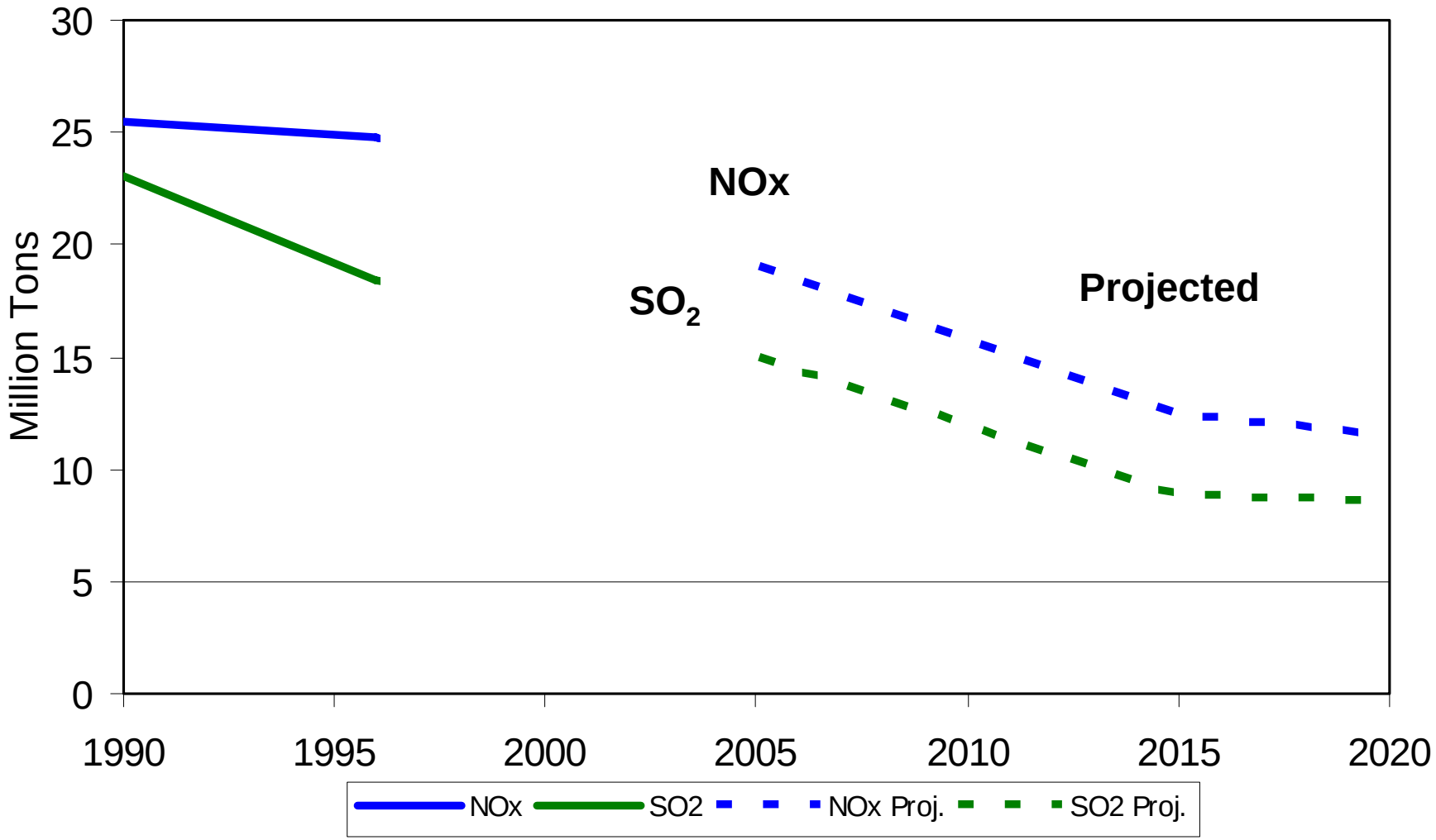
