

EPA Proposed Revision of the National Ambient Air Quality Standards for Ozone

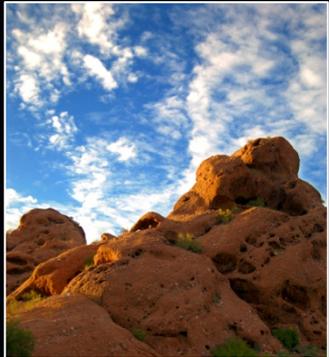


MAG Air Quality Technical Advisory Committee
December 4, 2014

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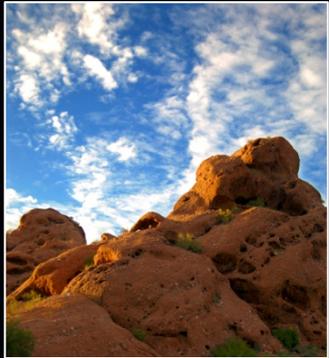
EPA Proposed Revision

- On November 25, 2014, EPA signed a notice proposing to revise the National Ambient Air Quality Standards for ozone
- EPA will take comment on the proposal for 90 days after it is published in the Federal Register
- EPA will issue a final rule by October 1, 2015 (court-ordered date)

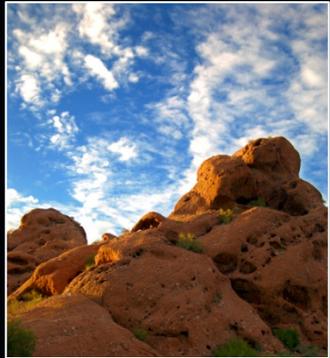


Primary Standard

- EPA proposes that the current level of the primary standard (0.075 parts per million) is not adequate to protect public health and proposes to revise the level of the standard to within a range of 0.065 to 0.070 parts per million (ppm)
- EPA did not include a level of 0.060 ppm in the proposed range due to uncertainty that levels below 0.065 ppm will result in additional health improvements
- EPA is seeking comment on levels as low as 0.060 ppm and on retaining the existing standard



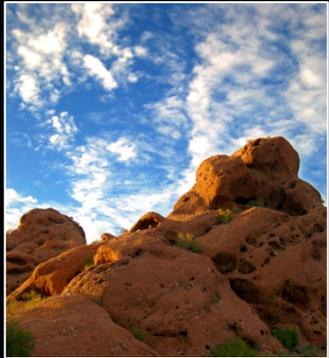
Secondary Standard



- EPA proposes that the current secondary standard (0.075 ppm) is not adequate to protect public welfare, particularly against harm to trees, plants and ecosystems
- EPA proposes to revise the secondary standard to a level within the range of 0.065 to 0.070 ppm, in order to achieve a target level of protection based upon the seasonal W126 index in a range of 13 to 17 parts per million-hours (ppm-hours)
- EPA is seeking comment on setting a distinct standard based upon on the W126 metric, defining a target protection level as low as 7 to 13 ppm-hours, and on retaining the existing standard

Other Proposed Revisions

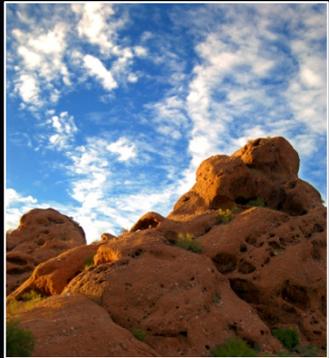
- EPA proposes to extend the ozone monitoring season for 33 states on an individual basis (Arizona already monitors year-round)
- EPA proposes to streamline and modernize the Photochemical Assessment Monitoring Stations (PAMS) network to use monitoring resources most efficiently
- EPA proposes to update its Federal Reference Method for ozone monitoring to include an additional method based upon advanced technology and monitoring methods



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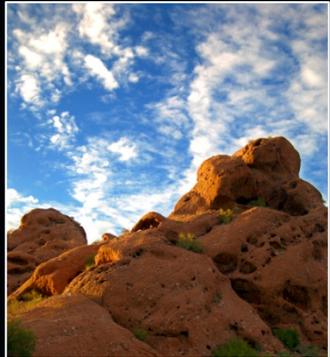
Other Proposed Revisions

