

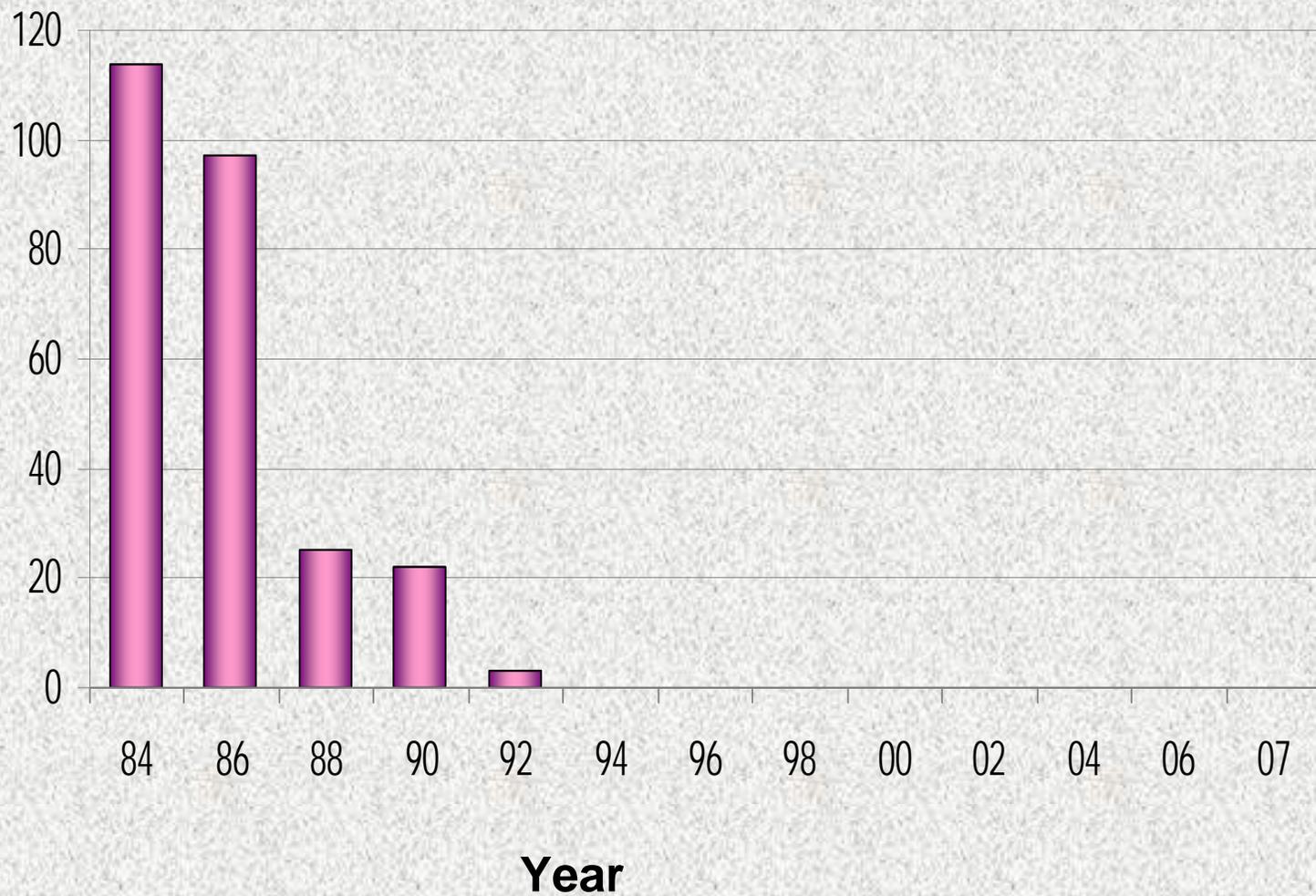
City of Phoenix Implementation Strategy



Air Quality Overview
&
Senate Bill 1552

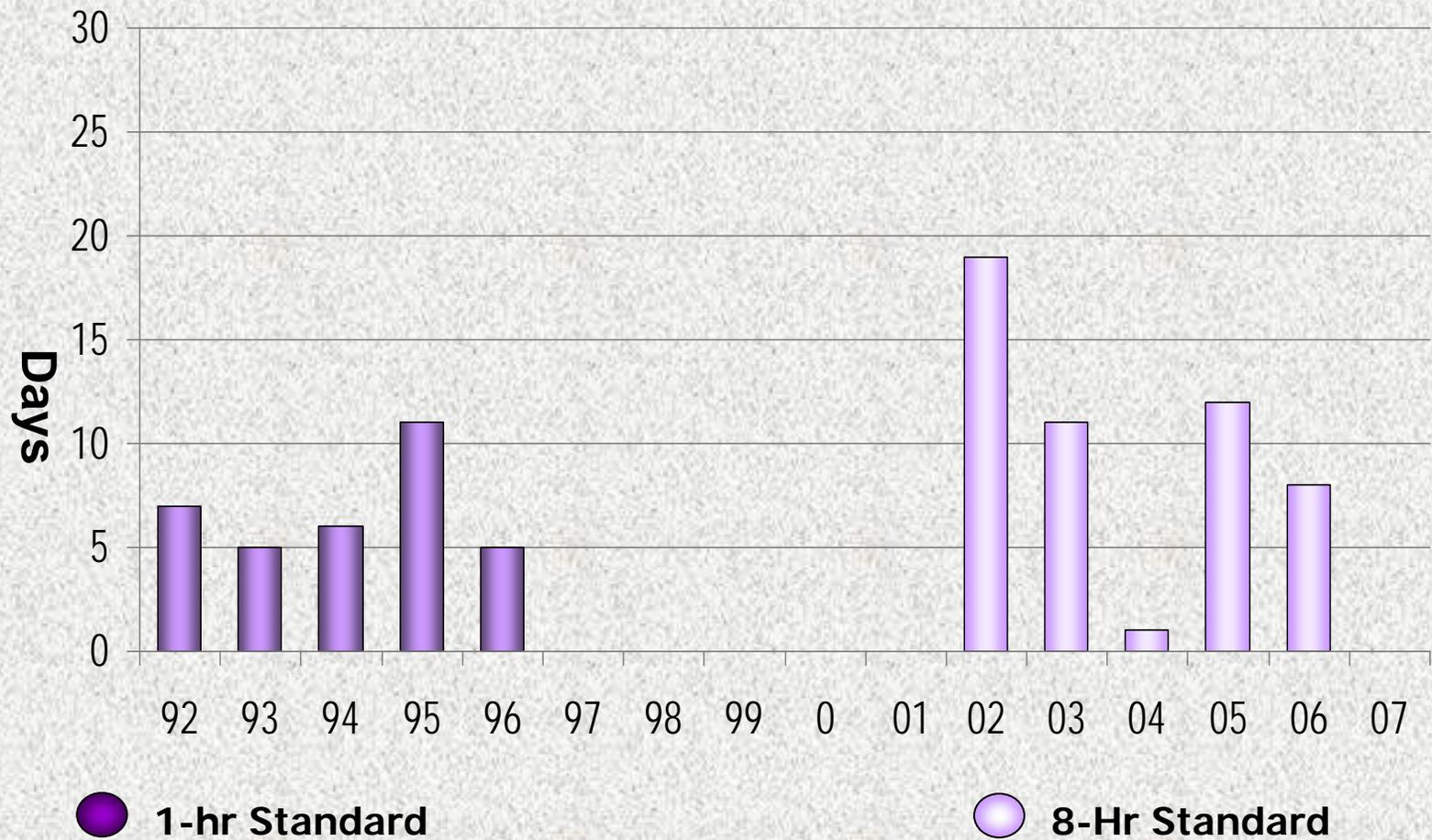
