

Revised Ozone Standard

What EPA is Doing To Help States

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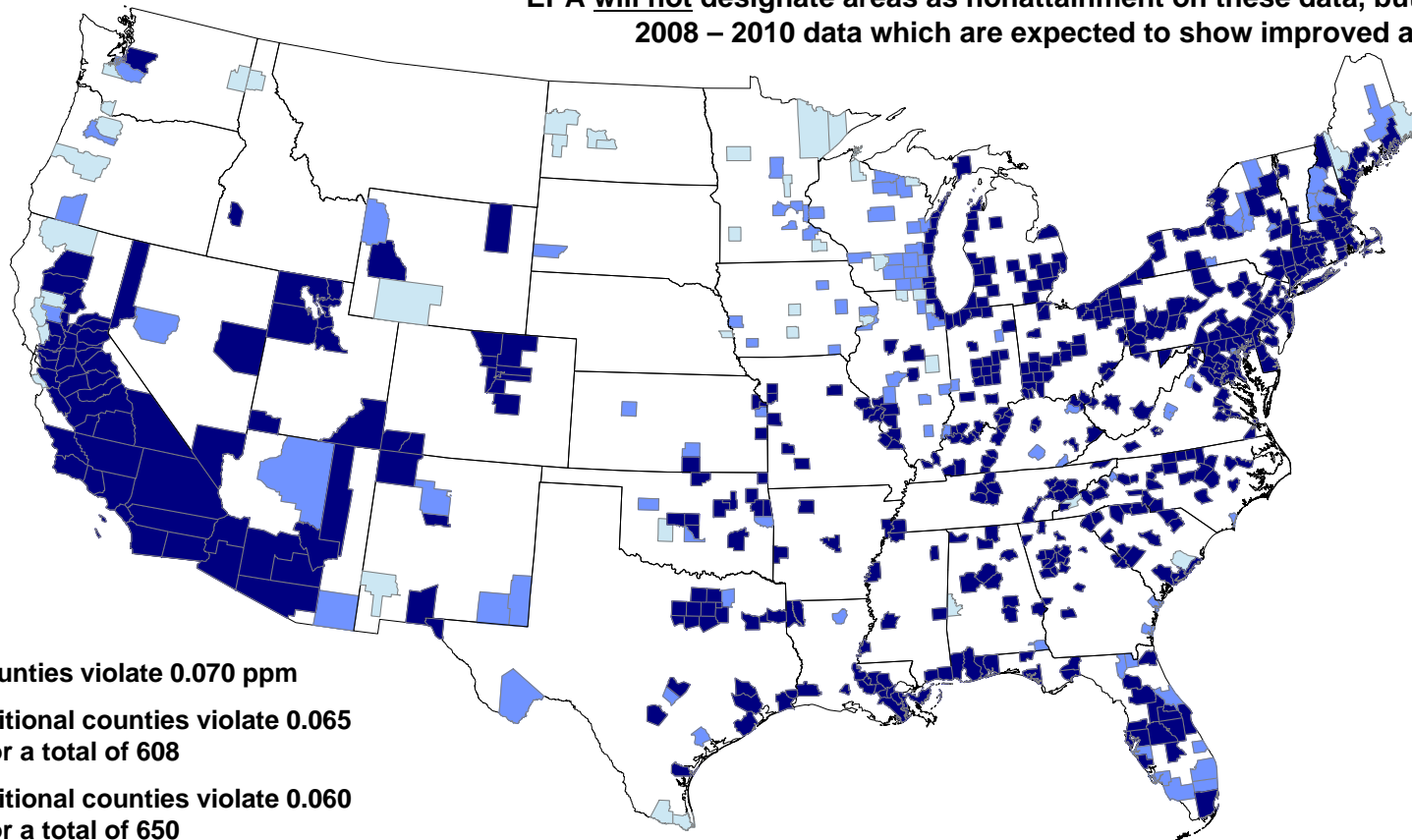
RAQC Meeting, Denver, CO

October 1, 2010

Counties With Monitors Violating Proposed Primary 8-hour Ground-level Ozone Standards of 0.060 - 0.070 parts per million

(Based on 2006 – 2008 Air Quality Data)

