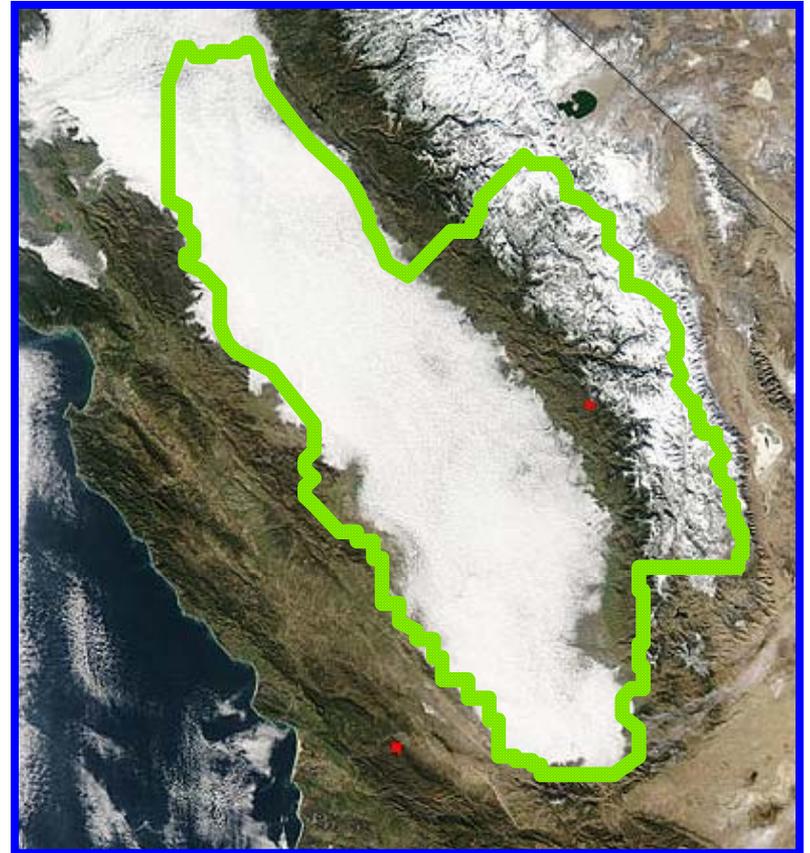


The Valley's Physical Environment Creates a Low Tolerance for Pollutant Emissions

- Surrounding mountains and meteorology create ideal conditions for trapping air pollution
- Chronic poverty and unemployment rates
- High rate of population growth
- I-5 and HWY 99 (Major transportation arteries)

