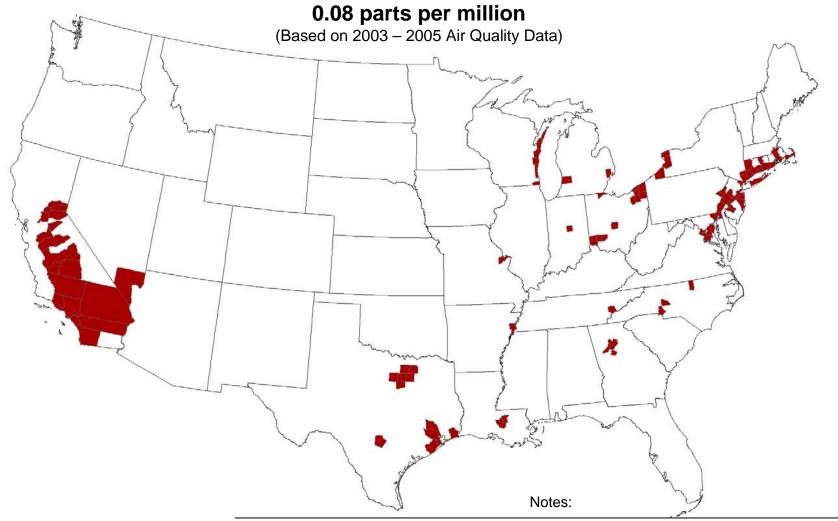


MAPS



Counties With Monitors Violating the Current Primary 8-hour Ozone Standard 0.08 parts per million



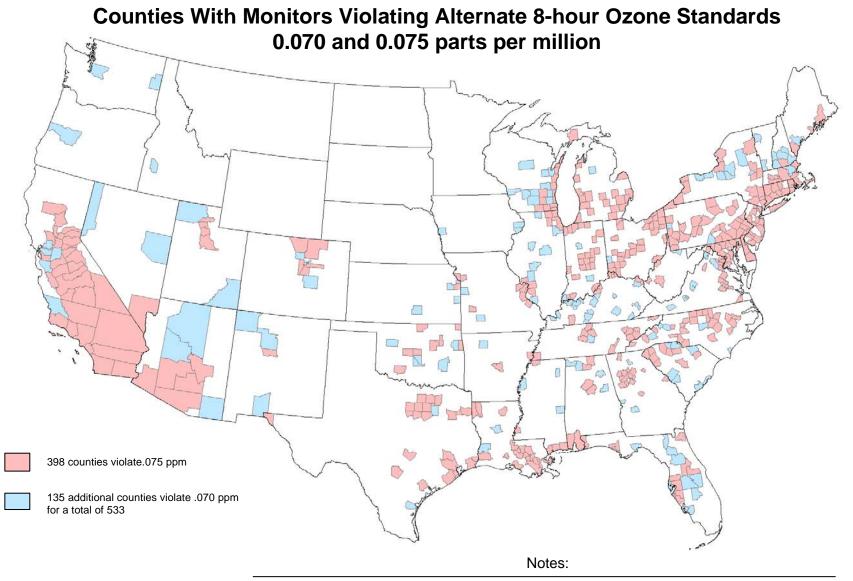
¹ 104 of 639 monitored counties violate.

² No monitored counties outside the continental U.S. violate.

³ Monitored data can be obtained from the AQS system at http://www.epa.gov/ttn/airs/airsaqs/

⁴ The current standard of 0.08 ppm is effectively expressed as 0.084 ppm when rounding conventions are applied.





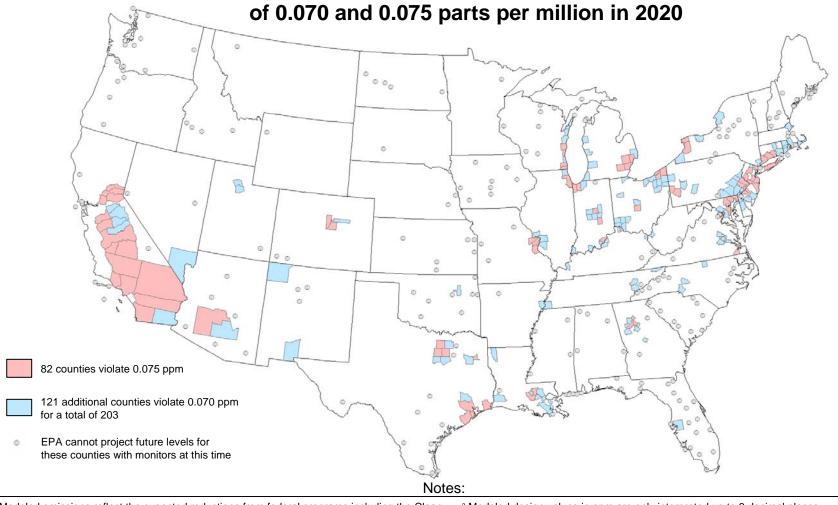
¹ 398 of 639 monitored counties violate 0.075, 533 of 639 monitored counties violate 0.070.

² No monitored counties outside the continental U.S. violate.

