

Table 357. National Ambient Air Pollutant Concentrations by Type of Pollutant: 1990 to 2006

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide, which is based on the second-highest, nonoverlapping, 8-hour average; ozone, the fourth-highest maximum 8-hour value; and lead, the maximum quarterly average of ambient lead levels. Based on data from the Air Quality System. $\mu\text{g}/\text{m}^3$ = micrograms of pollutant per cubic meter of air; ppm = parts per million]

Pollutant	Unit	Monitoring stations, number	Air quality standard ¹	1990	1995	2000	2003	2004	2005	2006
				Carbon monoxide	ppm	243	² 9	6.0	4.8	3.5
Ozone	ppm	588	³ 0.075	0.085	0.088	0.080	0.080	0.073	0.078	0.077
Sulfur dioxide	ppm	295	⁴ 0.03	0.0081	0.0055	0.0049	0.0043	0.0041	0.0042	0.0038
Particulates (PM-10)	$\mu\text{g}/\text{m}^3$	391	⁵ 150	79.1	66.4	60.8	59.5	52.3	55.8	55.3
Fine particulates (PM-2.5)	$\mu\text{g}/\text{m}^3$	752	⁶ 15	(NA)	(NA)	13.5	12.2	11.8	12.8	11.6
Nitrogen dioxide	ppm	170	⁷ 0.053	0.020	0.019	0.017	0.016	0.015	0.015	0.014
Lead	$\mu\text{g}/\text{m}^3$	44	⁸ 1.5	0.13	0.07	0.07	0.06	0.06	0.08	0.06

NA Not available. ¹ Refers to the primary National Ambient Air Quality Standard. ² Based on 8-hour standard of 9 ppm. ³ Based on annual standard of 0.03 ppm. ⁴ Based on 8-hour standard of 0.075 ppm. On March 12, 2008, EPA revised the level of the primary and secondary 8-hour ozone standards to 0.075 ppm. ⁵ Based on 24-hour (daily) standard of 150 $\mu\text{g}/\text{m}^3$. The particulates (PM-10) standard replaced the previous standard for total suspended particulates in 1987. In 2006, EPA revoked the annual PM-10 standard. ⁶ Based on annual standard of 15 $\mu\text{g}/\text{m}^3$. The PM-2.5 national monitoring network was deployed in 1999. National trend data prior to that time is not available. ⁷ Based on annual standard of 0.053 ppm. ⁸ Based on 3-month standard of 1.5 $\mu\text{g}/\text{m}^3$.

Source: U.S. Environmental Protection Agency, *Latest Findings on National Air Quality - Status and Trends through 2006*; released January 2008; <<http://www.epa.gov/air/airtrends/2007/index.html>>.