



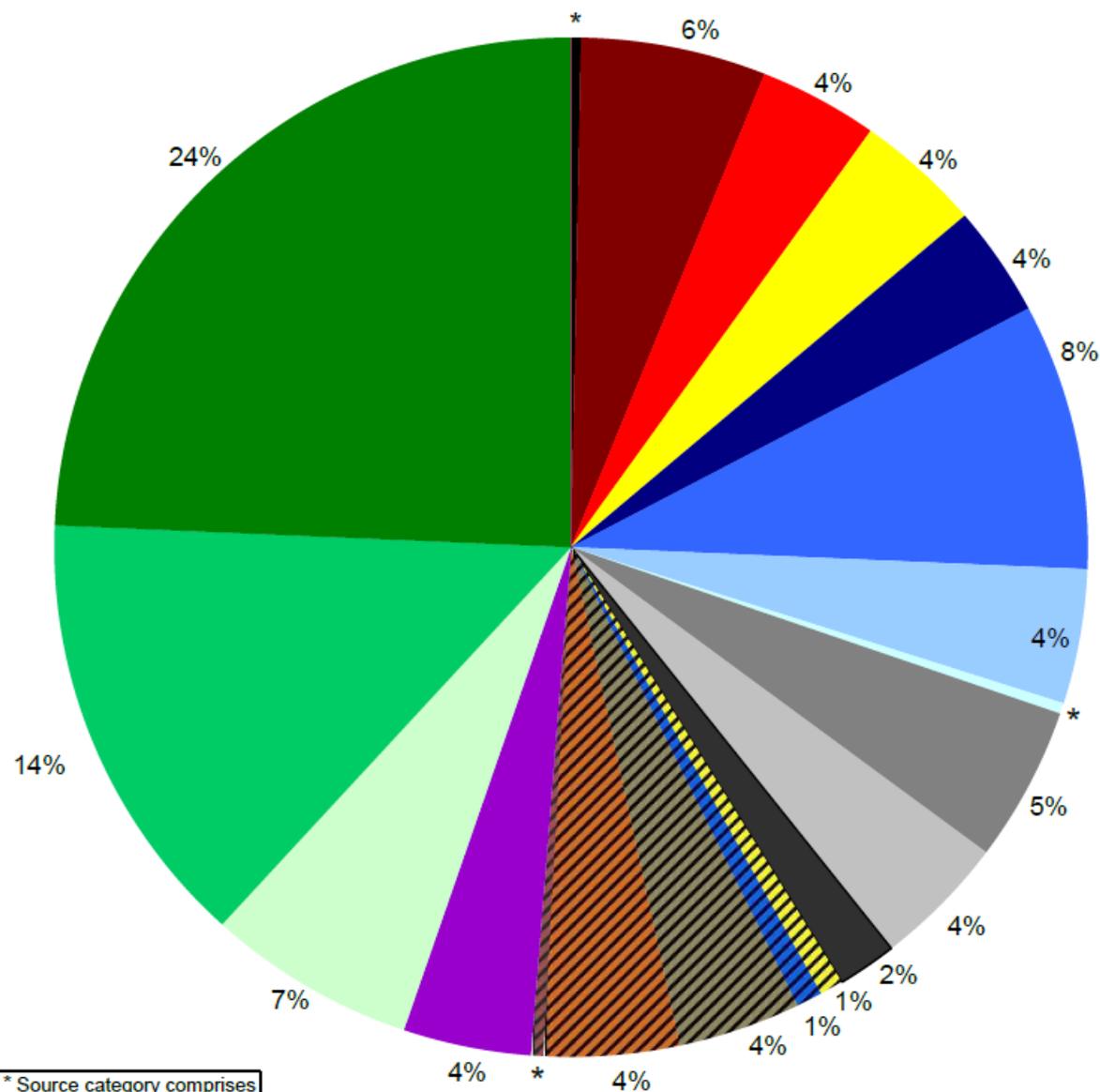
Update on MAG Five Percent Plan for PM-10

MAG Regional Council

April 27, 2011

REVISED 2008 PM₁₀ Emissions Inventory (March 2011)