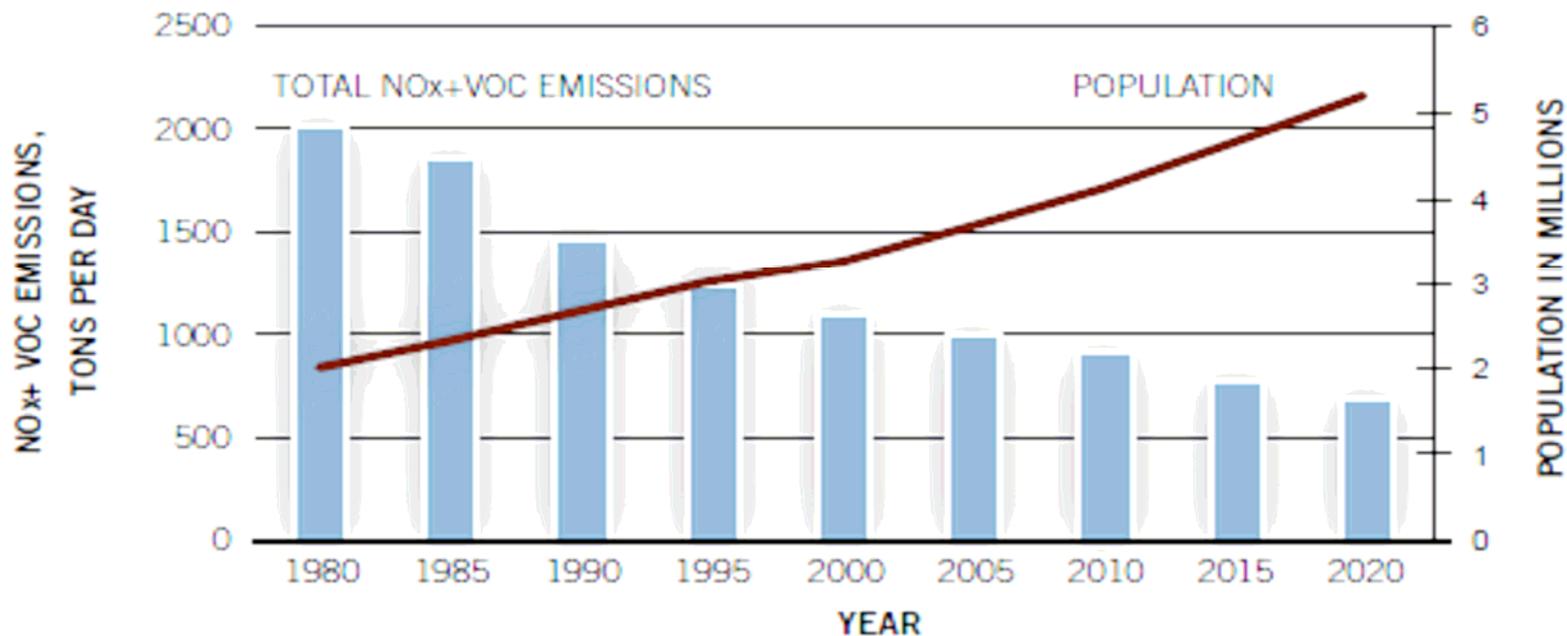


San Joaquin Valley Has Implemented Successful Clean Air Strategies

- 80% reduction in emissions from stationary sources
- Significant improvement in air quality
 - 83% reduction in ‘Unhealthy’ days
 - cleanest Winter on record (only 2 unhealthy days in 2010)
 - cleanest Summer on record (over 50% reduction in 8-hour ozone exceedances)

Population Growth Can Undermine Regulatory Progress, Offsetting Emissions Reductions

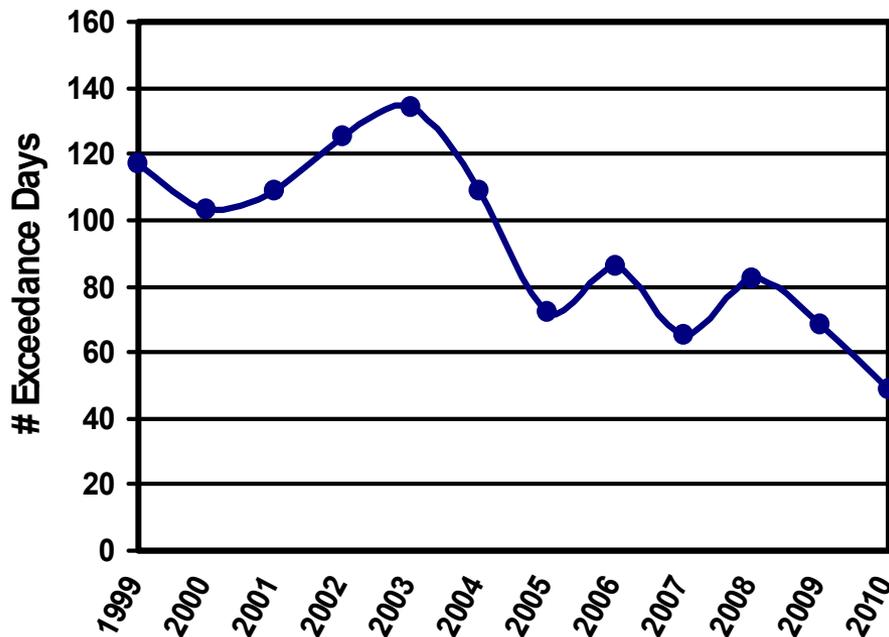
San Joaquin Valley Population Increases and Emissions Decreases



Emissions reflect ARB Almanac (2007) estimates and do not include emissions reductions from planned control measures.

