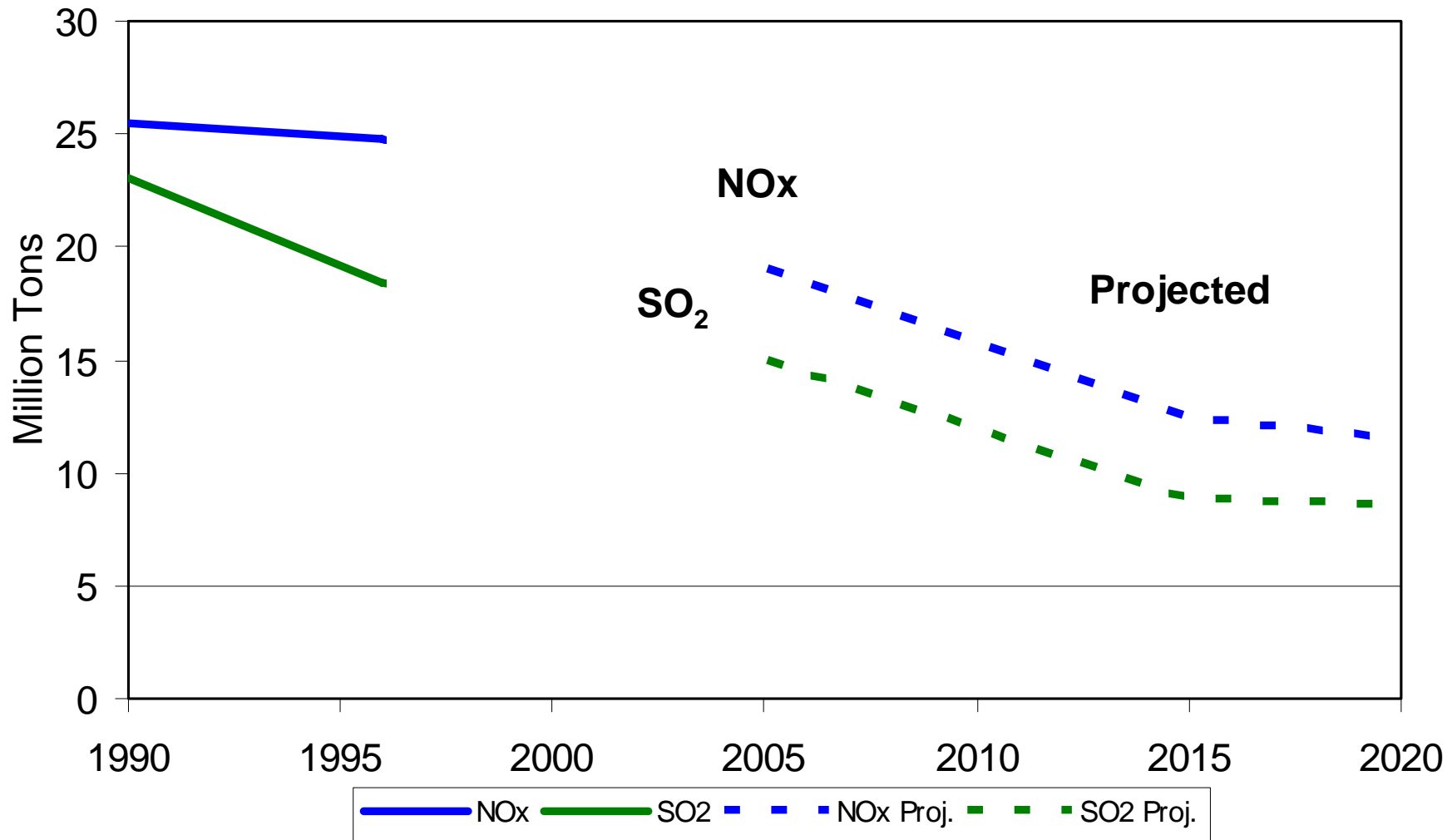


Graph and Maps

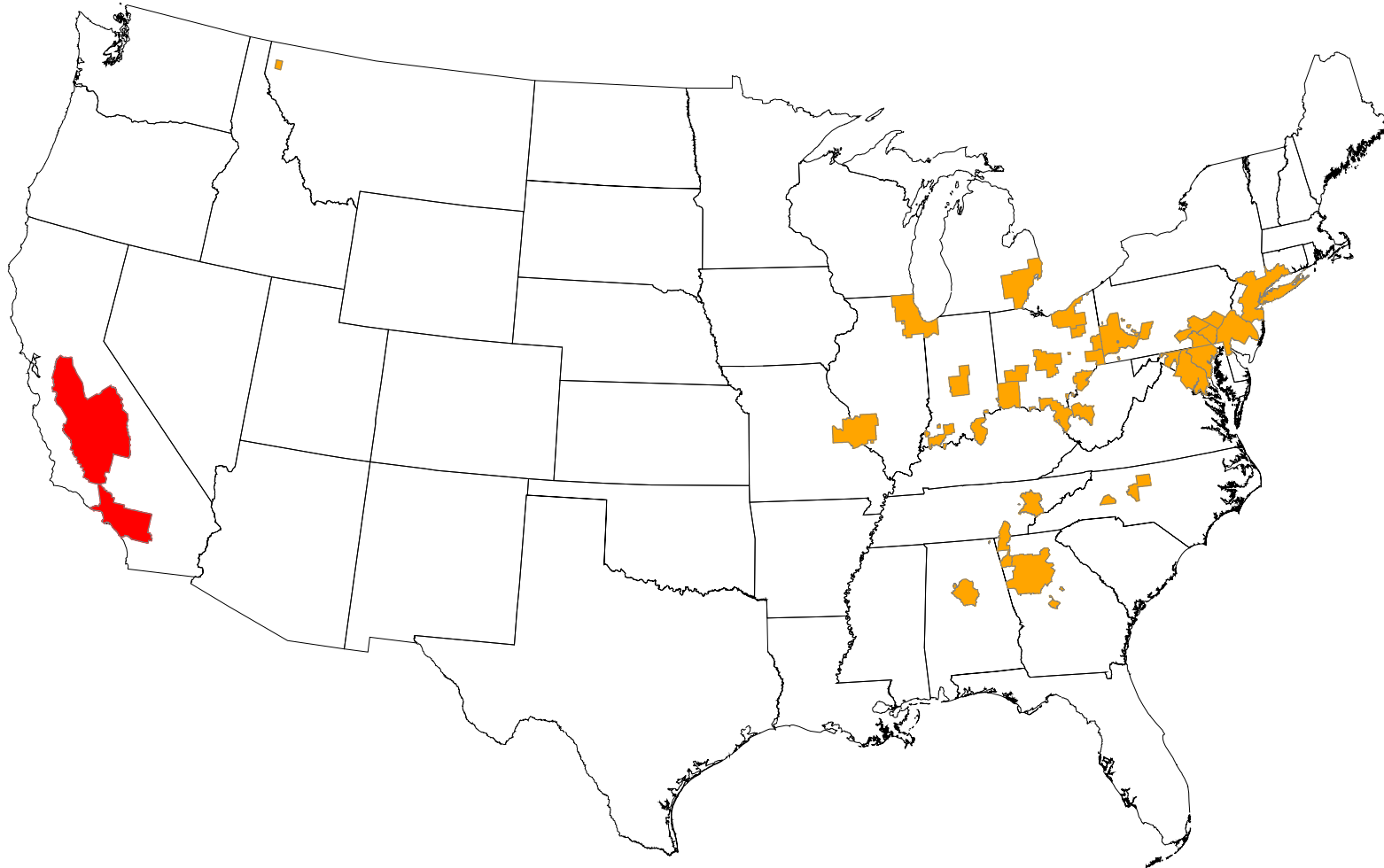
Reducing Particle Pollution Precursors

National NO_x and SO₂ 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:

- both annual (15 $\mu\text{g}/\text{m}^3$) and 24-hour (65 $\mu\text{g}/\text{m}^3$) standards
- ONLY the 24-hour standard (65 $\mu\text{g}/\text{m}^3$)
- ONLY the annual standard (15 $\mu\text{g}/\text{m}^3$)

