

Annual Nitrogen Dioxide (NO₂) Standard

On April 30, 1971, United States Environmental Protection Agency (U.S. EPA) established primary and secondary annual NO₂ standards at a level of 53 parts per billion (ppb) ([36 FR 8186](#)).

On June 19, 1985 ([50 FR 25532](#)), October 8, 1996 ([61 FR 52852](#)), and again on February 9, 2010 ([75 FR 6474](#)), after reviewing available science, U.S. EPA concluded that the primary and secondary annual NO₂ standards provided the requisite level of public health and welfare protection, and, therefore retained the original standards. On April 3, 2012 ([77 FR 20218](#)), U.S. EPA again retained the secondary standard and on April 18, 2018 ([75 FR 17226](#)), retained the primary NO₂ standard based on these same conclusions.

Attainment of the standard is determined by evaluating the annual arithmetic mean concentration in a calendar year, which must be less than or equal to 53 ppb.

Indiana has never had any nonattainment areas for the primary or secondary annual NO₂ standards.