



# One-Hour Ozone Redesignation Request and Maintenance Plan

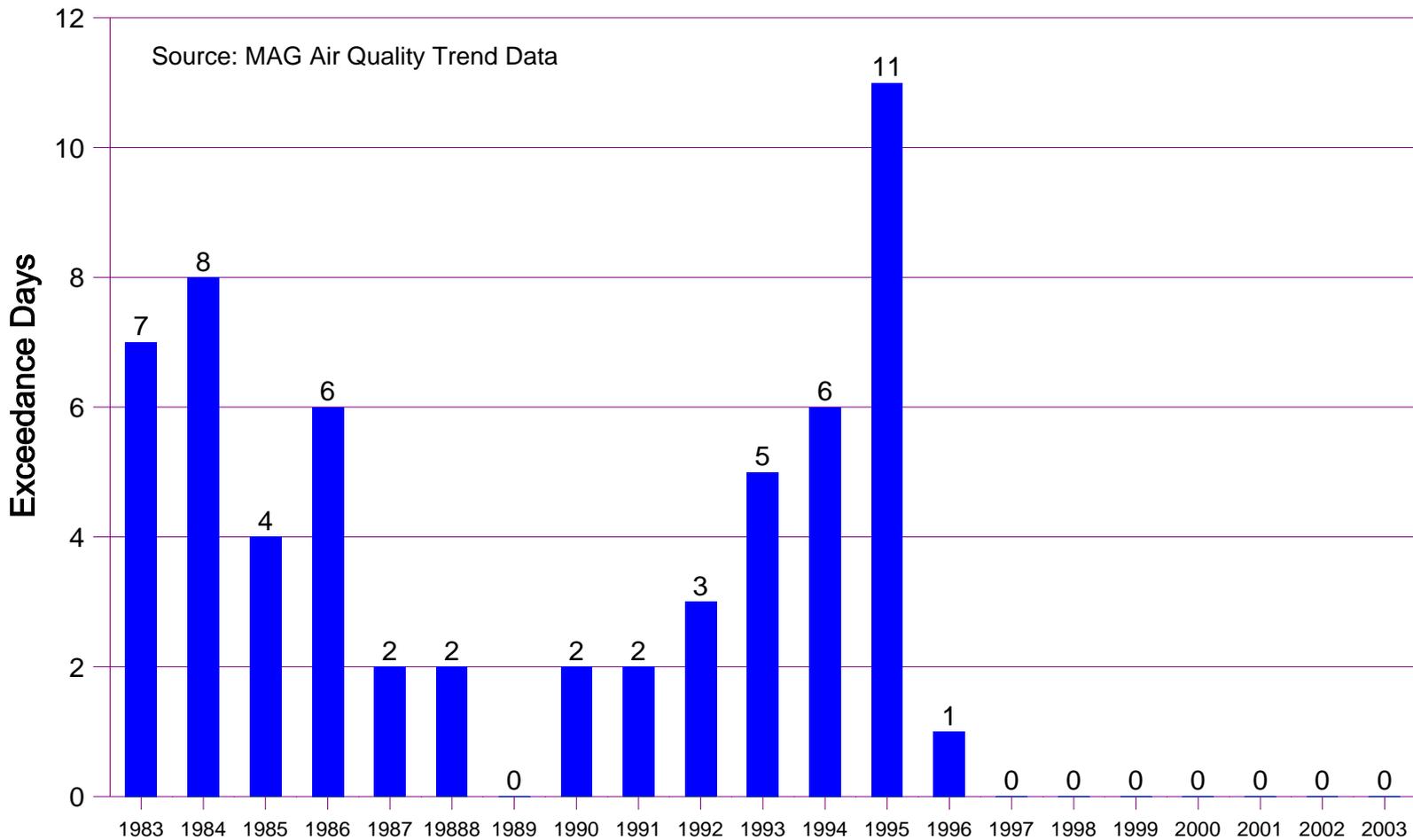
---

**Regional Council  
March 24, 2004**



# Ozone Exceedance Days

## Number of Ozone Exceedance Days (1-Hr) Maricopa County, Arizona





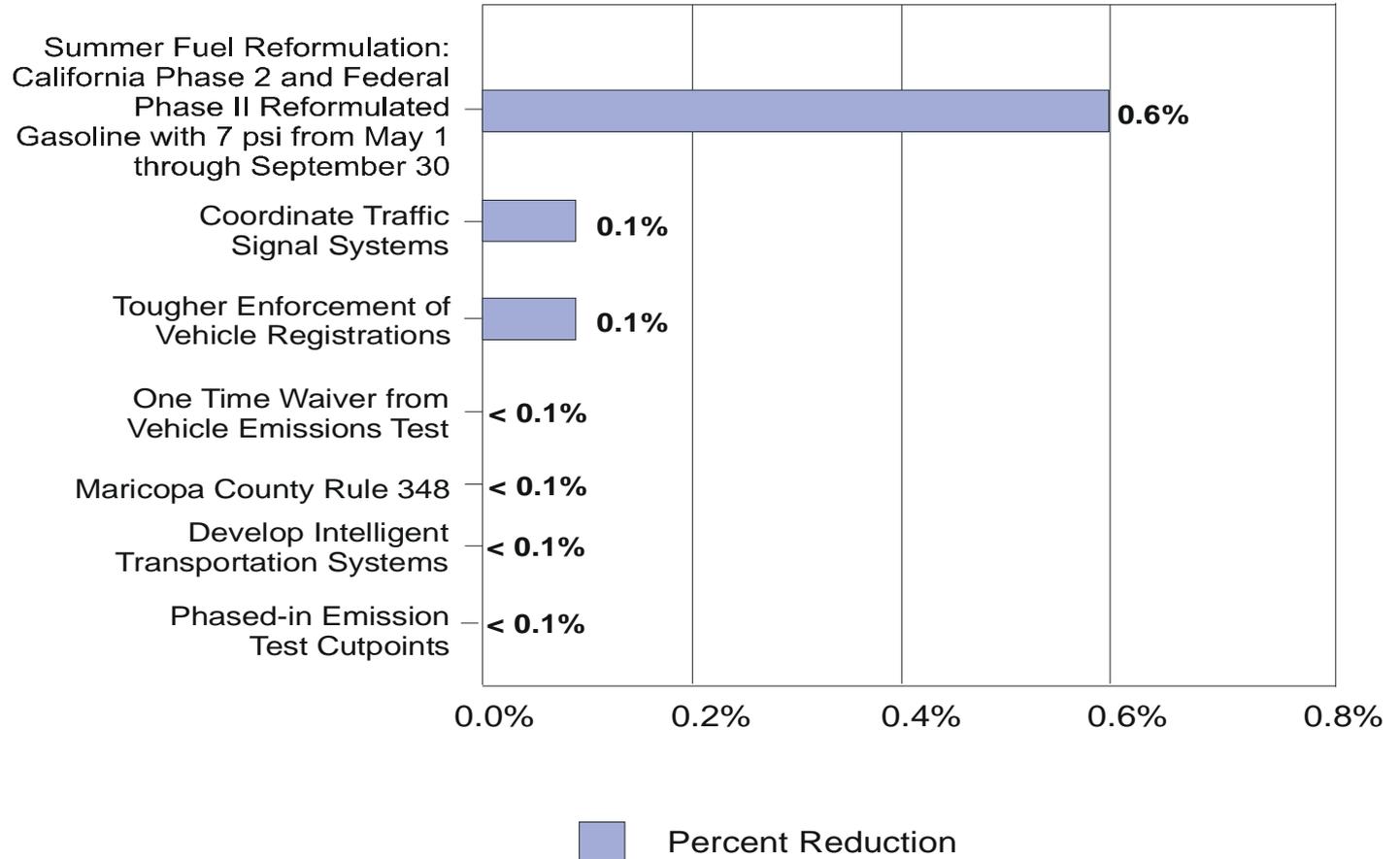
# Redesignation to Attainment Steps

---

- **EPA Determines Standard is Attained**
- **EPA Approves Revised Serious Area Plan – Submitted December 14, 2000**
- **EPA Determines Air Quality Improvement is due to Permanent and Enforceable Reductions in Emissions**
- **State Meets Clean Air Act Requirements for Plans**
- **EPA Approves Maintenance Plan**

# 2015 VOC EMISSION REDUCTIONS FROM INDIVIDUAL MAINTENANCE MEASURES IN THE ONE-HOUR OZONE NONATTAINMENT AREA<sup>a, b</sup>

