

CHILDHOOD LEAD POISONING DATA FACTS -- ALL MICHIGAN COUNTIES

Children Ages One & Two - Calendar Year 2003

County	%Pre-1950 Housing*	Children Ages 1 & 2*	Children Ages 1 & 2, Tested for Lead		Children w/confirmed elevated blood lead levels (EBLL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBLL	% EBLL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Alcona	21%	224	29	13%	0	0.0%	0	0	0	0
Alger	33%	166	66	40%	0	0.0%	0	0	0	1
Allegan	27%	2,978	336	11%	5	1.5%	3	0	2	2
Alpena	29%	687	149	22%	3	2.0%	2	1	0	1
Antrim	23%	533	31	6%	1	3.2%	1	0	0	0
Arenac	21%	348	70	20%	0	0.0%	0	0	0	0
Baraga	35%	210	50	24%	0	0.0%	0	0	0	0
Barry	29%	1,475	363	25%	2	0.6%	1	0	1	2
Bay	37%	2,690	519	19%	9	1.7%	4	2	3	2
Benzie	27%	408	19	5%	0	0.0%	0	0	0	0
Berrien	33%	4,169	882	21%	41	4.7%	24	13	4	3
Branch	37%	1,158	130	11%	1	0.8%	0	0	1	0
Calhoun	36%	3,534	774	22%	21	2.7%	15	5	1	2
Cass	30%	1,212	164	14%	0	0.0%	0	0	0	0
Charlevoix	26%	676	24	4%	0	0.0%	0	0	0	0
Cheboygan	22%	638	11	2%	0	0.0%	0	0	0	0
Chippewa	28%	819	176	21%	0	0.0%	0	0	0	2
Clare	13%	742	76	10%	0	0.0%	0	0	0	0
Clinton	29%	1,755	112	6%	2	1.8%	2	0	0	0
Crawford	20%	295	26	9%	0	0.0%	0	0	0	0
Delta	38%	841	328	39%	2	0.6%	1	1	0	3
Dickinson	42%	598	86	14%	0	0.0%	0	0	0	0
Eaton	23%	2,558	625	24%	0	0.0%	0	0	0	3
Emmet	28%	756	11	1%	0	0.0%	0	0	0	0
Genesee	23%	12,624	2,155	17%	28	1.3%	16	9	3	0
Gladwin	14%	555	41	7%	1	2.4%	1	0	0	0
Gogebic	54%	294	35	12%	0	0.0%	0	0	0	0
Grand Travi	18%	1,908	44	2%	1	2.3%	1	0	0	0
Gratiot	40%	1,000	92	9%	0	0.0%	0	0	0	0
Hillsdale	39%	1,209	187	15%	2	1.1%	1	0	1	0
Houghton	55%	776	149	19%	2	1.4%	0	2	0	1
Huron	33%	793	102	13%	1	1.0%	0	1	0	1
Ingham	26%	7,137	1,074	15%	14	1.3%	7	4	3	11
Ionia	38%	1,704	246	14%	1	0.4%	1	0	0	2
Iosco	20%	535	59	11%	0	0.0%	0	0	0	0
Iron	44%	225	27	12%	0	0.0%	0	0	0	0
Isabella	19%	1,321	114	9%	0	0.0%	0	0	0	0
Jackson	36%	4,112	364	9%	10	2.8%	8	0	2	1
Kalamazoo	25%	6,175	927	15%	23	2.5%	13	5	5	2
Kalkaska	15%	408	37	9%	1	2.7%	1	0	0	0
Kent	27%	17,768	6,517	37%	211	3.3%	129	40	42	137
Keweenaw	55%	39	10	26%	0	0.0%	0	0	0	0