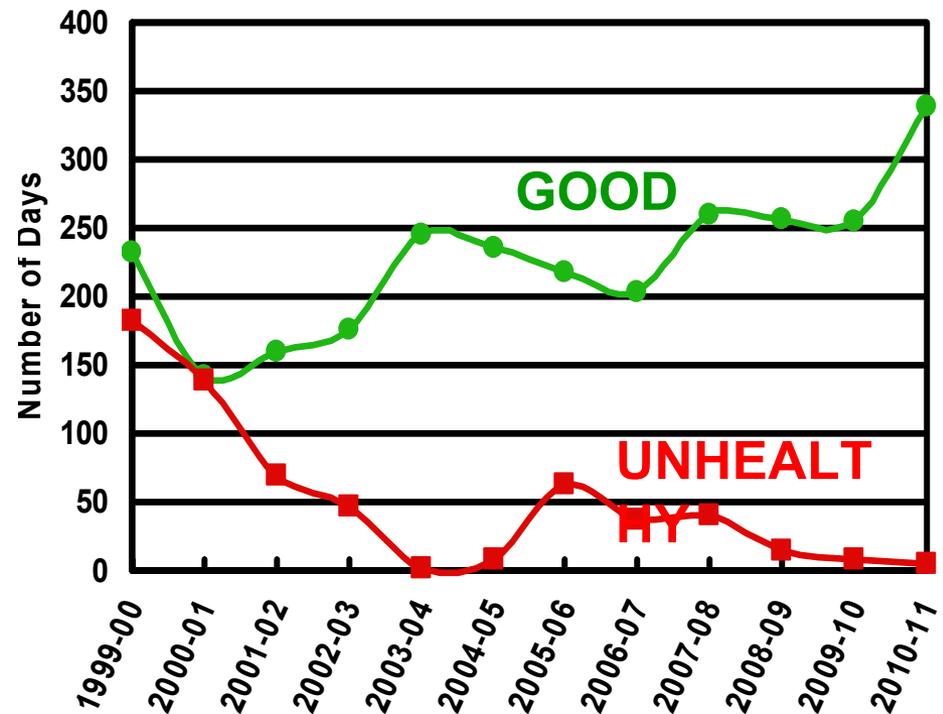
SJV Air Quality Progress

8-hr Ozone Exceedances



Summer

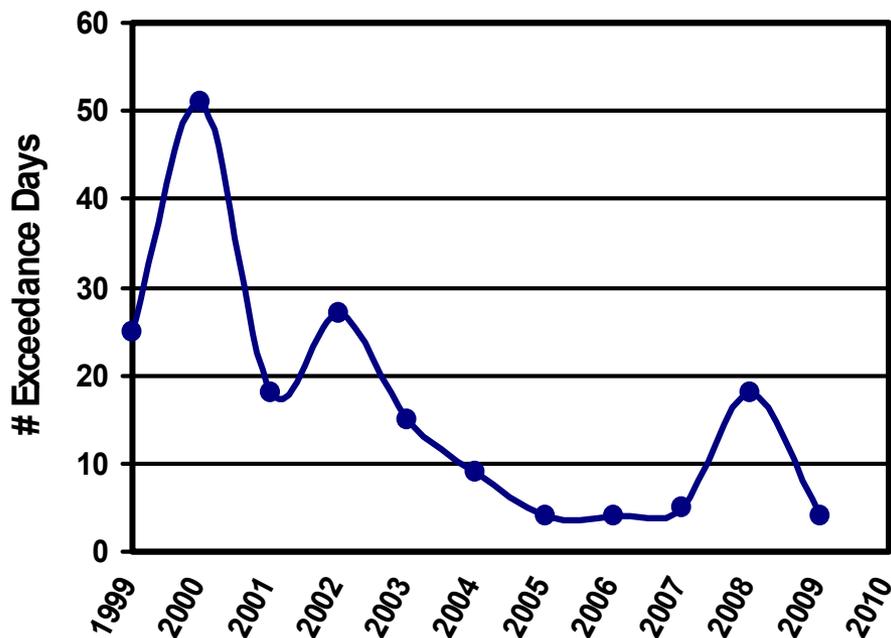
Days Per AQI Category



Winter

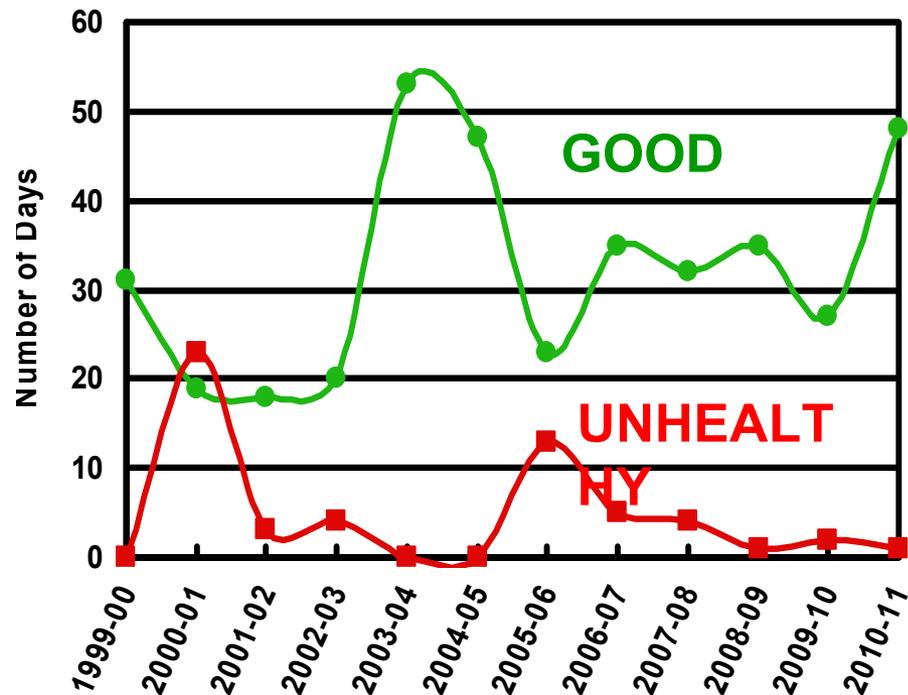
Kings County Air Quality Progress

8-hr Ozone Exceedances



Summer

Days Per AQI Category

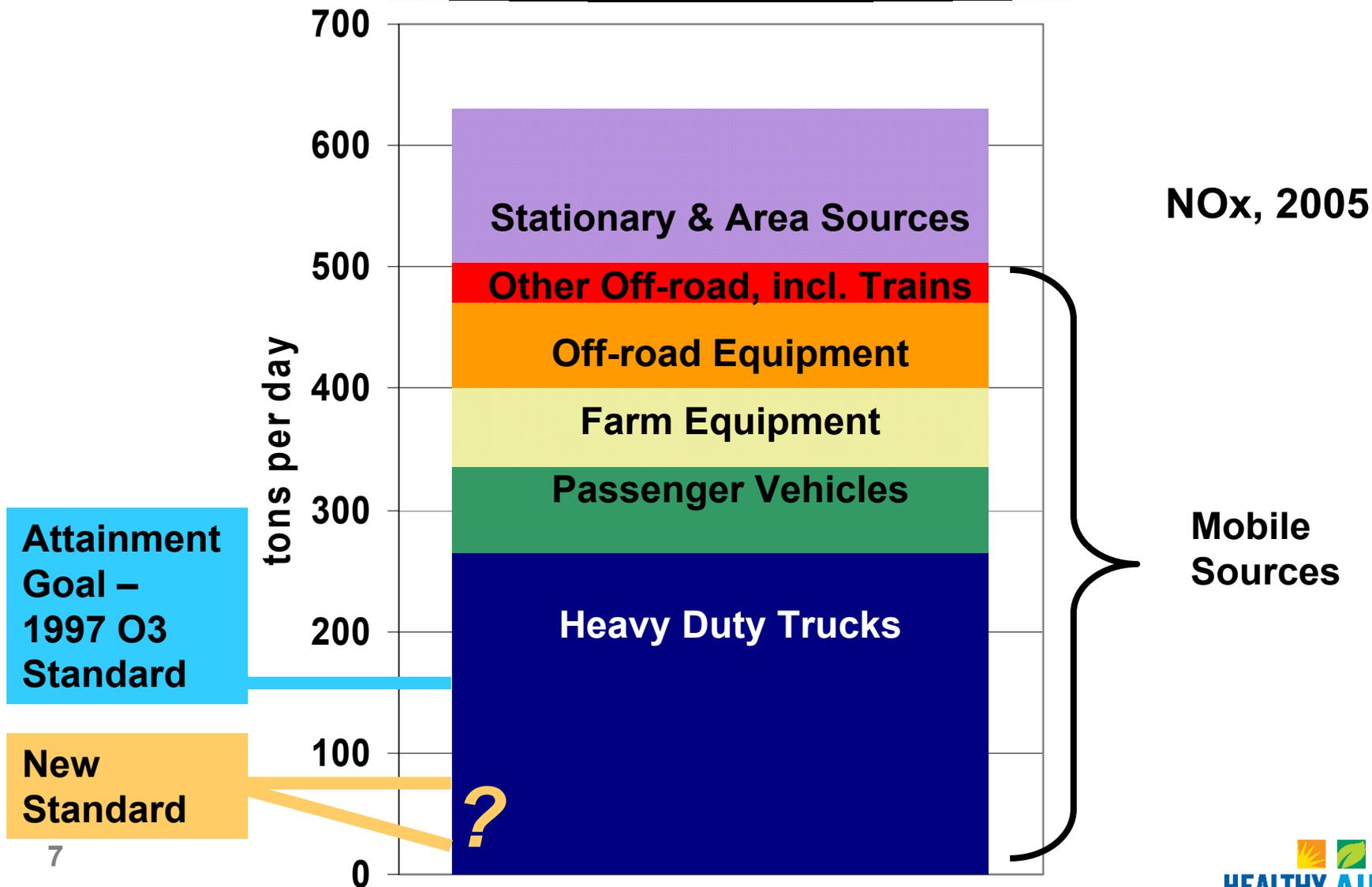


Winter

Core Values of Your Valley Air District

- ✓ Protection of Public Health
- ✓ Active and effective air pollution control efforts with minimal disruption to the Valley's economic prosperity
- ✓ Outstanding Customer Service
- ✓ Open and Transparent Public Processes
- ✓ Ingenuity and Innovation
- ✓ Effective and Efficient Use of Public Funds
- ✓ Respect for the Opinions and Interests of All Valley Residents

Sources of Air Pollution in the San Joaquin Valley



Federal Mandates and Sanctions