Number of Areas

2

0

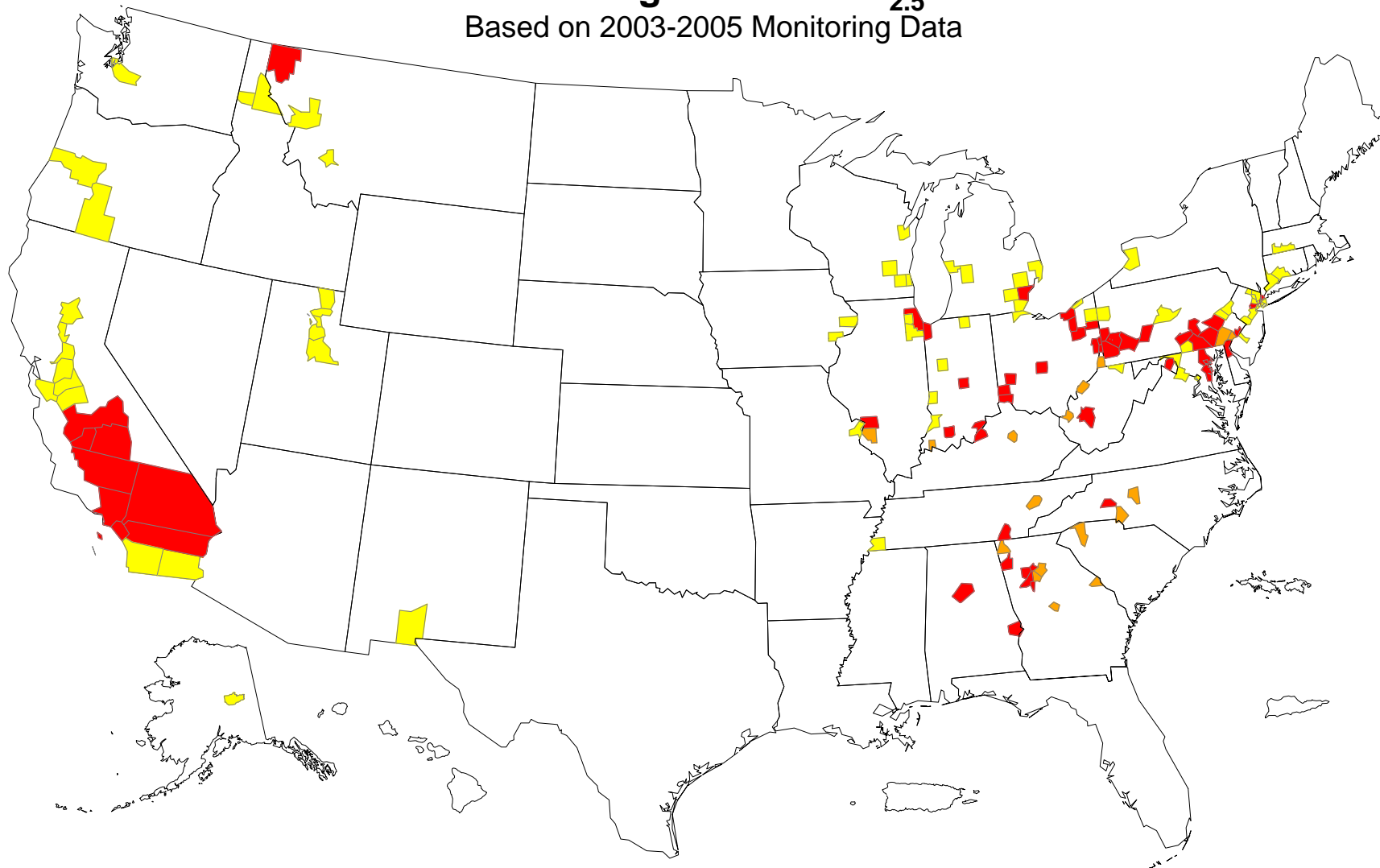
37

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:

■	both annual (15 µg/m ³) <u>and</u> 24-hour (35 µg/m ³) PM _{2.5} standards	56
■	ONLY the 24-hour PM _{2.5} standard (35 µg/m ³)	70
■	ONLY the annual PM _{2.5} standard (15 µg/m ³)	17

