

Michigan Department of Community Health
Childhood Lead Poisoning Prevention Program

2008 Data Report
on blood lead testing and elevated levels

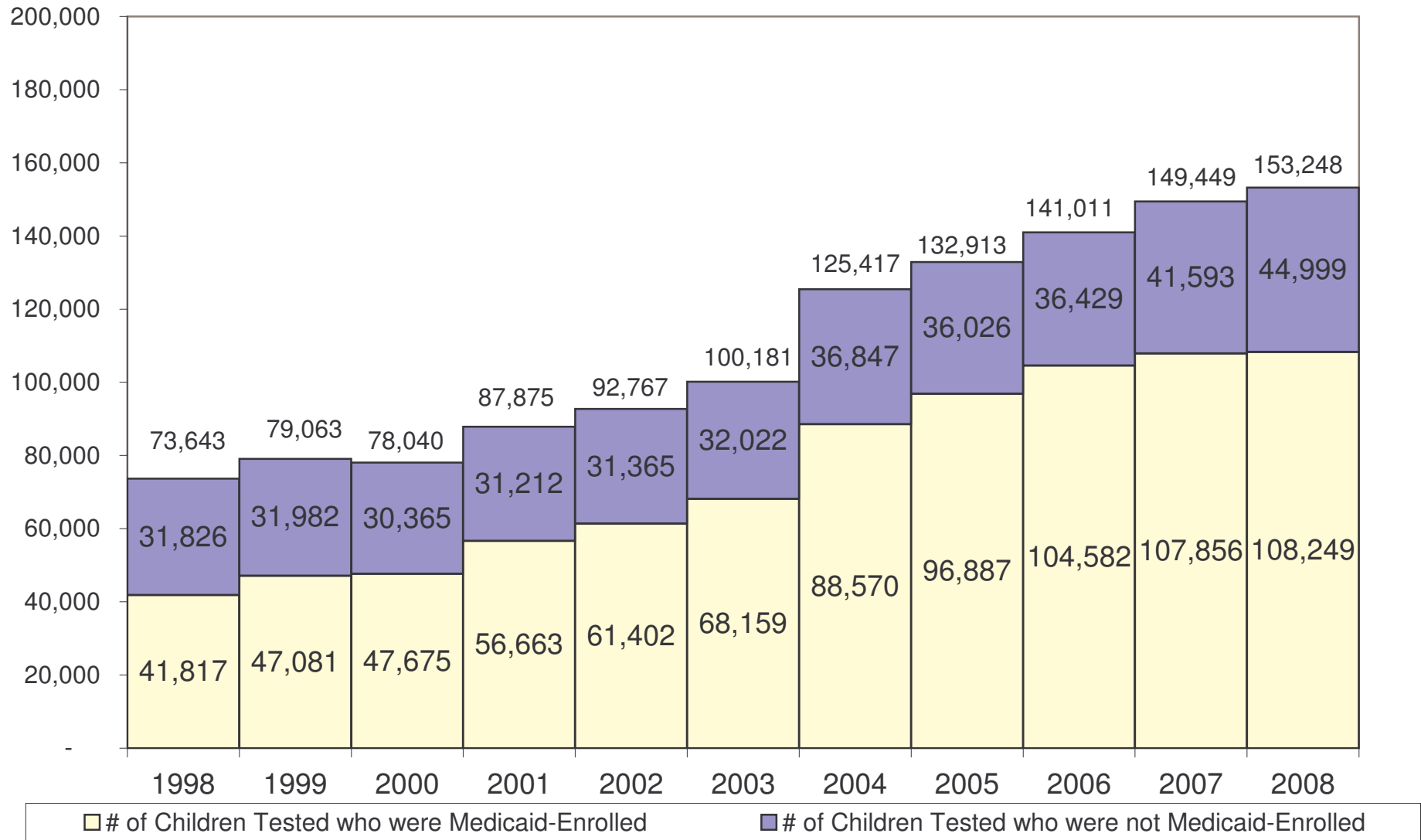
Laboratories Analyzing and Reporting Blood Lead Specimens to MDCH CLPPP
Specimens Drawn in Calendar Year 2008

			Number of Specimens Reported	% of Total Reported	
public labs:					
1	Bay County Hlth Dept EPSDT	Bay City	246	0.1	
1	Bay County Hlth Dept Lab	Bay City	334	0.2	
1	City of Detroit Hlth Dept CLP	Detroit	2,488	1.3	
	Detroit Hlth Dept Lab	Detroit	3,287	1.7	
1	Genesee County Hlth Dept	Flint	38	<.1	
1	Grand Traverse County Hlth Dept	Traverse City	169	0.1	
1	Guidance Ctr HS	Southgate	33	<.1	
1	Huron County Hlth Dept	Bad Axe	404	0.2	
1	ICHD-Child Health Center	Lansing	30	<.1	
1	ICHD-Well Child Clinic	Lansing	247	0.1	
1	Ingham County Hlth Dept WIC	Lansing	3,577	1.8	
1	Kent County Hlth Dept Lab	Grand Rapids	3,688	1.9	
2	MDCH Lab	Lansing	39,284	19.8	
1	Mid Michigan Community Action Agency	Midland	482	0.2	
1	Mott Children's Hlth Ctr	Flint	223	0.1	
1	Muskegon County Hlth Dept	Muskegon	336	0.2	
1	Sanilac County Hlth Dept	Sandusky	214	0.1	
1	St Johns Hlth System-Butzel	Detroit	25	<.1	
1	St Johns Hlth System-Hazel Park	Ferndale	17	<.1	
1	St John Hlth System-Nolan		6	<.1	
1	Starfish Family Svcs	Inkster	85	<.1	
1	Stottlemeyer Early C C	Westland	93	0.1	
1	Tuscola County Hlth Dept	Caro	434	0.2	
1	Western Wayne Fam Hlth Ctr	Inkster	113	0.1	
1	YWCA Of West Wayne Co HS	Redford	47	<.1	
	subtotal		55,900	28.2	
in-state private labs:					
	Biotech Clinical Labs	Farmington Hills	484	0.2	
1	Capital Area Pediatrics	Lansing	99	0.1	
1	Chass Center Inc	Detroit	181	0.1	
1	Child & Adolescent Center	Southgate	249	0.1	
1	Clinton Preferred Pediatrics	Clinton Twp	182	0.1	
1	Day One Healthcare	Battle Creek	156	0.1	
	DMC Laboratories	Detroit	28,277	14.3	
	Drug Analysis & Tox Lab	Ann Arbor	3,885	2.0	
1	Forest Hills Pediatrics	Grand Rapids	129	0.1	
1	Gerber Memorial Hlth	Fremont	304	0.2	
1	Grand Traverse Band Family Health	Suttons Bay	35	<.1	
1	Gunderson, Dr Paul	Manistee	106	0.1	
	Hackley Hospital Lab	Muskegon	1,044	0.5	
1	Hackley Lakeshore Hospital	Shelby	210	0.1	
1	Hasan, Dr Kamal	Davison	192	0.1	
1	Health Specialists of Lenawee	Tecumseh	90	0.1	
	Henry Ford Hospital Lab	Detroit	6,047	3.1	
1	Jackson Pediatrics	Jackson	156	0.1	
1	Kalamazoo Family Hlth Ctr	Kalamazoo	414	<.1	
1	Kids Creek Children's Clinic	Traverse City	326	0.2	
	Labcorp of America Liv	Livonia	3,924	2.0	
	Marquette General Hospital	Marquette	1,690	0.9	
	Mt Clemens Reg Med Ctr	Mt Clemens	1,283	0.7	
1	Northside Pediatrics	Battle Creek	186	0.1	
1	Pediatric & Adolescent Medicine	Ludington	218	0.1	
1	Pediatric Care Corner	West Bloomfield	426	0.2	
1	Pediatric Healthcare	Sterling Hts	94	0.1	
1	Pullukat, Dr Annamma	Pontiac	125	0.1	
	Quest Diagnostics MI	Auburn Hills	17,443	8.8	
1	Regional Medical Lab	Battle Creek	1,904	1.0	
1	River Oaks Pediatrics	Dearborn Hts	15	<.1	
1	Roth & Shah, Drs	Beverly Hills	11	<.1	
1	Sacred Heart Pediatrics	Grass Lake	68	<.1	
1	Shanavas, Dr T O	Adrian	104	0.1	
1	Shelby Pediatrics	Shelby Twp	2	<.1	
1	Southwestern Med CC Lab	Berrien Springs	580	0.3	
	Sparrow Regional Lab	Lansing	3,235	1.6	
2	Spectrum Hlth	Grand Rapids	6,340	3.2	
	Warde Medical	Ann Arbor	27,474	13.8	
1	Zara, Dr S E	Riverview	263	0.1	
	subtotal		107,951	54.0	
out-of-state private labs:					
	ACL Industrial Tox Lab	West Allis	WI	122	0.1
	Advanced Toxicology Network	Memphis	TN	1,706	86.0
	Assoc Reg & Univ Path	Salt Lake City	UT	12,956	6.5
	Bellin Hospital Lab	Green Bay	WI	38	0.1
	Labone Inc	Lenexa	KS	17	<.1
	Marshfield Lab	Marshfield	WI	12	<.1
	Mayo Medical Lab	Rochester	MN	9,924	5.0
2	Medtox Labs	St Paul	MN	6,471	3.3
	Pathology Labs	Toledo	OH	100	0.1
	Promedica Health System	Toledo	OH	954	0.5
	Quest Diagnostics IL	Wood Dale	IL	139	0.1
	Quest Diagnostics NJ	Teterboro	NJ	1	<.1
	Quest Diagnostics VA	Chantilly	VA	12	<.1
	Quest Nichols Institute CA	San Juan Capistrano	CA	4	<.1
	South Bend Med Foundation	South Bend	IN	1,315	0.7
	Specialty Labs	Valencia	CA	642	0.3
	St Vincent Mercy Med	Toledo	OH	65	<.1
2	Tamarac Medical	Littleton	CO	126	0.1
	subtotal		34,604	17.5	
	Unidentified Labs	Various	9	<.1	
	Total		198,464	100.0	

