

Table 5.31-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2010

[Annual arithmetic means, in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), for particulate matter 10 microns or less in diameter (PM_{10}) and in parts per million (ppm) for carbon monoxide (CO). Sampling is conducted about 46 feet above ground on the roof of the State Health Department building (Kinau Hale), 1250 Punchbowl Street, Honolulu, Hawaii]

Year	PM ₁₀ ($\mu\text{g}/\text{m}^3$) 1/	CO (ppm) 2/	Year	PM ₁₀ ($\mu\text{g}/\text{m}^3$) 1/	CO (ppm) 2/
1988	-	1.7	2000	14	0.7
1989	-	1.8	2001	16	0.6
1990	-	1.5	2002	15	0.6
1991	-	1.7	2003	15	0.6
1992	-	1.6	2004	13	0.6
1993	13	1.8	2005 3/	14	0.6
1994	14	0.8	2006 4/	13	0.4
1995	14	0.8	2007	14	0.5
1996	14	0.8	2008	14	0.5
1997	8	0.8	2009	13	0.4
1998	9	0.8	2010	12	0.4
1999	14	0.6			

1/ The State Ambient Air Standard for PM_{10} annual average is $50 \mu\text{g}/\text{m}^3$. The Federal standard was revoked by the U.S. Environmental Protection Agency effective December 17, 2006.

2/ There is no annual standard for CO. The State Ambient Air Standard for 1-hour CO is 9 ppm and the Federal standard is 35 ppm.

3/ Represents data until July 14, 2005, when the monitoring station was closed for roof repairs.

4/ Represents data from August 5, 2006, after completion of roof repairs.

Source: Hawaii State Department of Health, Environmental Management Division, Clean Air Branch, records.