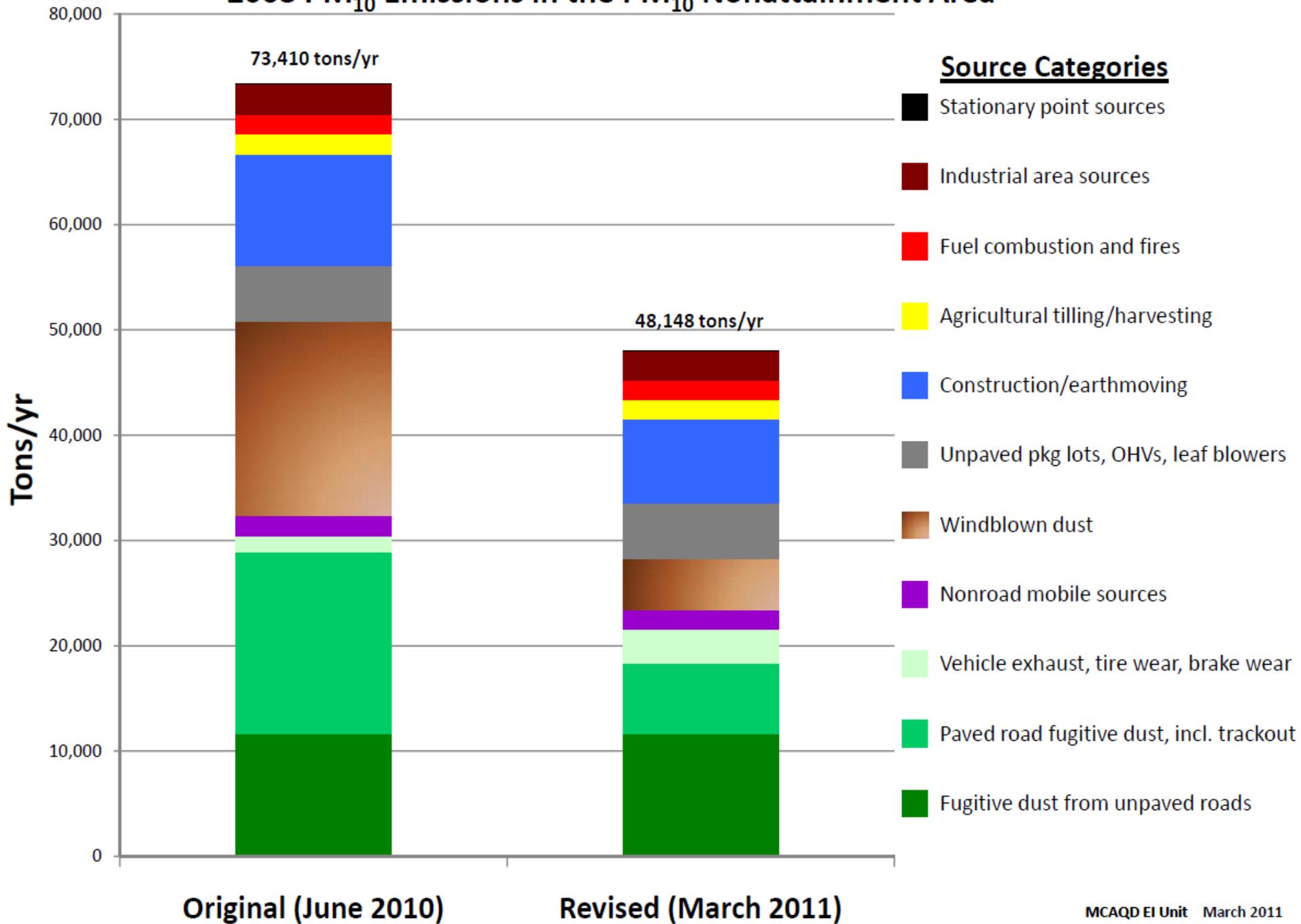
PM₁₀ NAA Total = 48,148 tons/yr



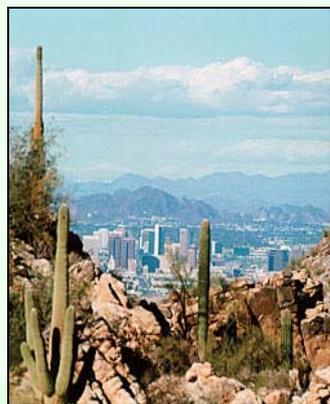
Source Categories		%
Major stationary point sources		<0.5%
All other industrial processes		(6%)
Fuel combustion and fires		(4%)
Agricultural tilling/harvesting		(4%)
Construction, residential		(4%)
Construction, commercial		(8%)
Construction, road		(4%)
Other earthmvg: trenching, weed control		<0.5%
Travel on unpaved parking lots		(5%)
Offroad recreational vehicles fugitive dust		(4%)
Leaf blowers fugitive dust		(2%)
Windblown: agricultural land		(1%)
Windblown: developing land		(1%)
Windblown: vacant land		(4%)
Windblown: open areas		(4%)
Windblown: S&G, landfills, test tracks		<0.5%
Nonroad mobile sources		(4%)
Vehicle exhaust, tire wear, brake wear		(7%)
Paved road fugitive dust, including trackout		(14%)
Unpaved road fugitive dust		(24%)

* Source category comprises less than 0.5% of total.

2008 PM₁₀ Emissions in the PM₁₀ Nonattainment Area



Tentative Schedule for Five Percent Plan

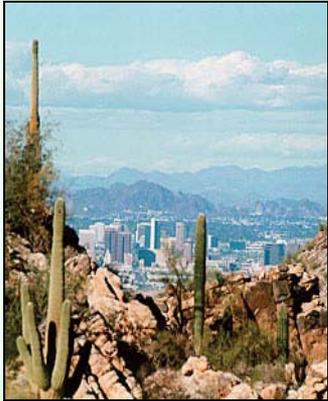


- Final 2008 Periodic Emissions Inventory-Mar. 2011
- Prepare Land Use, Meteorological and Air Quality Inputs for High-Wind Rollback Modeling-May 2011
- Finalize Modeling Protocol Document-Jun. 2011
- High-Wind Rollback Modeling & Performance Evaluation-July 2011
- Committed Measure Evaluation Process-Oct. 2011
- Plan Document Available for Public Review-Oct. 2011
- Public Hearing-Nov. 2011
- AQTAC Recommendation- Nov. 2011
- Management Committee Recommendation-Jan. 2012