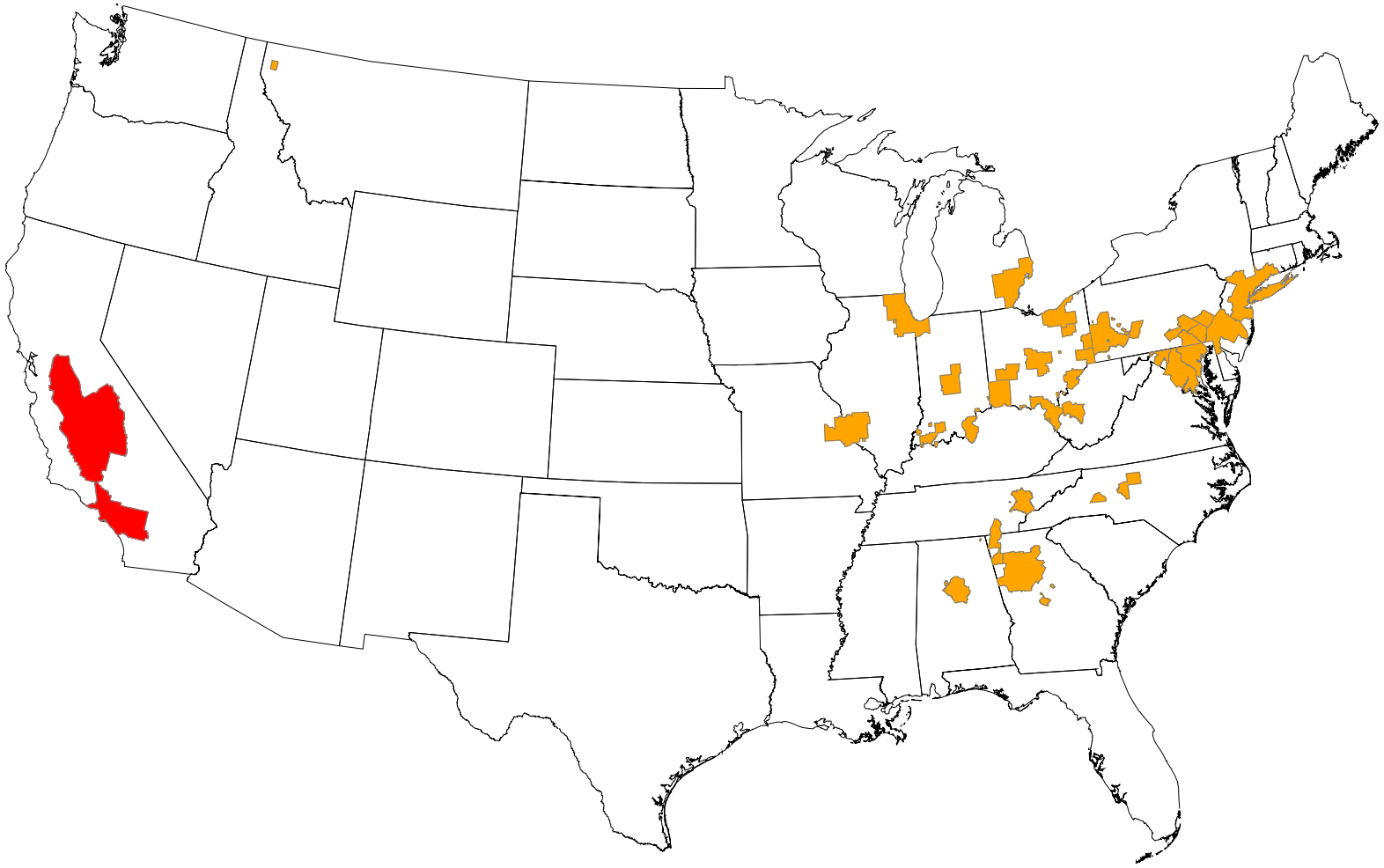
Graph and Maps

