

Table 359. National Ambient Air Pollutant Concentrations by Type of Pollutant: 1990 to 2005

[Data for 1990 through 2004 has been revised. Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide is based on the second-highest, nonoverlapping, 8-hour average; ozone, the second-highest daily maximum 1-hour value or 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. Also see document at <<http://www.epa.gov/airtrends/index.html>>]

Pollutant	Unit	Monitoring stations, number	Air quality standard ¹	1990	1995	2000	2002	2003	2004	2005
Carbon monoxide	ppm . .	258	² 9	6.0	4.7	3.5	3.0	2.8	2.6	2.4
Ozone	ppm . .	613	³ 0.12	0.110	0.112	0.101	0.106	0.101	0.091	0.097
Ozone	ppm . .	612	⁴ 0.08	0.085	0.088	0.080	0.086	0.080	0.074	0.078
Sulfur dioxide	ppm . .	310	0.03	0.0082	0.0056	0.0050	0.0044	0.0044	0.0042	0.0043
Particulates (PM-10)	$\mu\text{g}/\text{m}^3$.	436	⁵ 150	78.1	65.8	60.0	58.0	60.0	53.1	56.3
Fine Particulates (PM-2.5)	$\mu\text{g}/\text{m}^3$.	658	⁶ 15	(NA)	(NA)	13.6	12.7	12.3	11.9	12.9
Nitrogen dioxide	ppm . .	173	0.053	0.020	0.019	0.018	0.017	0.016	0.015	0.015
Lead	$\mu\text{g}/\text{m}^3$.	47	⁷ 1.5	0.13	0.07	0.06	0.04	0.06	0.06	0.08

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 1-hour standard of .12 ppm. ⁴ Based on 8-hour standard of .08 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 The PM-2.5 national monitoring network was deployed in 1999. National trend data prior to that time is not available. ⁷ Based on 3-month standard of 1.5 $\mu\text{g}/\text{m}^3$.

Source: U.S. Environmental Protection Agency, *National Emissions Inventory (NEI) Air Pollution Emissions Trends Data, 1970–2002*; released August 2005; <<http://www.epa.gov/ttn/chief/trends/index.html#tables>>.