- Regional Council Action-Jan. 2012
- Submit to ADEQ/EPA-Jan. 2012
- Monitoring Data Quality Assured-May 2012

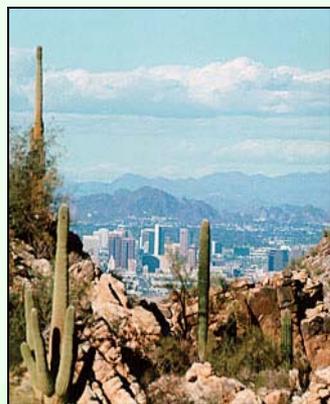


EPA Clean Data Policy – Best Case Scenario for the Region

- Region would need 3 years of clean data at monitors (2009, 2010, 2011)
- EPA could then issue a finding of attainment
- Clean Air Act requirements would be suspended for reasonable further progress, attainment demonstration, and contingency measures **AS LONG AS THE AREA REMAINS IN ATTAINMENT**
- A redesignation request to attainment status and maintenance plan could then be pursued



Prevention Activities Underway



- **City of Phoenix Dust Reduction Task Force – Short term goals – April 15, 2011 Long term goals – May 15, 2011**
- **Maricopa County upgrades to provide “near real time” monitor data to prevent exceedances – May 31, 2011**
- **MAG PM-10 Prevention Video – May 15, 2011**
- **Maricopa County departments are mobilizing to prevent dust**
- **MAG has developed a Rapid Response Action Plan Template and Tool Kit**
- **MAG held a second workshop with local governments, Maricopa County, and ADEQ – April 21, 2011**
 - Leadership from city management is needed to engage all necessary departments in the Rapid Response Action Plan
- **ADEQ is sending out the Maricopa County Dust Control Action Forecast 5 days in advance**
- **Business and industry associations are notifying members when high winds are forecasted**



For More Information

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