Carbon Monoxide Days Above the Standard

Days



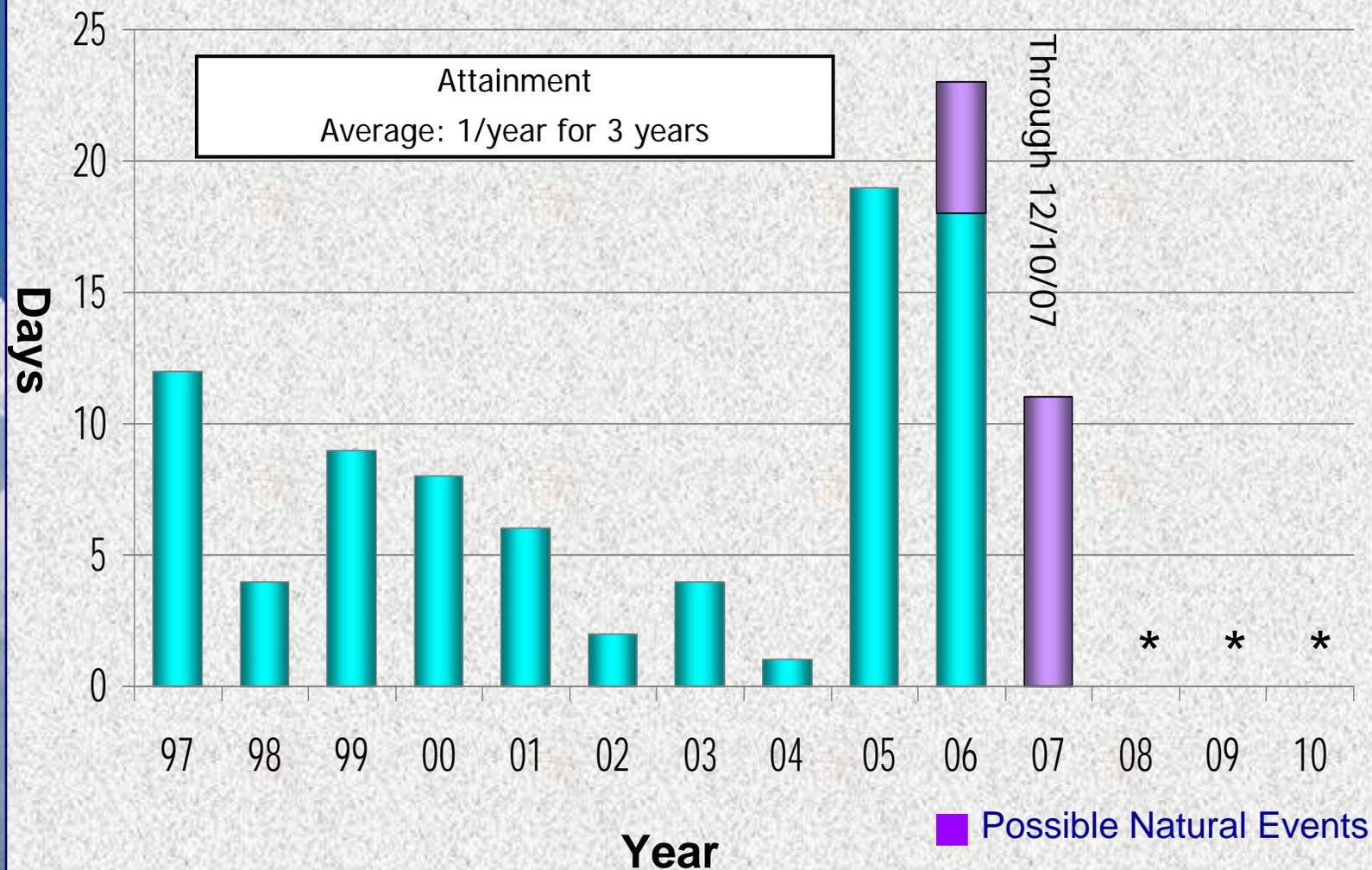
Ozone

Days Above Health Standard



Year

