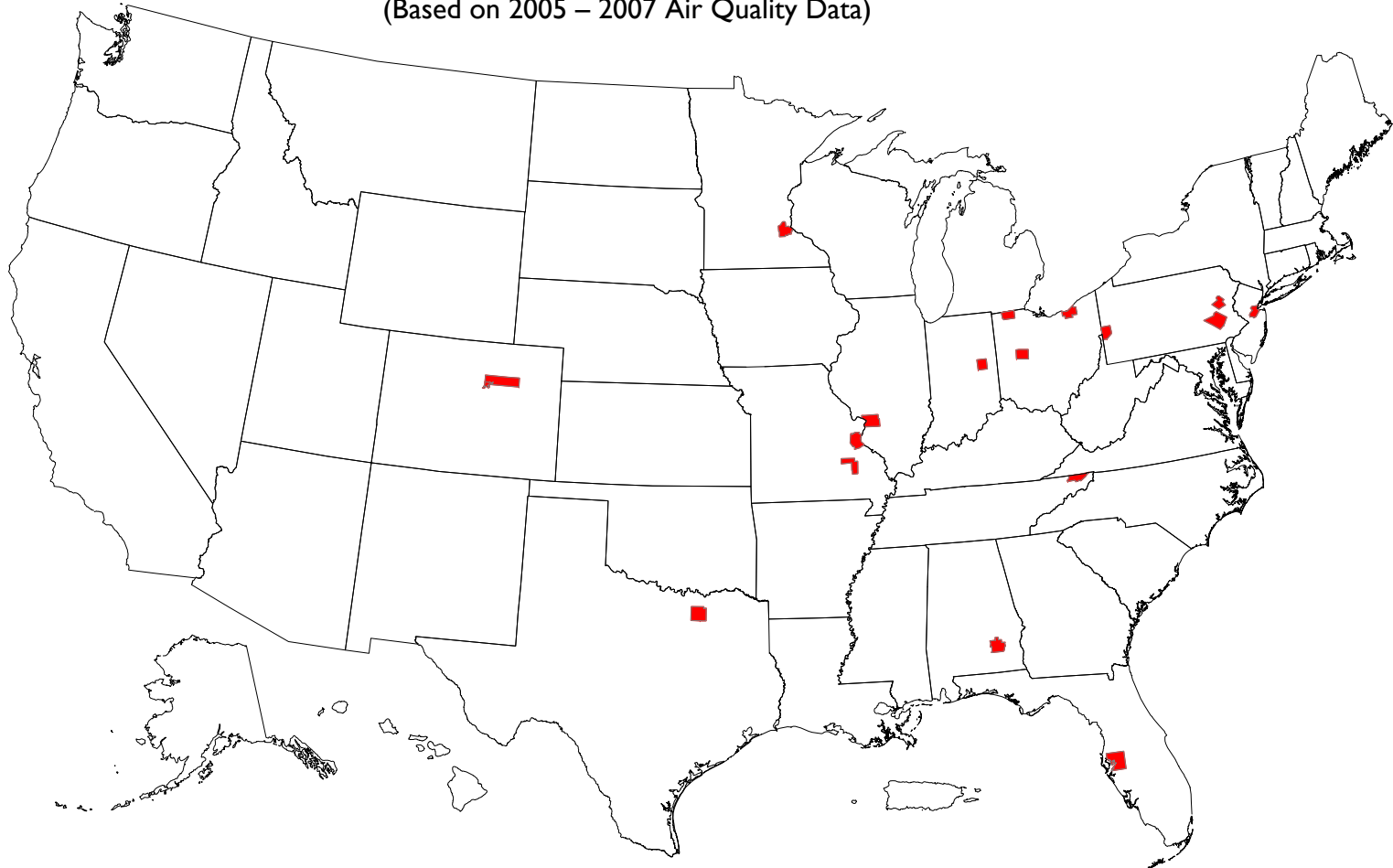


## Counties with Monitors Violating the 2008 Lead Standard of 0.15 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

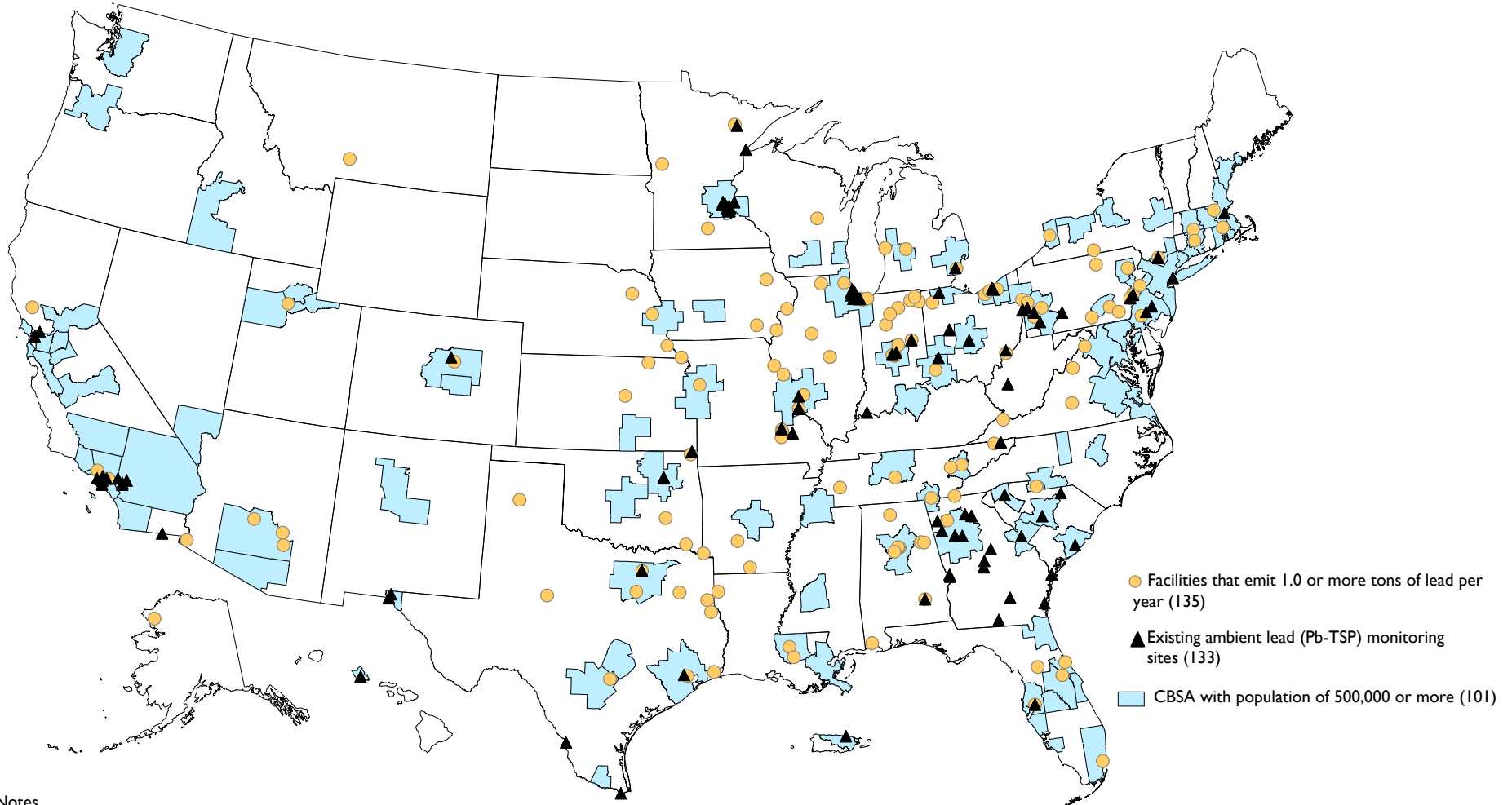
(Based on 2005 – 2007 Air Quality Data)



### Notes

1. 18 of 111 monitored counties violate the 2008 lead standard of 0.15 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) measured as total suspended particulate matter (TSP).
2. These estimates are based on the most recent air quality data available (2005–2007). EPA will not designate areas based on these data, but likely on data from 2007-2009 or 2008-2010.
3. The existing monitoring network for lead is not sufficient to determine whether many areas of the country would meet the revised standards of 0.15  $\mu\text{g}/\text{m}^3$ . EPA is re-designing the national lead monitoring network to allow assessment of compliance with the revised standards.
4. Monitored air quality data is available from the Air Quality System at <http://www.epa.gov/ttn/airs/airsaqs/>

## Strengthening the Nation's Lead Monitoring Network



### Notes

1. Ambient lead monitoring sites measure lead in total suspended particulate (Pb-TSP). The 133 monitoring sites shown are those operating in 2008.
2. The current monitoring network for lead is not sufficient to determine whether many areas of the country would meet the 2008 lead standards. EPA is re-designing the nation's lead monitoring network to allow assessment of compliance with the revised standard. EPA is requiring Pb-TSP monitors in areas near lead sources with emissions greater than or equal to 1.0 ton per year, and a monitor in every urban area with population of 500,000 or greater.
3. The emissions estimates used to develop this map are based on EPA's 2002 National Emission Inventory (NEI) with modifications documented in Tom Pace's 05/01/08 memorandum and Marion Hoyer's 05/12/08 and 05/14/08 memoranda to the docket.