County	%Pre-1950 Housing*	Children Ages 1 & 2*	Children Ages 1 & 2, Tested for Lead		Children w/confirmed elevated blood lead levels (EBLL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBLL	% EBLL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Lake	15%	250	40	16%	0	0.0%	0	0	0	0
Lapeer	22%	2,356	152	6%	1	0.7%	0	0	1	0
Leelanau	22%	430	9	2%	0	0.0%	0	0	0	0
Lenawee	39%	2,420	321	13%	14	4.4%	8	3	3	0
Livingston	14%	4,482	89	2%	0	0.0%	0	0	0	0
Luce	30%	135	46	34%	0	0.0%	0	0	0	0
Mackinac	28%	205	84	41%	0	0.0%	0	0	0	0
Macomb	11%	20,271	2,795	14%	14	0.5%	13	0	1	0
Manistee	36%	532	67	13%	0	0.0%	0	0	0	0
Marquette	33%	1,307	161	12%	3	1.9%	3	0	0	0
Mason	31%	619	76	12%	0	0.0%	0	0	0	0
Mecosta	22%	981	219	22%	0	0.0%	0	0	0	0
Menominee	38%	603	172	29%	0	0.0%	0	0	0	1
Midland	17%	2,167	134	6%	0	0.0%	0	0	0	0
Missaukee	21%	380	22	6%	0	0.0%	0	0	0	0
Monroe	28%	3,898	751	19%	4	0.5%	4	0	0	0
Montcalm	28%	1,601	235	15%	0	0.0%	0	0	0	0
Montmorency	18%	192	21	11%	0	0.0%	0	0	0	0
Muskegon	30%	4,670	1,273	27%	41	3.2%	26	9	6	1
Newaygo	23%	1,336	275	21%	0	0.0%	0	0	0	0
Oakland	16%	31,861	3,795	12%	32	0.8%	23	5	4	1
Oceana	27%	697	191	27%	1	0.5%	0	0	1	2
Ogemaw	18%	432	35	8%	0	0.0%	0	0	0	0
Ontonagon	43%	125	13	10%	0	0.0%	0	0	0	0
Osceola	24%	604	98	16%	0	0.0%	0	0	0	0
Oscoda	18%	190	20	11%	0	0.0%	0	0	0	0
Otsego	13%	586	6	1%	0	0.0%	0	0	0	0
Ottawa	18%	7,321	756	10%	12	1.6%	8	4	0	5
Presque Isle	28%	277	27	10%	1	3.8%	1	0	0	1
Roscommon	16%	447	22	5%	0	0.0%	0	0	0	0
Saginaw	29%	5,709	1,052	18%	30	2.9%	16	8	6	4
St Clair	30%	4,355	516	12%	5	1.0%	4	1	0	2
St Joseph	35%	1,727	269	16%	6	2.2%	5	0	1	0
Sanilac	35%	1,165	121	10%	0	0.0%	0	0	0	0
Schoolcraft	33%	215	85	40%	0	0.0%	0	0	0	2
Shiawassee	36%	1,939	238	12%	1	0.4%	0	0	1	0
Tuscola	33%	1,410	138	10%	1	0.7%	1	0	0	0
Van Buren	29%	2,047	366	18%	6	1.6%	2	2	2	1
Washtenaw	19%	8,086	503	6%	2	0.4%	1	0	1	0
Wayne ex Det	24%	30,284	4,374	14%	78	1.8%	42	16	20	20
Wexford	26%	740	42	6%	0	0.0%	0	0	0	1
Detroit, City of	56%	30,307	14,604	48%	1,053	7.3%	612	238	203	213
MICHIGAN	27%	267,412	51,450	19%	1,687	3.3%	1,000	369	318	430

* U.S. Census Bureau, Census 2000

** %EBLL is calculated as follows: Number of Children w/EBLL divided by (Number of Children Tested minus Children w/elevated capillary tests, not confirmed by venous)

Note: Counts of children tested and blood lead levels are reported from Michigan Department of Community Health, Childhood Lead Poisoning Prevention Project statewide database.

Note: Column for "Children Tested" reflects capillary and venous blood tests. Columns for "Children w/confirmed elevated blood lead levels" reflect venous tests only.

