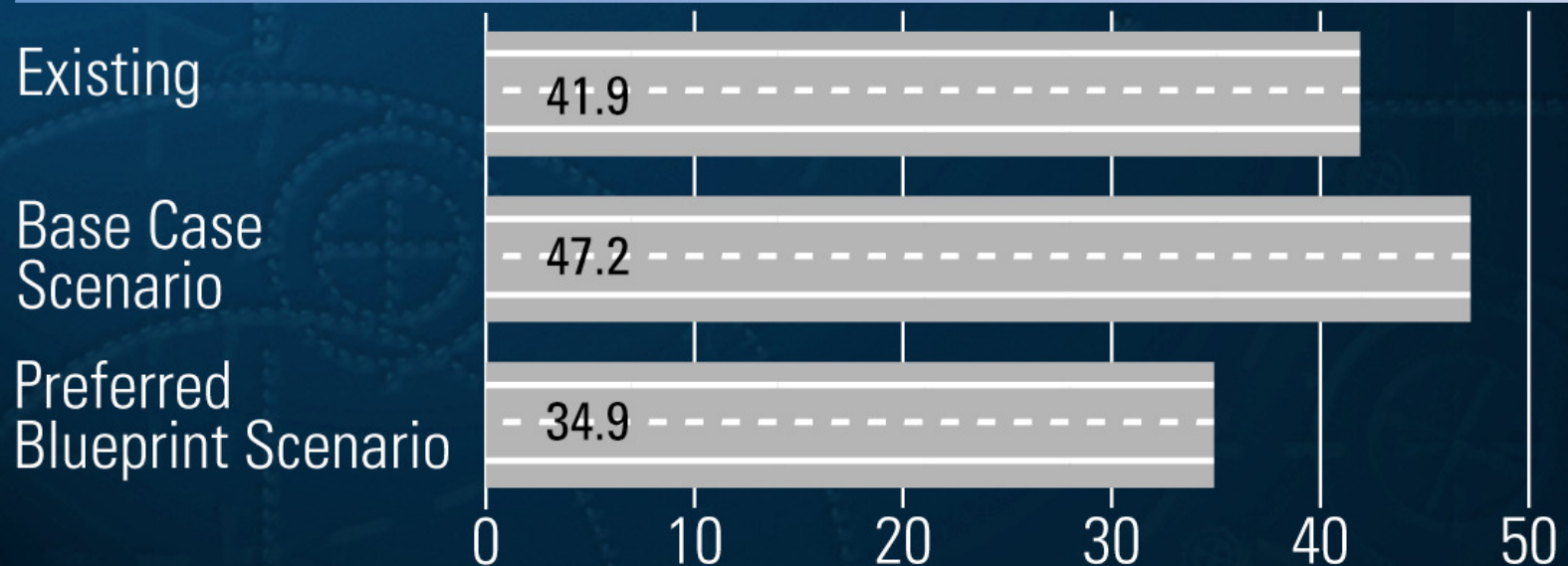
Preferred Scenario

Urban Footprint 2050



Shorter Trips

VEHICLE MILES TRAVELED *(per household per day)*



Common Blueprint / ISR Principles

- **Transportation Choices**
- **Housing Choices**
- **Compact Development**
- **Use Existing Assets**
- **Mixed Land Uses**
- **Natural Resources Conservation**
- **Quality Design**





Urban and Suburban infill must be high quality and meet the needs of the communities



Parking Policies are important in the cities

How GHG Reduction provides other benefits

- Creation of “green jobs” is a primary goal
 - Example: AB 811- Municipalities fund installation of energy efficiency projects
 - 1/2 \$billion in stimulus money and other funding
 - Creation and relocation business





Electric Power to Southwest Plane at Sac Metro



Bike Storage at EPA Building

Outreach



Community Outreach

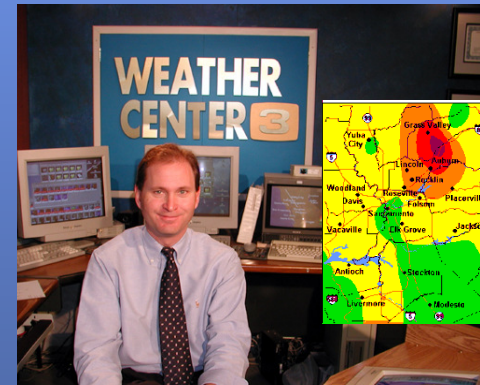
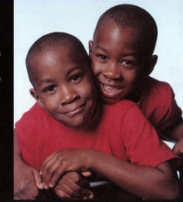
- Regional Spare The Air campaign
 - Regional forecasting and reporting program
 - Media partners
 - Cleaner Air Partnership
 - Winter Wood Smoke program
- “Check before you burn”

Sign up for AirAlert and protect our health this summer.

FREE personal air pollution alert sent directly to your e-mail, text pager or digital cell phone.



myAirAlert.net









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California

May is Bike Month



Newest Member of the District Bike to Work Team

Questions???