

AIR QUALITY UPDATE

Current and Future Efforts

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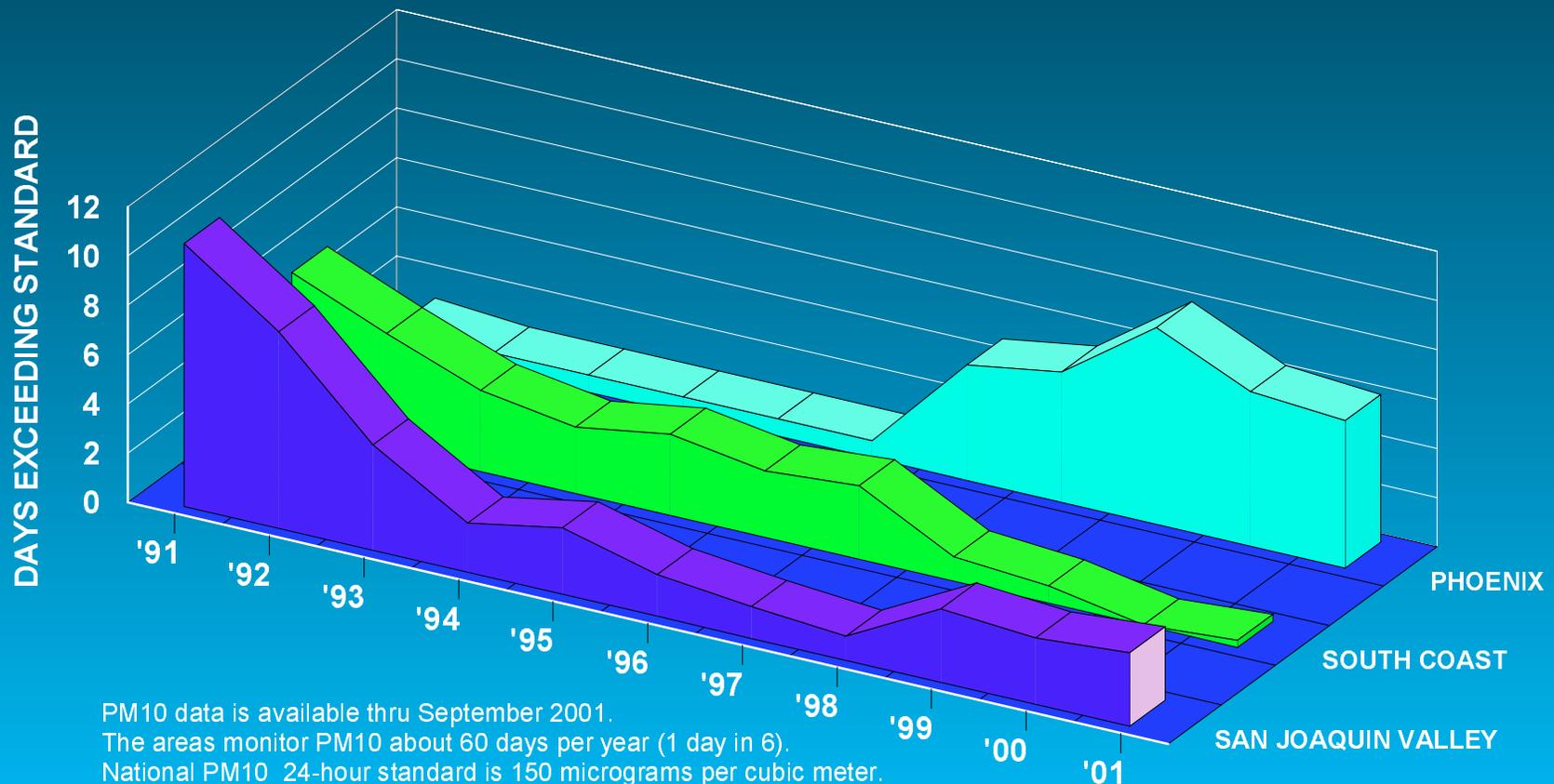
US EPA, Region IX

Outline

- **Air Quality**
- **Key National Initiatives**
- **Regional Efforts**
- **Future Issues**

