

**National Ambient Air Quality Standards for
Lead**

Attainment Analysis

Lake Michigan Air Directors Consortium

December 21, 2009

DATA SUMMARY

2008 Lead Standard = $0.15 \mu\text{g}/\text{m}^3$

Number of Lead Monitors Exceeding the NAAQS Based on 2006 - 2008 Data:

State	8-Hour Standard
Illinois	1 out of 13 (7.7%)
Indiana	2 out of 11 (18.2%)
Michigan	0 out of 11 (0.0%)
Minnesota	1 out of 20 (5.0%)
Ohio	8 out of 36 (0.0%)
Wisconsin	0 out of 2 (0.0%)

The next six pages list lead design values for all active air quality monitors, as of 2008, for 2006 – 2008. The state-specific design values are sorted based on 2008 data and shaded according to their nearness to exceeding the NAAQS. The design values are based on the max 3-month rolling average over a three year period.

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

State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Illinois	Madison	171190010	0.28
Illinois	Cook	170310026	0.06
Illinois	Cook	170310022	0.05
Illinois	Saint Clair	171630010	0.05
Illinois	Madison	171193007	0.04
Illinois	Cook	170310052	0.03
Illinois	Cook	170316003	0.03
Illinois	Cook	170310001	0.02
Illinois	Cook	170313103	0.02
Illinois	Cook	170313301	0.02
Illinois	Cook	170314201	0.01 ¹
Illinois	Macoupin	171170002	0.01
Illinois	Peoria	171430037	0.01

¹ Incomplete Data

LEGEND

	Exceeds 2008 Standard	$> 0.15 \mu\text{g}/\text{m}^3$
	$> 75\%$ of 2008 Standard	$0.12 - 0.15 \mu\text{g}/\text{m}^3$
	$> 50\%$ of 2008 Standard	$0.08 - 0.11 \mu\text{g}/\text{m}^3$
	$> 25\%$ of 2008 Standard	$0.04 - 0.07 \mu\text{g}/\text{m}^3$
	$< 25\%$ of 2008 Standard	$< 0.04 \mu\text{g}/\text{m}^3$

State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Indiana	Delaware	180350009	2.16
Indiana	Delaware	180350008	0.52
Indiana	Lake	180892011	0.11 ¹
Indiana	Lake	180890023	0.06
Indiana	Marion	180970063	0.04
Indiana	Lake	180892008	0.03 ¹
Indiana	Lawrence	180930004	0.03 ¹
Indiana	Marion	180970076	0.03
Indiana	Martin	181010001	0.03 ¹
Indiana	Marion	180970078	0.02 ¹
Indiana	Vanderburgh	181630006	0.01 ¹

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State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Michigan	Wayne	261630015	0.11 ¹
Michigan	Wayne	261630033 (POC1)	0.06
Michigan	Wayne	261630033 (POC9)	0.05
Michigan	Wayne	261630027	0.02 ¹
Michigan	Genesee	260490021	0.01 ¹
Michigan	Wayne	261630001	0.01 ¹
Michigan	Wayne	261630005	0.01 ¹
Michigan	Wayne	261630019	0.01 ¹
Michigan	Washtenaw	261610008	0.01
Michigan	Kent	260810020	0.00 ¹
Michigan	Missaukee	261130001	0.00 ¹

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State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Minnesota	Dakota	270370465	0.70
Minnesota	Dakota	270370020	0.10 ¹
Minnesota	Hennepin	270530965	0.02 ¹
Minnesota	Ramsey	271230866	0.02 ¹
Minnesota	Dakota	270370421	0.01 ¹
Minnesota	Dakota	270370442	0.01
Minnesota	Hennepin	270530050	0.01 ¹
Minnesota	Hennepin	270530963	0.01
Minnesota	Hennepin	270530966	0.01
Minnesota	Hennepin	270530968	0.01 ¹
Minnesota	Hennepin	270531007	0.01 ¹
Minnesota	Hennepin	270532006	0.01 ¹
Minnesota	Ramsey	271231003	0.01
Minnesota	Saint Louis	271377555	0.01 ¹
Minnesota	Washington	271630009	0.01 ¹
Minnesota	Dakota	270370423	0.00 ¹
Minnesota	Dakota	270370443	0.00 ¹
Minnesota	Hennepin	270530967	0.00 ¹
Minnesota	Saint Louis	271377001	0.00
Minnesota	Washington	271630446	0.00 ¹

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State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Ohio	Fulton	390510001	0.69
Ohio	Fulton	390510001	0.57 ¹
Ohio	Logan	390910005	0.27
Ohio	Logan	390910006	0.26
Ohio	Logan	390910007	0.24
Ohio	Logan	390910008	0.22
Ohio	Cuyahoga	390350049	0.17 ¹
Ohio	Cuyahoga	390350049	0.17
Ohio	Logan	390910003	0.12 ¹
Ohio	Logan	390910003	0.12 ¹
Ohio	Cuyahoga	390350050	0.05 ¹
Ohio	Cuyahoga	390350050	0.05 ¹
Ohio	Columbiana	390290020	0.04 ¹
Ohio	Cuyahoga	390350061	0.04 ¹
Ohio	Columbiana	390290019	0.03 ¹
Ohio	Columbiana	390290019	0.03 ¹
Ohio	Columbiana	390290022	0.03 ¹
Ohio	Columbiana	390290022	0.03 ¹
Ohio	Cuyahoga	390350038	0.03 ¹
Ohio	Cuyahoga	390350038	0.03 ¹
Ohio	Cuyahoga	390350061	0.03 ¹
Ohio	Columbiana	390290020	0.02 ¹
Ohio	Cuyahoga	390350042	0.02 ¹
Ohio	Cuyahoga	390350042	0.02 ¹
Ohio	Cuyahoga	390350068	0.02 ¹
Ohio	Cuyahoga	390350069	0.02 ¹
Ohio	Butler	390170015	0.01 ¹
Ohio	Butler	390170015	0.01 ¹
Ohio	Cuyahoga	390350068	0.01 ¹
Ohio	Franklin	390490025	0.01 ¹
Ohio	Franklin	390490025	0.01 ¹
Ohio	Washington	391670006	0.01 ¹
Ohio	Washington	391670008	0.01 ¹
Ohio	Washington	391670008	0.01 ¹
Ohio	Washington	391670009	0.01 ¹
Ohio	Washington	391670010	0.00 ¹

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	$< 25\%$ of 2008 Standard	$< 0.04 \mu\text{g}/\text{m}^3$

State	County	Site	Design Value 2006-2008 ($\mu\text{g}/\text{m}^3$)
Wisconsin	Milwaukee	550790010	0.03 ¹
Wisconsin	Forest	550410007	0.01 ¹

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