Reducing Particle Pollution Precursors
National NO_x and SO_2 Emissions From All Sources



Currently Designated $PM_{2.5}$ Nonattainment Areas - 1997 Standards

Violated annual and/or 24-hour $PM_{2.5}$ standards with designated data (2001-2003*)



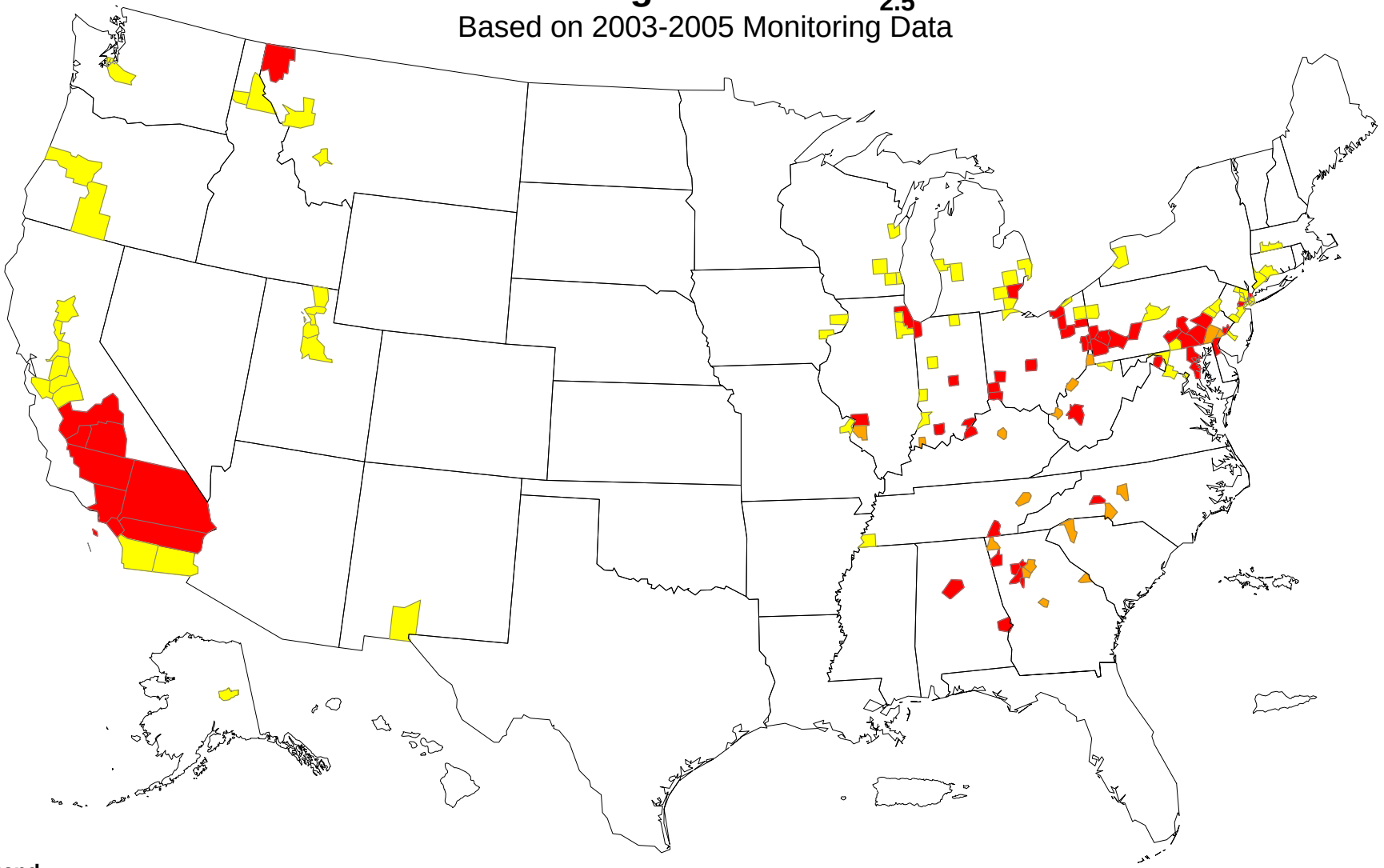
Legend

Nonattainment areas violating:	**Number of Areas**
both annual (15 µg/m^3) and 24-hour (65 µg/m^3) standards	2
ONLY the 24-hour standard (65 µg/m^3)	0
ONLY the annual standard (15 µg/m^3)	37
Total $PM_{2.5}$ Nonattainment Areas	**39**

* 2002-2004 data were considered in the designation process but all nonattainment designations were based on 2001-2003 data