Particulates (PM-10) Days Above Health Standard



Summer Wind Storms

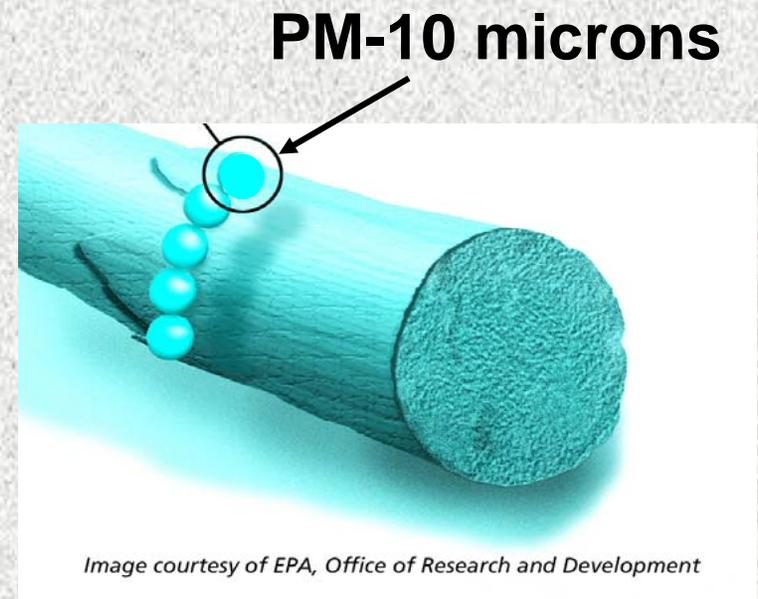


Winter Inversions



Particulates: PM-10

