

Table 7-1 National Ambient Air Quality Standards

Pollutant	Averaging Time	Standard		Notes
		ppm	µg/m <sup>3</sup>	
Carbon Monoxide (CO)	1 hour	35	40,000	Not to be exceeded more than once a year.
	8-hour	9	10,000	Not to be exceeded more than once a year.
Lead (Pb)	Rolling 3-Month Average	—	0.15	Not to exceed this level. Final rule October 2008.
	Quarterly	—	1.5	The 1978 standard (1.5 µg/m <sup>3</sup> as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
Nitrogen Dioxide (NO <sub>2</sub> )	1 hour	0.100	188	The three-year average of the 98 <sup>th</sup> percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 0.100 ppm.
	Annual	0.053	100	Not to exceed this level.
Ozone (O <sub>3</sub> )	8-hour <sup>1</sup>	0.070	—	Annual fourth-highest daily maximum 8-hour concentration, average over 3 years.
Particulate Matter with a diameter ≤ 10µm (PM <sub>10</sub> )	24-hour	—	150	Not to be exceeded more than once a year on average over three years.
Particulate Matter with a diameter ≤ 2.5µm (PM <sub>2.5</sub> )	24-hour	—	35	The three-year average of the 98 <sup>th</sup> percentile for each population-oriented monitor within an area is not to exceed this level.
	Annual (Primary)	—	12	The three-year average of the weighted annual mean from single or multiple monitors within an area is not to exceed this level.
Sulfur Dioxide (SO <sub>2</sub> )	1 hour	0.075	196	Final rule signed June 2, 2010. The three-year average of the 99 <sup>th</sup> percentile of the daily maximum 1-hour average at each monitor within an area must not exceed this level.
	3-hour	0.5	1,300	Not to be exceeded more than once a year.

Source: EPA, 2017 (<https://www.epa.gov/criteria-air-pollutants>).

Notes:

1 Final rule signed October 1, 2015, and effective December 28, 2015. The previous (2008) O<sub>3</sub> standard additionally remain in effect in some areas. Revocation of the 2008 standard and transitioning to the new standard will be achieved over the next three years.

ppm Parts per million.

µg/m<sup>3</sup> Micrograms per cubic meter.