Counties Exceeding Revised $PM_{2.5}$ Standards

Based on 2003-2005 Monitoring Data



Legend

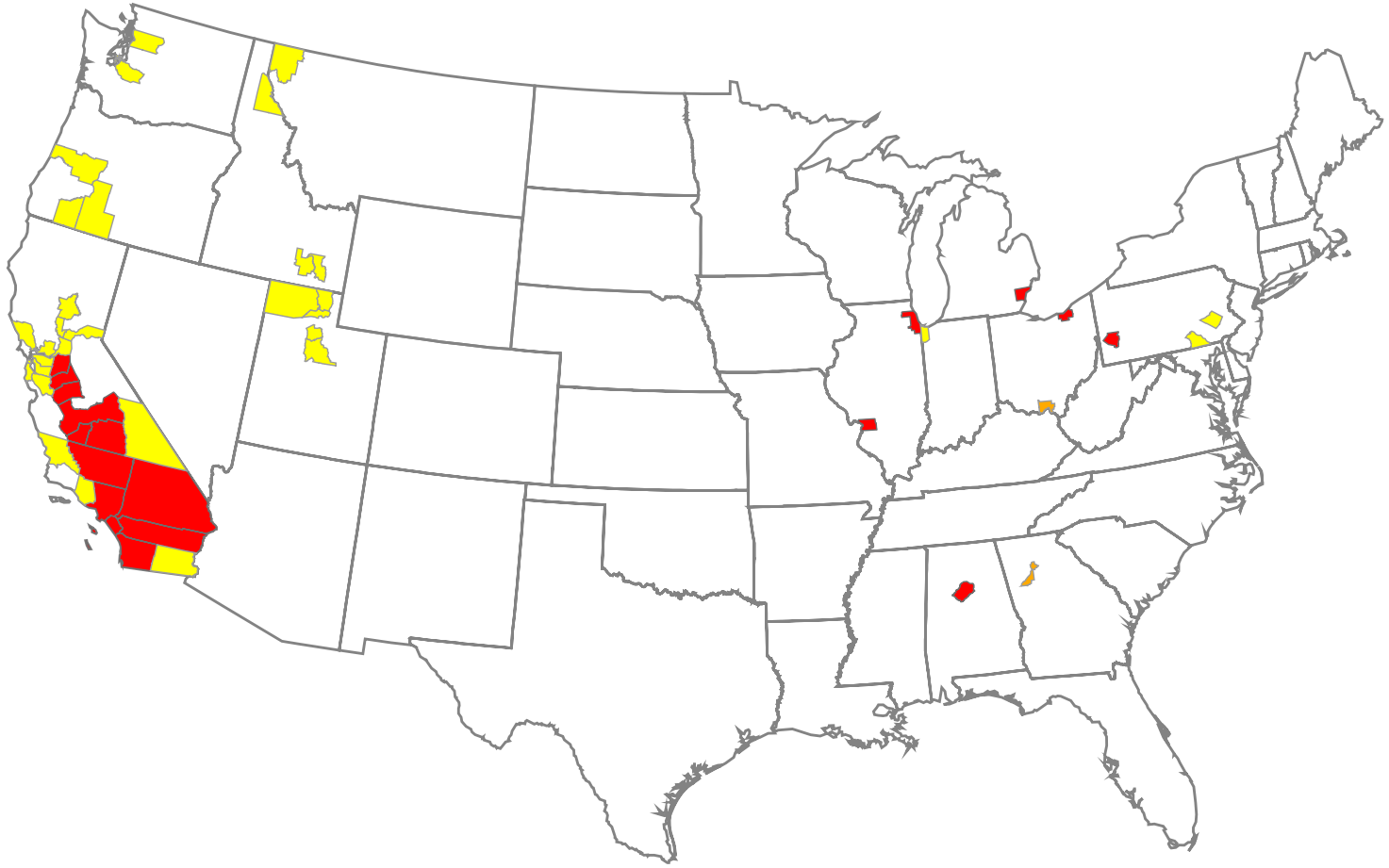
County with monitor exceeding:	**Number of Counties**
both annual (15 µg/m3) and 24-hour (35 µg/m3) $PM_{2.5}$ standards	56
ONLY the 24-hour $PM_{2.5}$ standard (35 µg/m3)	70
ONLY the annual $PM_{2.5}$ standard (15 µg/m3)	17
Total Counties Exceeding	**143**

- Data from AQS 7/10/2006
- Data completeness computed per CFR 7/10/2006
- EPA will **not** base designations for the new fine particle standards on these data.

