



Augusta Air Quality Update



Jimmy Johnston

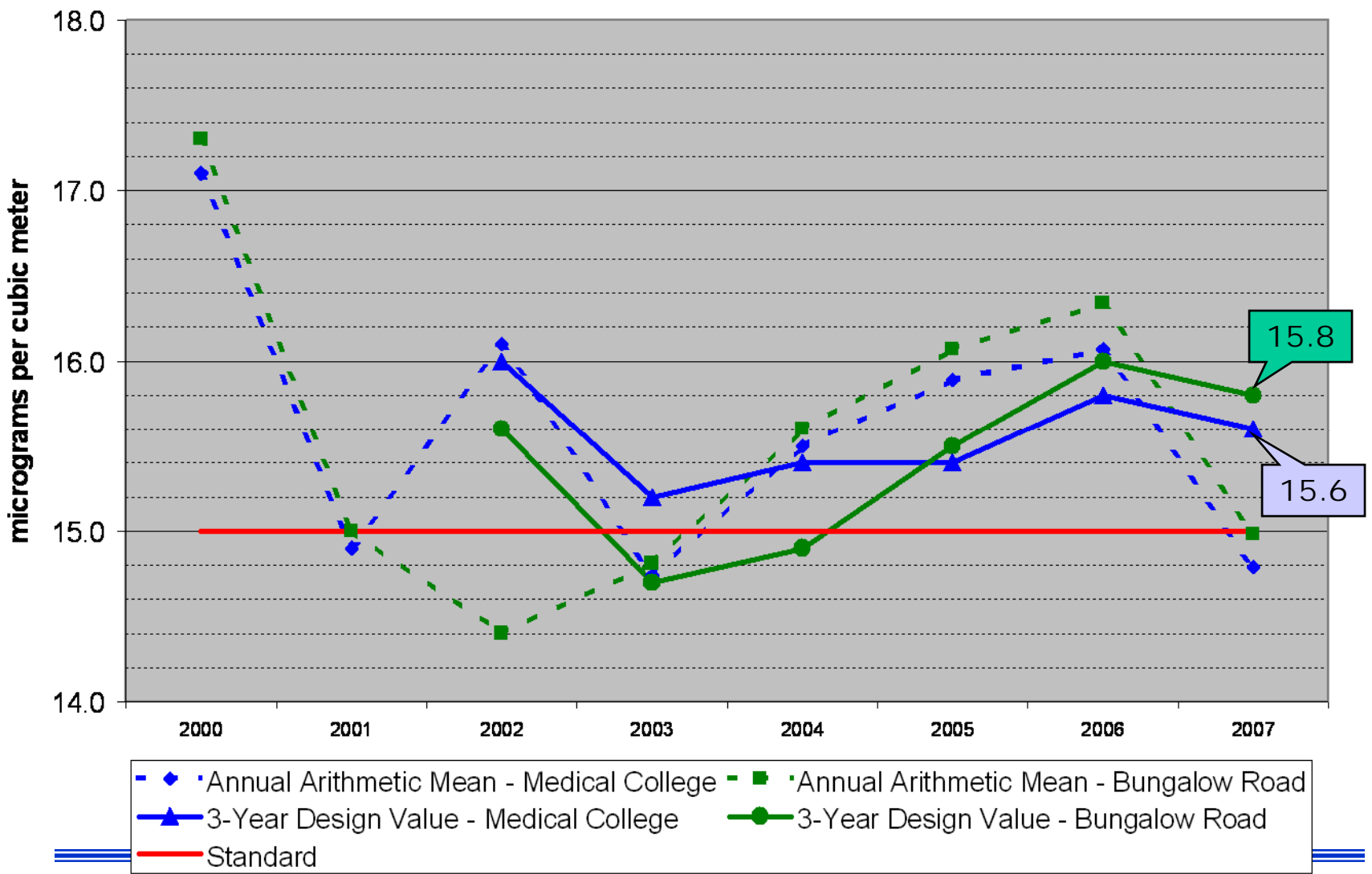
Georgia Air Protection Branch

March 27, 2008



