

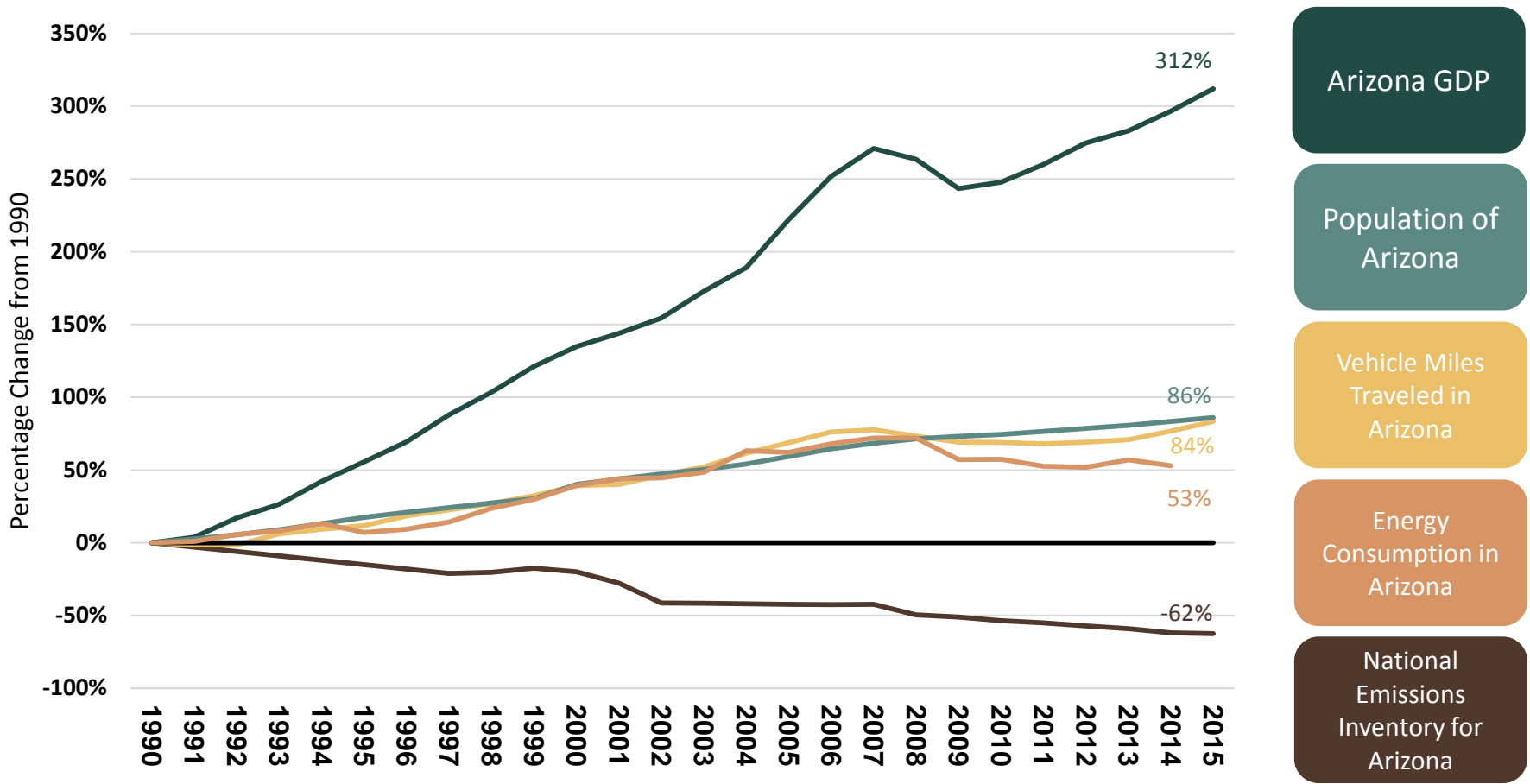


Air Quality Division

MISSION

Our Mission

To protect and enhance public health and the environment by ensuring that ambient air is healthy to breathe, visibility in national parks and forests is pristine, and air quality does not negatively impact environmental systems. AQD accomplishes that mission by controlling current and future sources of air pollution.