Modeled Estimates for the Year 2015

Counties Projected to Exceed the Revised $PM_{2.5}$ Standards in 2015

Based on EPA Modeling*



Legend

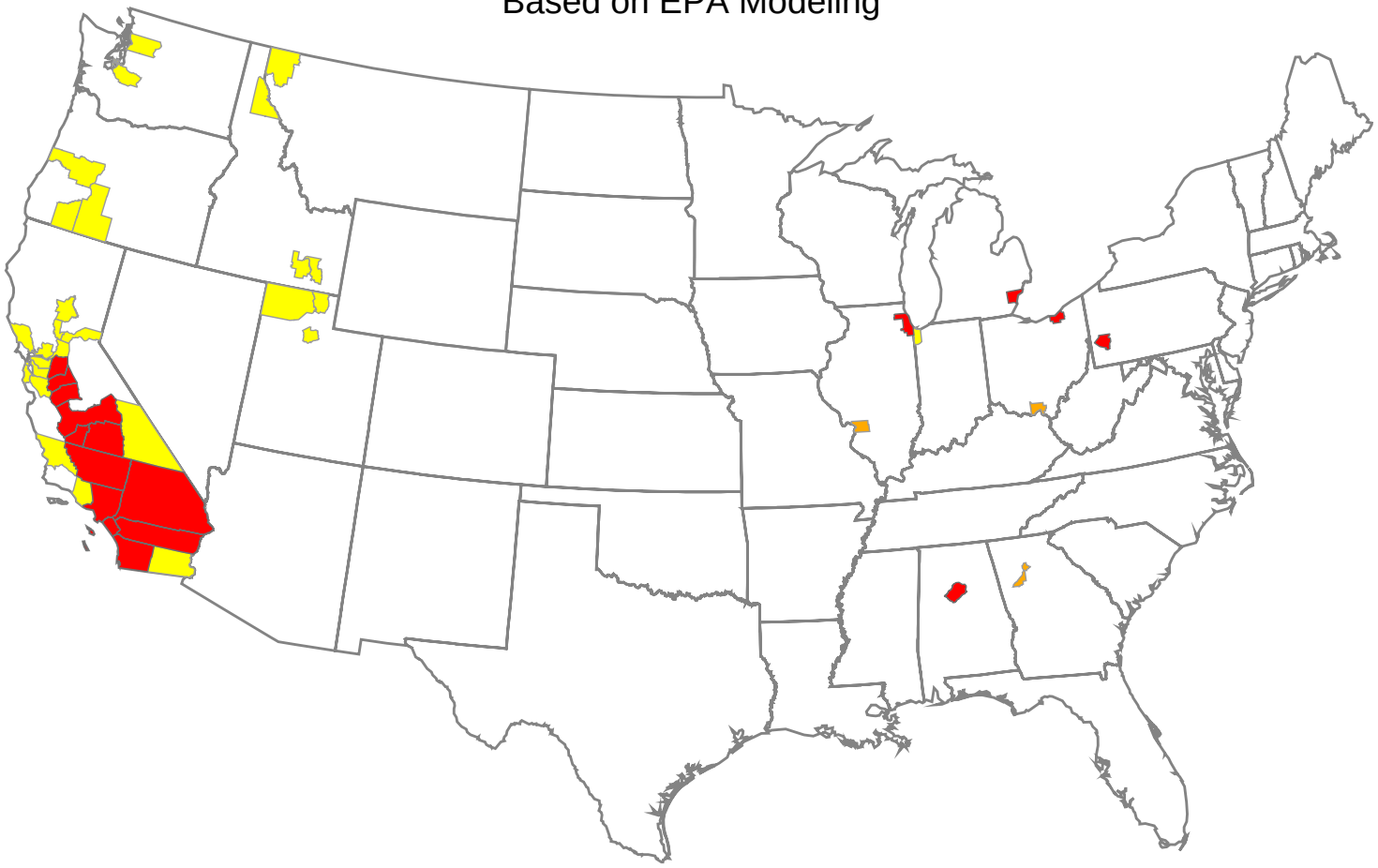
County with monitor exceeding:	**Number of Counties**
both annual (15 µg/m^3) and 24-hour (35 µg/m^3) $PM_{2.5}$ standards	18
ONLY the 24-hour $PM_{2.5}$ standard (35 µg/m^3)	32
ONLY the annual $PM_{2.5}$ standard (15 µg/m^3)	2
Total Counties Projected to Exceed	**52**

*Projections as of September 2006. EPA models assume implementation of CAIR/CAMR/CAVR, Title IV of the Clean Air Act, the NOx SIP Call, and some existing state programs. This approach does not forecast actions states will take to meet 1997 $PM_{2.5}$ standards.