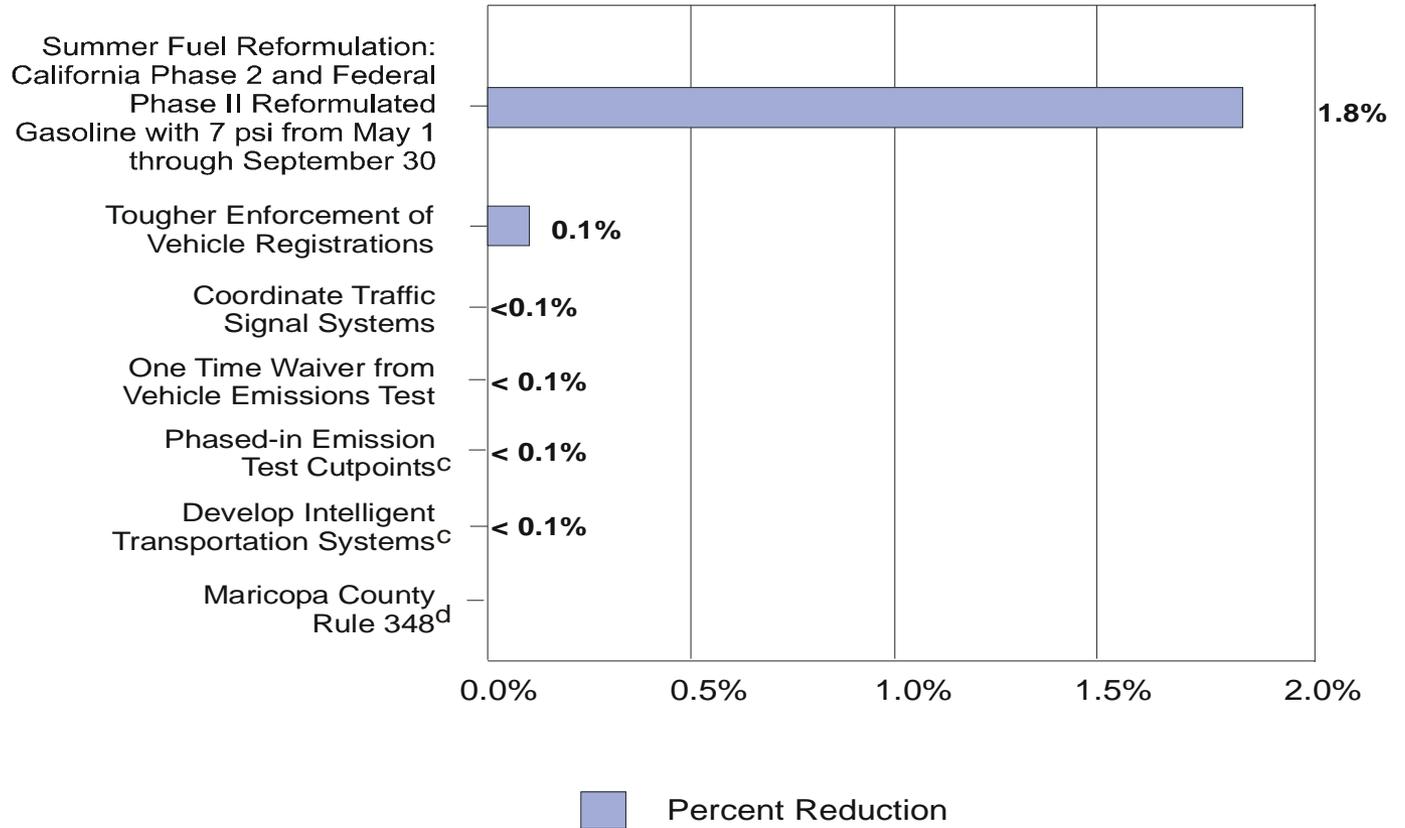
## (Percent Reduction in Total Emissions)



a-Individual impact of measures is not additive.

b-Numeric credit for federal Offroad Vehicle and Engine Standards (40 cfr Parts 89 and 90) has also been taken.

# 2015 NO<sub>x</sub> EMISSION REDUCTIONS FROM INDIVIDUAL MAINTENANCE MEASURES IN THE ONE-HOUR OZONE NONATTAINMENT AREA<sup>a,b</sup> (Percent Reduction in Total Emissions)



a-Individual impact of measures is not additive.

b-Numeric credit for Federal Offroad Vehicle and Engine Standards (40 CFR Parts 89 and 90) has also been taken.

c-Slight increase in emissions.

d-Does not reduce Nox Emissions.





