

CHILDHOOD LEAD POISONING DATA FACTS -- ALL MICHIGAN COUNTIES

Children Ages One & Two - Calendar Year 2002

County	%Pre-1950 Housing*	Children Ages 1 & 2*	Children Ages 1 & 2, Tested for Lead		Children w/elevated blood lead (EBL)					Children w/elevated capillary tests, not confirmed by venous	County	%Pre-1950 Housing*	Children Ages 1 & 2*	Children Ages 1 & 2, Tested for Lead		Children w/elevated blood lead (EBL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBL	% EBL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL					Number of Children Tested	% Tested	Number of Children w/EBL	% EBL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Alcona	21%	224	20	9%	0	0.0%	0	0	0	0	Lake	15%	250	60	24%	2	3.4%	2	0	0	1
Alger	33%	166	79	48%	0	0.0%	0	0	0	1	Lapeer	22%	2,356	86	4%	1	1.2%	1	0	0	0
Allegan	27%	2,978	299	10%	2	0.7%	1	1	0	1	Leelanau	22%	430	15	3%	0	0.0%	0	0	0	0
Alpena	29%	687	126	18%	1	0.8%	0	0	1	0	Lenawee	39%	2,420	274	11%	9	3.3%	4	1	4	0
Antrim	23%	533	16	3%	0	0.0%	0	0	0	1	Livingston	14%	4,482	69	2%	1	1.4%	1	0	0	0
Arenac	21%	348	58	17%	0	0.0%	0	0	0	0	Luce	30%	135	56	41%	1	1.8%	0	1	0	0
Baraga	35%	210	38	18%	0	0.0%	0	0	0	1	Mackinac	28%	205	82	40%	0	0.0%	0	0	0	0
Barry	29%	1,475	461	31%	1	0.2%	1	0	0	2	Macomb	11%	20,271	2,274	11%	10	0.4%	7	3	0	4
Bay	37%	2,690	470	17%	4	0.9%	2	1	1	3	Manistee	36%	532	44	8%	1	2.3%	0	1	0	0
Benzie	27%	408	9	2%	0	0.0%	0	0	0	0	Marquette	33%	1,307	228	17%	0	0.0%	0	0	0	2
Berrien	33%	4,169	885	21%	53	6.0%	29	10	14	5	Mason	31%	619	34	5%	1	2.9%	0	1	0	0
Branch	37%	1,158	62	5%	1	1.7%	1	0	0	2	Mecosta	22%	981	180	18%	1	0.6%	1	0	0	0
Calhoun	36%	3,534	573	16%	15	2.6%	9	5	1	2	Menominee	38%	603	221	37%	2	0.9%	2	0	0	0
Cass	30%	1,212	142	12%	0	0.0%	0	0	0	1	Midland	17%	2,167	136	6%	2	1.5%	2	0	0	0
Charlevoix	26%	676	27	4%	0	0.0%	0	0	0	0	Missaukee	21%	380	5	1%	0	0.0%	0	0	0	0
Cheboygan	22%	638	13	2%	0	0.0%	0	0	0	0	Monroe	28%	3,898	656	17%	3	0.5%	1	1	1	0
Chippewa	28%	819	215	26%	1	0.5%	0	1	0	2	Montcalm	28%	1,601	225	14%	3	1.3%	2	0	1	0
Clare	13%	742	83	11%	0	0.0%	0	0	0	0	Montmorency	18%	192	9	5%	0	0.0%	0	0	0	0