Total Counties Exceeding

Number of Counties

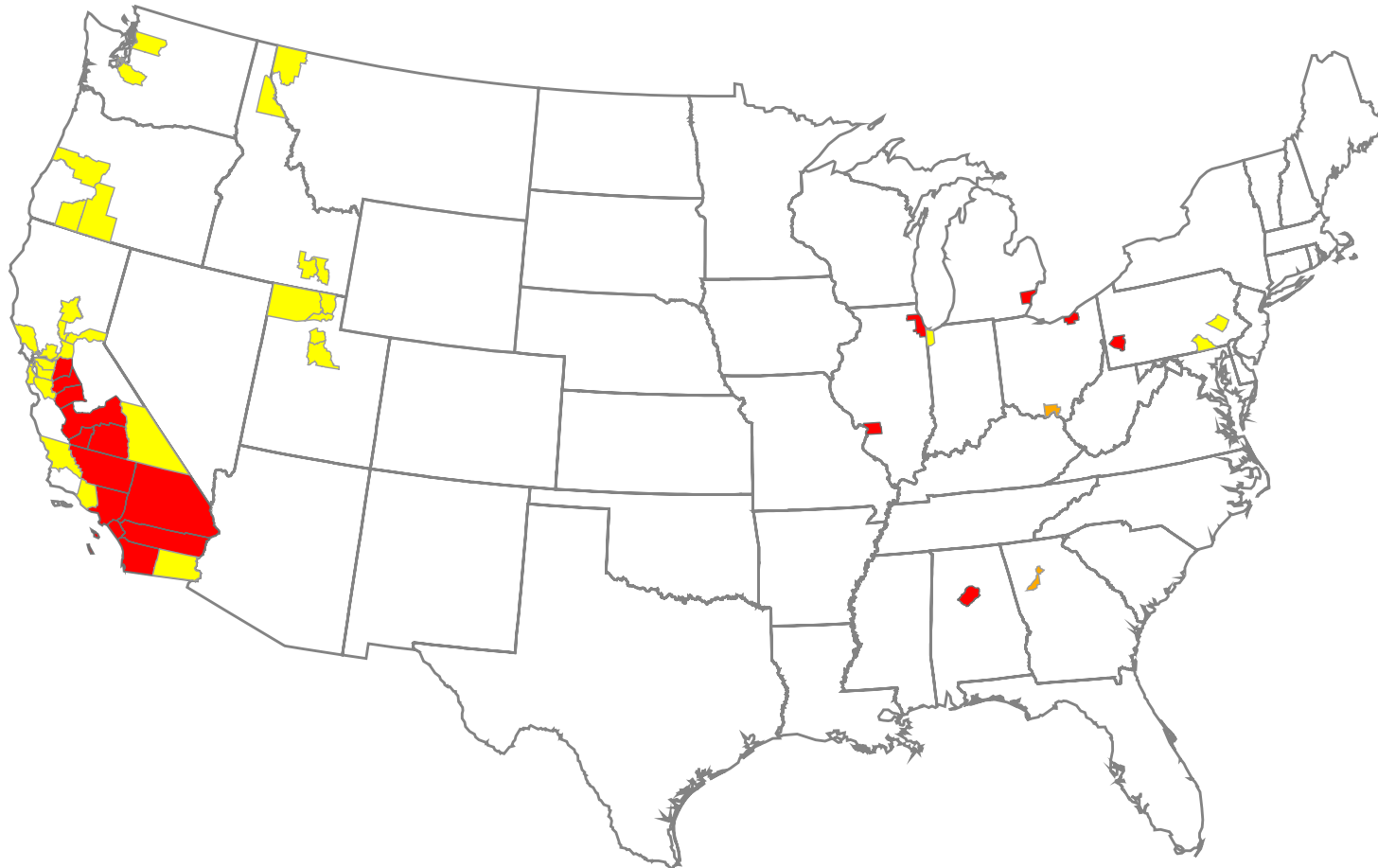
143

- 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:

- both annual (15 µg/m³) and 24-hour (35 µg/m³) PM_{2.5} standards
- ONLY the 24-hour PM_{2.5} standard (35 µg/m³)
- ONLY the annual PM_{2.5} standard (15 µg/m³)