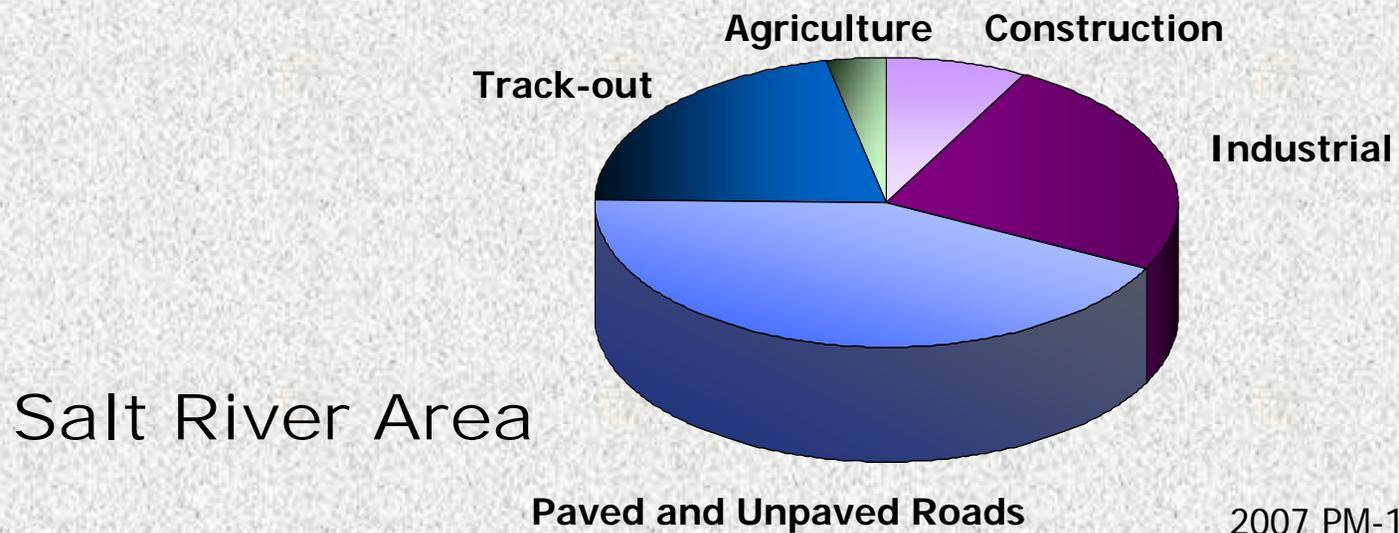
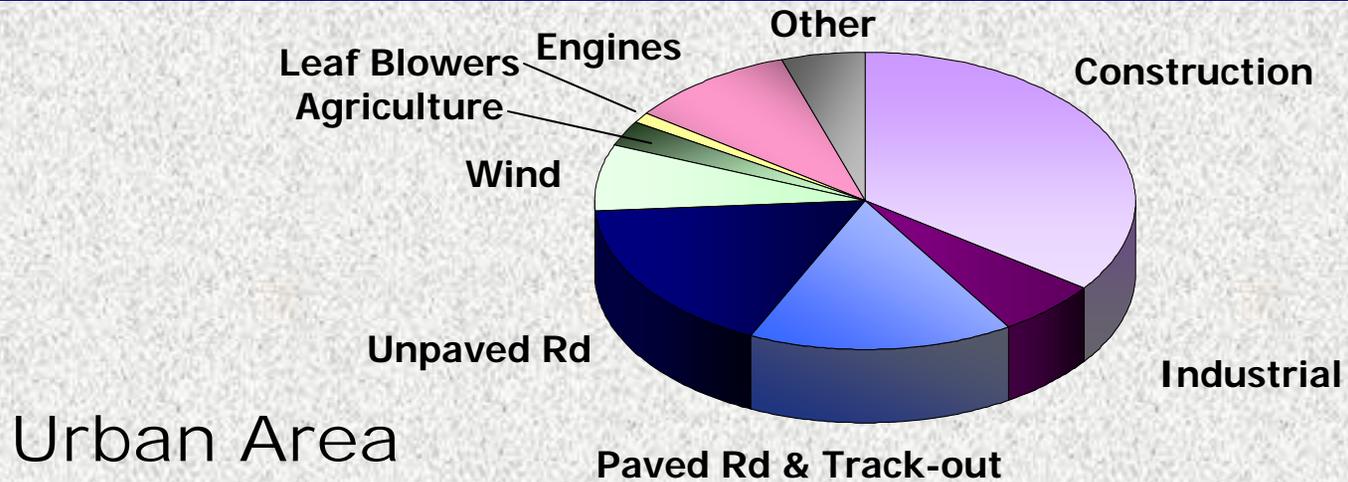
- Health Impacts
 - Increased Asthma
 - ER Visits
 - Hospitalizations