Annual PM2.5 Standard

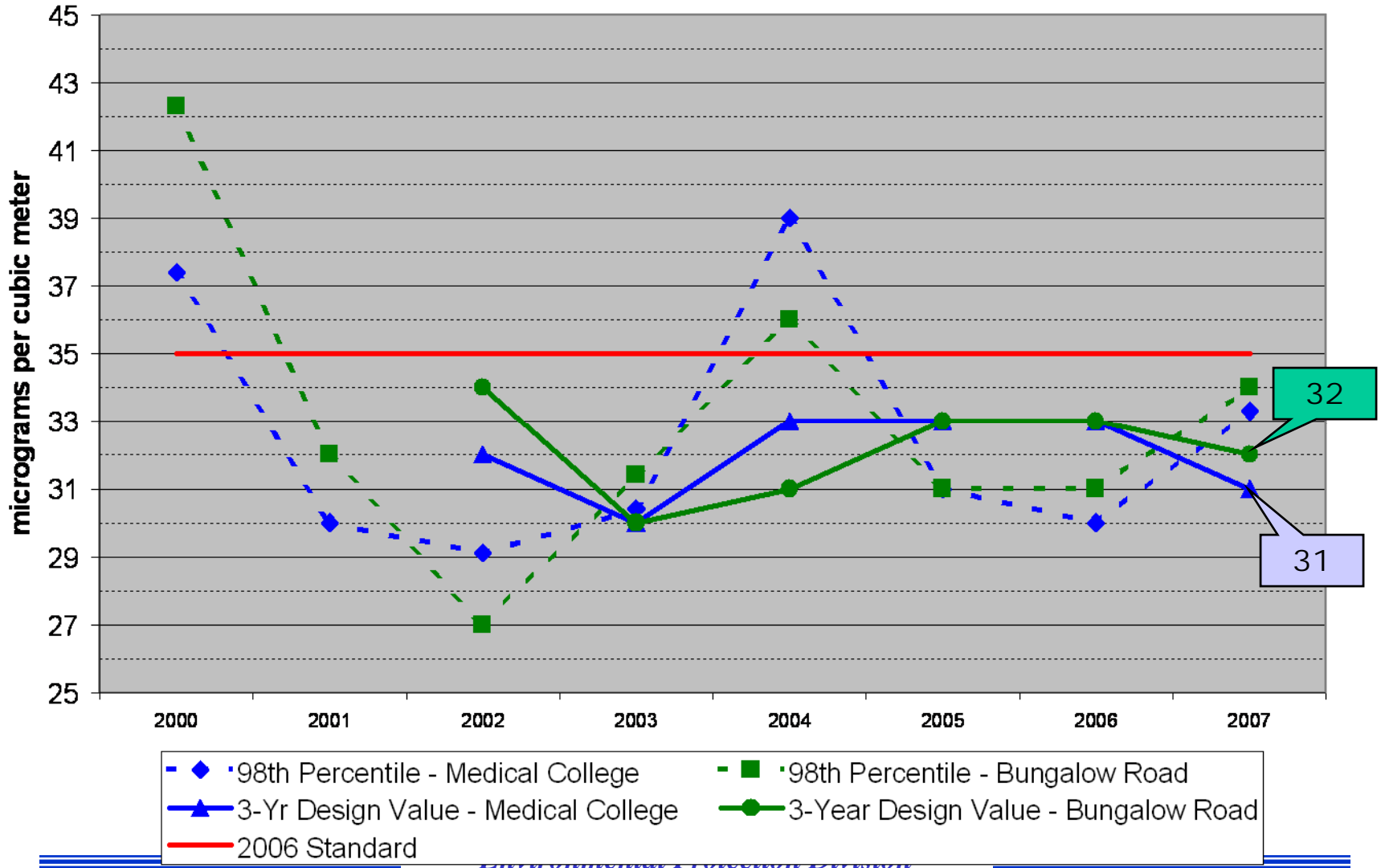
2007 Data is Not Official





24-Hour PM2.5 Standard

