

**National Ambient Air Quality Standards for
Carbon Monoxide**

Attainment Analysis

Lake Michigan Air Directors Consortium

December 21, 2009

DATA SUMMARY

8-Hour Carbon Monoxide Standard = 9 ppm

1-Hour Carbon Monoxide Standard = 35 ppm

Number of Carbon Monoxide Monitors Exceeding the NAAQS Based on 2008 Data:

State	8-Hour Standard	1-Hour Standard
Illinois	0 out of 9 (0.0%)	0 out of 9 (0.0%)
Indiana	0 out of 6 (0.0%)	0 out of 6 (0.0%)
Michigan	0 out of 2 (0.0%)	0 out of 2 (0.0%)
Minnesota	0 out of 7 (0.0%)	0 out of 7 (0.0%)
Ohio	0 out of 12 (0.0%)	0 out of 12 (0.0%)
Wisconsin	0 out of 1 (0.0%)	0 out of 1 (0.0%)

The next two pages list carbon monoxide design values for all active air quality monitors, as of 2008, for the following time periods: 2004, 2005, 2006, 2007 and 2008. The state-specific design values are sorted based on 2008 data and shaded according to their nearness to exceeding the NAAQS.

Reference: <http://www.epa.gov/oar/data/index.html>

Address	State	County	Site ID	8-Hour Design Values				
				2004	2005	2006	2007	2008
1505 S. First Avenue	Illinois	Cook	170316004	3.4	3.2	2.7	2.7	2.2
13th & Tudor	Illinois	St. Clair	171630010	2.5	2.5	2.4	2.4	2.2
1005 N. University	Illinois	Peoria	171430036	3.0	3.1	3.1	2.7	2.1
425 E. State	Illinois	Winnebago	172010011	2.7	2.7	2.3	1.9	1.7
320 S. Franklin	Illinois	Cook	170310063	2.4	2.4	1.6	1.6	1.5
4743 Mannheim Rd.	Illinois	Cook	170313103	2.2	1.9	1.9	1.8	1.5
1820 S. 51st Ave.	Illinois	Cook	170314002	2.7	2.7	2.5	1.8	1.5
6th & Monroe	Illinois	Sangamon	171670008	2.0	1.4	1.5	1.5	1.4
750 Dundee Road	Illinois	Cook	170314201	-	-	-	-	0.9
50 North Illinois Street	Indiana	Marion	180970072	2.7	2.4	2.4	3.6	3.6
901 East Chicago Ave/ East Chicago Post	Indiana	Lake	180890015	3.4	2.7	2.4	3.0	3.0
203 E. Douglas St.	Indiana	Allen	180030011	2.6	2.6	2.1	2.0	2.3
Naval Avionics Center, 6125 E. 16th St.	Indiana	Marion	180970073	2.3	1.8	2.1	2.1	2.0
3013 N. 1st Ave/ Harwood Middle School	Indiana	Vanderburgh	181630019	2.7	2.7	2.2	2.2	1.6
206 N. Meridian St.	Indiana	Hendricks	180630002	1.3	1.3	1.4	1.4	1.2
14700 Goddard	Michigan	Wayne	261630001	2.4	2.3	2.3	2.3	1.4
1179 Monroe Nw	Michigan	Kent	260810020	2.0	1.9	2.0	2.0	1.1
1088 West University Ave.	Minnesota	Ramsey	271230050	4.3	3.2	3.0	2.5	2.4
6000 W. Moore Lake Rd.	Minnesota	Anoka	270030600	1.7	2.7	2.7	1.9	1.9
314 W. Superior St.	Minnesota	St. Louis	271370018	1.7	1.6	1.6	1.5	1.5
528 Hennepin Avenue	Minnesota	Hennepin	270530954	2.3	1.8	2.4	2.4	1.4
400 Second St. S.	Minnesota	Stearns	271453048	2.3	2.4	2.4	2.0	1.4
2142 120th Street East	Minnesota	Dakota	270370423	0.4	0.3	0.3	1.1	1.1
12821 Pine Bend Trail	Minnesota	Dakota	270370020	0.8	0.8	0.4	0.4	0.3
1301 E. 9th St.	Ohio	Cuyahoga	390350051	5.4	5.4	3.9	3.9	2.9
100 E. 5th St.	Ohio	Hamilton	390610021	2.8	2.8	3.0	3.0	2.8
2026 East 9th St.	Ohio	Cuyahoga	390350048	3.4	2.7	2.4	2.6	2.6
420 Market	Ohio	Stark	391510020	2.6	2.7	2.7	2.2	2.5
4169 Pearl Rd.	Ohio	Cuyahoga	390350053	2.1	2.0	2.0	2.3	2.3
8443 Mentor Ave.	Ohio	Lake	390850006	2.7	1.3	1.4	1.5	2.3
1585 Morse Rd.	Ohio	Franklin	390490005	3.0	2.6	2.1	2.1	1.6
901 West Fairview Ave.	Ohio	Montgomery	391130028	1.5	1.5	1.5	1.6	1.6
13013 Corlett Ave.	Ohio	Cuyahoga	390350070	-	2.0	2.0	1.5	1.5
117 South Main St.	Ohio	Montgomery	391130034	-	2.5	1.9	1.9	1.5
800 Patterson Ave.	Ohio	Summit	391530020	2.1	2.1	1.6	1.4	1.4
177 S. Broadway	Ohio	Summit	391530022	2.5	2.2	1.8	1.8	1.1
Mayville, Near N6705 Madison Rd	Wisconsin	Dodge	550270007	-	-	-	-	0.5