1 LeadCare hand-held analyzer
2 filter paper analysis possible

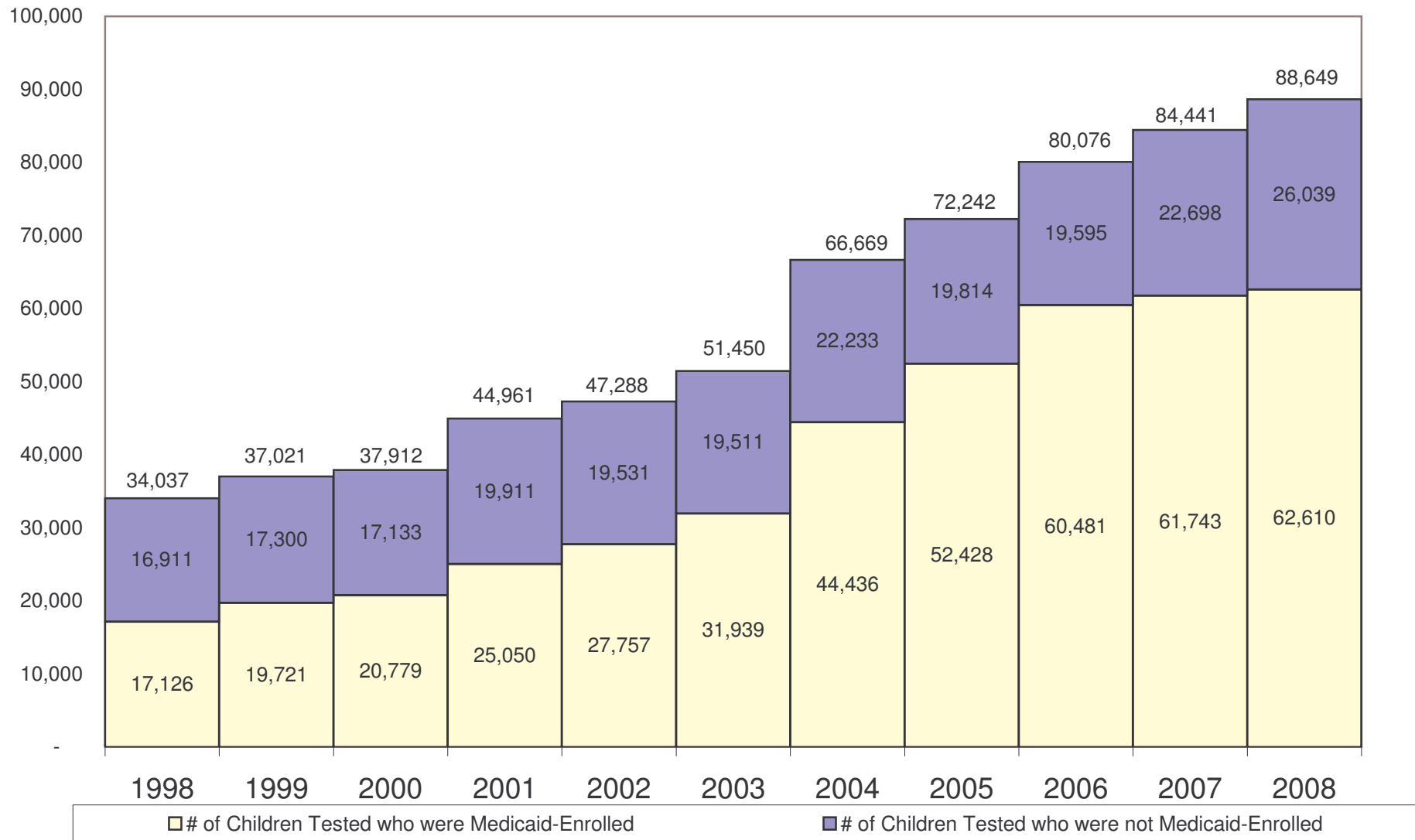
Blood Lead Testing in Michigan, 1998 - 2008