- EPA proposes to grandfather Prevention of Significant Deterioration (PSD) permits that have made substantial progress through the review process at the time final standards are issued
- EPA proposes to update the Air Quality Index (AQI), EPA's color-coded tool for communicating air quality to the public, to reflect changes to ozone standard

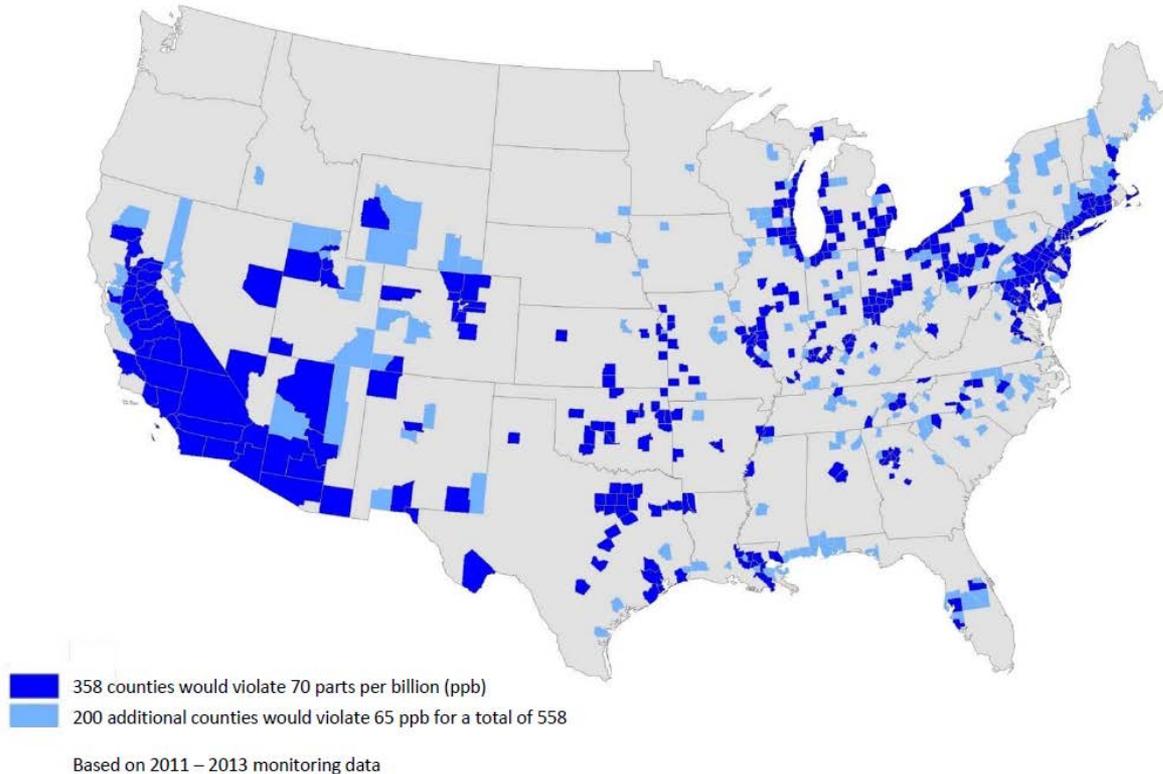


Implementation

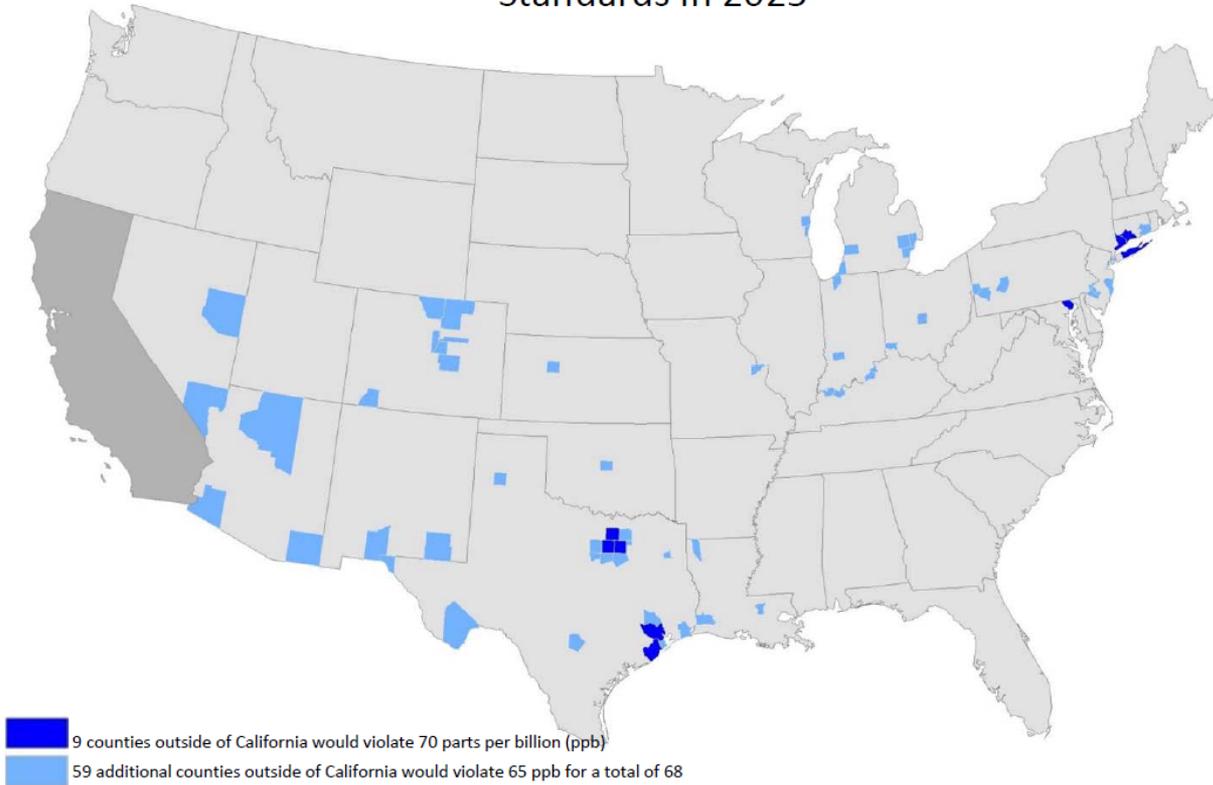
- EPA intends to propose rules and guidance to assist areas with implementing revised standards within one year after the final standards are issued
- EPA notes the challenges presented by background ozone, and discusses Clean Air Act provisions that address background ozone (Exceptional Events rule, rural transport areas, and international transport)
- EPA states that existing and proposed federal rules will help states meet the proposed standards (e.g., Tier 3 Vehicle Emissions and Fuel Standards, Regional Haze regulations, etc.)



Counties Where Measured Ozone is Above Proposed Range of Standards (65 – 70 parts per billion)