LEGEND

	Exceeds Standard	> 9.0 ppm
	> 75% of Standard	6.8 - 9.0 ppm
	> 50% of Standard	4.6 - 6.7 ppm
	> 25% of Standard	2.3 - 4.5 ppm
	< 25% of Standard	0.0 - 2.2 ppm

Address	State	County	Site ID	1-Hour Design Values				
				2004	2005	2006	2007	2008
320 S. Franklin	Illinois	Cook	170310063	3.9	3.9	2.6	2.6	4.4
1005 N. University	Illinois	Peoria	171430036	4.9	4.6	5.2	5.2	3.2
425 E. State	Illinois	Winnebago	172010011	3.3	3.2	3.2	2.8	3.0
6th & Monroe	Illinois	Sangamon	171670008	3.9	3.7	4.3	4.3	2.9
13th & Tudor	Illinois	St. Clair	171630010	4.4	5.4	5.4	3.4	2.7
1505 S. First Avenue	Illinois	Cook	170316004	4.4	3.9	3.5	3.2	2.6
1820 S. 51st Ave.	Illinois	Cook	170314002	4.8	4.8	3.4	2.9	2.3
4743 Mannheim Rd.	Illinois	Cook	170313103	3.6	2.7	2.8	2.8	2.0
750 Dundee Road	Illinois	Cook	170314201	-	-	-	-	1.3
901 East Chicago Ave/ East Chicago Post	Indiana	Lake	180890015	8.2	4.8	4.5	8.0	8.0
50 North Illinois Street	Indiana	Marion	180970072	4.0	4.2	4.2	7.9	7.9
203 E. Douglas St.	Indiana	Allen	180030011	4.4	4.4	3.1	3.1	3.8
Naval Avionics Center, 6125 E. 16th St.	Indiana	Marion	180970073	3.8	3.2	3.1	2.8	2.5
3013 N. 1st Ave/ Harwood Middle School	Indiana	Vanderburgh	181630019	5.0	5.0	3.9	3.9	2.5
206 N. Meridian St.	Indiana	Hendricks	180630002	1.7	1.5	1.5	1.5	1.3
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314 W. Superior St.	Minnesota	St. Louis	271370018	2.9	4.2	4.2	4.0	4.0
1088 West University Ave.	Minnesota	Ramsey	271230050	6.1	5.6	5.6	3.3	3.1
400 Second St. S.	Minnesota	Stearns	271453048	3.5	4.0	4.0	3.3	3.1
528 Hennepin Avenue	Minnesota	Hennepin	270530954	4.7	3.3	4.8	4.8	2.5
6000 W. Moore Lake Rd.	Minnesota	Anoka	270030600	2.1	3.7	3.7	2.5	2.3
2142 120th Street East	Minnesota	Dakota	270370423	0.8	0.8	0.6	1.4	1.4
12821 Pine Bend Trail	Minnesota	Dakota	270370020	1.2	1.0	1.0	1.0	0.6
1301 E. 9th St.	Ohio	Cuyahoga	390350051	12.8	12.8	7.3	7.3	6.7
100 E. 5th St.	Ohio	Hamilton	390610021	5.8	5.8	9.9	9.9	5.1
2026 East 9th St.	Ohio	Cuyahoga	390350048	5.5	5.5	5.5	5.0	5.0
901 West Fairview Ave.	Ohio	Montgomery	391130028	3.1	2.0	4.2	4.2	4.2
13013 Corlett Ave.	Ohio	Cuyahoga	390350070	-	4.0	4.0	3.0	3.0
117 South Main St.	Ohio	Montgomery	391130034	-	3.5	2.8	3.0	3.0
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Mayville, Near N6705 Madison Rd	Wisconsin	Dodge	550270007	-	-	-	-	0.9

LEGEND

	Exceeds Standard	> 35.0 ppm
	> 75% of Standard	26.3 - 35.0 ppm
	> 50% of Standard	17.6 - 26.2 ppm
	> 25% of Standard	8.8 - 17.5 ppm
	< 25% of Standard	0.0 - 8.7 ppm