Human Hair = 70 Microns

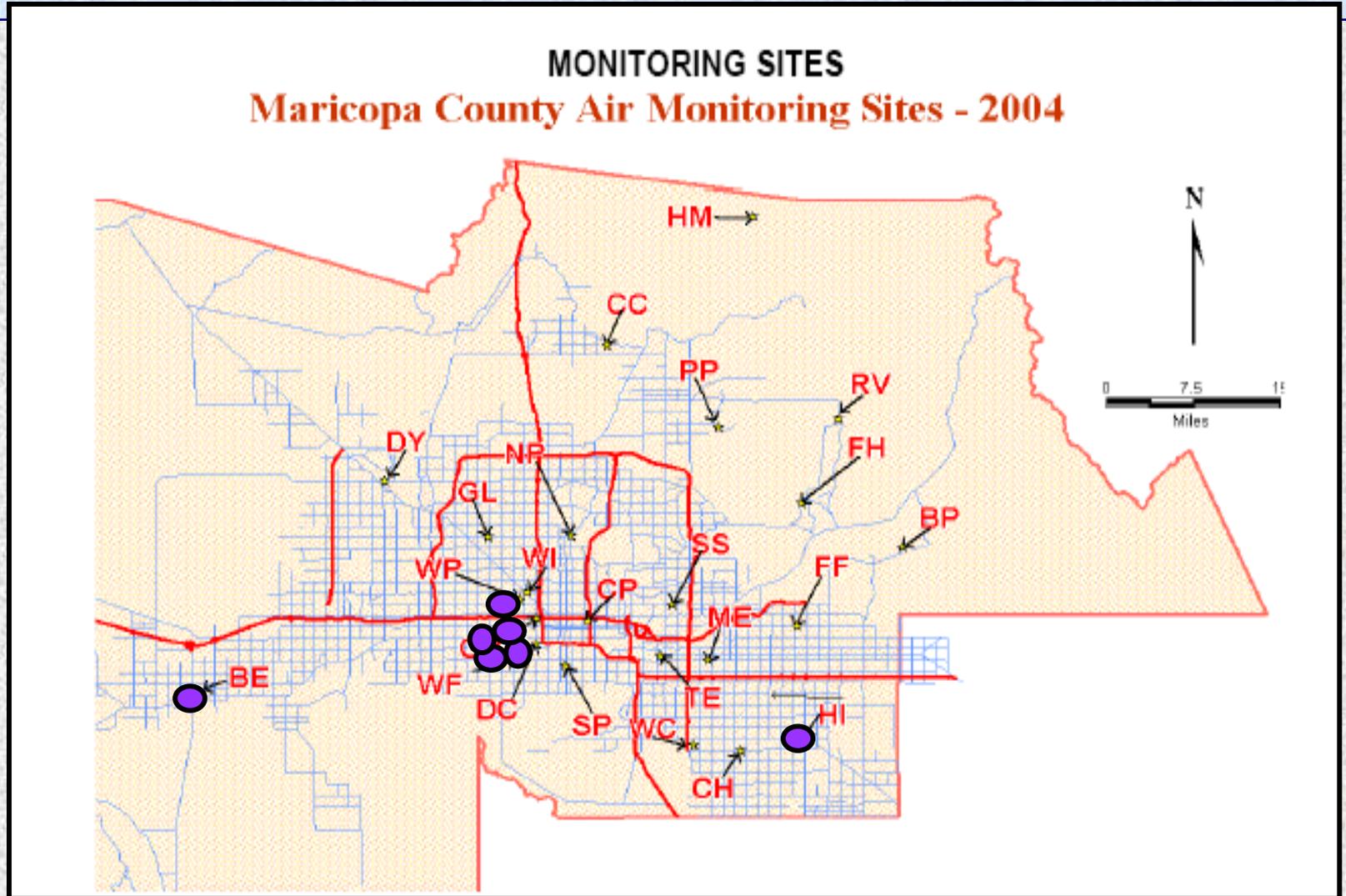
PM-10 Sources

99,445 tons/year



Air Quality Monitors

Sites Above PM-10 Health Standard





Air Quality Plans

- Required by Federal Clean Air Act
- Prepared by MAG
- ADEQ submits to EPA
 - Failed to meet 2006 compliance deadline
 - 2007 Plan submitted in December
 - New measures to reduce dust
 - ◆ SB-1552
 - ◆ Commitments from Cities and Towns
 - ◆ County Rules



Senate Bill 1552

2007 Air Quality Legislation

- More than 80 New Provisions
- 30 Impact Cities and Towns
- Many Deadlines in March 2008
- Included in MAG 2007 PM-10 Plan



Disclaimer

SB 1552 Implementation

- Information is general guidance
- Cursory summary information only
- Read the law
- Work with your attorney

Parking Ordinance

- Parking, Maneuvering, Ingress/Egress
 - Includes existing parking lots
 - Asphalt, concrete, or approved method
 - Adopt by March 31, 2008
 - Enforcement:
 - ◆ Multifamily & Commercial – Oct 1, 2008
 - ◆ Residential (3,000 sq feet) Oct 2





Vacant Lot Ordinances

- Ban Parking on Vacant Lots
- Ban Vehicle use on Vacant lots
- Restrict ATV Use
 - Property posted by property owner
 - Class 3 Misdemeanor



Leaf Blower Ordinance

- Cities/Towns, County, & State
 - Ordinance
 - ◆ Ban Blowing into Right-of-Way
- State
 - ◆ Vacuum Mode Only - HPA
 - Government Staff and Contractors
 - ◆ Training for commercial services