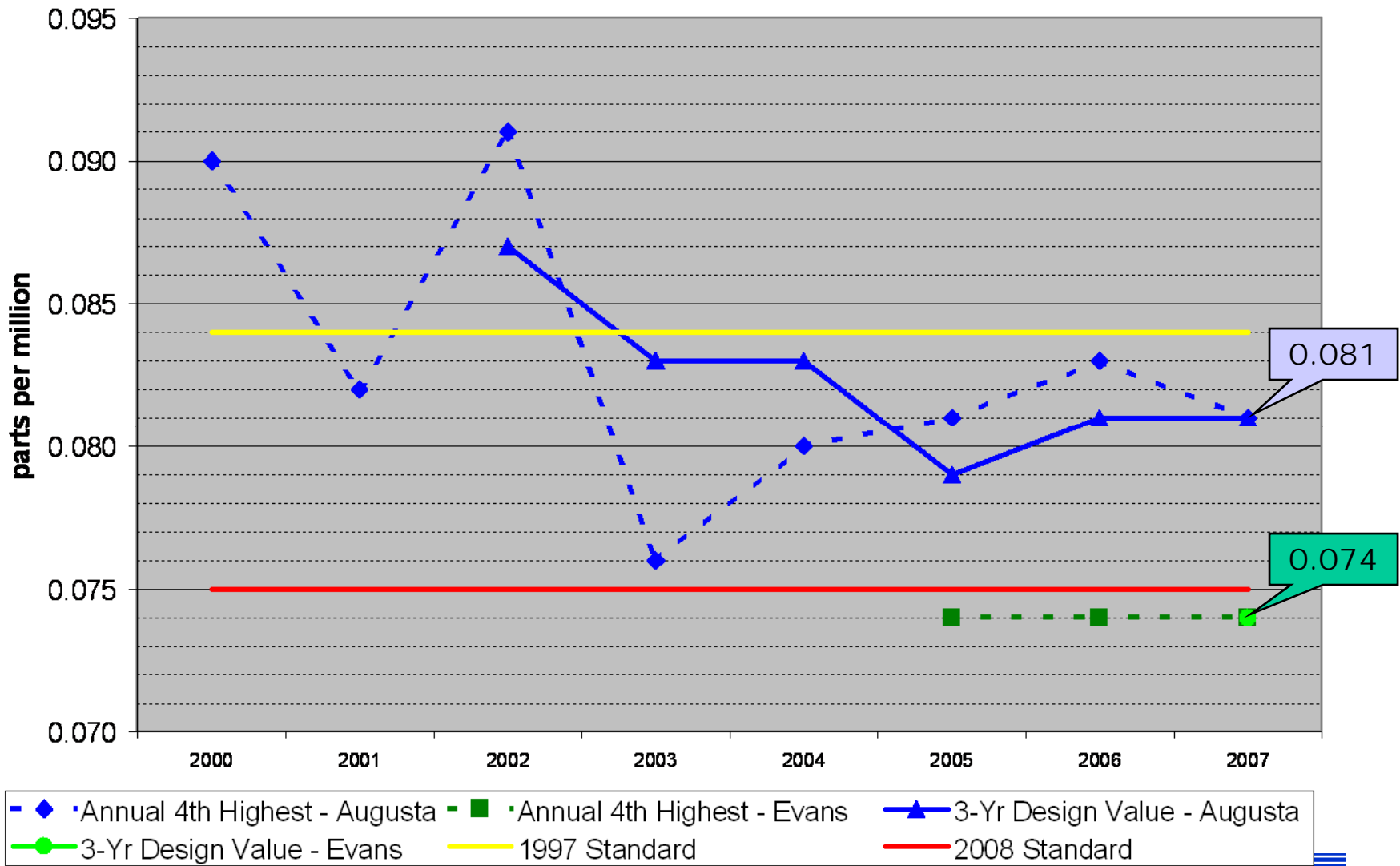
2007 Data is Not Official

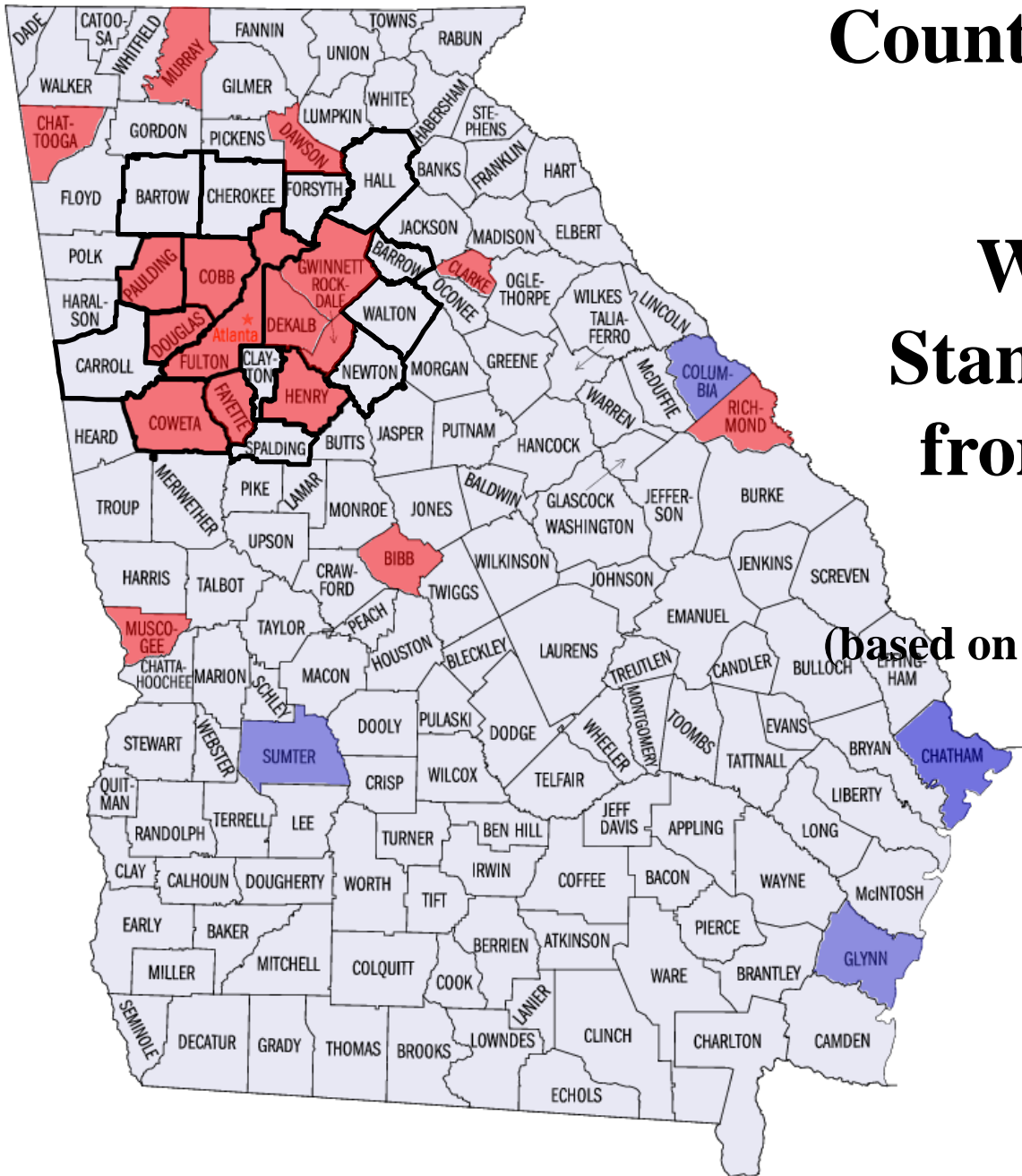




Ozone Standard

2007 Data is Not Official





