

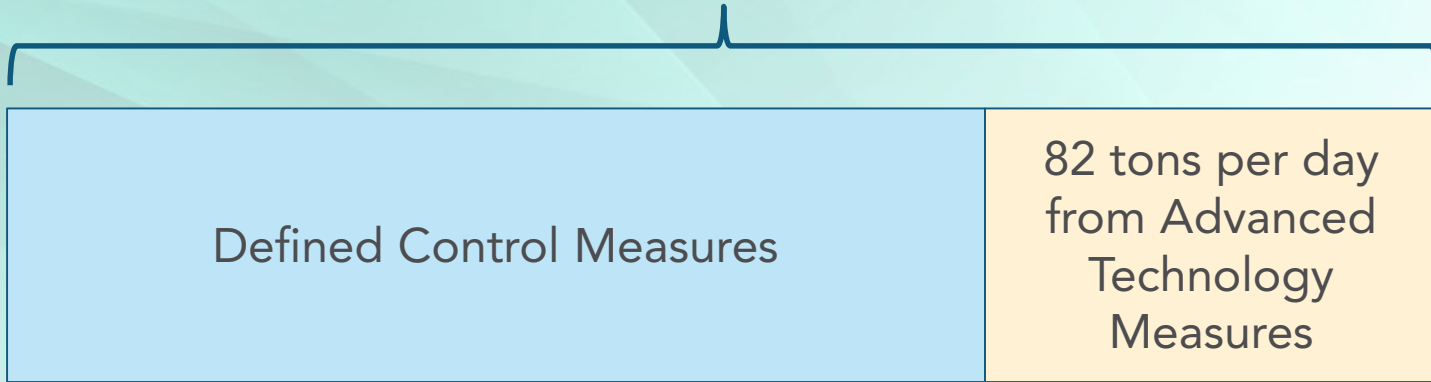


Progress Report on San Joaquin Valley Emissions Reductions for the 0.08 Parts Per Million 8-Hour Ozone Standard

November 21, 2019

2007 Ozone Plan Control Strategy

NOx emissions reductions needed
for attainment demonstration



Purpose of this Report:

- ✓ Update attainment modeling with updated inventory
- ✓ Demonstrate that all reductions needed are coming from defined measures

Updated Modeling

- ✓ Emissions reductions from implementation of CARB and District measures are reflected, including Truck and Bus Regulation, Off-Road Regulation, and stationary source rules
- ✓ **All sites attain 0.08 ppm standard by 2023**
 - **12 sites predicted to also attain 0.075 ppm standard**
- ✓ 2023 attainment targets confirmed