February 23, 2004 (corrected)

CHILDHOOD LEAD POISONING DATA FACTS -- ALL MICHIGAN COUNTIES

Children Age < Six Years - Calendar Year 2003

County	%Pre-1950 Housing*	Children Under Age 6*	Children < Age 6, Tested for Lead		Children w/confirmed elevated blood lead levels (EBLL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBLL	% EBLL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Alcona	21%	630	53	8%	1	1.9%	1	0	0	0
Alger	33%	562	88	16%	0	0.0%	0	0	0	1
Allegan	27%	9,272	714	8%	9	1.3%	5	2	2	4
Alpena	29%	2,118	216	10%	2	0.9%	2	0	0	2
Antrim	23%	1,625	78	5%	0	0.0%	0	0	0	1
Arenac	21%	1,124	139	12%	0	0.0%	0	0	0	0
Baraga	35%	590	140	24%	1	0.7%	0	0	1	0
Barry	29%	4,606	561	12%	3	0.5%	2	0	1	2
Bay	37%	8,126	767	9%	13	1.7%	7	2	4	3
Benzie	27%	1,135	40	4%	1	2.5%	1	0	0	0
Berrien	33%	12,820	1,870	15%	75	4.0%	44	24	7	4
Branch	37%	3,484	241	7%	2	0.8%	1	0	1	0
Calhoun	36%	10,945	1,472	13%	44	3.0%	31	8	5	3
Cass	30%	3,818	325	9%	6	1.9%	3	1	2	2
Charlevoix	26%	2,052	47	2%	0	0.0%	0	0	0	0
Cheboygan	22%	1,893	48	3%	0	0.0%	0	0	0	0
Chippewa	28%	2,500	335	13%	1	0.3%	1	0	0	2
Clare	13%	2,236	177	8%	0	0.0%	0	0	0	0
Clinton	29%	5,436	216	4%	2	0.9%	2	0	0	0
Crawford	20%	949	36	4%	0	0.0%	0	0	0	0
Delta	38%	2,530	412	16%	4	1.0%	1	1	2	3
Dickinson	42%	1,871	138	7%	0	0.0%	0	0	0	0
Eaton	23%	7,980	887	11%	0	0.0%	0	0	0	3
Emmet	28%	2,366	52	2%	1	1.9%	1	0	0	0
Genesee	23%	38,236	4,115	11%	56	1.4%	30	13	13	3
Gladwin	14%	1,733	107	6%	2	1.9%	2	0	0	0
Gogebic	54%	973	91	9%	0	0.0%	0	0	0	0
Grand Travers	18%	5,733	190	3%	2	1.1%	2	0	0	0
Gratiot	40%	3,012	166	6%	0	0.0%	0	0	0	0
Hillsdale	39%	3,628	337	9%	3	0.9%	2	0	1	0
Houghton	55%	2,348	314	13%	2	0.6%	0	2	0	3
Huron	33%	2,447	223	9%	1	0.5%	0	1	0	1
Ingham	26%	21,259	2,053	10%	29	1.4%	17	9	3	16
Ionia	38%	5,111	453	9%	1	0.2%	1	0	0	4
Iosco	20%	1,577	147	9%	0	0.0%	0	0	0	1
Iron	44%	677	39	6%	0	0.0%	0	0	0	0
Isabella	19%	3,945	226	6%	0	0.0%	0	0	0	0
Jackson	36%	12,586	600	5%	21	3.5%	15	2	4	1
Kalamazoo	25%	18,597	1,541	8%	37	2.4%	23	7	7	3
Kalkaska	15%	1,306	83	6%	2	2.4%	2	0	0	0
Kent	27%	53,436	10,174	19%	304	3.0%	179	61	64	206
Keweenaw	55%	127	19	15%	0	0.0%	0	0	0	0

