

National Ambient Air Quality Standards for PM10
Attainment Analysis

Lake Michigan Air Directors Consortium

December 21, 2009

DATA SUMMARY

1997 24-Hour PM10 Standard = 150 $\mu\text{g}/\text{m}^3$

Number of PM10 Monitors Exceeding the 24-Hour PM10 Standard Based on 2006 – 2008 Data:

- Illinois – 0 out of 24 (0.0%)
- Indiana – 1 out of 31 (3.2%)
- Michigan – 0 out of 7 (0.0%)
- Minnesota – 0 out of 11 (0.0%)
- Ohio – 1 out of 47 (2.1%)
- Wisconsin – 0 out of 9 (0.0%)

The next six pages list the number of expected exceedances of the PM10 NAAQS for all active air quality monitors, as of 2008, for the following time periods: 2005 – 2007 and 2006 – 2008. The state-specific design values are sorted based on 2006 – 2008 data and shaded according to their nearness to exceeding the PM10 standard.

Reference: <http://www.epa.gov/airtrends/values.html>

State	County	Site ID	2005-2007 expected number of exceedances	2006-2008 expected number of exceedances
Illinois	Cook	170310001	0.0	0.0
Illinois	Cook	170310022	0.0	0.0
Illinois	Cook	170310022	0.0	0.0
Illinois	Cook	170310060	0.0	0.0
Illinois	Cook	170311016	0.0	0.0
Illinois	Cook	170311016	0.0	0.0 ¹
Illinois	Cook	170311901	0.0	0.0
Illinois	Cook	170312001	0.0	0.0
Illinois	Cook	170313301	0.0 ¹	0.0
Illinois	Cook	170314201	0.0 ¹	0.0
Illinois	Cook	170316006	0.0 ¹	0.0 ¹
Illinois	Jackson	170770004	0.0	0.0 ¹
Illinois	La Salle	170990007	0.0	0.0
Illinois	La Salle	170990007	0.0	0.0
Illinois	Macoupin	171170002	0.0	0.0
Illinois	Madison	171190010	0.0	0.0
Illinois	Madison	171190023	0.0 ¹	0.0 ¹
Illinois	Madison	171190023	0.0 ¹	0.0 ¹
Illinois	Madison	171191007	0.0 ¹	0.0 ¹
Illinois	Madison	171191007	0.0 ¹	0.0 ¹
Illinois	Madison	171193007	0.0	0.0
Illinois	Peoria	171430037	0.0 ¹	0.0 ¹
Illinois	Saint Clair	171630010	0.0	0.0
Illinois	Will	171971002	0.0	0.0

¹ Incomplete Data

LEGEND

	> 1 Expected Exceedance	Exceeds Standard
	0.1 - 1.0 Expected Exceedances	Meets Standard
	0.0 Expected Exceedances	Meets Standard

State	County	Site ID	2005-2007 expected number of exceedances	2006-2008 expected number of exceedances
Indiana	Whitley	181830002	0.0 ¹	2.3
Indiana	Lake	180890022	0.7	0.3
Indiana	Porter	181270023	0.7	0.3
Indiana	Allen	180030004	0.0 ¹	0.0 ¹
Indiana	Clark	180190006	0.0	0.0
Indiana	Dubois	180372001	0.0	0.0 ¹
Indiana	Hendricks	180630001	0.0 ¹	0.0 ¹
Indiana	Hendricks	180630002	0.0	0.0
Indiana	Hendricks	180630003	0.0 ¹	0.0 ¹
Indiana	Lake	180890006	0.0 ¹	0.0 ¹
Indiana	Lake	180890023	0.0	0.0
Indiana	Lake	180890031	0.0 ¹	0.0
Indiana	Lake	180892010	0.0 ¹	0.0 ¹
Indiana	Madison	180950009	0.0 ¹	0.0 ¹
Indiana	Marion	180970042	0.0 ¹	0.0 ¹
Indiana	Marion	180970043	0.0	0.0
Indiana	Marion	180970066	0.0	0.0
Indiana	Marion	180970071	0.0	0.0
Indiana	Marion	180970073	0.0 ¹	0.0 ¹
Indiana	Marion	180970083	0.0	0.0 ¹
Indiana	Perry	181230006	0.0 ¹	0.0
Indiana	Perry	181230007	0.0	0.0
Indiana	Porter	181270022	0.0	0.0 ¹
Indiana	Porter	181270024	0.0	0.0
Indiana	St. Joseph	181410015	0.0 ¹	0.0 ¹
Indiana	St. Joseph	181411008	0.0 ¹	0.0 ¹
Indiana	Vanderburgh	181630006	0.0	0.0
Indiana	Vanderburgh	181630012	0.0 ¹	0.0
Indiana	Vigo	181670018	0.0	0.0
Indiana	Vigo	181670020	0.0 ¹	0.0 ¹
Indiana	Whitley	181830001	0.0 ¹	0.0 ¹