# Contingency Measures

---

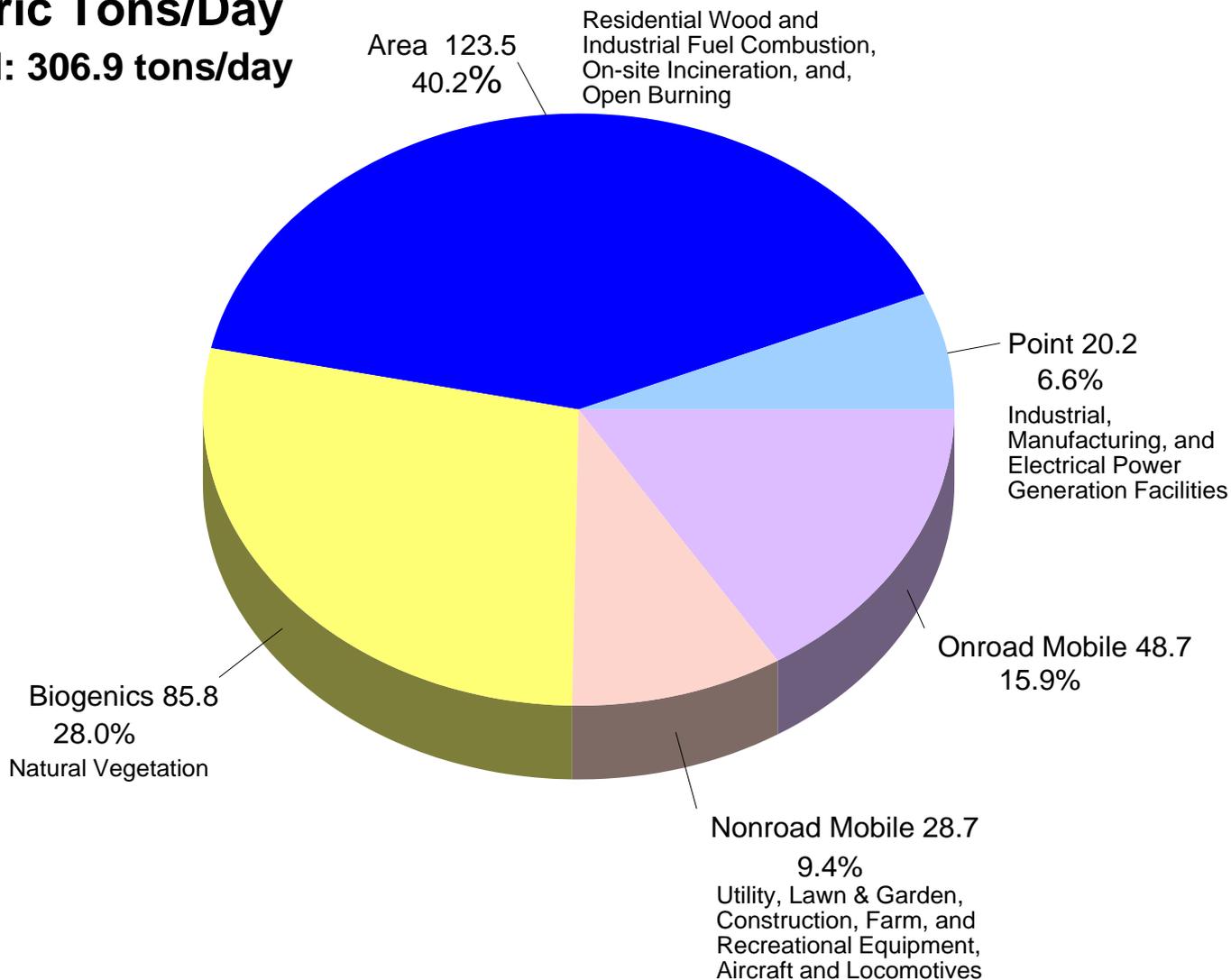
- **Expansion of Area A Boundaries (to West)**