Number of Counties

- 18
- 32
- 2

Total Counties Projected to Exceed

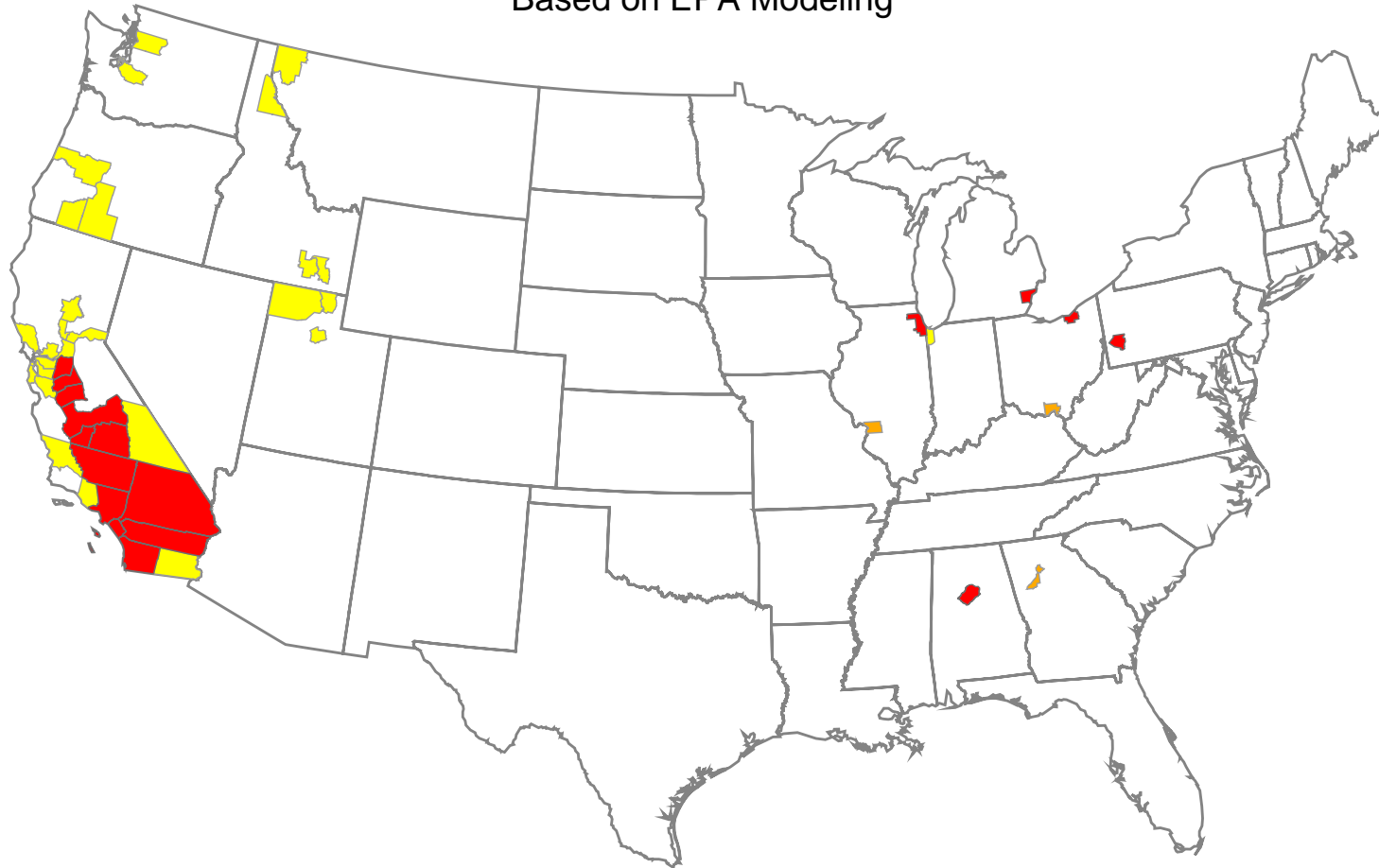
52

*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:

- both annual (15 µg/m³) and 24-hour (35 µg/m³) PM_{2.5} standards
- ONLY the 24-hour PM_{2.5} standard (35 µg/m³)
- ONLY the annual PM_{2.5} standard (15 µg/m³)