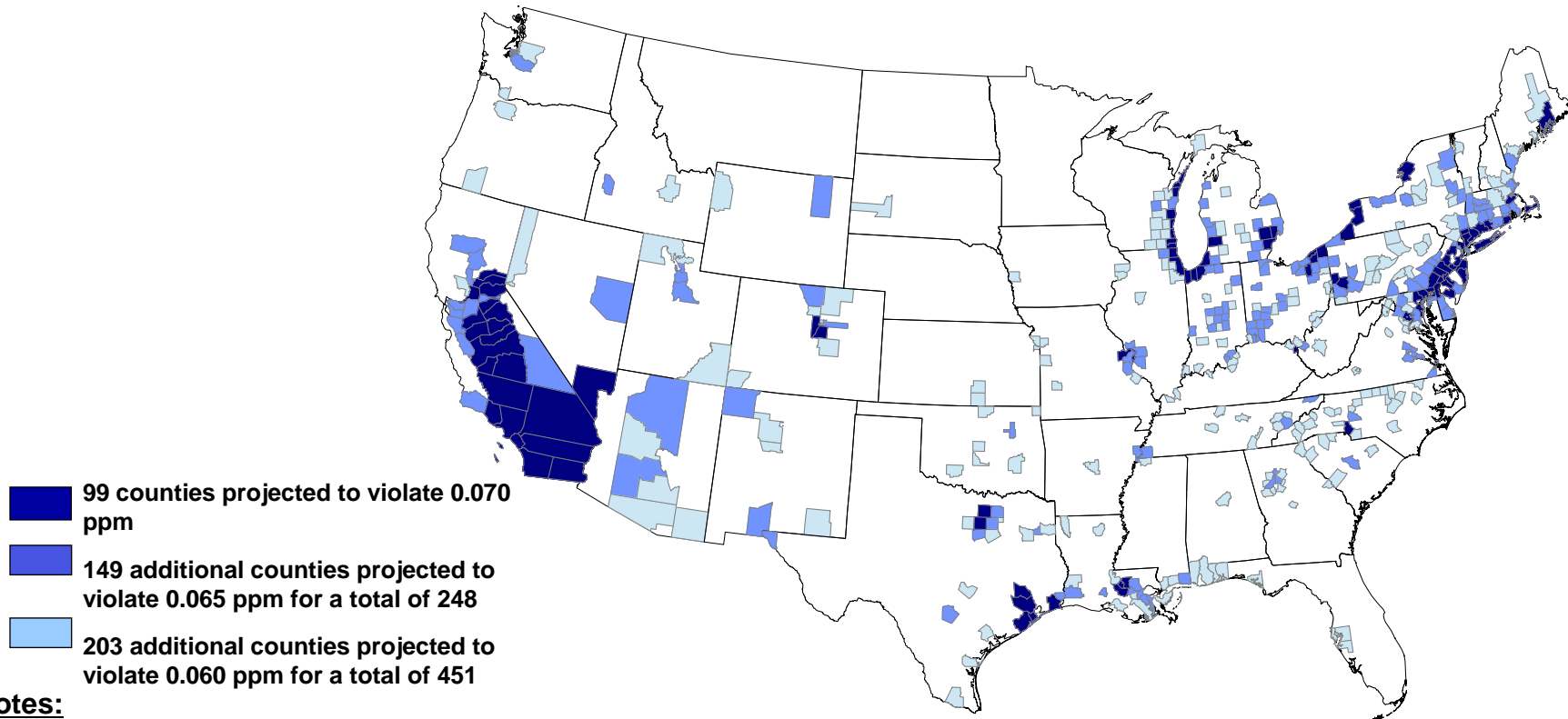
EPA will not designate areas as nonattainment on these data, but likely on 2008 – 2010 data which are expected to show improved air quality.



Notes:

1. No monitored counties outside the continental U.S. violate.
2. EPA is proposing to determine compliance with a revised primary ozone standard by rounding the 3-year average to three decimal places.

Counties With Monitors Projected to Violate the Proposed Primary 8-hour Ground-Level Ozone Standards in 2020 0.060 - 0.070 parts per million



Notes:

1. The modeled emissions in 2020 reflect the expected emissions reductions from federal programs by 2020 including: the Clean Air Interstate Rule, the Clean Air Mercury Rule, the Clean Air Visibility Rule, the Clean Air Nonroad Diesel Rule, the Light-Duty Vehicle Tier 2 Rule, the Heavy Duty Diesel Rule, the proposed rules for Locomotive and Marine Vessels and for Small Spark-Ignition Engines, and an estimate of State-level mobile and stationary source controls that were projected to be needed to attain pre-existing PM 2.5 and ozone standards.
2. Controls applied are illustrative. States may choose to apply different control strategies for implementation.
3. EPA did not model future violations outside the continental U.S.
4. EPA is proposing to determine compliance with a revised primary ozone standard by rounding the 3-year average to three decimal places.

Anticipated 2010 Ozone NAAQS Milestones

All dates tentative

- NAAQS promulgation and proposal of implementation rule Oct. 2010
- Designations effective Oct. 2011
- 110(a) SIPs due Oct. 2013
- Attainment demo due Feb. 2014 (to be proposed)
- Attainment date Dec. 2018 (moderate)

Federal Rules

Several Federal measures will reduce ozone:

- Clean Air Interstate Rule
- Clean Air Mercury Rule
- Clean Air Visibility Rule
- Clean Air Nonroad Diesel Rule
- Light-Duty Vehicle Tier 2 Rule
- Heavy Duty Diesel Rule
- Proposed rules for Locomotive and Marine Vessels and for Small Spark-Ignition Engines

Incorporating EE and Other Measures in SIPs

- We are continuing to work with areas interested in including voluntary and emerging measures in SIPs
- Energy efficiency/renewable energy measures are also of particular interest. We are:
 - Developing a roadmap manual from existing EPA guidance to facilitate incorporation of EE/RE measures in SIPs
 - Investigating the feasibility of producing revised future attainment year baselines for the utility sector that States might use in their SIPs (incorporating reductions from state EE/RE programs)
 - Currently working with:
 - CT to incorporate their EE/RE programs, including state renewable portfolio standard (RPS) into their SIP
 - NM to figure out best path to account in their SIP for their impressive collection of EE/RE programs
 - We are interested in working with a third state

New Resources

- **NEW** resources, available now:
 - Training materials (web modules, webinars, course materials)
<http://www.epa.gov/air/oaqps/eog/>
 - SIP development and status website
<http://www.epa.gov/air/urbanair/sipstatus/>
- **NEW** resources, available later this year:
 - Menu of NO_x/VOC regulatory control measures
 - SIP guidance materials database
 - Local measures website
 - List of existing state and Regional Office “best practices”
 - Additional guidance on incorporation of energy efficiency measures in SIPs

Next Steps

- National attainment modeling
- National presumptive RACT
- Increased focus on encouraging local reductions

We're in this together!

EPA HQ

EPA Regional Offices

States

Tribes

Local areas