



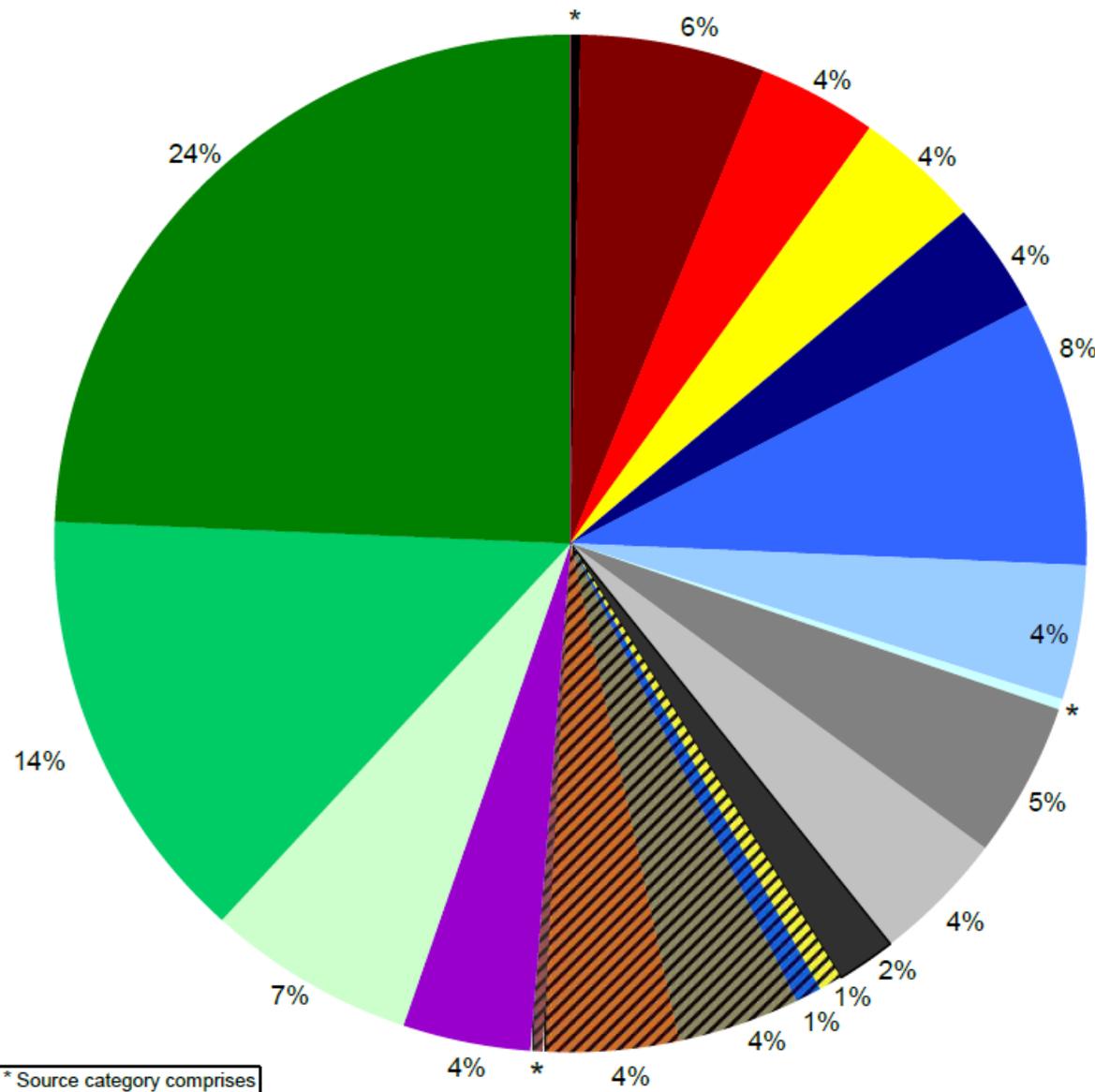
Update on MAG Five Percent Plan for PM-10