Modeled Estimates for the Year 2020

Counties Projected to Exceed the Revised $PM_{2.5}$ Standards in 2020

Based on EPA Modeling*



Legend

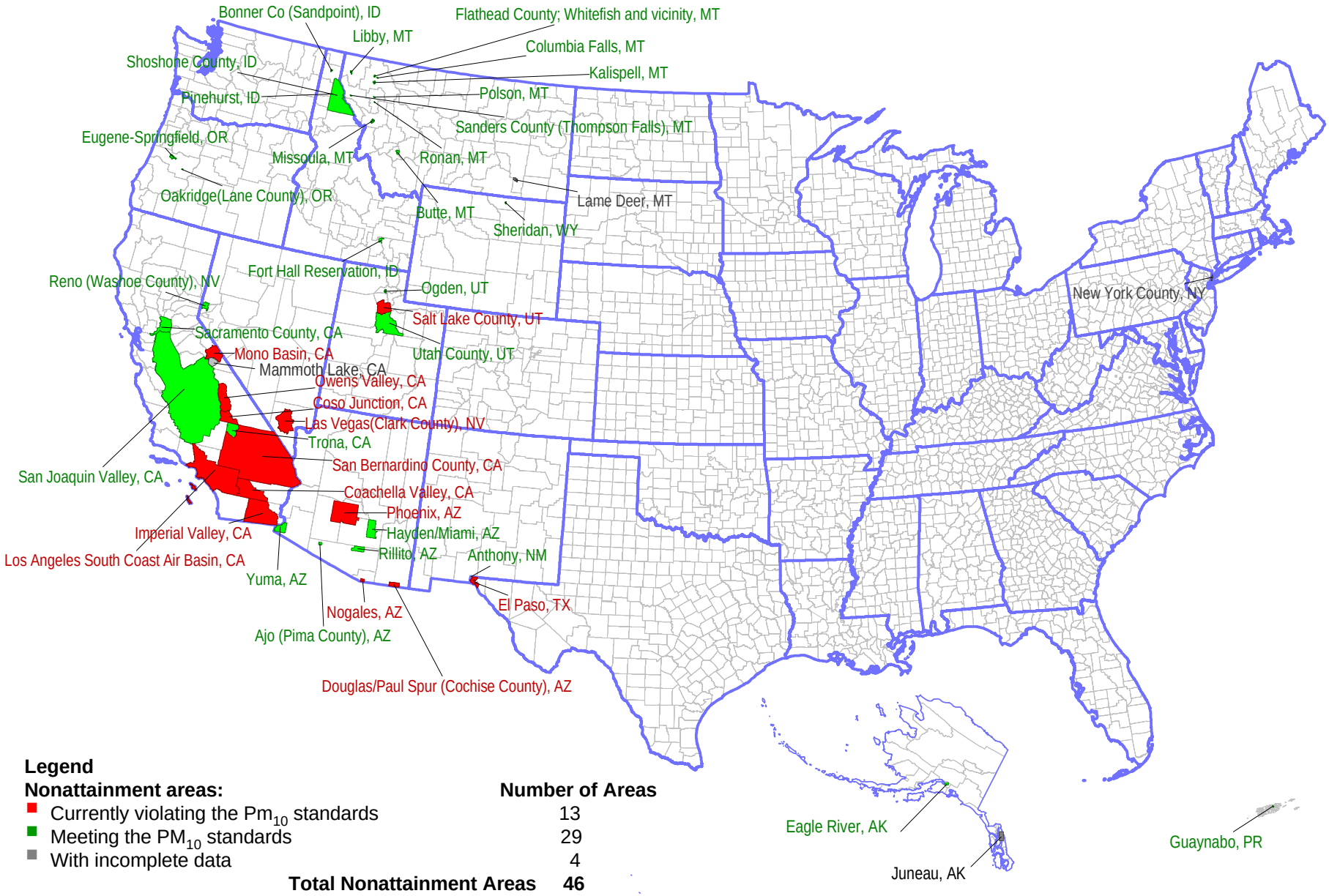
County with monitor exceeding:	**Number of Counties**
both annual (15 µg/m^3) and 24-hour (35 µg/m^3) $PM_{2.5}$ standards	17
ONLY the 24-hour $PM_{2.5}$ standard (35 µg/m^3)	28
ONLY the annual $PM_{2.5}$ standard (15 µg/m^3)	3
Total Counties Projected to Exceed	**48**

*Projections as of September 2006. EPA models assume implementation of CAIR/CAMR/CAVR, Title IV of the Clean Air Act, the NOx SIP Call, and some existing state programs. This approach does not forecast actions states will take to meet 1997 $PM_{2.5}$ standards.

PM_{10} Map

Status of Current PM_{10} Nonattainment Areas

Based on 2003 – 2005 Air Quality



Legend

Nonattainment areas:	**Number of Areas**
Currently violating the Pm_{10} standards	13
Meeting the PM_{10} standards	29
With incomplete data	4
Total Nonattainment Areas	**46**