³ Monitored data can be obtained from the AQS system at http://www.epa.gov/ttn/airs/airsaqs/



Counties With Monitors Projected to Violate Alternate 8-hour Ozone Standards of 0.070 and 0.075 parts per million in 2020



¹ Modeled emissions reflect the expected reductions from federal programs 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, proposed rules for Locomotive and Marine Vessels and for Small Spark-Ignition Engines, and state and local level mobile and stationary source controls identified for additional reductions in emissions for the purpose of attaining the current PM 2.5 and Ozone standards.

² Controls applied are illustrative. States may choose to apply different control strategies for implementation.

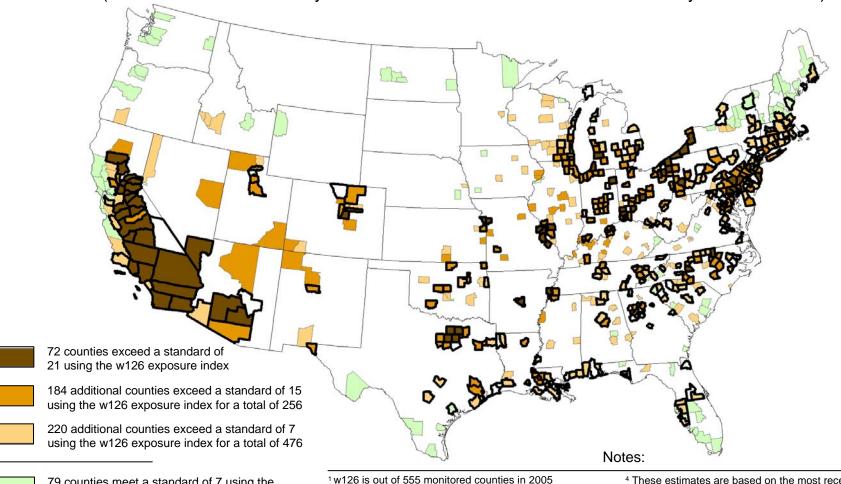
³ Modeled design values in ppm are only interpreted up to 3 decimal places.

⁴ Consistent with current modeling guidance, EPA did not project 2020 concentrations for counties where 2001 base year concentrations were less than recommended criterion. Such projections may not represent expected future levels. These counties are shown on the map with a grey dot.



Status of Counties with Monitors – Proposed Alternative w126 Index Secondary Standard and 8-hour 0.075 Ozone Primary Standard

(Based on 2005 Air Quality Data for the w126 and 2003-2005 Air Quality Data for 0.075)



⁷⁹ counties meet a standard of 7 using the w126 exposure index for a total of 555

Outlined in heavy black are the 398 counties that exceed the 0.075 alternate 8-hr primary standard

² No monitored counties outside the continental U.S. violate

³ Monitored data can be obtained from the AQS system at http://www.epa.gov/ttn/airs/airsaqs/

⁴ These estimates are based on the most recent data (2005). EPA will <u>not</u> designate areas as nonattainment on these data, but likely on 2006 - 2008 data which we expect to show improved air quality.

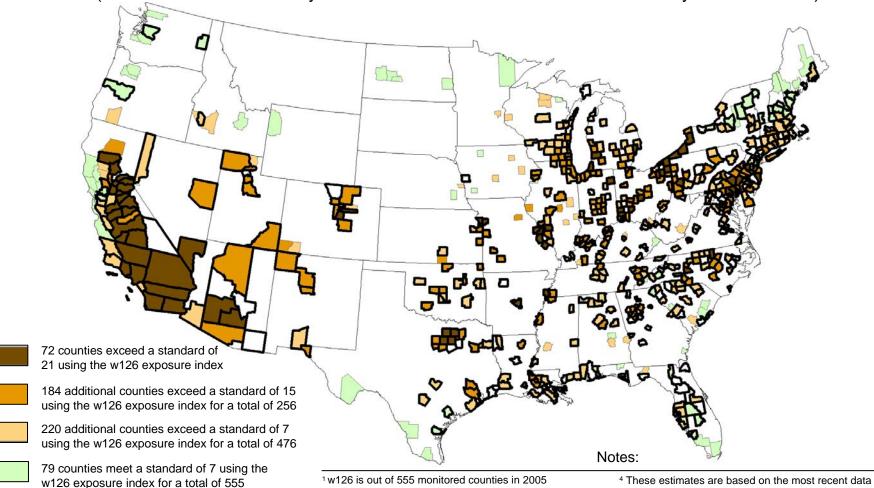


Outlined in heavy black are the 533 counties that

exceed the 0.070 alternate 8-hr primary standard

Counties With Monitors Violating Alternative w126 Exposure Index Secondary Standard and 8-hour 0.070 Ozone Primary Standard

(Based on 2005 Air Quality Data for the w126 and 2003-2005 Air Quality Data for 0.070)



 $^{^{\}rm 2}$ No monitored counties outside the continental U.S. violate

³ Monitored data can be obtained from the AQS system at http://www.epa.gov/ttn/airs/airsaqs/

⁴ These estimates are based on the most recent data (2005). EPA will <u>not</u> designate areas as nonattainment on these data, but likely on 2006 - 2008 data which we expect to show improved air quality.