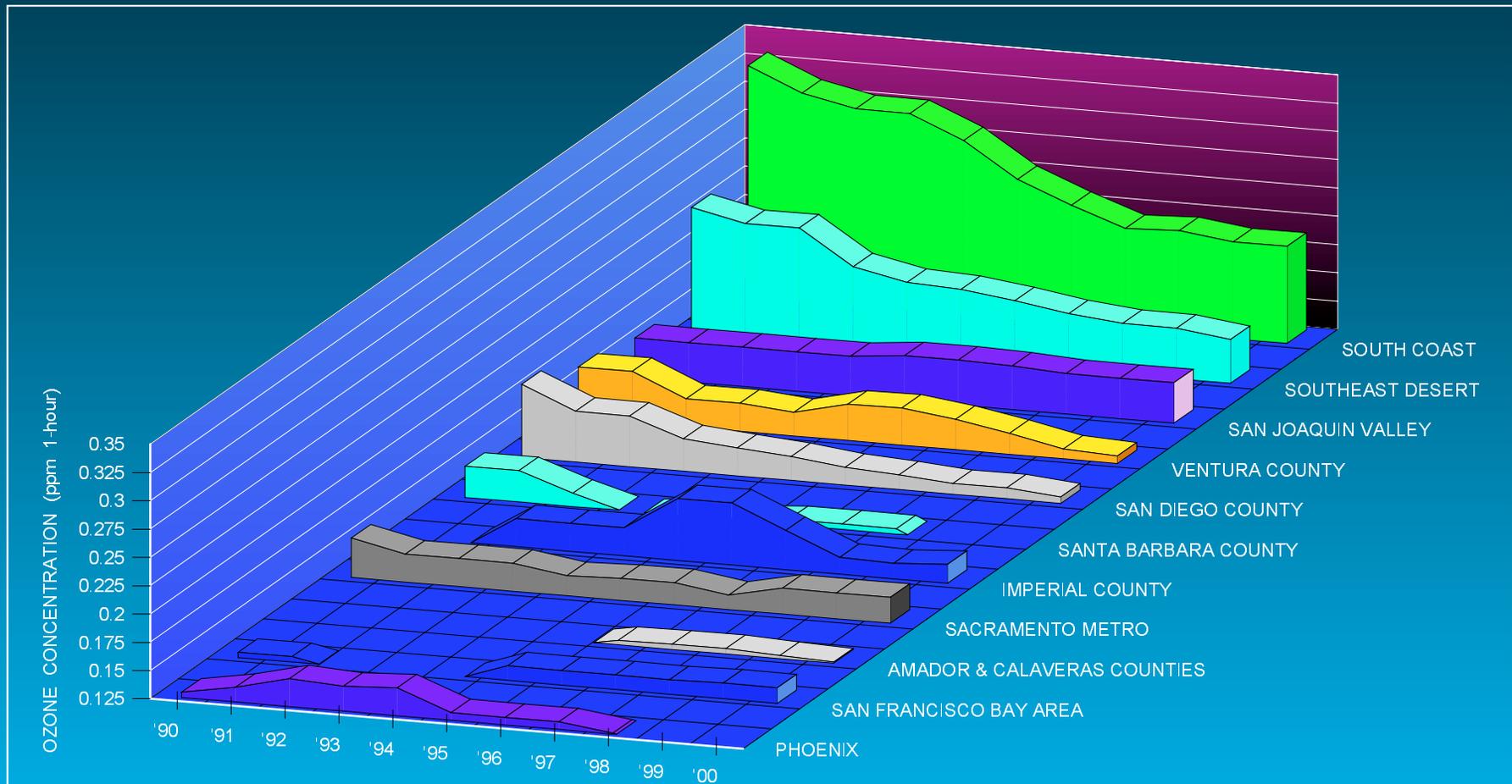
National 24-hour PM10 Standard (1991-2001)

Days Exceeding the Standard - 3-year moving average



(1990-2000)

"Design Value" - National 1-hour Standard Fourth Highest Day Over Three Years



Lowest concentration shown = 0.125 parts per million (ppm)

Source: US EPA's Aerometric Information Retrieval System (AIRS)

Air Quality Review

- **Significant progress continues in Pacific Southwest**
- **Many areas in attainment, or soon will be**
- **Last smog season reminds us to be diligent**
- **Still much needs to be done**

National Initiatives

■ New Source Review Reform

- First five reforms with Office of Management and Budget
- Expect changes soon
- Changes designed to streamline and strengthen New Source Review

National Initiatives

■ Clear Skies

- National market trading program for utilities
- Significant reductions from coal-fired plants
- Benefits in West less than on the East Coast

National Initiatives

- **Diesel Standards**
 - **On road engines**
 - **Off road engines**
 - **Fuel**

National Initiatives

■ Homeland Security

- National plan includes EPA responding as necessary
- Monitoring resources being assembled

Regional Efforts

- **Community Based Air Toxics Strategy**
 - **Six pilots underway**
 - **Community based stakeholder included**
 - **Represents future direction**

Regional Efforts

■ Federal Measures

- Committed to make progress
- Non-regulatory means being explored

Regional Efforts

■ Agriculture

- Significant progress already made
- Assisting to develop additional measures
- Title V settlement proceeding
- Vital industry to California

Regional Efforts

■ Innovative Approaches

- Critical to achieve standards
- Working closely with locals
- Guidance under development

Future Focus

- **Currently at a crossroads with 1-hr standard in key areas**
- **Future Standards: 8-hr O₃, PM 2.5**
 - **Implementation guidance under development**
 - **Numerous issues under review**
 - **Settlement announced 11/13/02**

Future Focus

- **Regulatory agenda continues**
- **Significant challenges lie ahead**