

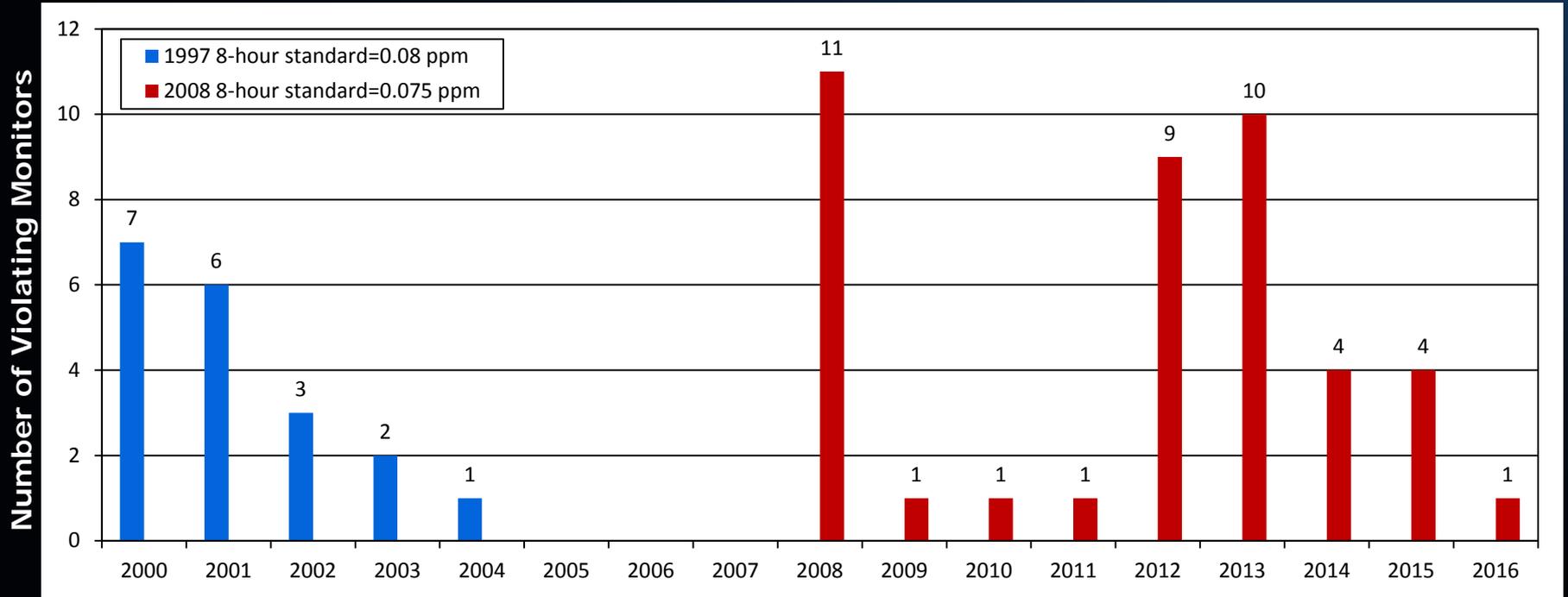
Update on Ozone Monitoring Data



MAG Air Quality Technical Advisory Committee
August 25, 2016

Eight-Hour Ozone Monitoring Data

Number of Monitors Violating the Eight-Hour Ozone Standards in the Maricopa Nonattainment Area