Sources

Gross Domestic Product for Arizona: U.S. Bureau of Economic Analysis
 Vehicle Miles Traveled in Arizona: Arizona Department of Transportation
 Population of Arizona: U.S. Census Bureau
 Energy Consumption in Arizona: U.S. Energy Information Administration
 National Emissions Inventory for Arizona: U.S. Environmental Protection Agency



Business
Partners



Community
Leaders



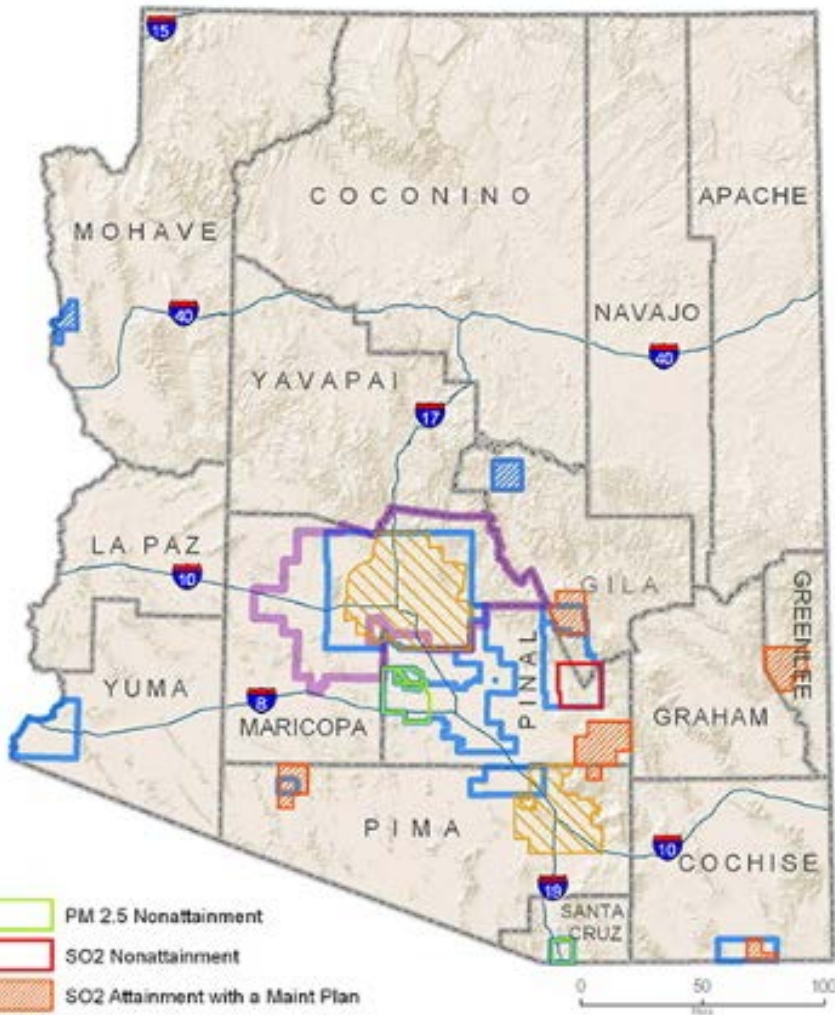
Community-based
Effort & Partnership



Non-Governmental
Organizations



Air Quality
Agencies



- PM 2.5 Nonattainment
- SO2 Nonattainment
- SO2 Attainment with a Maint Plan
- CO Attainment with a Maint Plan
- O3-8 hr Nonattainment
- PM10 Non Attainment Area
- PM10 Attainment with a Maint Plan