Clinton	29%	1,755	97	6%	1	1.0%	1	0	0	0	Muskegon	30%	4,670	1,116	24%	46	4.1%	19	12	15	1
Crawford	20%	295	10	3%	0	0.0%	0	0	0	0	Newaygo	23%	1,336	238	18%	2	0.8%	2	0	0	0
Delta	38%	841	352	42%	3	0.9%	3	0	0	0	Oakland	16%	31,861	3,216	10%	28	0.9%	16	6	6	3
Dickinson	42%	598	45	8%	0	0.0%	0	0	0	0	Oceana	27%	697	149	21%	1	0.7%	1	0	0	1
Eaton	23%	2,558	676	26%	3	0.4%	3	0	0	4	Ogemaw	18%	432	61	14%	1	1.6%	1	0	0	0
Emmet	28%	756	15	2%	0	0.0%	0	0	0	0	Ontonagon	43%	125	15	12%	0	0.0%	0	0	0	0
Genesee	23%	12,624	1,739	14%	39	2.2%	20	5	14	3	Osceola	24%	604	80	13%	1	1.3%	1	0	0	1
Gladwin	14%	555	39	7%	1	2.6%	0	1	0	0	Oscoda	18%	190	15	8%	0	0.0%	0	0	0	0
Gogebic	54%	294	32	11%	0	0.0%	0	0	0	0	Otsego	13%	586	7	1%	0	0.0%	0	0	0	0
Grand Trav	18%	1,908	38	2%	0	0.0%	0	0	0	0	Ottawa	18%	7,321	710	10%	7	1.0%	5	1	1	2
Gratiot	40%	1,000	89	9%	0	0.0%	0	0	0	0	Presque Isle	28%	277	26	9%	0	0.0%	0	0	0	1
Hillsdale	39%	1,209	163	13%	1	0.6%	1	0	0	0	Roscommon	16%	447	30	7%	0	0.0%	0	0	0	0
Houghton	55%	776	150	19%	0	0.0%	0	0	0	0	Saginaw	29%	5,709	878	15%	39	4.5%	24	12	3	5
Huron	33%	793	51	6%	0	0.0%	0	0	0	0	St Clair	30%	4,355	307	7%	4	1.3%	4	0	0	3
Ingham	26%	7,137	1,296	18%	22	1.7%	13	3	6	12	St Joseph	35%	1,727	236	14%	12	5.1%	6	5	1	0
Ionia	38%	1,704	321	19%	6	1.9%	5	0	1	2	Sanilac	35%	1,165	74	6%	2	2.7%	0	1	1	1
Iosco	20%	535	43	8%	0	0.0%	0	0	0	0	Schoolcraft	33%	215	81	38%	0	0.0%	0	0	0	1
Iron	44%	225	27	12%	0	0.0%	0	0	0	1	Shiawassee	36%	1,939	201	10%	3	1.5%	2	0	1	0
Isabella	19%	1,321	91	7%	0	0.0%	0	0	0	0	Tuscola	33%	1,410	103	7%	0	0.0%	0	0	0	0
Jackson	36%	4,112	162	4%	7	4.3%	4	2	1	0	Van Buren	29%	2,047	270	13%	5	1.9%	2	0	3	2
Kalamazoo	25%	6,175	685	11%	17	2.5%	10	3	4	1	Washtenaw	19%	8,086	447	6%	2	0.4%	2	0	0	2
Kalkaska	15%	408	7	2%	1	14.3%	1	0	0	0	Wayne ex Det	24%	30,284	3,792	13%	72	1.9%	48	11	13	8
Kent	27%	17,768	6,441	36%	242	3.9%	149	54	39	175	Wexford	26%	740	37	5%	1	2.7%	0	0	1	0
Keweenaw	55%	39	15	38%	0	0.0%	0	0	0	0	Detroit, City of	56%	30,307	14,385	47%	1,333	9.5%	779	314	240	293
											MICHIGAN	27%	267,412	47,288	18%	2,017	4.3%	1,188	456	373	550