Children less than Six Years of Age

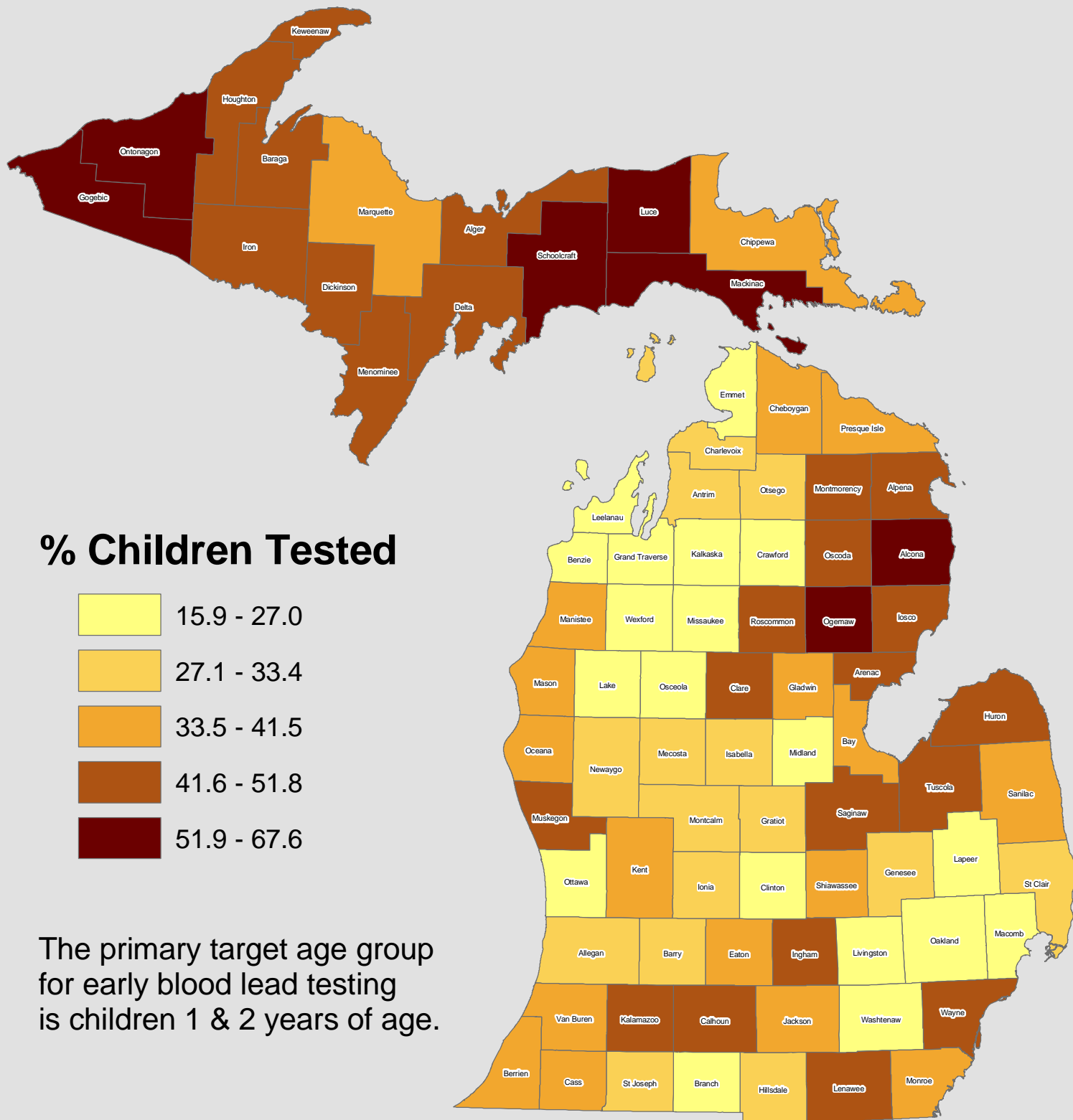


Blood Lead Testing in Michigan, 1998 - 2008

Children One and Two Years of Age

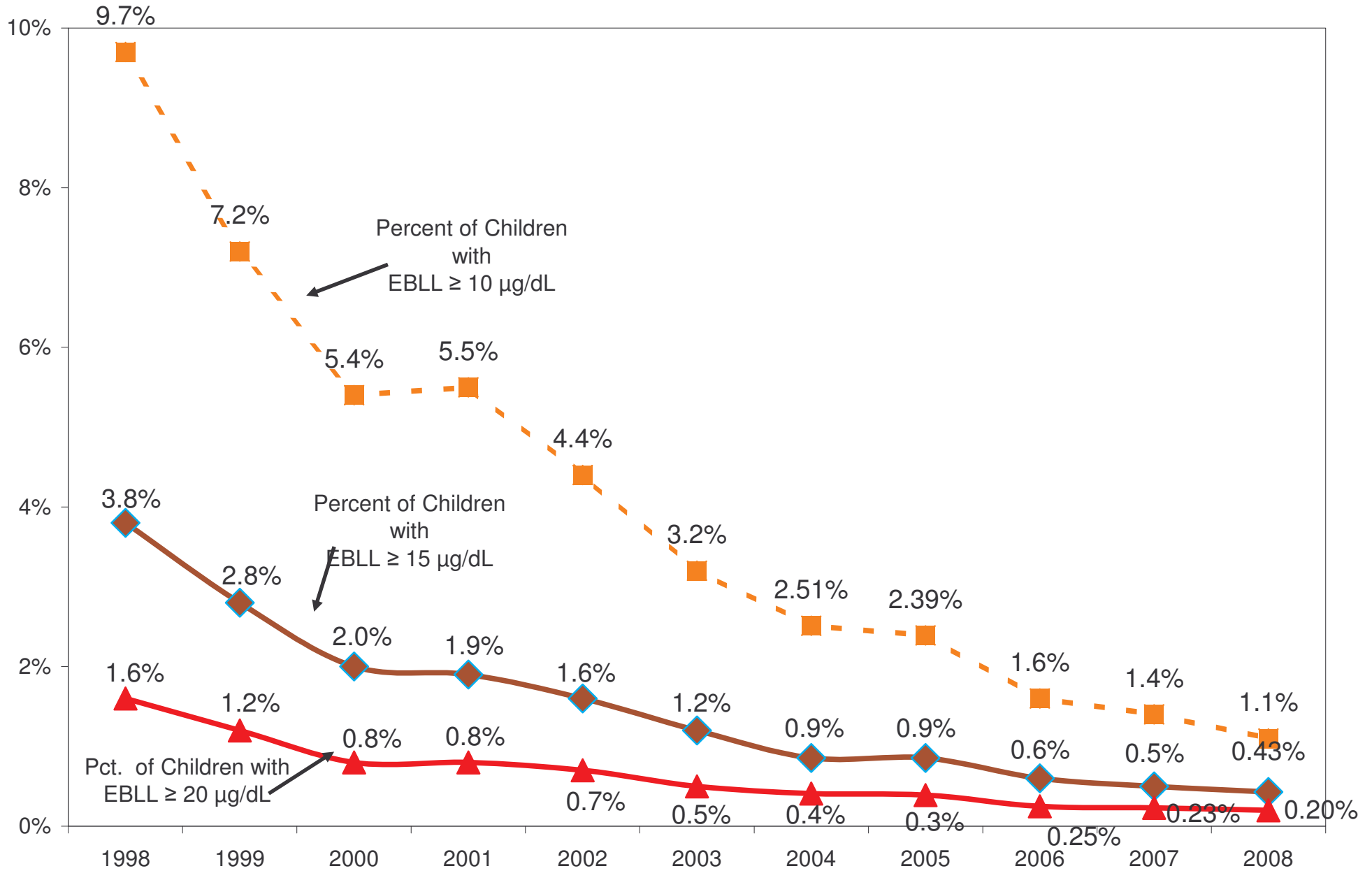


Pct. of Children 1 & 2 years of age Tested for Lead Poisoning 2008



Elevated Blood Lead Levels (EBLL) in Michigan 1998 - 2008

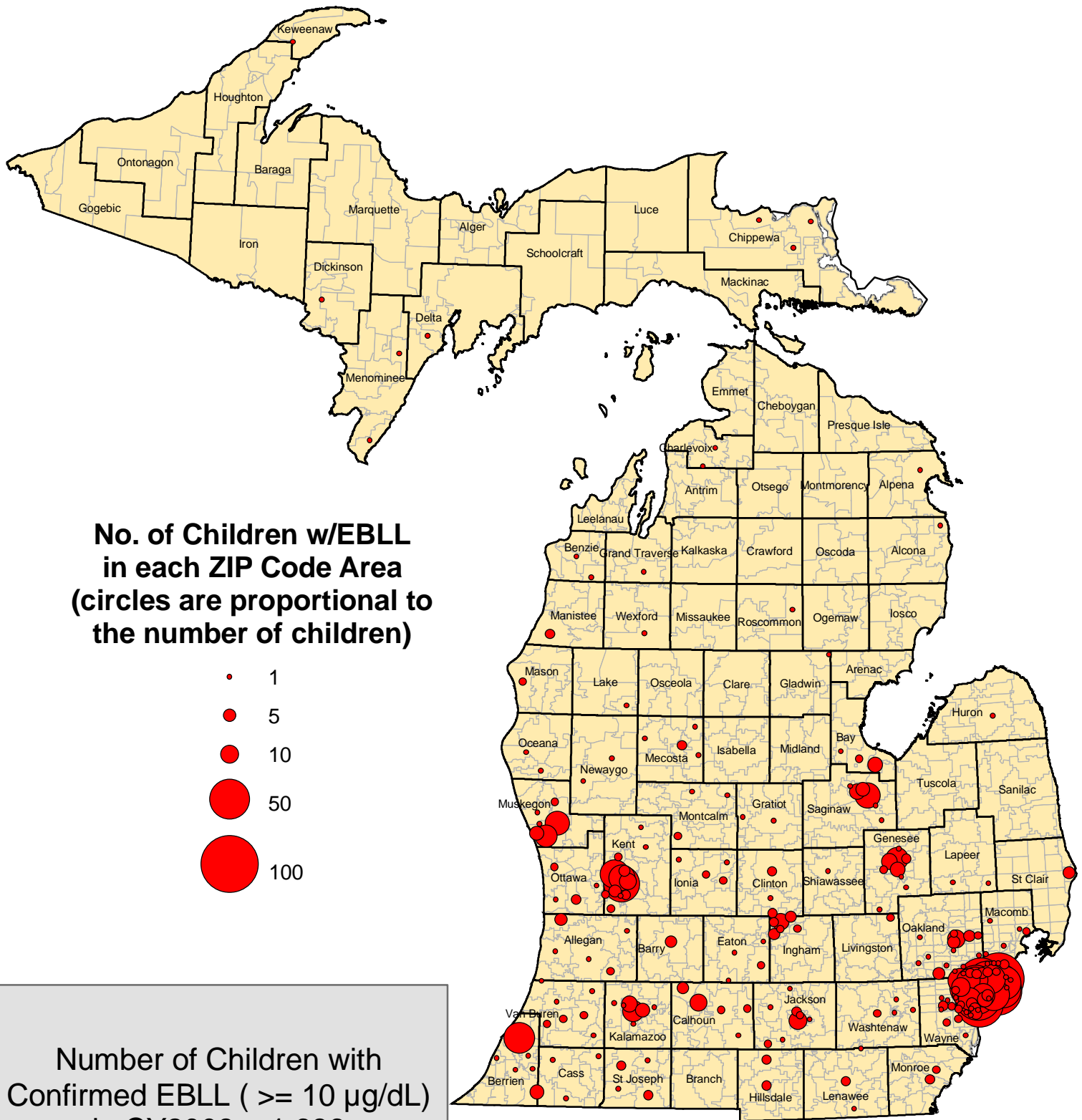
Children less than Six Years of Age



February 27, 2009

Source: MDCH Data Warehouse

Children less than Six years of age with Confirmed Elevated Blood Lead Levels (EBLL) 2008



Number of Children with
Confirmed EBLL ($\geq 10 \mu\text{g/dL}$)
in CY2008 = 1,686

Childhood Lead Poisoning Data Facts
All Counties in Michigan -- Calendar Year 2008 -- Children less than Six Years of Age

County	%Pre-1950 Housing*	Children Under Age 6**	Children < Age 6, Tested for Lead during 2008				% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)***	Children with Low-Level Exposure (5 to 9 ug/dL (capillary, venous or unknown))	Children with Confirmed Elevated Blood Lead Levels (EBLL)					Children with Elevated Capillary Tests, Not Confirmed by Venous				
			Number of Children Tested	% Tested	% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)***				10-14 ug/dL (venous only)	15-19 ug/dL (venous only)	20-44 ug/dL (venous only)	>=45 ug/dL (venous only)	Total EBLL (>= 10 ug/dL)	Capillary 10-14, not confirmed by venous	Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary >= 45, not confirmed by venous	Total Elevated Capillary, not confirmed by venous
Alcona	21.0	460	127	27.6	7.9	0.8	7	1	0	0	0	1	0	2	0	0	2		
Alger	32.6	481	103	21.4	3.9	0.0	4	0	0	0	0	0	0	0	0	0	0		
Allegan	27.4	8,956	1,515	16.9	6.4	0.4	84	4	0	2	0	6	6	0	1	0	7		
Alpena	28.6	1,704	380	22.3	6.8	0.3	21	1	0	0	0	1	4	0	0	0	4		
Antrim	22.6	1,509	247	16.4	7.7	0.0	19	0	0	0	0	0	0	0	0	0	0		
Arenac	20.6	1,021	202	19.8	5.0	0.0	9	0	0	0	0	0	1	0	0	0	1		
Baraga	34.9	543	159	29.3	3.8	0.0	6	0	0	0	0	0	0	0	0	0	0		
Barry	29.4	4,284	711	16.6	7.0	0.6	42	4	0	0	0	4	4	0	0	0	4		
Bay	37.1	7,388	1,409	19.1	8.2	0.7	102	7	2	1	0	10	2	2	0	0	4		
Benzie	27.3	1,221	157	12.9	3.2	1.3	3	2	0	0	0	2	0	0	0	0	0		