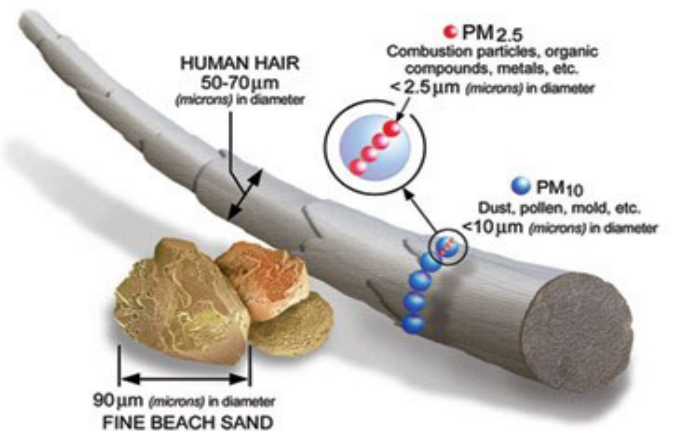
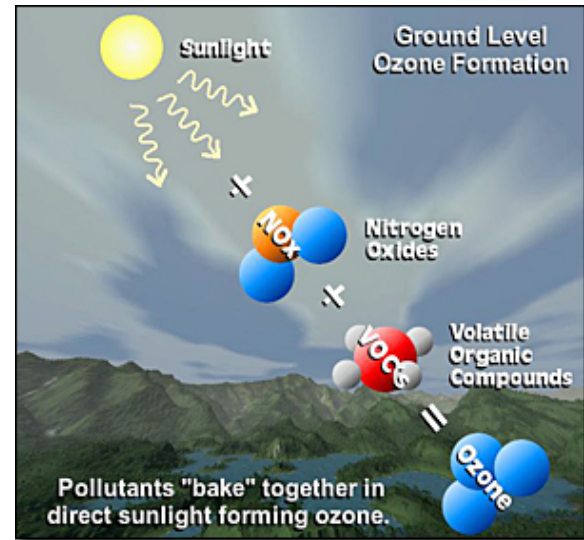