 - ◆ Outreach materials provided by rental co.
 - ◆ Executive Order: Ban use on state property



Road, Shoulder, and Alley Plan

- Original Version: 2000
 - Targeted: roads, alleys, & arterial shoulders
 - Goals, criteria, schedule, funding

- SB-1552
 - Consider roads with > 100 TPD
 - Shoulders with current/expected traffic use



Dust Coordinators & Training

- Dust Coordinators
 - On-site during active dust operations
- County Training Required: 3 years
 - Comprehensive Training
 - ◆ Sites > 5 acres
 - ◆ Usually not city staff
 - Basic Training
 - ◆ Sites 1-5 acres
 - ◆ Water truck drivers



Street Sweeping

- Cities/Towns Who Use Contractor for Routine Sweeping
 - Require PM-10 Efficient Sweepers
 - New Contracts



Alternate Work Schedules

- Existing Law with Minor Edit
- If more than 50,000 pop. in 1995
- October - April
- 85% on Alternate Work Schedules



Reports to Legislature (JLBC)

- Cities, Towns, & County
- July & December: 2008 & 2009
 - Miles of roads, shoulders & alleys treated
 - Particulate enforcement
 - ◆ Violations, fines, and staffing



County Dust Enforcement

- New Funding: \$24M
- New staff:
 - 51 Inspectors
 - 40 Other staff
- 3,813 Dust Violations in 2007



County Dust Rules

- Earthmoving Permits
 - Dust Control
 - Water Truck
 - Track-Out Control
- Trained staff on sites > 1 Acre
- Pave/stabilize parking lots & roads
- Stabilize vacant lots