- Federal mandates dictate District actions
- Federal Sanctions
 - De-facto ban on new businesses and expansion of exiting businesses
 - Loss of federal highway funds
 - Federal takeover (FIP) – loss of local control (sanctions will continue in the meantime)
- District goal to provide local control in meeting federal mandates

Innovative and Transformative Measures Needed to Address Air Quality Challenge

- New federal standards approaching Valley's natural "background" levels
- Additional 80-90% emissions reductions needed to meet new Federal standards
- Innovative and transformative measures
- Investment in new technology
- Pollution transport from other areas (overseas) is policy relevant
- **Public Participation** – Clean air goals CANNOT be met on back of businesses alone
- Healthy Air Living initiative

Significantly Increased Grant Funding

School Buses (replace & retrofit)	\$ 54,506,400
Energy Efficiency	3,844,300
Gross polluting vehicle repair & replacement	4,700,000
Residential lawn mower replacements	912,300
Commercial lawn equipment	500,000
Fireplace change-out	500,000
Vanpools, hybrid/electric/CNG vehicles, bike paths, park & ride, public transit subsidies	2,809,800
Public Service clean air projects through local government	10,000,000
GHG support for cities and counties	250,000
Technology Advancement	3,000,000
Agricultural Pumps (repower & electrification)	7,202,400
Farm Equipment (Ag tractors, harvesters, etc.)	27,272,400
Trucks (replace, repower, & retrofit)	63,170,000
Locomotives (line haul, passenger, switcher)	31,000,000
Construction Equipment (replace, repower, & retrofit)	4,950,000
Alternative Fuel Infrastructure	3,255,700
Total Incentive Grants Available in 2011/2012	\$ 217,873,300