Berrien	32.7	12,511	2,466	19.7	13.9	1.6	286	27	8	4	0	39	13	4	2	0	19		
Branch	36.5	3,498	512	14.6	14.1	0.0	65	0	0	0	0	0	7	0	0	0	7		
Calhoun	36.4	10,947	2,672	24.4	10.5	1.0	249	15	10	3	0	28	3	0	0	0	3		
Cass	30.4	3,266	551	16.9	13.8	0.5	69	2	0	1	0	3	2	2	0	0	4		
Charlevoix	25.7	1,718	252	14.7	5.6	0.8	12	1	0	1	0	2	0	0	0	0	0		
Cheboygan	21.7	1,628	298	18.3	5.4	0.0	16	0	0	0	0	0	0	0	0	0	0		
Chippewa	28.4	2,179	451	20.7	3.3	0.7	11	2	1	0	0	3	1	0	0	0	1		
Clare	13.1	1,984	399	20.1	5.8	0.0	22	0	0	0	0	0	0	1	0	0	1		
Clinton	28.7	5,090	670	13.2	4.2	0.6	24	2	1	1	0	4	0	0	0	0	0		
Crawford	19.6	811	105	12.9	5.7	0.0	6	0	0	0	0	0	0	0	0	0	0		
Delta	37.7	2,373	427	18.0	5.9	0.2	23	1	0	0	0	1	1	0	0	0	1		
Dickinson	41.6	1,674	350	20.9	2.0	0.3	6	1	0	0	0	1	0	0	0	0	0		
Eaton	23.4	7,298	1,284	17.6	4.9	0.4	54	3	1	1	0	5	3	1	0	0	4		
Emmet	27.7	2,201	238	10.8	6.3	0.0	15	0	0	0	0	0	0	0	0	0	0		
Genesee	22.8	35,729	6,532	18.3	6.7	0.6	388	27	6	9	0	42	4	0	1	0	5		
Gladwin	13.7	1,607	272	16.9	4.0	0.0	11	0	0	0	0	0	0	0	0	0	0		
Gogebic	54.1	783	226	28.9	4.0	0.4	8	0	1	0	0	1	0	0	0	0	0		
Grand Traverse	17.8	5,976	693	11.6	4.8	0.1	31	1	0	0	0	1	1	0	0	0	1		
Gratiot	39.8	2,892	493	17.0	8.3	0.4	39	0	2	0	0	2	0	0	0	0	0		
Hillsdale	39.0	3,435	713	20.8	8.6	0.8	55	5	0	1	0	6	0	0	0	0	0		
Houghton	54.8	2,281	547	24.0	3.3	0.2	16	0	0	1	0	1	1	0	0	0	1		
Huron	33.5	1,967	546	27.8	9.0	0.2	46	0	1	0	0	1	2	0	0	0	2		
Ingham	25.9	20,938	5,118	24.4	7.8	0.5	359	13	8	6	0	27	7	3	1	0	11		
Ionia	37.9	4,949	686	13.9	8.0	0.9	45	4	1	0	1	6	3	0	1	0	4		
Iosco	19.8	1,423	332	23.3	4.2	0.0	13	0	0	0	0	0	0	0	1	0	1		
Iron	44.5	602	202	33.6	4.5	0.0	9	0	0	0	0	0	0	0	0	0	0		
Isabella	19.2	4,202	705	16.8	2.0	0.1	13	1	0	0	0	1	0	0	0	0	0		
Jackson	35.7	12,540	2,440	19.5	14.5	0.9	303	9	11	0	1	21	9	7	13	0	29		
Kalamazoo	24.6	18,681	4,230	22.6	11.4	0.8	415	18	7	8	0	33	25	8	0	0	33		
Kalkaska	15.2	1,345	190	14.1	2.6	0.0	5	0	0	0	0	0	0	0	0	0	0		
Kent	26.8	55,567	8,690	15.6	11.8	1.4	855	70	24	24	1	119	40	10	2	0	52		
Keweenaw	54.9	118	24	20.4	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0		
Lake	15.1	694	96	13.8	4.2	1.0	3	1	0	0	0	1	0	0	0	0	0		
Lapeer	22.2	6,234	759	12.2	7.5	0.3	51	1	0	1	0	2	3	0	1	0	4		