Area A includes portions of Maricopa, Pinal and Yavapai Counties

- **Gross Emitter Waiver Provision**
- **Increased Waiver Repair Limit**

# 2015 Volatile Organic Compound Emissions

**Metric Tons/Day**  
**Total: 306.9 tons/day**

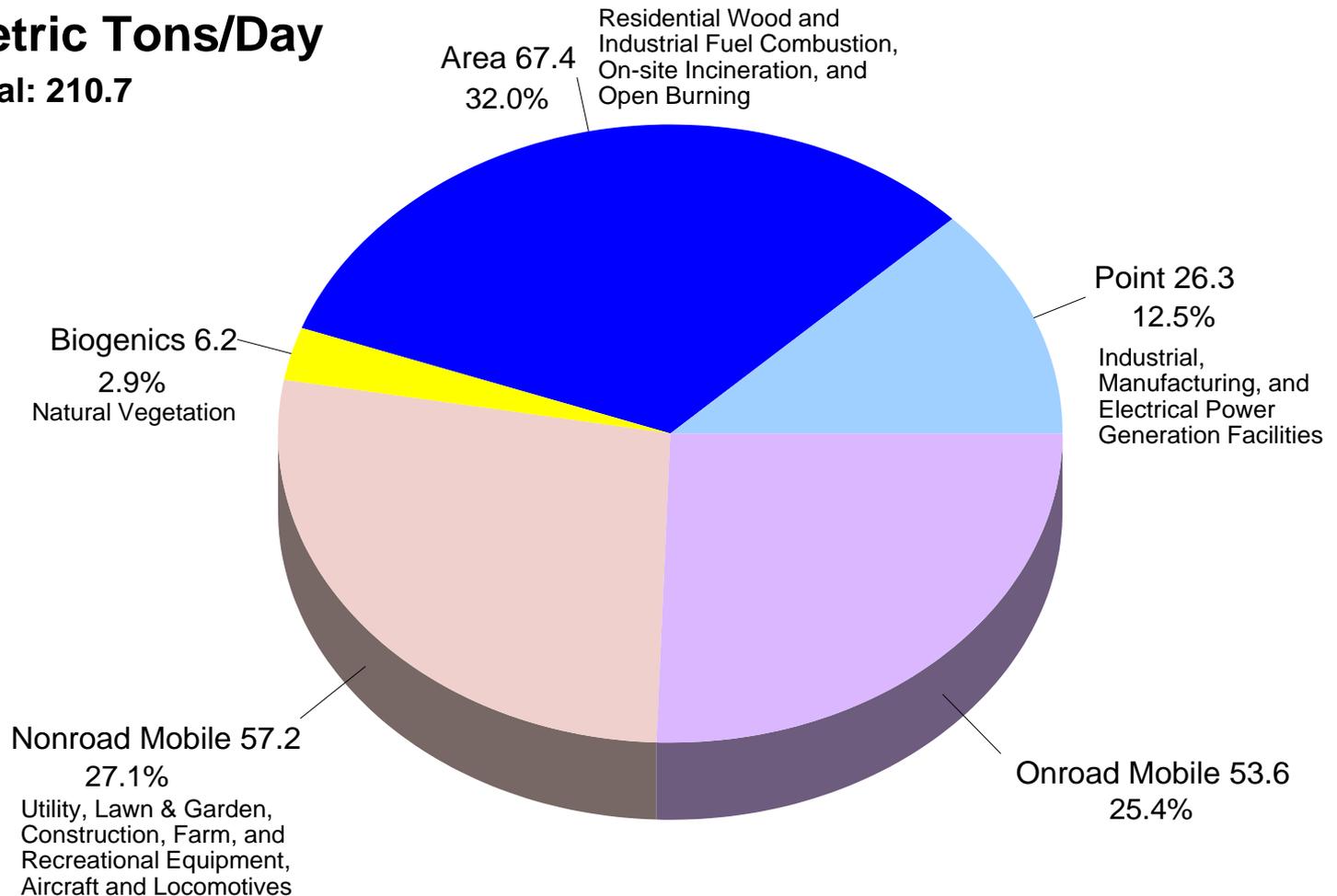




# 2015 Nitrogen Oxide Emissions in the One-Hour Ozone Nonattainment Area

## Metric Tons/Day

Total: 210.7





For more information

---

**Lindy Bauer, MAG 602-254-6300**

**[www.mag.maricopa.gov](http://www.mag.maricopa.gov)**