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State	County	Site ID	2005-2007 expected number of exceedances	2006-2008 expected number of exceedances
Michigan	Wayne	261630033	0.0	0.3
Michigan	Genesee	260490021	0.0 ¹	0.0 ¹
Michigan	Kent	260810007	0.0 ¹	0.0 ¹
Michigan	Kent	260810020	0.0	0.0
Michigan	Wayne	261630001	0.0	0.0
Michigan	Wayne	261630015	0.0	0.0
Michigan	Wayne	261630033	0.0 ¹	0.0

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State	County	Site ID	2005-2007 expected number of exceedances	2006-2008 expected number of exceedances
Minnesota	Hennepin	270530966	0.0	0.0
Minnesota	Hennepin	270531007	0.0	0.0
Minnesota	Hennepin	270532006	0.0 ¹	0.0 ¹
Minnesota	Olmsted	271095008	-	0.0 ¹
Minnesota	Ramsey	271230021	0.0	0.0 ¹
Minnesota	Ramsey	271230866	0.0	0.0 ¹
Minnesota	Ramsey	271230868	0.0 ¹	0.0 ¹
Minnesota	Ramsey	271231003	0.0	0.0
Minnesota	Saint Louis	271370032	0.0	0.0
Minnesota	Saint Louis	271377001	0.0	0.0
Minnesota	Washington	271630009	0.0 ¹	0.0

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State	County	Site ID	2005-2007 expected number of exceedances	2006-2008 expected number of exceedances
Ohio	Wyandot	391750008	1.4	2.2
Ohio	Scioto	391450021	0.3	0.0
Ohio	Allen	390030006	0.0 ¹	0.0 ¹
Ohio	Allen	390030007	0.0	0.0
Ohio	Allen	390030008	0.0	0.0
Ohio	Butler	390170003	0.0	0.0
Ohio	Butler	390170015	0.0	0.0
Ohio	Columbiana	390290020	0.0	0.0
Ohio	Columbiana	390290022	0.0	0.0
Ohio	Cuyahoga	390350027	0.0	0.0
Ohio	Cuyahoga	390350038	0.0 ¹	0.0 ¹
Ohio	Cuyahoga	390350045	0.0	0.0
Ohio	Cuyahoga	390350060	0.0 ¹	0.0
Ohio	Cuyahoga	390350060	0.0	0.0 ¹
Ohio	Cuyahoga	390350065	0.0	0.0
Ohio	Cuyahoga	390351002	0.0	0.0
Ohio	Franklin	390490024	0.0	0.0
Ohio	Franklin	390490034	0.0 ¹	0.0 ¹
Ohio	Greene	390570005	0.0	0.0
Ohio	Hamilton	390610014	0.0	0.0
Ohio	Hamilton	390610040	0.0 ¹	0.0
Ohio	Hamilton	390610040	0.0	0.0 ¹
Ohio	Hamilton	390615001	0.0 ¹	0.0 ¹
Ohio	Hancock	390630002	0.0 ¹	0.0 ¹
Ohio	Hancock	390630003	0.0 ¹	0.0 ¹
Ohio	Hancock	390630004	0.0	0.0
Ohio	Jefferson	390810001	0.0	0.0
Ohio	Jefferson	390810017	0.0	0.0
Ohio	Jefferson	390811001	0.0 ¹	0.0 ¹
Ohio	Lake	390851001	0.0	0.0
Ohio	Lawrence	390870010	0.0	0.0 ¹
Ohio	Lawrence	390870012	-	0.0 ¹
Ohio	Licking	390890007	-	0.0 ¹
Ohio	Lorain	390933002	0.0	0.0
Ohio	Lucas	390951003	0.0	0.0
Ohio	Mahoning	390990005	0.0	0.0
Ohio	Mahoning	390990006	0.0	0.0
Ohio	Montgomery	391137001	0.0 ¹	0.0
Ohio	Scioto	391450013	0.0	0.0
Ohio	Scioto	391450019	0.0	0.0
Ohio	Scioto	391450020	0.0	0.0
Ohio	Scioto	391450022	0.0	0.0
Ohio	Trumbull	391550005	0.0	0.0
Ohio	Trumbull	391550006	0.0	0.0 ¹
Ohio	Trumbull	391550007	0.0	0.0
Ohio	Washington	391670006	0.0 ¹	0.0 ¹
Ohio	Wyandot	391750009	0.0 ¹	0.0 ¹

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Wisconsin	Dane	550250047	-	0.0 ¹
Wisconsin	Dodge	550270007	0.0 ¹	0.0 ¹
Wisconsin	Dodge	550270007	0.0 ¹	0.0 ¹
Wisconsin	Forest	550410007	0.0 ¹	0.0 ¹
Wisconsin	Milwaukee	550790010	0.0 ¹	0.0 ¹
Wisconsin	Milwaukee	550790059	0.0	0.0
Wisconsin	Sheboygan	551171004	-	0.0 ¹
Wisconsin	Waukesha	551330027	0.0 ¹	0.0
Wisconsin	Waukesha	551330027	0.0	0.0

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