Childhood Lead Poisoning Data Facts
All Counties in Michigan -- Calendar Year 2008 -- Children less than Six Years of Age

County	%Pre-1950 Housing*	Children Under Age 6**	Children < Age 6, Tested for Lead during 2008				% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)***	Children with Low-Level Exposure 5 to 9 ug/dL (Capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels (EBLL)					Children with Elevated Capillary Tests, Not Confirmed by Venous				
			Number of Children Tested	% Tested	% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)***				10-14 ug/dL (venous only)	15-19 ug/dL (venous only)	20-44 ug/dL (venous only)	>=45 ug/dL (venous only)	Total EBLL (≥ 10 µg/dL)	Capillary 10-14, not confirmed by venous	Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary >= 45, not confirmed by venous	Total Elevated Capillary, not confirmed by venous
Leelanau	22.0	1,182	155	13.1	9.0	0.0	12	0	0	0	0	0	2	0	0	0	2		
Lenawee	38.6	7,408	1,799	24.3	13.7	0.3	233	4	0	1	0	5	6	0	3	0	9		
Livingston	13.7	12,892	1,042	8.1	2.5	0.0	26	0	0	0	0	0	0	0	0	0	0		
Luce	30.0	356	90	25.3	8.9	0.0	8	0	0	0	0	0	0	0	0	0	0		
Mackinac	28.1	548	130	23.7	8.5	0.0	9	0	0	0	0	0	2	0	0	0	2		
Macomb	10.9	60,857	8,826	14.5	3.3	0.2	260	9	4	4	0	17	10	1	5	0	16		
Manistee	35.9	1,520	290	19.1	12.8	1.0	31	3	0	0	0	3	3	0	0	0	3		
Marquette	32.6	3,670	578	15.7	4.7	0.0	27	0	0	0	0	0	0	0	0	0	0		
Mason	31.1	1,893	412	21.8	11.9	0.5	39	2	0	0	0	2	7	1	0	0	8		
Mecosta	22.0	2,704	410	15.2	6.1	1.2	20	1	2	2	0	5	0	0	0	0	0		
Menominee	38.4	1,465	267	18.2	9.0	0.7	22	1	0	0	1	2	0	0	0	0	0		
Midland	16.9	5,620	689	12.3	4.4	0.0	30	0	0	0	0	0	0	0	0	0	0		
Missaukee	20.6	1,020	137	13.4	2.2	0.0	3	0	0	0	0	0	0	0	0	0	0		
Monroe	28.3	10,827	1,778	16.4	5.6	0.3	93	3	2	0	0	5	0	1	0	0	1		
Montcalm	28.1	4,899	810	16.5	7.0	0.5	52	2	1	1	0	4	1	0	0	0	1		
Montmorency	18.4	515	106	20.6	5.7	0.0	6	0	0	0	0	0	0	0	0	0	0		
Muskegon	29.8	14,083	3,653	25.9	10.9	1.2	339	31	9	5	0	45	11	3	0	0	14		
Newaygo	22.7	3,773	591	15.7	6.3	0.3	35	2	0	0	0	2	0	0	0	0	0		
Oakland	15.9	88,381	13,815	15.6	3.7	0.3	450	21	15	12	0	48	6	1	0	0	7		
Oceana	26.8	2,362	534	22.6	9.6	0.4	48	0	1	1	0	2	1	0	0	0	1		
Ogemaw	18.3	1,287	365	28.4	7.4	0.3	25	0	0	1	0	1	1	0	0	0	1		
Ontonagon	43.4	280	67	23.9	1.5	0.0	1	0	0	0	0	0	0	0	0	0	0		
Osceola	24.2	1,760	197	11.2	4.6	0.0	9	0	0	0	0	0	0	0	0	0	0		
Oscoda	18.3	512	113	22.1	0.9	0.0	1	0	0	0	0	0	0	0	0	0	0		
Otsego	12.6	1,686	297	17.6	2.7	0.0	8	0	0	0	0	0	0	0	0	0	0		
Ottawa	18.0	21,506	2,588	12.0	5.4	0.5	121	5	3	4	0	12	4	2	1	0	7		
Presque Isle	27.6	744	127	17.1	14.2	0.0	17	0	0	0	0	0	0	0	1	0	1		
Roscommon	16.1	1,317	315	23.9	3.8	0.3	11	0	1	0	0	1	0	0	0	0	0		
Saginaw	29.3	15,322	3,287	21.5	12.4	1.1	354	21	9	7	0	37	14	3	0	0	17		
St Clair	29.6	12,348	2,080	16.8	10.2	0.2	196	3	1	1	0	5	10	0	2	0	12		
St Joseph	34.8	5,540	1,005	18.1	9.7	0.9	85	4	4	1	0	9	2	1	0	0	3		
Sanilac	34.7	3,188	699	21.9	5.9	0.0	41	0	0	0	0	0	0	0	0	0	0		
Schoolcraft	33.1	444	125	28.2	8.0	0.0	10	0	0	0	0	0	0	0	0	0	0		
Shiawassee	35.9	5,108	989	19.4	5.7	0.1	52	0	0	1	0	1	3	0	0	0	3		
Tuscola	32.8	3,897	907	23.3	5.0	0.0	45	0	0	0	0	0	0	0	0	0	0		
Van Buren	29.4	6,289	1,382	22.0	9.1	0.7	109	4	2	3	0	9	7	0	1	0	8		
Washtenaw	19.3	25,221	2,334	9.3	2.0	0.2	41	4	1	0	0	5	1	0	0	0	1		
Wayne ex Det	24.0	84,463	18,654	22.1	5.9	0.6	955	69	26	14	1	110	21	6	6	0	33		
Wexford	26.2	2,430	321	13.2	3.7	0.3	9	1	0	0	0	1	1	0	1	0	2		
Detroit, City of	56.0	78,154	32,105	41.1	19.7	3.1	5,125	611	197	155	18	981	150	37	33	0	220		
MICHIGAN	27.0	764,176	153,248	20.1	9.8	1.1	12,778	1,024	362	277	23	1,686	405	96	76	0	577		

Sources: Pre-1950 Housing calculated from U.S. Bureau, Census 2000; County and state populations from U.S. Census Bureau, 2007 Population Estimates; Detroit population from U.S. Census Bureau, 2007 American Community Survey; Children Tested and EBLL from Michigan Department of Community Health, Data Warehouse