Counties with Ozone Monitors

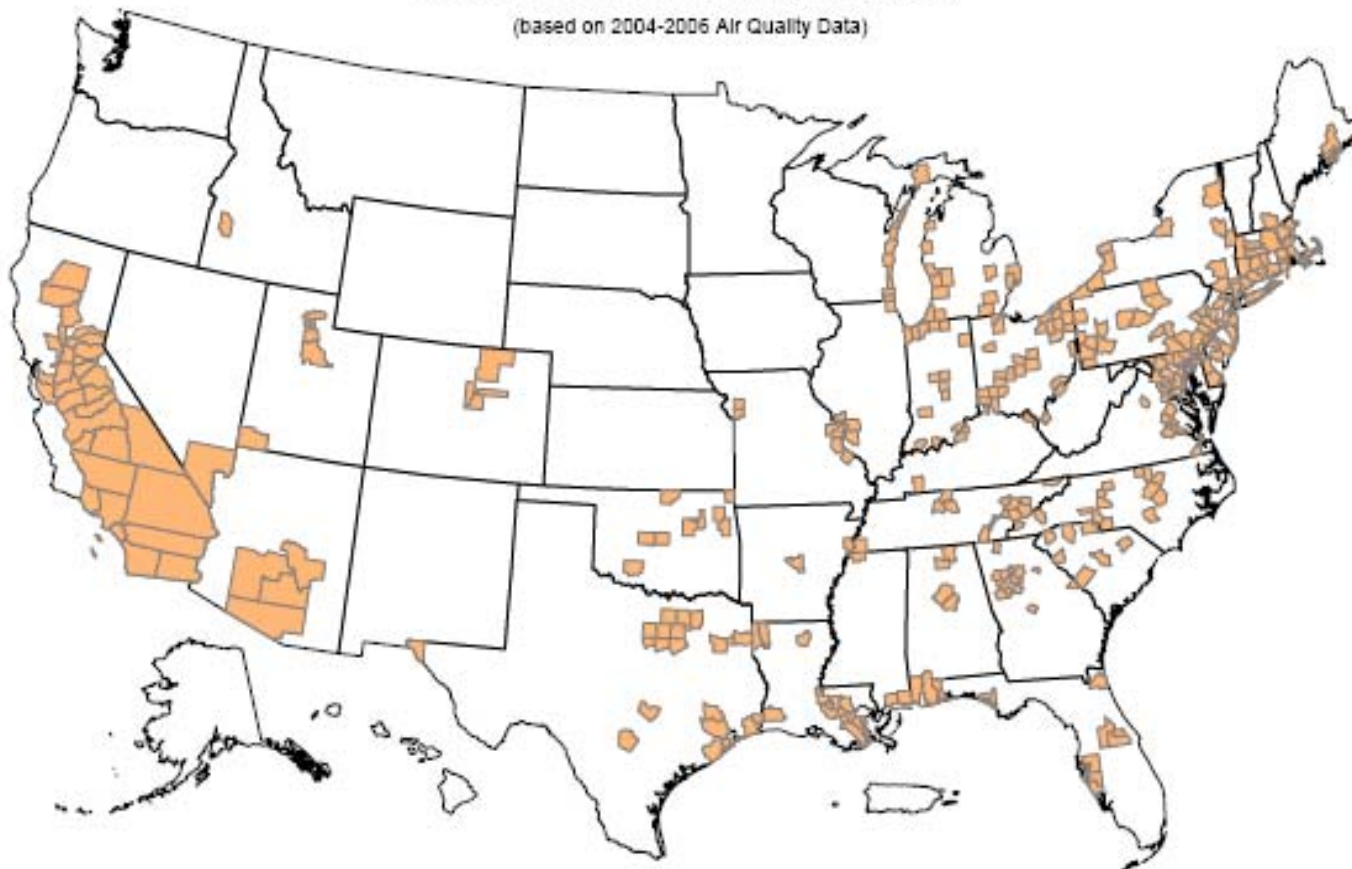
Would Violate if Standard Changed from 0.08 to 0.075 (ppm)