Number of Counties

17

28

3

Total Counties Projected to Exceed

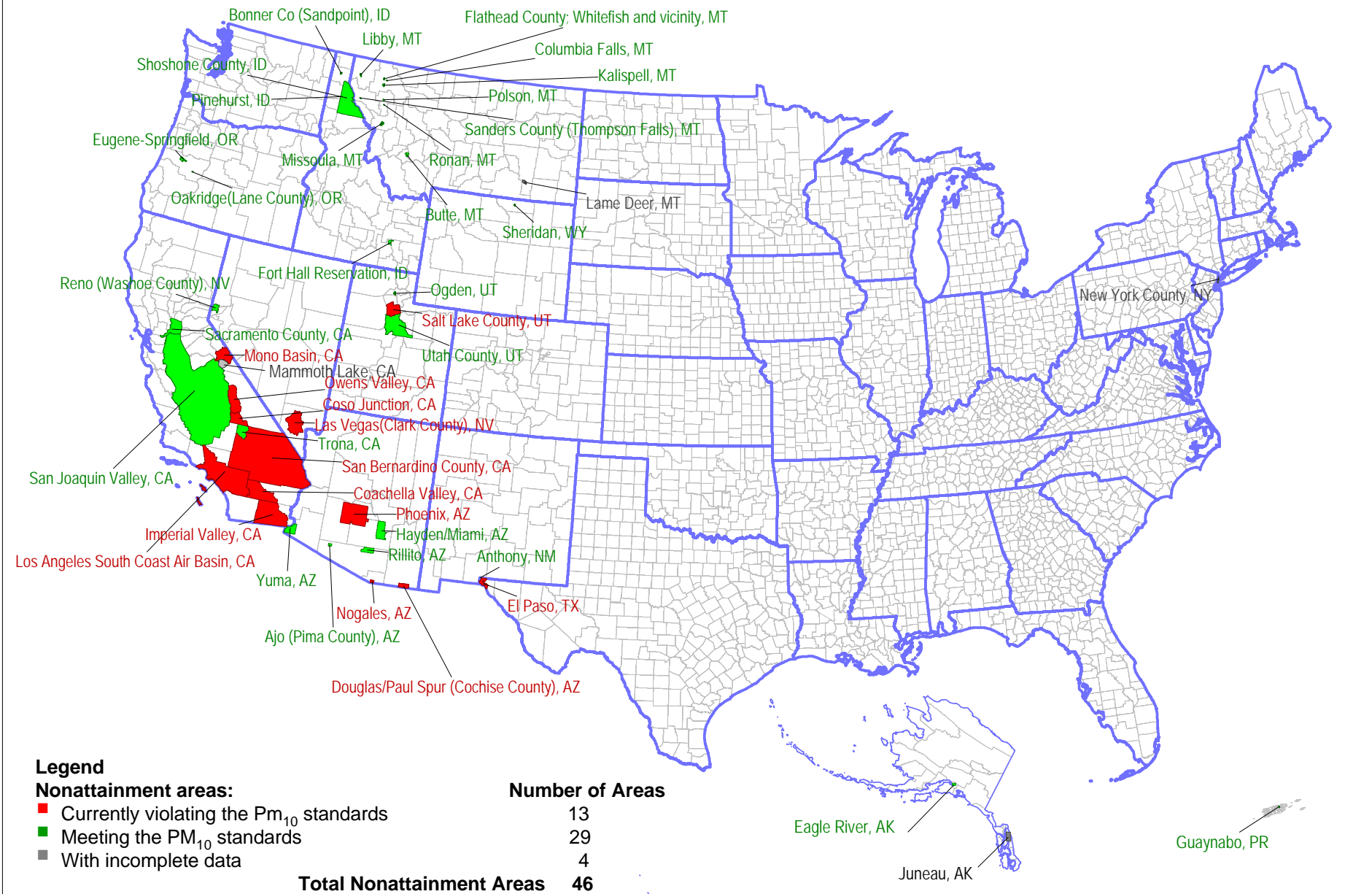
48

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

PM₁₀ Map

Status of Current PM₁₀ Nonattainment Areas

Based on 2003 – 2005 Air Quality



Legend

Nonattainment areas:

- Currently violating the Pm₁₀ standards
- Meeting the PM₁₀ standards
- With incomplete data

Number of Areas

- 13
- 29
- 4

Total Nonattainment Areas 46