Image courtesy of the U.S. EPA

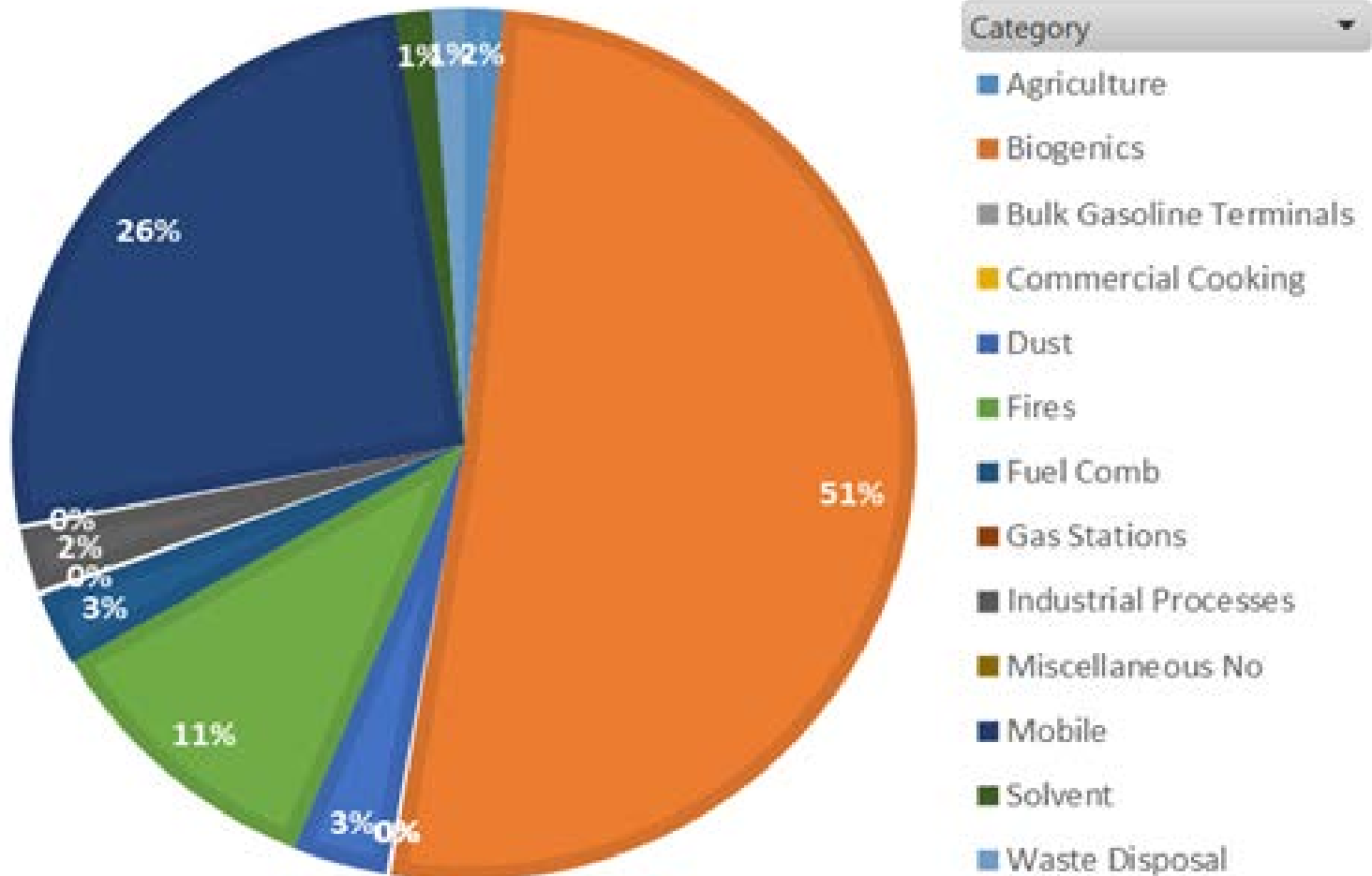


educate

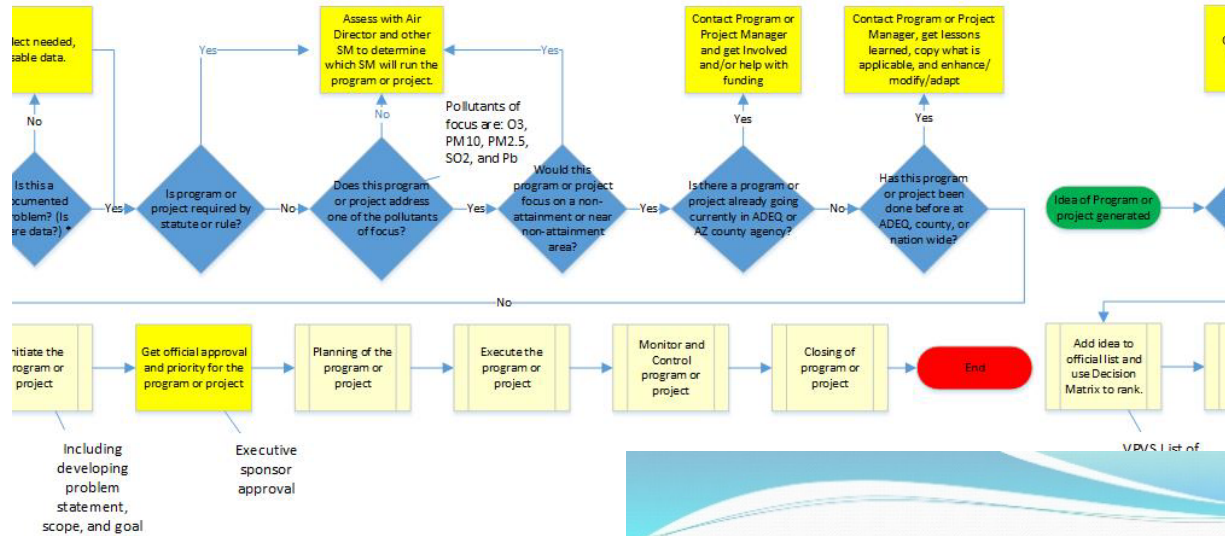
Air Pollution Reduction



Arizona National Emissions Inventory (NEI)



