

**Table 5.39-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2021**

[Annual arithmetic means, in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), for particulate matter 10 microns or less in diameter ( $\text{PM}_{10}$ ) 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	$\text{PM}_{10}$ ( $\mu\text{g}/\text{m}^3$ ) 1/	CO (ppm) 2/	Year	$\text{PM}_{10}$ ( $\mu\text{g}/\text{m}^3$ ) 1/	CO (ppm) 2/
1988	-	1.7	2005 3/	14	0.6
1989	-	1.8	2006 4/	13	0.4
1990	-	1.5	2007	14	0.5
1991	-	1.7	2008	14	0.5
1992	-	1.6	2009	13	0.4
1993	13	1.8	2010	12	0.4
1994	14	0.8	2011	12	0.4
1995	14	0.8	2012	12	0.4
1996	14	0.8	2013	11	0.4
1997	8	0.8	2014	13	0.4
1998	9	0.8	2015	11	0.5
1999	14	0.6	2016	13	0.6
2000	14	0.7	2017	11	0.5
2001	16	0.6	2018	12	0.4
2002	15	0.6	2019	11	0.4
2003	15	0.6	2020	11	0.3
2004	13	0.6	2021	10	0.5

1/ The State Ambient Air Standard for  $\text{PM}_{10}$  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 The Federal standard was revoked by the U.S. Environmental Protection Agency effective December 17, 2006.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.

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.