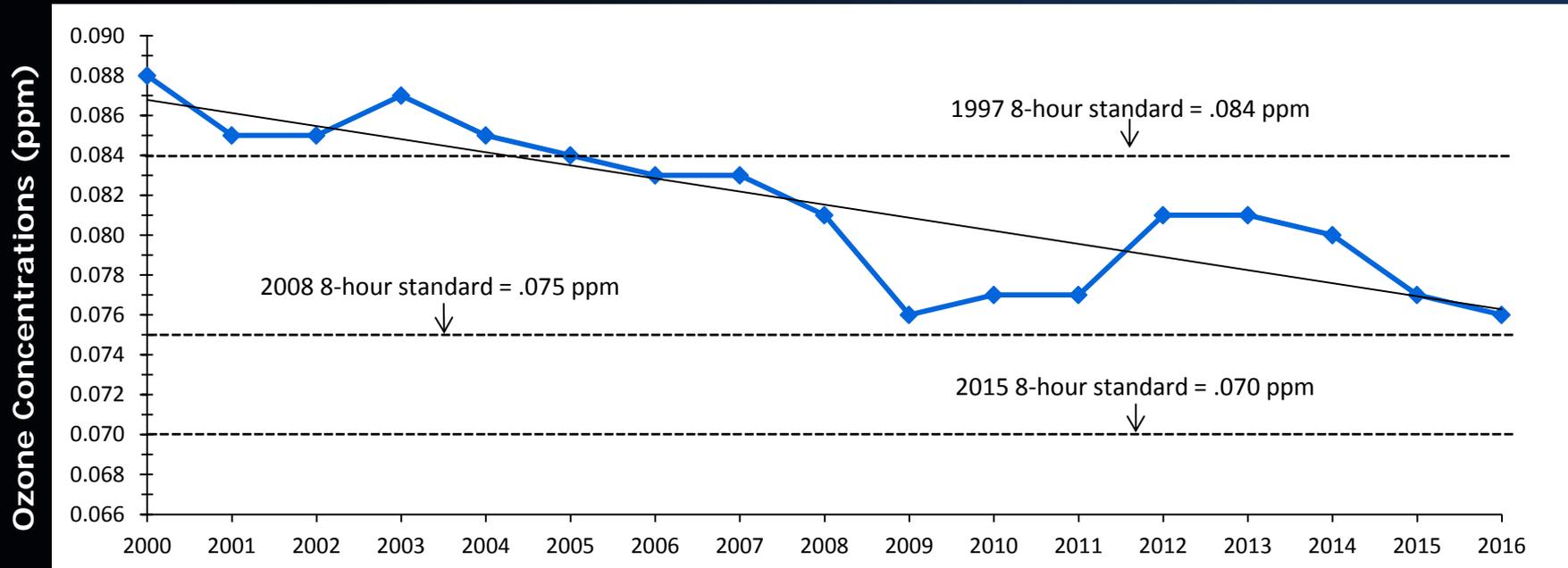


Notes:

- Data for 2015 excludes exceedances from a potential exceptional event that occurred on June 20, 2015.
- The 2016 values are based on preliminary data through August 22, 2016.
- Sources: 2000-2015: EPA Air Quality System; 2016: Maricopa County, Pinal County, Arizona Department of Environmental Quality.

Eight-Hour Ozone Monitoring Data

Highest 3-Year Average of the 4th Highest 8-Hour Ozone Concentration in the Maricopa Nonattainment Area



Notes:

- Data for 2015 excludes exceedances from a potential exceptional event that occurred on June 20, 2015.
- The 2016 values are based on preliminary data through August 22, 2016.
- To attain the eight-hour ozone standard, the 3 year average of the 4th highest daily maximum 8-hour concentration at each monitor per year must not exceed the standard.
- Due to mathematical rounding, values greater than or equal to .085 ppm are necessary to exceed the .08 ppm eight-hour ozone standard.
- Sources: 2000-2008: MAG Eight-Hour Ozone Redesignation Request and Maintenance Plan for the Maricopa Nonattainment Area, February 2009; 2009-2015: EPA Air Quality System; 2016: Maricopa County, Pinal County, Arizona Department of Environmental Quality.

Eight-Hour Ozone Monitoring Data for 2014-2016^{#,*}

4th Highest 8-Hour Ozone Concentration at the Monitors (in ppm)

| | 2014 | 2015[#] | 2016[*] | 3-Year Average of the 4th High^{#,*} |
|---------------------------------|--------------|-------------------------|-------------------------|--|
| Apache Junction | 0.066 | 0.073 | 0.072 | 0.070 |
| Blue Point | 0.074 | 0.071 | 0.071 | 0.072 |
| Buckeye | 0.060 | 0.060 | 0.059 | 0.059 |
| Cave Creek | 0.074 | 0.069 | 0.071 | 0.071 |
| Central Phoenix | 0.071 | 0.071 | 0.070 | 0.070 |
| Dysart | 0.070 | 0.067 | 0.063 | 0.066 |
| Falcon Field | 0.076 | 0.072 | 0.073 | 0.073 |
| Fountain Hills | N/A | 0.069 | 0.068 | N/A |
| Glendale | 0.071 | 0.067 | 0.066 | 0.068 |
| Humboldt Mountain | 0.074 | 0.073 | 0.072 | 0.073 |
| Mesa | 0.078 | 0.072 | 0.075 | 0.075 |
| North Phoenix | 0.078 | 0.074 | 0.075 | 0.075 |
| Phoenix Supersite | 0.077 | 0.075 | 0.075 | 0.075 |
| Pinnacle Peak | 0.080 | 0.074 | 0.074 | 0.076 |
| Queen Valley+ | 0.068 | 0.074 | 0.072 | 0.071 |
| Rio Verde | 0.073 | 0.068 | 0.070 | 0.070 |
| South Phoenix | 0.073 | 0.070 | 0.067 | 0.070 |
| South Scottsdale | 0.072 | 0.068 | 0.070 | 0.070 |
| Tempe | 0.071 | N/A | 0.068 | N/A |
| Tonto National Monument+ | 0.072 | 0.071 | 0.070 | 0.071 |
| West Chandler | 0.070 | 0.070 | 0.069 | 0.069 |
| West Phoenix | 0.076 | 0.074 | 0.071 | 0.073 |

Exceedances from a potential exceptional event on June 20, 2015 have been excluded.

* The 2016 values are based on preliminary data through August 22, 2016.

+ The Queen Valley and Tonto National Monument monitors are located outside the eight-hour ozone nonattainment area.

Source: 2014-2015: EPA Air Quality System; 2016: Maricopa County, Pinal County, Arizona Department of Environmental Quality.



**For more information contact:
Julie Hoffman
(602) 254-6300
jhoffman@azmag.gov**