* U.S. Census Bureau, Census 2000

** %EBL is calculated as follows: Number of Children w/EBL 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/elevated blood lead" reflect venous tests only.

CHILDHOOD LEAD POISONING DATA FACTS -- ALL MICHIGAN COUNTIES

Children Younger than Age Six - Calendar Year 2002

County	%Pre-1950 Housing*	Children Under Age 6*	Children < Age 6, Tested for Lead		Children w/elevated blood lead (EBL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBL	% EBL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Alcona	21%	630	37	6%	0	0.0%	0	0	0	0
Alger	33%	562	98	17%	0	0.0%	0	0	0	1
Allegan	27%	9,272	605	7%	5	0.8%	3	1	1	2
Alpena	29%	2,118	194	9%	0	0.0%	0	0	0	0
Antrim	23%	1,625	83	5%	0	0.0%	0	0	0	1
Arenac	21%	1,124	121	11%	0	0.0%	0	0	0	0
Baraga	35%	590	87	15%	0	0.0%	0	0	0	1
Barry	29%	4,606	761	17%	3	0.4%	2	0	1	2
Bay	37%	8,126	688	8%	7	1.0%	5	1	1	4
Benzie	27%	1,135	39	3%	0	0.0%	0	0	0	0
Berrien	33%	12,820	1,891	15%	109	5.8%	67	21	21	10
Branch	37%	3,484	112	3%	4	3.6%	4	0	0	0
Calhoun	36%	10,945	1,295	12%	45	3.5%	33	10	2	2
Cass	30%	3,818	309	8%	4	1.3%	3	1	0	3
Charlevoix	26%	2,052	79	4%	0	0.0%	0	0	0	0
Cheboygan	22%	1,893	64	3%	0	0.0%	0	0	0	2
Chippewa	28%	2,500	377	15%	1	0.3%	0	1	0	2
Clare	13%	2,236	164	7%	1	0.6%	0	1	0	0
Clinton	29%	5,436	199	4%	2	1.0%	1	1	0	0
Crawford	20%	949	25	3%	0	0.0%	0	0	0	0
Delta	38%	2,530	414	16%	4	1.0%	3	0	1	0
Dickinson	42%	1,871	81	4%	0	0.0%	0	0	0	0
Eaton	23%	7,980	1,190	15%	3	0.3%	3	0	0	6
Emmet	28%	2,366	48	2%	0	0.0%	0	0	0	0
Genesee	23%	38,236	3,420	9%	73	2.1%	40	14	19	4
Gladwin	14%	1,733	100	6%	1	1.0%	0	1	0	0
Gogebic	54%	973	74	8%	0	0.0%	0	0	0	0
Grand Trav	18%	5,733	177	3%	0	0.0%	0	0	0	0
Gratiot	40%	3,012	183	6%	0	0.0%	0	0	0	1
Hillsdale	39%	3,628	281	8%	2	0.7%	2	0	0	0
Houghton	55%	2,348	329	14%	0	0.0%	0	0	0	0
Huron	33%	2,447	163	7%	1	0.6%	1	0	0	0
Ingham	26%	21,259	2,435	11%	38	1.6%	23	7	8	21
Ionia	38%	5,111	576	11%	9	1.6%	6	1	2	2
Iosco	20%	1,577	105	7%	0	0.0%	0	0	0	0
Iron	44%	677	48	7%	0	0.0%	0	0	0	1
Isabella	19%	3,945	211	5%	0	0.0%	0	0	0	1
Jackson	36%	12,586	308	2%	11	3.6%	2	6	3	1
Kalamazoo	25%	18,597	1,093	6%	34	3.1%	23	6	5	1
Kalkaska	15%	1,306	53	4%	1	1.9%	1	0	0	0
Kent	27%	53,436	9,807	18%	394	4.1%	248	85	61	237
Keweenaw	55%	127	32	25%	0	0.0%	0	0	0	0

