



**TABLE 3-20
NATIONAL AMBIENT AIR QUALITY STANDARDS**

Criteria Pollutant	Averaging Times	Primary Standard	Secondary Standard	Threshold for Standard
Carbon Monoxide (CO)	8-hour	9 ppm (10 mg/m ³)	None	Not to be exceeded more than once a year.
	1-hour	35 ppm (40 mg/m ³)	None	Not to be exceeded more than once a year.
Nitrogen Dioxide (NO ₂)	Annual (Arithmetic Mean)	0.053 ppm (150 µg/m ³)	Same as Primary	-----
Ozone (O ₃)	1-hour Average	0.12 ppm	Same as Primary	Areas not attaining the 1- hour standard by the end of 1997 must attain that standard before demonstrating attainment with the 8-hour standard.
	8-hour Average	0.08 ppm	Same as Primary	3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.
Lead (Pb)	Quarterly (Arithmetic Mean)	1.5 µg/m ³	Same as Primary	-----
Particulate < 10 micrometers (PM ₁₀)	Annual (Arithmetic Mean)	50 µg/m ³	Same as Primary	3-year average of the weighted annual mean PM10 concentration at each monitor within an area must not exceed 50 µg/m ³ .
	24-hour Average	150 µg/m ³		3-year average of annual 98th percentile values not to be exceeded more than once a year.
Particulate < 2.5 micrometers (PM _{2.5})	Annual (Arithmetic Mean)	15 µg/m ³	Same as Primary	3-year average of the weighted annual mean PM2.5 concentrations from single or multiple community-oriented monitors must not exceed 15.0 µg/m ³ .
	24-hour Average	65 µg/m ³	-----	3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 65 µg/m ³ .
Sulfur Dioxide (SO ₂)	Annual (Arithmetic Mean)	0.03 ppm	-----	-----
	24-hour Average	0.14 ppm	-----	Not to be exceeded more than once a year.
	3-hour Average	-----	0.50 ppm (1300 µg/m ³)	-----

Source: EPA Website <http://epa.gov/air/criteria>, accessed June 2006

Attainment Status

The EPA designates geographic areas in a state with respect to meeting the NAAQS as *attainment*, *nonattainment*, or *unclassifiable*. Areas transitioning from nonattainment to attainment are termed *maintenance* areas. The nonattainment areas are designated based on the degree of violation of the NAAQS. For O₃ the designations are *extreme*, *severe*, *moderate*, or *marginal*. On