(based on 2005-7 monitored data)



Counties with Monitors Violating the 2008 8-Hour Ozone Standard of 0.075 parts per million (ppm)

(based on 2004-2006 Air Quality Data)



Notes:

¹ 345 monitored counties violate the 2008 8-hour ozone standard of 0.075 parts per million (ppm).

² Monitored air quality data can be obtained from the AQS system at <http://www.epa.gov/ttn/airsaqs/>

Counties with Monitors Projected to Violate the 2008 8-Hour Ozone Standard of 0.075 parts per million (ppm) in 2020



Notes:

¹ 28 counties are projected to violate the 2008 8-hour ozone standard of 0.075 parts per million (ppm).

² Future ozone levels were projected only for counties with monitoring data and within the contiguous 48 states.

³ 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; as well as illustrative state and local level mobile and stationary source controls identified for the purpose of attaining the 1997 ozone and 2006 PM_{2.5} standards. States may choose to apply different control strategies for implementation.

Expected Implementation Timeline for Revised Ozone NAAQS

Milestone	Date
Signature—Final Rule	March 12, 2008
State Designation Recommendations to EPA	No later than March 12, 2009
Final Designations	No later than March 12, 2010*
Attainment Demonstration SIPs Due	2013*
Attainment Dates	2013-2030 (depends on severity of problem)

* In the event the Administrator has insufficient information to promulgate the designations by March 12, 2010, the date of final designations may be extended up to one year, but no later than March 12, 2011. SIPs will be due three years from final designations.

Revised Ozone AQI

- EPA is changing the Air Quality Index (AQI) to reflect the new primary standard
- The AQI is EPA's color-coded tool designed to inform the public about daily air pollution levels in their communities
- EPA is adjusting the 100-level, which is the upper end of the "moderate" category, to equal the new 0.075 ppm standard, and making proportional changes to other AQI values
- EPA encourages the States to use the new AQI breakpoints for air quality forecasting by the beginning of ozone season. In many areas this date is May 1, 2008

Category	AQI Value	1997 8-hour (ppm)	2008 8-hour (ppm)
Good	0-50	0.000-0.064	0.000-0.059
Moderate	51-100	0.065-0.084	0.060-0.075
Unhealthy for Sensitive Groups	101-150	0.085-0.104	0.076-0.095
Unhealthy	151-200	0.105-0.124	0.096-0.115
Very Unhealthy	201-300	0.125-0.374	0.116-0.374
Hazardous	301-400	No Change	No Change
	401-500	No Change	No Change



Questions/Further Information

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