MAG Management Committee

April 13, 2011

REVISED 2008 PM₁₀ Emissions Inventory (March 2011)

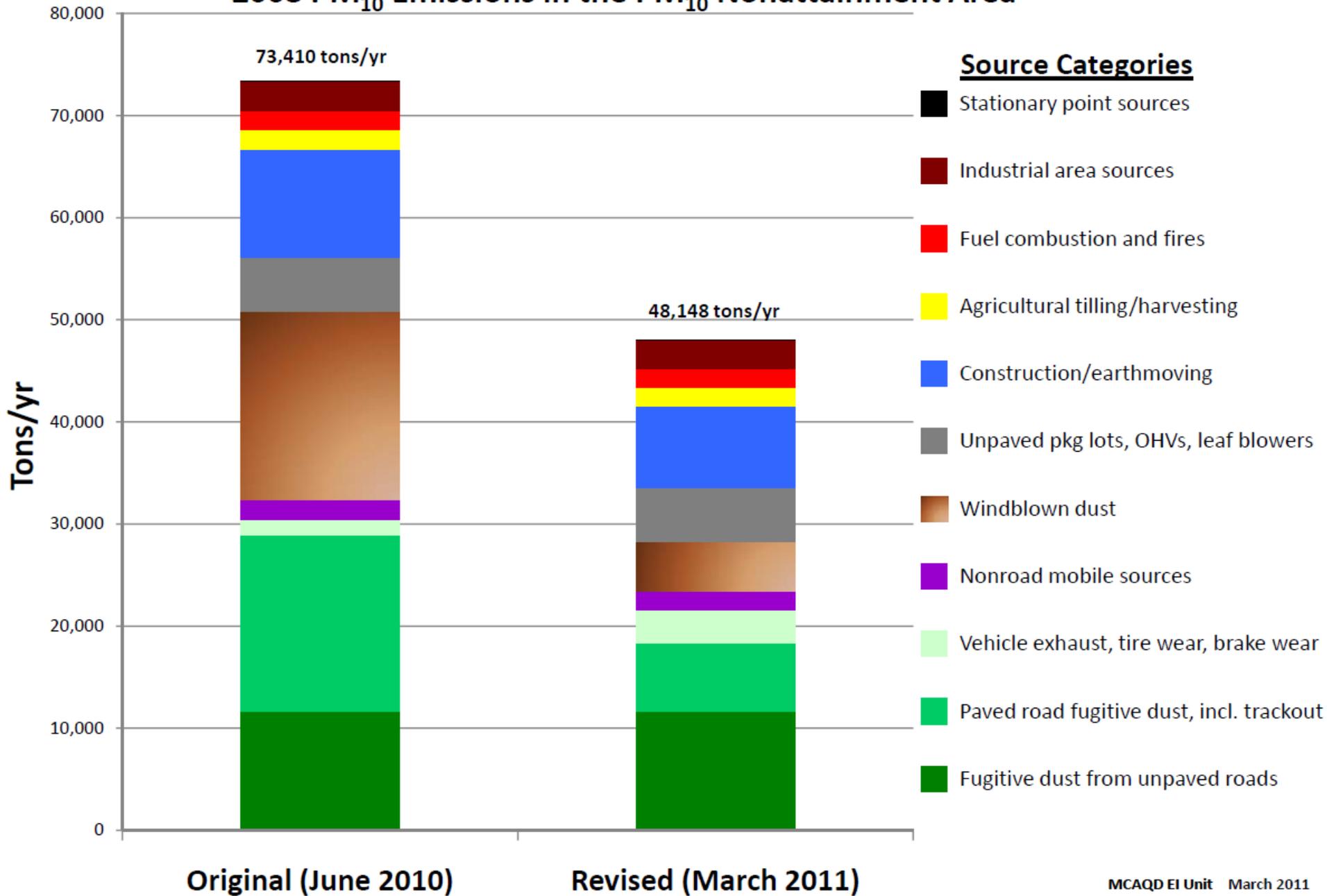
PM₁₀ NAA Total = 48,148 tons/yr



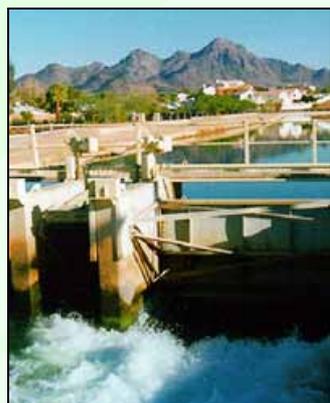
Source Categories		%
Major stationary point sources		<0.5%
All other industrial processes		(6%)
Fuel combustion and fires		(4%)
Agricultural tilling/harvesting		(4%)
Construction, residential		(4%)
Construction, commercial		(8%)
Construction, road		(4%)
Other earthmvg: trenching, weed control		<0.5%
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



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



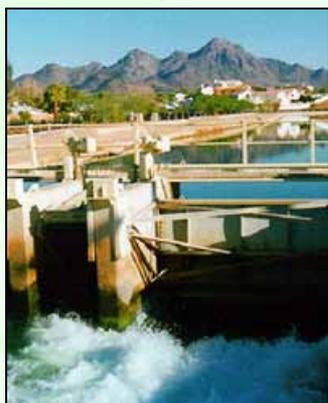
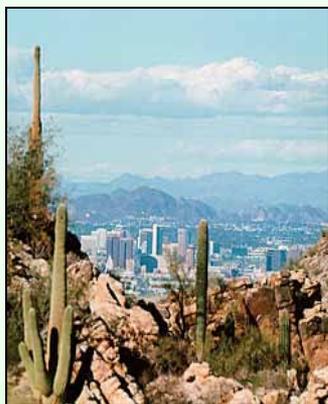
EPA Clean Data Policy – Best Case Scenario for the Region

- n **Region would need 3 years of clean data at monitors (2009, 2010, 2011)**

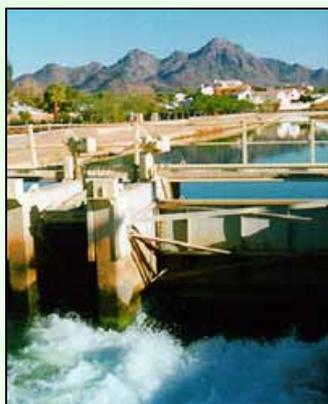
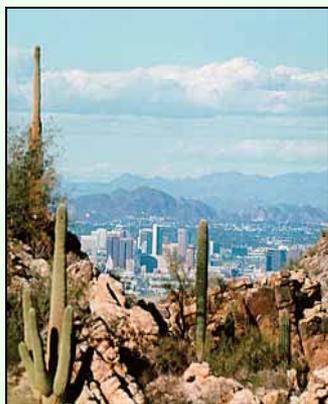
- n **EPA could then issue a finding of attainment**

- n **Clean Air Act requirements would be suspended for reasonable further progress, attainment demonstration, and contingency measures AS LONG AS THE AREA REMAINS IN ATTAINMENT**

- n **A redesignation request to attainment status and maintenance plan could then be pursued**



Prevention Activities Underway



- n **City of Phoenix created a Dust Reduction Task Force – March 16, 2011**
- n **MAG Regional Council Executive Committee approved \$90,000 for Maricopa County upgrades to provide “near real time” monitor data to prevent exceedances – March 21, 2011**
- n **MAG Regional Council Executive Committee approved funding for a PM-10 Prevention Video – March 21, 2011**
- n **Maricopa County departments are mobilizing to prevent dust**
- n **MAG has developed a Rapid Response Action Plan Template and Tool Kit**
- n **MAG will hold a second workshop with local governments, Maricopa County, and ADEQ – April 21, 2011**
- n **ADEQ is refining the Maricopa County Dust Control Action Forecast**
- n **Business and industry associations are notifying members when high winds are forecasted**



For More Information

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