Note: %EBLL is calculated as follows: Total EBLL divided by (Number of Children Tested minus Total Elevated Capillary, not confirmed by venous)

Childhood Lead Poisoning Data Facts
All Counties in Michigan -- Calendar Year 2008 -- Children One and Two Years of Age

County	%Pre-1950 Housing*	Children Age 1 & 2**	Children Age 1 & 2. Tested for Lead during 2008		% with BLL \geq 5 ug/dL	% EBLL (\geq 10 ug/dL venous only)***	Children with Low-Level Exposure 5 to 9 ug/dL (capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels (EBLL)					Total EBLL (\geq 10 μ g/dL)	Children with Elevated Capillary Tests, Not Confirmed by Venous				
			Number of Children Tested	% Tested				10-14 ug/dL (venous only)	15-19 ug/dL (venous only)	20-44 ug/dL (venous only)	\geq 45 ug/dL (venous only)	Capillary 10-14, not confirmed by venous		Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary \geq 45, not confirmed by venous	Total Elevated Capillary, not confirmed by venous	
Alcona	21.0	144	92	64.1	6.5	1.1	4	1	0	0	0	1	0	1	0	0	1	
Alger	32.6	159	82	51.5	3.7	0.0	3	0	0	0	0	0	0	0	0	0	0	
Allegan	27.4	2,969	940	31.7	7.7	0.5	63	4	0	1	0	5	3	0	1	0	4	
Alpena	28.6	551	259	47.0	8.5	0.4	18	1	0	0	0	1	3	0	0	0	3	
Antrim	22.6	494	151	30.5	9.3	0.0	14	0	0	0	0	0	0	0	0	0	0	
Arenac	20.6	339	147	43.3	4.8	0.0	6	0	0	0	0	0	1	0	0	0	1	
Baraga	34.9	182	93	51.1	3.2	0.0	3	0	0	0	0	0	0	0	0	0	0	
Barry	29.4	1,412	469	33.2	9.2	0.9	38	4	0	0	0	4	1	0	0	0	1	
Bay	37.1	2,443	919	37.6	9.6	0.9	77	6	1	1	0	8	2	1	0	0	3	
Benzie	27.3	403	101	25.0	4.0	1.0	3	1	0	0	0	1	0	0	0	0	0	
Berrien	32.7	4,185	1,510	36.1	14.1	1.9	171	22	4	3	0	29	9	2	2	0	13	
Branch	36.5	1,173	284	24.2	12.7	0.0	34	0	0	0	0	0	2	0	0	0	2	
Calhoun	36.4	3,679	1,837	49.9	10.1	0.9	166	9	4	3	0	16	3	0	0	0	3	
Cass	30.4	1,063	385	36.2	15.8	0.5	57	1	0	1	0	2	2	0	0	0	2	
Charlevoix	25.7	560	185	33.0	4.9	0.5	8	1	0	0	0	1	0	0	0	0	0	
Cheboygan	21.7	528	211	39.9	4.7	0.0	10	0	0	0	0	0	0	0	0	0	0	
Chippewa	28.4	725	276	38.1	3.3	0.7	6	1	1	0	0	2	1	0	0	0	1	
Clare	13.1	649	279	43.0	7.9	0.0	21	0	0	0	0	0	0	1	0	0	1	
Clinton	28.7	1,680	431	25.7	5.3	0.9	19	2	1	1	0	4	0	0	0	0	0	
Crawford	19.6	265	70	26.4	7.1	0.0	5	0	0	0	0	0	0	0	0	0	0	
Delta	37.7	781	330	42.2	6.4	0.3	19	1	0	0	0	1	1	0	0	0	1	
Dickinson	41.6	553	266	48.1	1.5	0.4	3	1	0	0	0	1	0	0	0	0	0	
Eaton	23.4	2,389	858	35.9	5.6	0.4	42	2	1	0	0	3	2	1	0	0	3	
Emmet	27.7	721	172	23.9	5.8	0.0	10	0	0	0	0	0	0	0	0	0	0	
Genesee	22.8	11,911	3,919	32.9	6.7	0.5	240	12	2	6	0	20	3	0	0	0	3	
Gladwin	13.7	524	193	36.8	5.7	0.0	11	0	0	0	0	0	0	0	0	0	0	
Gogebic	54.1	258	168	65.1	3.6	0.0	6	0	0	0	0	0	0	0	0	0	0	
Grand Traverse	17.8	1,984	402	20.3	4.0	0.0	15	0	0	0	0	0	0	0	1	0	1	
Gratiot	39.8	964	319	33.1	9.1	0.6	27	0	2	0	0	2	0	0	0	0	0	
Hillsdale	39.0	1,130	358	31.7	12.3	1.1	40	3	0	1	0	4	0	0	0	0	0	
Houghton	54.8	761	370	48.6	4.3	0.3	15	0	0	1	0	1	0	0	0	0	0	
Huron	33.5	648	291	44.9	8.2	0.3	22	0	1	0	0	1	1	0	0	0	1	
Ingham	25.9	7,025	2,978	42.4	8.6	0.6	231	9	4	5	0	18	6	1	0	0	7	
Ionia	37.9	1,647	471	28.6	8.5	1.3	31	4	1	0	1	6	3	0	0	0	3	
Iosco	19.8	464	228	49.2	4.8	0.0	10	0	0	0	0	0	0	0	1	0	1	
Iron	44.5	199	103	51.8	6.8	0.0	7	0	0	0	0	0	0	0	0	0	0	
Isabella	19.2	1,410	424	30.1	2.4	0.0	10	0	0	0	0	0	0	0	0	0	0	
Jackson	35.7	4,199	1,573	37.5	14.9	1.0	202	7	8	0	1	16	5	4	7	0	16	
Kalamazoo	24.6	6,222	2,706	43.5	10.6	0.7	251	11	3	4	0	18	14	5	0	0	19	
Kalkaska	15.2	451	118	26.2	3.4	0.0	4	0	0	0	0	0	0	0	0	0	0	
Kent	26.8	18,594	6,541	35.2	11.5	1.3	633	49	15	17	1	82	33	6	1	0	40	
Keweenaw	54.9	38	18	46.9	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	
Lake	15.1	230	62	27.0	8.1	1.6	4	1	0	0	0	1	0	0	0	0	0	
Lapeer	22.2	2,037	513	25.2	7.4	0.4	33	1	0	1	0	2	2	0	1	0	3	

Childhood Lead Poisoning Data Facts
All Counties in Michigan -- Calendar Year 2008 -- Children One and Two Years of Age