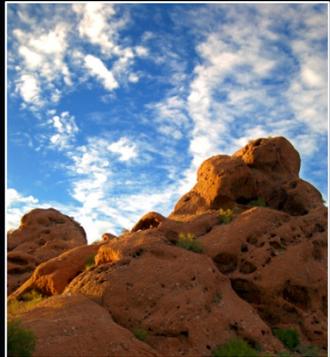
EPA Projects Most Counties Would Meet the Proposed Range of Standards in 2025



Note: EPA projects the vast majority of U.S. counties (outside California) would meet the proposed standards by 2025 just with the rules and programs now in place or under way.
(Source: EPA Fact Sheet, "Overview of EPA's Proposal to Update the Air Quality Standards for Ground-Level Ozone")

Possible 2015 Ozone NAAQS Schedule

- **November 25, 2014 – Proposed rule**
- **October 1, 2015 – Final rule (court-ordered date)**
- **October 2016 – States submit designation recommendations**
- **October 2017 – EPA finalizes designations, classifications, attainment dates and nonattainment area SIP rules/guidance (likely based upon 2014-2016 ozone monitoring data)**
- **December 2020-2021 – States submit attainment plans**
- **December 2020-2037 – Nonattainment area attainment dates (Marginal – Extreme)**



The logo consists of a stylized white mountain range with three peaks of varying heights, set against a dark blue background.

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