County	%Pre-1950 Housing*	Children Under Age 6*	Children < Age 6, Tested for Lead		Children w/elevated blood lead (EBL)					Children w/elevated capillary tests, not confirmed by venous
			Number of Children Tested	% Tested	Number of Children w/EBL	% EBL**	10-14 ug/dL	15-19 ug/dL	20+ ug/dL	
Lake	15%	718	106	15%	5	4.8%	5	0	0	1
Lapeer	22%	7,217	183	3%	2	1.1%	2	0	0	0
Leelanau	22%	1,328	54	4%	0	0.0%	0	0	0	0
Lenawee	39%	7,564	350	5%	10	2.9%	5	1	4	0
Livingston	14%	13,800	277	2%	1	0.4%	1	0	0	0
Luce	30%	438	82	19%	1	1.2%	0	1	0	0
Mackinac	28%	708	119	17%	0	0.0%	0	0	0	0
Macomb	11%	61,805	3,568	6%	18	0.5%	12	5	1	5
Manistee	36%	1,616	94	6%	1	1.1%	0	1	0	0
Marquette	33%	3,985	345	9%	0	0.0%	0	0	0	3
Mason	31%	1,902	76	4%	2	2.6%	1	1	0	0
Mecosta	22%	2,892	289	10%	1	0.3%	1	0	0	0
Menominee	38%	1,783	281	16%	2	0.7%	2	0	0	0
Midland	17%	6,572	226	3%	4	1.8%	3	1	0	0
Missaukee	21%	1,143	51	4%	0	0.0%	0	0	0	0
Monroe	28%	11,757	1,141	10%	4	0.4%	2	1	1	0
Montcalm	28%	4,888	389	8%	5	1.3%	3	1	1	0
Montmorency	18%	544	19	3%	0	0.0%	0	0	0	0
Muskegon	30%	14,215	2,006	14%	99	4.9%	53	23	23	2
Newaygo	23%	4,014	441	11%	4	0.9%	3	0	1	0
Oakland	16%	97,281	6,122	6%	53	0.9%	31	12	10	3
Oceana	27%	2,092	384	18%	1	0.3%	1	0	0	3
Ogemaw	18%	1,384	120	9%	1	0.8%	1	0	0	0
Ontonagon	43%	419	27	6%	0	0.0%	0	0	0	0
Osceola	24%	1,754	142	8%	4	2.8%	4	0	0	1
Oscoda	18%	608	42	7%	0	0.0%	0	0	0	0
Otsego	13%	1,759	21	1%	0	0.0%	0	0	0	0
Ottawa	18%	21,940	1,066	5%	9	0.8%	7	1	1	3
Presque Isle	28%	832	45	5%	0	0.0%	0	0	0	1
Roscommon	16%	1,368	84	6%	0	0.0%	0	0	0	0
Saginaw	29%	17,275	2,113	12%	74	3.5%	47	20	7	13
St Clair	30%	13,360	534	4%	4	0.8%	4	0	0	3
St Joseph	35%	5,389	563	10%	14	2.5%	8	5	1	2
Sanilac	35%	3,506	187	5%	3	1.6%	0	2	1	1
Schoolcraft	33%	615	94	15%	0	0.0%	0	0	0	1
Shiawassee	36%	5,914	503	9%	3	0.6%	2	0	1	1
Tuscola	33%	4,310	257	6%	1	0.4%	1	0	0	1
Van Buren	29%	6,243	579	9%	7	1.2%	3	1	3	4
Washtenaw	19%	24,173	863	4%	4	0.5%	3	0	1	2
Wayne ex Det	24%	92,253	7,874	9%	161	2.1%	111	27	23	27
Wexford	26%	2,377	154	6%	3	1.9%	2	0	1	0
Detroit, City of	56%	93,365	32,540	35%	2,830	8.9%	1,790	610	430	608
MICHIGAN	27%	814,505	92,767	11%	4,083	4.4%	2,578	870	635	990