County	%Pre-1950 Housing*	Children Age 1 & 2**	Children Age 1 & 2, Tested for Lead during 2008				% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)**	Children with Low-Level Exposure 5 to 9 ug/dL (capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels (EBLL)					Children with Elevated Capillary Tests, Not Confirmed by Venous				
			Number of Children Tested	% Tested	10-14 ug/dL (venous only)	15-19 ug/dL (venous only)				20-44 ug/dL (venous only)	>45 ug/dL (venous only)	Total EBLL (>= 10 ug/dL)	Capillary 10-14, not confirmed by venous	Capillary 15-19, not confirmed by venous	Capillary 20-44, not confirmed by venous	Capillary >= 45, not confirmed by venous	Total Elevated Capillary, not confirmed by venous		
Leelanau	22.0	388	89	22.9	7.9	0.0	6	0	0	0	0	0	1	0	0	0	1		
Lenawee	38.6	2,469	1,093	44.3	14.6	0.3	150	2	0	1	0	3	5	0	2	0	7		
Livingston	13.7	4,172	663	15.9	2.4	0.0	16	0	0	0	0	0	0	0	0	0	0		
Luce	30.0	119	72	60.4	9.7	0.0	7	0	0	0	0	0	0	0	0	0	0		
Mackinac	28.1	182	104	57.3	8.7	0.0	8	0	0	0	0	0	1	0	0	0	1		
Macomb	10.9	20,065	5,269	26.3	3.2	0.3	148	9	4	2	0	15	5	0	3	0	8		
Manistee	35.9	501	195	38.9	13.3	0.5	23	1	0	0	0	1	2	0	0	0	2		
Marquette	32.6	1,217	421	34.6	5.5	0.0	23	0	0	0	0	0	0	0	0	0	0		
Mason	31.1	632	234	37.0	8.5	0.4	17	1	0	0	0	1	1	1	0	0	2		
Mecosta	22.0	884	287	32.5	6.3	0.7	16	0	1	1	0	2	0	0	0	0	0		
Menominee	38.4	475	200	42.1	8.0	1.0	14	1	0	0	1	2	0	0	0	0	0		
Midland	16.9	1,832	398	21.7	5.0	0.0	20	0	0	0	0	0	0	0	0	0	0		
Missaukee	20.6	332	79	23.8	3.8	0.0	3	0	0	0	0	0	0	0	0	0	0		
Monroe	28.3	3,553	1,325	37.3	5.9	0.3	73	2	2	0	0	4	0	1	0	0	1		
Montcalm	28.1	1,636	492	30.1	6.5	0.6	29	1	1	1	0	3	0	0	0	0	0		
Montmorency	18.4	166	71	42.7	5.6	0.0	4	0	0	0	0	0	0	0	0	0	0		
Muskegon	29.8	4,700	2,039	43.4	10.4	1.2	180	15	8	2	0	25	5	3	0	0	8		
Newaygo	22.7	1,248	417	33.4	6.7	0.5	26	2	0	0	0	2	0	0	0	0	0		
Oakland	15.9	29,035	7,653	26.4	3.9	0.3	276	9	7	5	0	21	4	1	0	0	5		
Oceana	26.8	799	295	36.9	6.8	0.0	19	0	0	0	0	0	1	0	0	0	1		
Ogemaw	18.3	425	243	57.2	7.8	0.4	17	0	0	1	0	1	1	0	0	0	1		
Ontonagon	43.4	89	60	67.6	1.7	0.0	1	0	0	0	0	0	0	0	0	0	0		
Osceola	24.2	590	135	22.9	5.2	0.0	7	0	0	0	0	0	0	0	0	0	0		
Oscoda	18.3	169	84	49.8	1.2	0.0	1	0	0	0	0	0	0	0	0	0	0		
Otsego	12.6	558	165	29.6	3.0	0.0	5	0	0	0	0	0	0	0	0	0	0		
Ottawa	18.0	7,107	1,749	24.6	6.3	0.5	98	3	3	2	0	8	3	1	0	0	4		
Presque Isle	27.6	244	85	34.8	14.1	0.0	11	0	0	0	0	0	0	0	1	0	1		
Roscommon	16.1	431	203	47.1	3.4	0.5	6	0	1	0	0	1	0	0	0	0	0		
Saginaw	29.3	5,085	2,168	42.6	13.1	1.0	250	12	7	2	0	21	12	1	0	0	13		
St Clair	29.6	4,076	1,193	29.3	11.5	0.3	124	2	1	0	0	3	8	0	2	0	10		
St Joseph	34.8	1,865	610	32.7	11.1	1.2	59	4	3	0	0	7	2	0	0	0	2		
Sanilac	34.7	1,054	399	37.9	7.8	0.0	31	0	0	0	0	0	0	0	0	0	0		
Schoolcraft	33.1	142	95	67.1	6.3	0.0	6	0	0	0	0	0	0	0	0	0	0		
Shiawassee	35.9	1,674	656	39.2	6.1	0.2	37	0	0	1	0	1	2	0	0	0	2		
Tuscola	32.8	1,295	542	41.9	5.7	0.0	31	0	0	0	0	0	0	0	0	0	0		
Van Buren	29.4	2,092	869	41.5	8.3	0.6	63	1	1	3	0	5	4	0	0	0	4		
Washtenaw	19.3	8,393	1,374	16.4	1.8	0.3	20	3	1	0	0	4	1	0	0	0	1		
Wayne ex Det	24.0	28,664	10,016	34.9	6.2	0.6	537	38	15	8	1	62	14	5	3	0	22		
Wexford	26.2	815	204	25.0	3.4	0.0	6	0	0	0	0	0	0	0	1	0	1		
Detroit, City of	56.0	25,288	14,301	56.6	22.4	3.8	2,550	315	113	102	12	542	72	16	19	0	107		
MICHIGAN	27.0	253,207	88,649	35.0	10.0	1.1	7,510	575	216	176	17	984	241	51	45	0	337		

Sources: Pre-1950 Housing calculated from U.S. Bureau, Census 2000; County and state populations from U.S. Census Bureau, 2007 Population Estimates; Detroit population from U.S. Census Bureau, 2007 American Community Survey; Children Tested and EBLL from Michigan Department of Community Health, Data Warehouse

Note: %EBLL is calculated as follows: Total EBLL divided by (Number of Children Tested minus Total Elevated Capillary, not confirmed by venous)

Childhood Lead Poisoning Data Facts
All Counties in Michigan
CY 2008

Blood Lead Testing Among Children who are Insured by Medicaid

Children age 1 & 2 years, Insured by Medicaid

Children age < 6 years, Insured by Medicaid

County	Children age 1 & 2 years, Insured by Medicaid					Children age < 6 years, Insured by Medicaid				
	# of Children, age 1-2 yrs, Insured by Medicaid during 2008	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL	# of Children, age <6 yrs, Insured by Medicaid during 2008	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL
Alcona	95	72	75.8	1	1.4	242	93	38.4	1	1.1
Alger	96	64	66.7	0	0.0	261	80	30.7	0	0.0
Allegan	1,587	645	40.6	5	0.8	4,376	1054	24.1	6	0.6
Alpena	390	210	53.8	1	0.5	1,085	295	27.2	1	0.3
Antrim	324	125	38.6	0	0.0	948	200	21.1	0	0.0
Arenac	209	109	52.2	0	0.0	621	150	24.2	0	0.0
Baraga	114	71	62.3	0	0.0	325	111	34.2	0	0.0
Barry	656	321	48.9	3	0.9	1,956	497	25.4	3	0.6
Bay	1,413	648	45.9	7	1.1	4,032	954	23.7	9	0.9
Benzie	226	83	36.7	1	1.2	642	126	19.6	2	1.6
Berrien	2,663	1285	48.3	27	2.1	7,533	2087	27.7	35	1.7
Branch	729	216	29.6	0	0.0	2,091	387	18.5	0	0.0
Calhoun	2,280	1130	49.6	15	1.3	6,655	1744	26.2	27	1.5
Cass	763	324	42.5	2	0.6	2,185	459	21.0	3	0.7
Charlevoix	289	160	55.4	1	0.6	792	214	27.0	2	0.9
Cheboygan	370	200	54.1	0	0.0	1,084	281	25.9	0	0.0
Chippewa	508	224	44.1	1	0.4	1,389	348	25.1	2	0.6
Clare	481	233	48.4	0	0.0	1,349	321	23.8	0	0.0
Clinton	556	288	51.8	2	0.7	1,605	435	27.1	2	0.5
Crawford	171	54	31.6	0	0.0	503	78	15.5	0	0.0
Delta	449	297	66.1	1	0.3	1,346	373	27.7	1	0.3
Dickinson	328	213	64.9	1	0.5	950	273	28.7	1	0.4
Eaton	1,048	626	59.7	1	0.2	3,098	909	29.3	2	0.2
Emmet	435	154	35.4	0	0.0	1,322	210	15.9	0	0.0
Genesee	7,297	2804	38.4	18	0.6	20,903	4,563	21.8	39	0.9
Gladwin	351	177	50.4	0	0.0	950	235	24.7	0	0.0
Gogebic	201	112	55.7	0	0.0	575	151	26.3	1	0.7
Grand Traverse	1,032	268	26.0	0	0.0	3,037	506	16.7	0	0.0
Gratiot	600	245	40.8	1	0.4	1,751	382	21.8	1	0.3
Hillsdale	660	284	43.0	3	1.1	1,972	525	26.6	5	1.0
Houghton	438	239	54.6	1	0.4	1,230	329	26.7	1	0.3
Huron	398	250	62.8	1	0.4	1,162	457	39.3	1	0.2
Ingham	3,775	2240	59.3	16	0.7	10,678	3863	36.2	23	0.6
Ionia	855	362	42.3	5	1.4	2,518	507	20.1	5	1.0
Iosco	333	192	57.7	0	0.0	1,000	266	26.6	0	0.0
Iron	135	88	65.2	0	0.0	419	178	42.5	0	0.0
Isabella	777	299	38.5	0	0.0	2,138	490	22.9	1	0.2
Jackson	2,284	1140	49.9	13	1.1	6,682	1828	27.4	17	0.9
Kalamazoo	3,220	1752	54.4	15	0.9	9,208	2887	31.4	30	1.0
Kalkaska	305	94	30.8	0	0.0	883	152	17.2	0	0.0
Kent	9,519	4,936	51.9	75	1.5	26,927	6,507	24.2	109	1.7
Keweenaw	19	11	57.9	0	0.0	56	15	26.8	0	0.0
Lake	176	52	29.5	0	0.0	487	77	15.8	0	0.0
Lapeer	936	373	39.9	1	0.3	2,852	524	18.4	1	0.2