County	%Pre-1950 Housing*	Children Under Age 6*	Children < Age 6, Tested for Lead		Children w/confirmed elevated blood lead levels (EBLL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBLL	% EBLL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Lake	15%	718	113	16%	0	0.0%	0	0	0	0
Lapeer	22%	7,217	305	4%	1	0.3%	0	0	1	0
Leelanau	22%	1,328	33	2%	0	0.0%	0	0	0	0
Lenawee	39%	7,564	495	7%	18	3.6%	12	3	3	0
Livingston	14%	13,800	285	2%	0	0.0%	0	0	0	0
Luce	30%	438	76	17%	0	0.0%	0	0	0	0
Mackinac	28%	708	120	17%	0	0.0%	0	0	0	0
Macomb	11%	61,805	4,602	7%	24	0.5%	21	1	2	1
Manistee	36%	1,616	151	9%	1	0.7%	1	0	0	0
Marquette	33%	3,985	256	6%	3	1.2%	3	0	0	1
Mason	31%	1,902	125	7%	0	0.0%	0	0	0	0
Mecosta	22%	2,892	338	12%	2	0.6%	1	0	1	0
Menominee	38%	1,783	241	14%	0	0.0%	0	0	0	2
Midland	17%	6,572	251	4%	0	0.0%	0	0	0	0
Missaukee	21%	1,143	65	6%	0	0.0%	0	0	0	0
Monroe	28%	11,757	1,208	10%	5	0.4%	5	0	0	0
Montcalm	28%	4,888	336	7%	0	0.0%	0	0	0	0
Montmorency	18%	544	37	7%	0	0.0%	0	0	0	0
Muskegon	30%	14,215	2,560	18%	76	3.0%	51	14	11	2
Newaygo	23%	4,014	478	12%	2	0.4%	2	0	0	0
Oakland	16%	97,281	7,128	7%	57	0.8%	41	11	5	2
Oceana	27%	2,092	430	21%	1	0.2%	0	0	1	5
Ogemaw	18%	1,384	79	6%	0	0.0%	0	0	0	0
Ontonagon	43%	419	42	10%	0	0.0%	0	0	0	0
Osceola	24%	1,754	164	9%	0	0.0%	0	0	0	0
Oscoda	18%	608	37	6%	0	0.0%	0	0	0	0
Otsego	13%	1,759	26	1%	0	0.0%	0	0	0	0
Ottawa	18%	21,940	1,199	5%	14	1.2%	10	4	0	10
Presque Isle	28%	832	51	6%	1	2.0%	1	0	0	1
Roscommon	16%	1,368	57	4%	0	0.0%	0	0	0	0
Saginaw	29%	17,275	2,153	12%	59	2.8%	37	14	8	12
St Clair	30%	13,360	969	7%	10	1.0%	5	2	3	2
St Joseph	35%	5,389	613	11%	11	1.8%	10	0	1	1
Sanilac	35%	3,506	294	8%	1	0.3%	0	1	0	0
Schoolcraft	33%	615	105	17%	0	0.0%	0	0	0	2
Shiawassee	36%	5,914	541	9%	3	0.6%	2	0	1	0
Tuscola	33%	4,310	309	7%	1	0.3%	1	0	0	0
Van Buren	29%	6,243	708	11%	8	1.1%	4	2	2	5
Washtenaw	19%	24,173	977	4%	6	0.6%	5	0	1	0
Wayne ex Det	24%	92,253	9,479	10%	158	1.7%	99	31	28	29
Wexford	26%	2,377	117	5%	0	0.0%	0	0	0	1
Detroit, City of	56%	93,365	32,698	35%	2,054	6.4%	1,266	440	348	403
MICHIGAN	27%	814,505	100,181	12%	3,141	3.2%	1,952	656	533	747