* U.S. Census Bureau, Census 2000

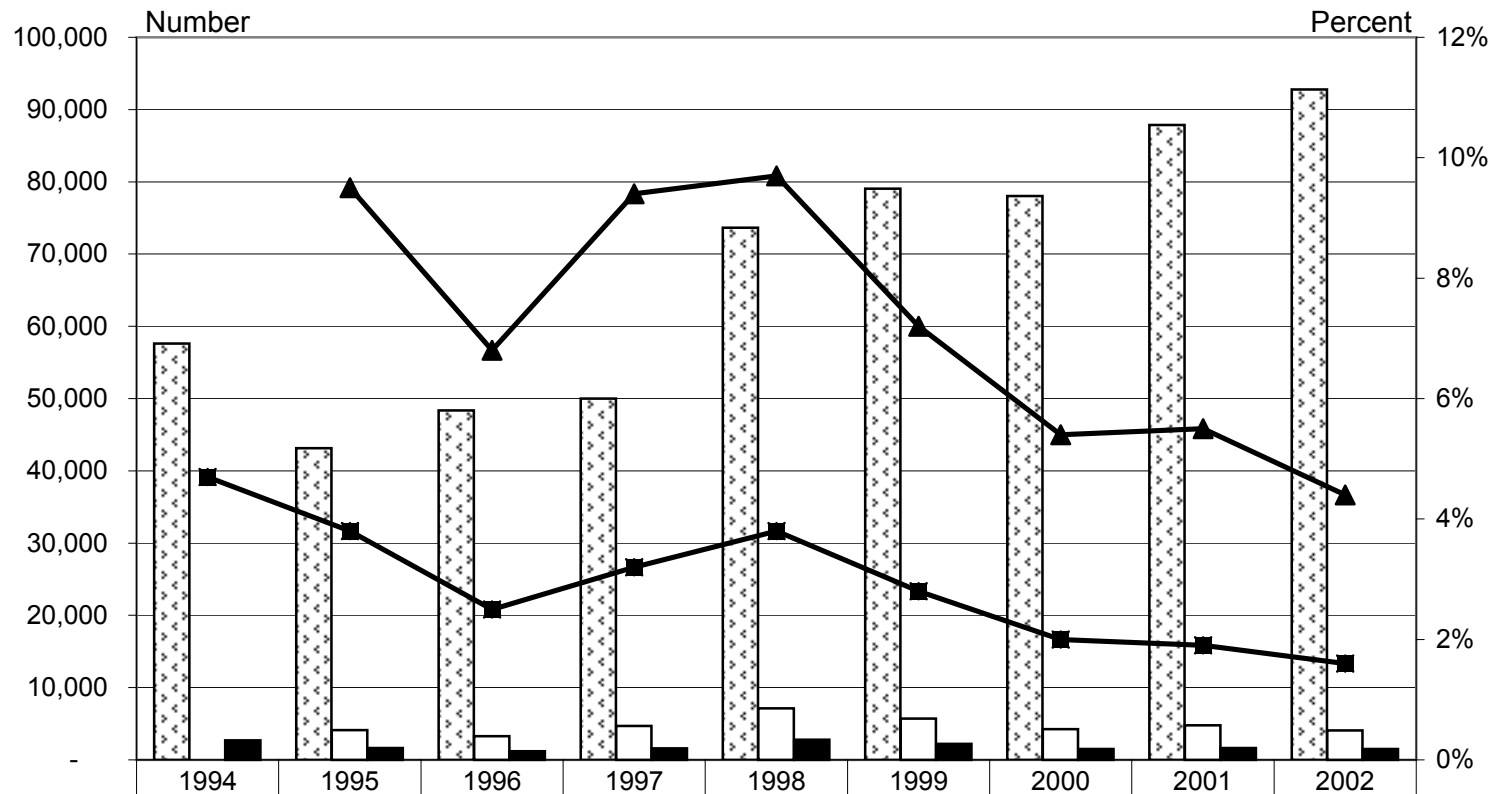
** %EBL is calculated as follows: Number of Children w/EBL divided by (Number of Children Tested minus Children w/elevated capillary tests, not confirmed by venous)

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/elevated blood lead" reflect venous tests only.