Project	Volume	Cost (Million)
Roads: Asphalt Surface	70 Miles	5.0
Alleys: Asphalt Surface	265 Lane Mi.	4.6
Alley Dustproofing 2007	60 Miles	0.55
Sweeping: PM-10 Compliant Sweepers	N/A	0.18
Sweeping: Doubled in Salt River Area	246 Lane Mi.	0.5
Shoulders: 4' Asphalt Edging	24 Lane Mi.	0.2
Shoulders: Grading / Granite	17 Lane Mi.	0.3
Shoulders: Asphalt Surface – Broadway Rd	1.5 Mi.	0.2
Shoulders - Paved Rt. Turn Lanes	5 Lanes	0.1
Shoulders- 43 rd Ave Curb and Gutter	1.3 Miles	1.7
Shoulders: Asphalt Surface – SW Target Area	2.5 Miles	0.4
Salt River Bed Clean-Up	12 Acres	0.4
Pave City Parking Lots	54 Lots	5.0
Total Projects		\$19.1

Shoulder Paving Broadway Road



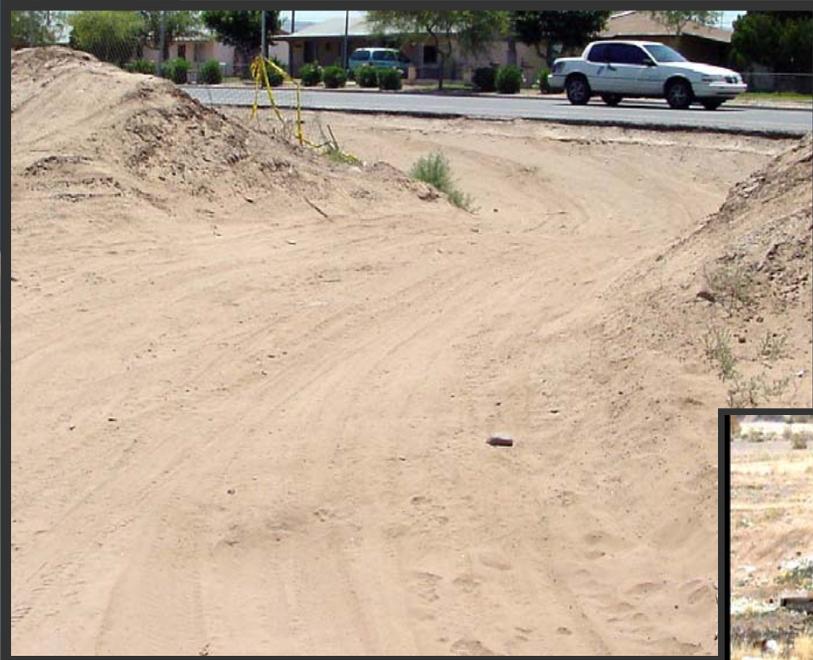
New Turn Lanes

Before

After



Salt River Stabilization



Before



Salt River Stabilization

After

12 Acres of Mulch



>2,000 Tires

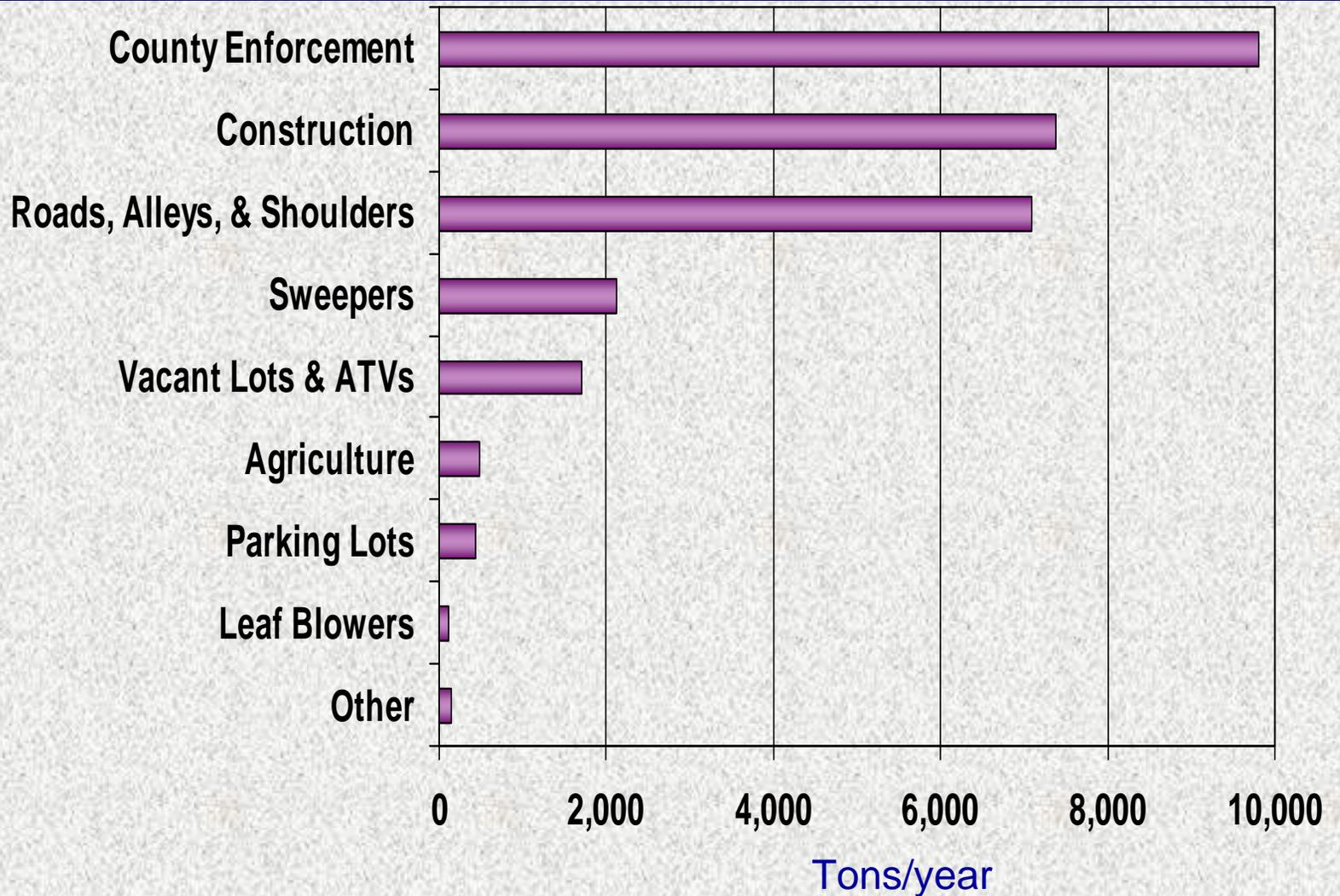
Parking Lot Enforcement



~ 300 Cases

Impact of New Measures

Total: 29,294 tons/year



Emission Reduction

2008 - 2010

	Tons Reduced Includes Contingency Measures
Attain Health Standard	25,251
Measures in Plan	29,294
Balance	4,043

Senate Bill 1552

<http://www.azleg.gov>

47th Regular Session

Arizona State Legislature

Forty-eighth Legislature - Second Regular Session

Senate House Legislature Bills Committees Statutes Executive Calendars News

Latest News

- Worksite Enforcement
- Legislators Back to School
- Discount Prescription Drugs
- Wireless Internet Access
- How Do I Find My Legislators
- Frequently Asked Questions
- Live Proceedings

Legislative Session

- Bills
- Floor Calendars
- Committee Agendas
- Posting Sheets
- Blue/Concur Refuse Sheets
- Standing Committee Members
- Strike Everything Bills
- Session Laws
- Table of Sections Affected

Welcome to the Arizona State Legislature

Welcome to the official web site of the Arizona State Legislature. Use this web site as a tool to track pending legislation, plus locate and contact individual legislators, and stay up-to-date on current issues. For an overview of the legislative process in Arizona, please feel free to explore our web site. For today's Legislative schedule, please view the [ALIS Today](#) calendar. To see a list of events that are happening this month, please view the [Capitol Events](#).

Members Request To Speak ALIS Tracking

The Arizona State Legislature is a bicameral body with 30 members in the Senate and 60 members in the House of Representatives. Each district is served by one Senator and two House members.

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