

Table 5.39-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2023

[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	2006 4/	13	0.4
1989	-	1.8	2007	14	0.5
1990	-	1.5	2008	14	0.5
1991	-	1.7	2009	13	0.4
1992	-	1.6	2010	12	0.4
1993	13	1.8	2011	12	0.4
1994	14	0.8	2012	12	0.4
1995	14	0.8	2013	11	0.4
1996	14	0.8	2014	13	0.4
1997	8	0.8	2015	11	0.5
1998	9	0.8	2016	13	0.6
1999	14	0.6	2017	11	0.5
2000	14	0.7	2018	12	0.4
2001	16	0.6	2019	11	0.4
2002	15	0.6	2020	11	0.3
2003	15	0.6	2021	10	0.5
2004	13	0.6	2022	11	0.1
2005 3/	14	0.6	2023	12	0.2

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 The Federal standard was revoked by the U.S. Environmental Protection Agency effective December 17, 2006.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.

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

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

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