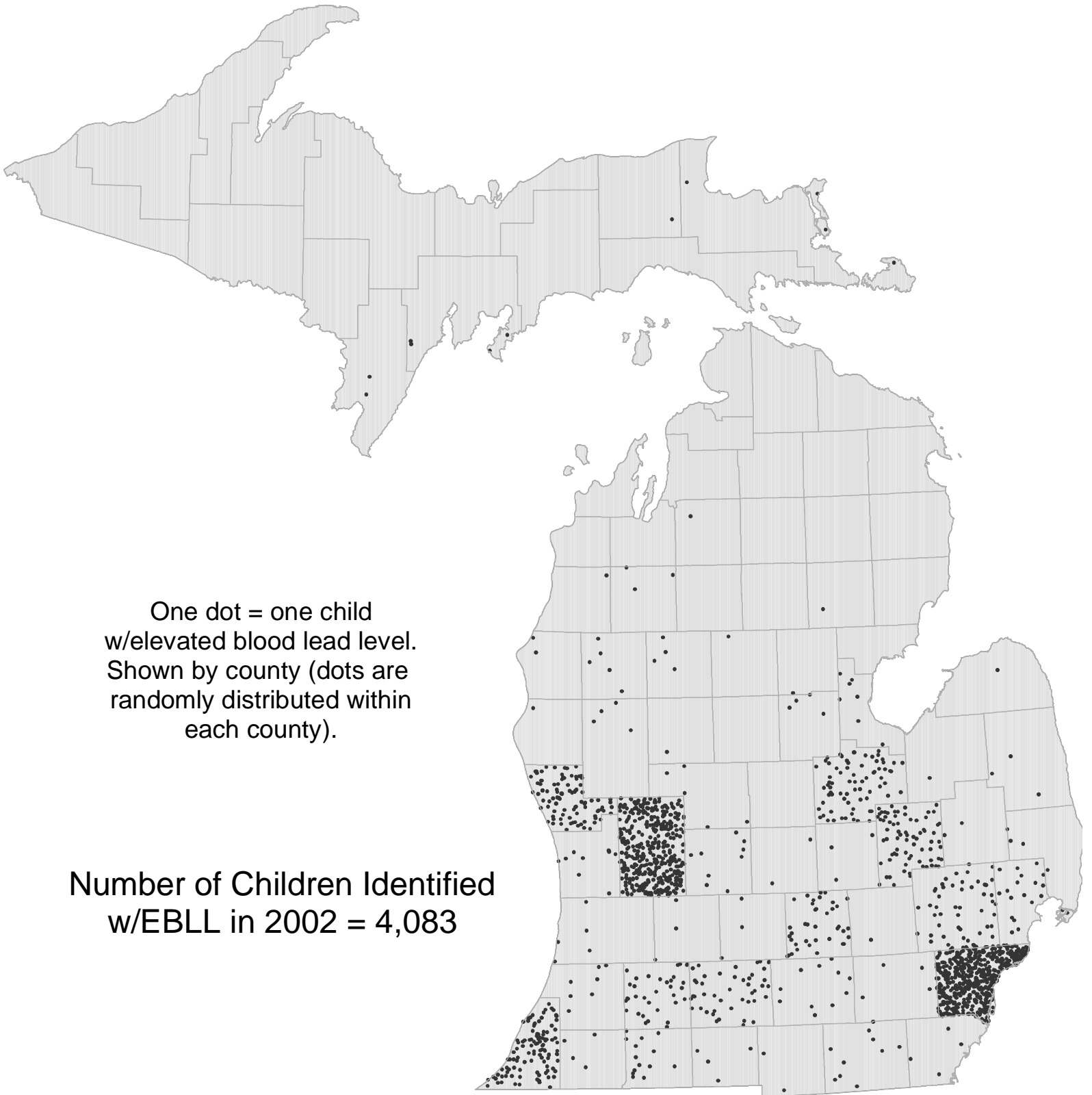
Blood Lead Testing

Children under Age Six, 1994 - 2002



	1994	1995	1996	1997	1998	1999	2000	2001	2002
# of Children Tested	57,621	43,150	48,367	50,021	73,643	79,063	78,040	87,875	92,767
# Confirmed ≥ 10 ug/dL	0	4,105	3,291	4,709	7,144	5,712	4,243	4,771	4,083
# Confirmed ≥ 15 ug/dL	2,691	1,654	1,202	1,603	2,775	2,201	1,523	1,647	1,505
% Confirmed ≥ 10	0	9.5%	6.8%	9.4%	9.7%	7.2%	5.4%	5.5%	4.4%
% Confirmed ≥ 15	4.7%	3.8%	2.5%	3.2%	3.8%	2.8%	2.0%	1.9%	1.6%

Figure 5. Children aged < six years with Elevated Blood Lead Levels (PbB \geq 10 $\mu\text{g}/\text{dL}$) - 2002



Source: MDCH CLPPP statewide database