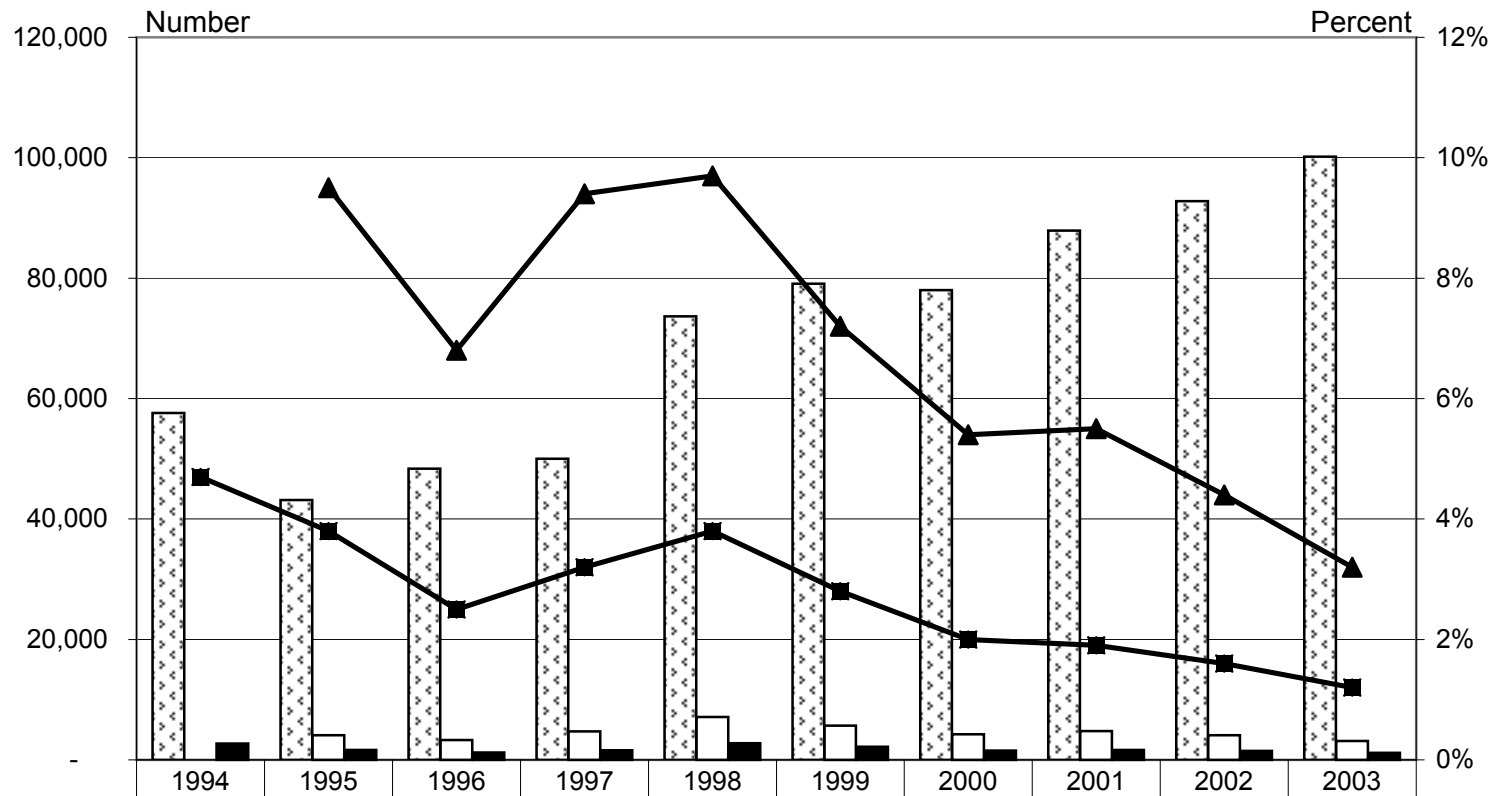
* U.S. Census Bureau, Census 2000

** %EBLL is calculated as follows: Number of Children w/EBLL divided by (Number of Children Tested minus Children w/elevated capillary tests, not confirmed by venous)

Note: Counts of children tested and blood lead levels are reported from Michigan Department of Community Health, Childhood Lead Poisoning Prevention Project statewide database.

Note: Column for "Children Tested" reflects capillary and venous blood tests. Columns for "Children w/confirmed elevated blood lead levels" reflect venous tests only.

Figure 1. Blood Lead Testing in Michigan Children under Age Six, 1994 - 2003



	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
# of Children Tested	57,621	43,150	48,367	50,021	73,643	79,063	78,040	87,875	92,767	100,181
# Confirmed >=10 ug/dL		4,105	3,291	4,709	7,144	5,712	4,243	4,771	4,083	3,141
# Confirmed >= 15 ug/dL	2,691	1,654	1,202	1,603	2,775	2,201	1,523	1,647	1,505	1,189
% Confirmed >=10		9.5%	6.8%	9.4%	9.7%	7.2%	5.4%	5.5%	4.4%	3.2%
% Confirmed >=15	4.7%	3.8%	2.5%	3.2%	3.8%	2.8%	2.0%	1.9%	1.6%	1.2%

Figure 2.

Michigan Children aged < six years with Elevated Blood Lead Levels (PbB \geq 10 $\mu\text{g}/\text{dL}$) - 2003