Program or Project High Level Process for Voluntary Program Section

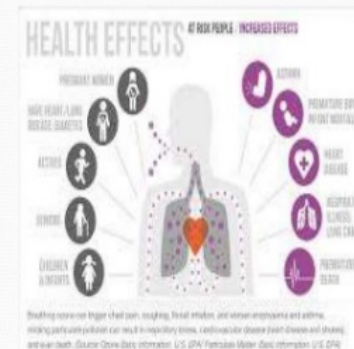


Economic Analysis



Effects of Air Pollution

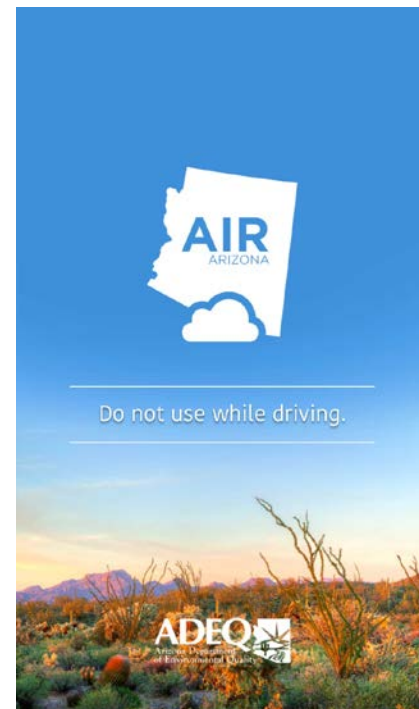
Human health



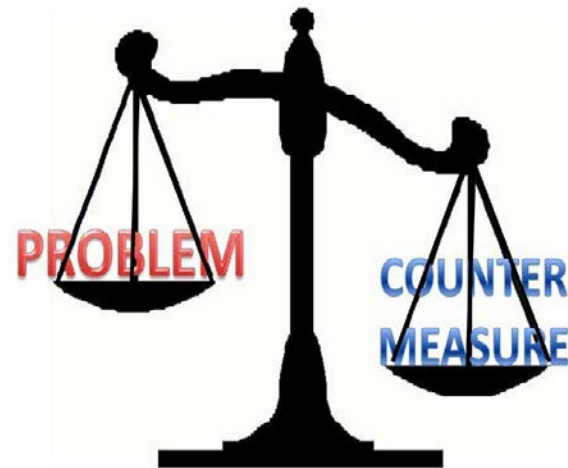
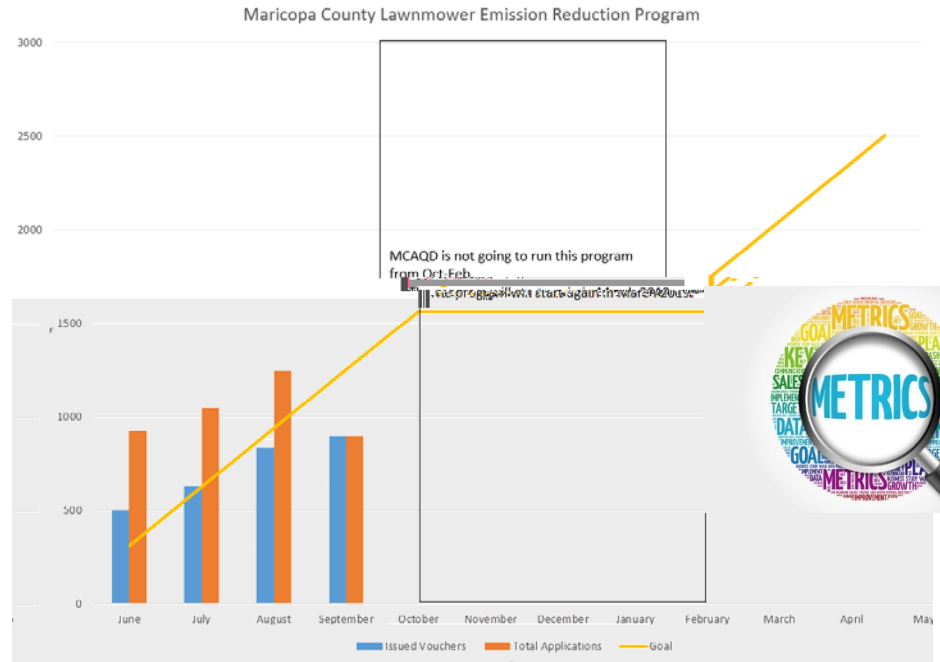
Environmental