Progress Report Update

NOx emissions reductions needed
for attainment demonstration



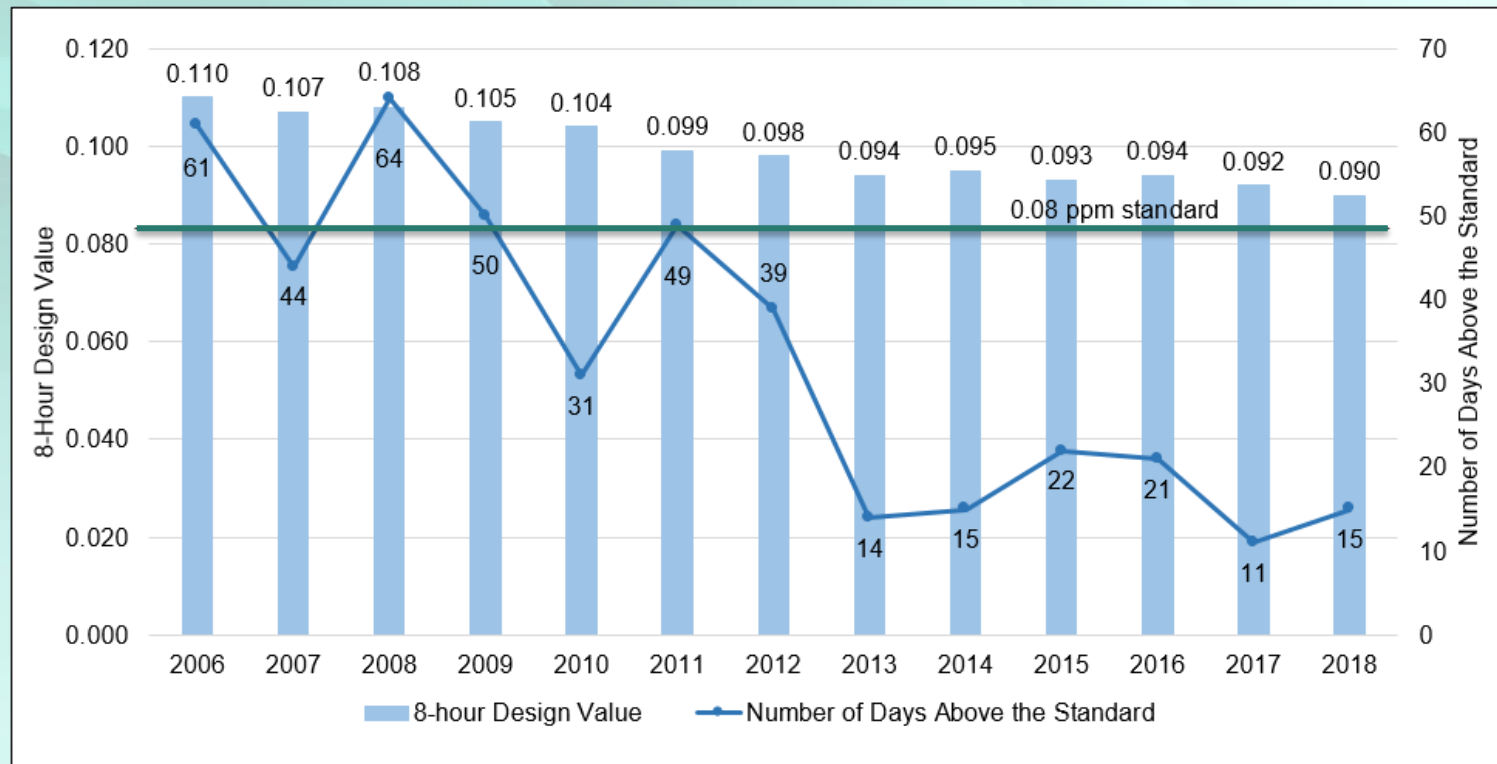
Defined Control Measures



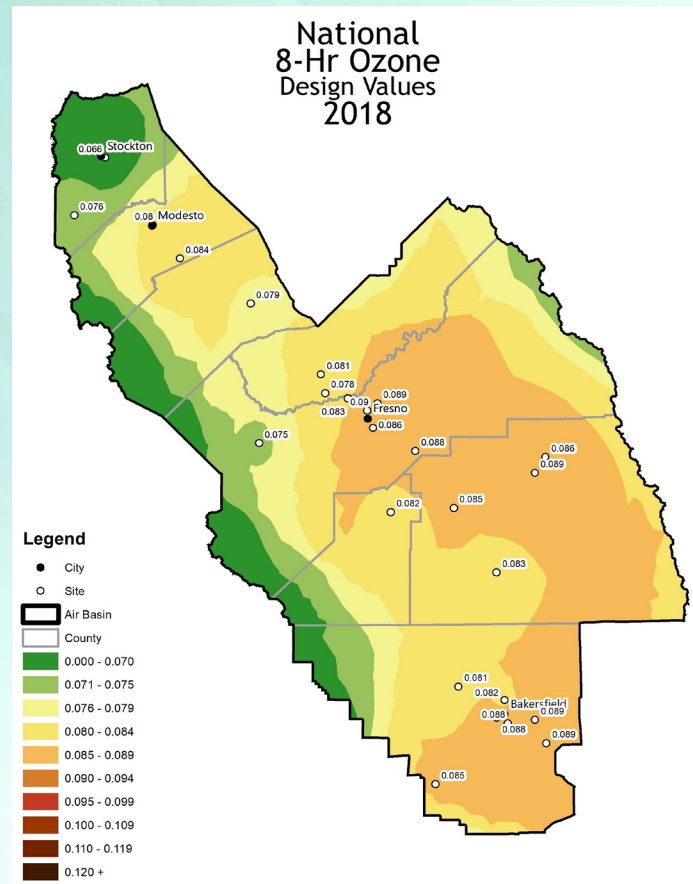
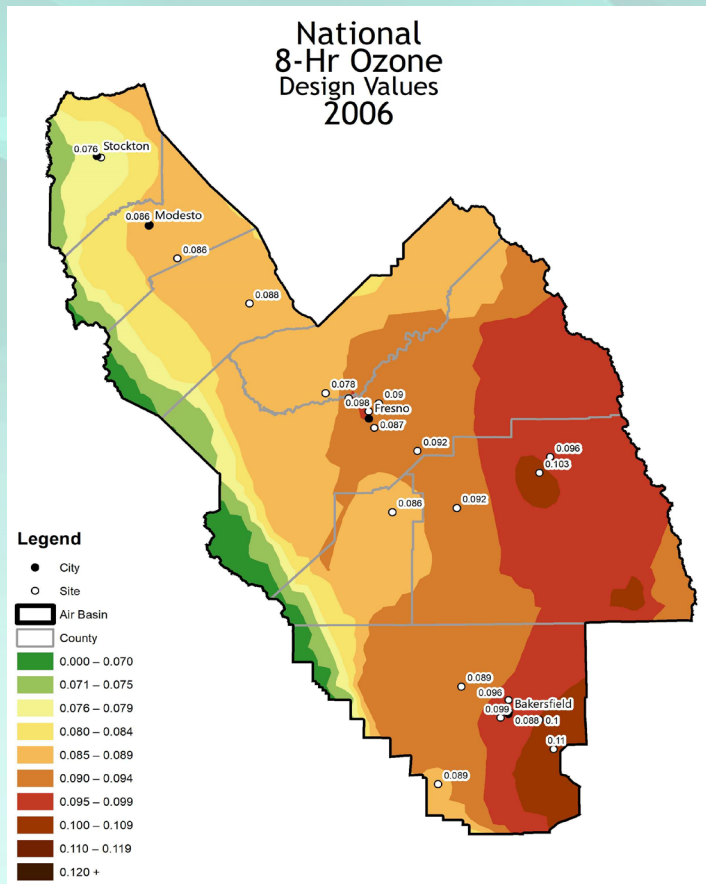
Clean Air Act Requirements Met:

- ✓ Advanced technology measures have been defined
- ✓ Contingency for advanced technology measures no longer required

Improvement in Valley Ozone Air Quality



Fewer People Breathing Unhealthy Air



More Stringent 75 ppb Standard

- Valley on track to attain by 2031
- EPA approved SIP in 2019
- NOx reductions from ongoing control programs
- Additional NOx reductions from Valley State SIP Strategy commitments

Staff Recommendation

- Adopt the Progress Report
- Direct the Executive Officer to submit to U.S. EPA as a revision to the California SIP