- I-10 Dust Mitigation/Stabilization
- Lawn & Garden – MCAQD & Pima
- DERA – School Bus Replacement Programs
- Air Quality Flag Program
- Idle Reduction Program
- Air Apps – Consolidation and Expansion
- ADEQ EV Chargers (Pilot)
- EV rebates
- Urban and Community Forestry Program



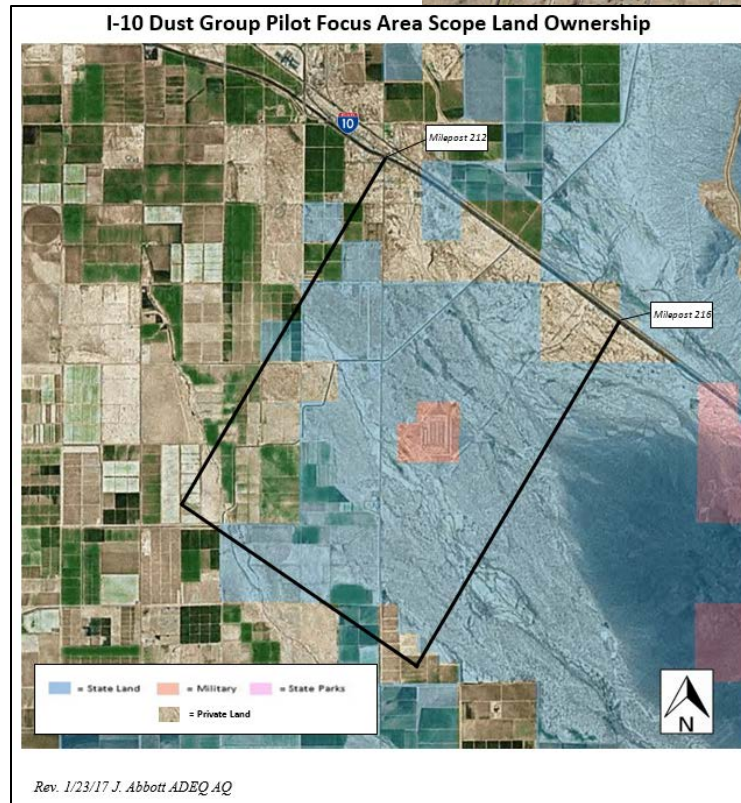
Active management



- ADEQ Completed the MP214 and Smith Road Projects

- MP 214 Monthly sample collection

- 10/18/17 – Installed
- 11/20/17 – No accumulation
- 12/18/17 – No accumulation
- 1/30/18 – No accumulation







November 30, 2017



December 30, 2017



January 30, 2018







- Determining areas of highest impact to highway
 - DPS incident reports on I-10
- Access Agreements
 - Public and Private
- Long Term Projects vs Short Term Stabilization
- Funding



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