Childhood Lead Poisoning Data Facts

All Counties in Michigan

CY 2008

Blood Lead Testing Among Children who are Insured by Medicaid

Children age 1 & 2 years, Insured by Medicaid

Children age < 6 years, Insured by Medicaid

County	Children age 1 & 2 years, Insured by Medicaid					Children age < 6 years, Insured by Medicaid				
	# of Children, age 1-2 yrs, Insured by Medicaid during 2008	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL	# of Children, age <6 yrs, Insured by Medicaid during 2008	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL
Leelanau	120	52	43.3	0	0.0	356	102	28.7	0	0.0
Lenawee	1,350	819	60.7	3	0.4	3,714	1347	36.3	4	0.3
Livingston	1,058	450	42.5	0	0.0	3,117	684	21.9	0	0.0
Luce	87	68	78.2	0	0.0	259	81	31.3	0	0.0
Mackinac	102	91	89.2	0	0.0	317	104	32.8	0	0.0
Macomb	8,268	3121	37.7	13	0.4	23,579	5,552	23.5	15	0.3
Manistee	285	169	59.3	1	0.6	863	246	28.5	3	1.2
Marquette	655	332	50.7	0	0.0	1,918	456	23.8	0	0.0
Mason	448	193	43.1	1	0.5	1,184	315	26.6	2	0.6
Mecosta	612	201	32.8	2	1.0	1,677	288	17.2	5	1.7
Menominee	253	150	59.3	2	1.3	735	181	24.6	2	1.1
Midland	842	299	35.5	0	0.0	2,469	535	21.7	0	0.0
Missaukee	181	75	41.4	0	0.0	539	120	22.3	0	0.0
Monroe	1,547	764	49.4	2	0.3	4,421	1010	22.8	3	0.3
Montcalm	938	353	37.6	3	0.8	2,830	613	21.7	3	0.5
Montmorency	108	61	56.5	0	0.0	327	82	25.1	0	0.0
Muskegon	3,117	1459	46.8	25	1.7	8,823	2660	30.1	45	1.7
Newaygo	756	279	36.9	1	0.4	2,169	417	19.2	1	0.2
Oakland	8,871	4426	49.9	17	0.4	25,183	7,894	31.3	32	0.4
Oceana	653	238	36.4	0	0.0	1,768	428	24.2	1	0.2
Ogemaw	303	193	63.7	1	0.5	901	270	30.0	1	0.4
Ontonagon	77	42	54.5	0	0.0	192	49	25.5	0	0.0
Osceola	314	99	31.5	0	0.0	905	147	16.2	0	0.0
Oscoda	102	76	74.5	0	0.0	325	99	30.5	0	0.0
Otsego	371	147	39.6	0	0.0	1,080	255	23.6	0	0.0
Ottawa	2,759	1039	37.7	8	0.8	7,738	1525	19.7	11	0.7
Presque Isle	116	67	57.8	0	0.0	363	92	25.3	0	0.0
Roscommon	306	172	56.2	1	0.6	938	272	29.0	1	0.4
Saginaw	3,123	1717	55.0	19	1.1	9,092	2591	28.5	35	1.4
St Clair	2,162	925	42.8	2	0.2	6,184	1574	25.5	4	0.3
St Joseph	1,185	427	36.0	7	1.6	3,548	744	21.0	9	1.2
Sanilac	577	339	58.8	0	0.0	1,746	590	33.8	0	0.0
Schoolcraft	113	85	75.2	0	0.0	328	106	32.3	0	0.0
Shiawassee	965	516	53.5	1	0.2	2,728	758	27.8	1	0.1
Tuscola	746	403	54.0	0	0.0	2,221	658	29.6	0	0.0
Van Buren	1,375	643	46.8	3	0.5	4,002	1058	26.4	5	0.5
Washtenaw	2,929	808	27.6	2	0.2	8,112	1431	17.6	2	0.1
Wayne ex Det	13,795	6,011	43.6	51	0.8	40,029	11,102	27.7	91	0.8
Wexford	660	176	26.7	0	0.0	1,816	275	15.1	1	0.4
Detroit, City of	19,676	11,455	58.2	473	4.1	57,607	25,417	44.1	871	3.4
MICHIGAN	131,396	62,610	47.6	856	1.4	377,921	108,249	28.6	1,479	1.4

*EBLL: elevated blood lead level--i.e., ≥ 10 µ/dL

Source: MDCH Data Warehouse

February 26, 2009

Childhood Lead Poisoning Data Facts - Calendar Year 2008

Blood Lead Testing Among Children Who Should Be Tested

in accordance with the Statewide Screening/Testing Plan (Medicaid, WIC or Target Community)

County	Population of Children Who Should be Tested*	Children who were tested in 2008	% Tested	Children with confirmed Elevated Blood Lead Levels	% EBLL
Alcona	108	82	75.9	1	1.2
Alger	112	68	60.7	0	0.0
Allegan	1,810	682	37.7	5	0.7
Alpena	436	216	49.5	1	0.5
Antrim	364	133	36.5	0	0.0
Arenac	255	123	48.2	0	0.0
Baraga	136	78	57.4	0	0.0
Barry	766	354	46.2	3	0.8
Bay	1,573	689	43.8	7	1.0
Benzie	253	87	34.4	1	1.1
Berrien	2,979	1,339	44.9	27	2.0
Branch	827	223	27.0	0	0.0
Calhoun	2,948	1,514	51.4	15	1.0
Cass	849	335	39.5	2	0.6
Charlevoix	329	164	49.8	1	0.6
Cheboygan	394	202	51.3	0	0.0
Chippewa	588	238	40.5	1	0.4
Clare	537	240	44.7	0	0.0
Clinton	620	302	48.7	2	0.7
Crawford	195	57	29.2	0	0.0
Delta	526	306	58.2	1	0.3
Dickinson	379	227	59.9	1	0.4
Eaton	1,173	692	59.0	1	0.1
Emmet	491	156	31.8	0	0.0
Genesee	8,212	3,090	37.6	19	0.6
Gladwin	376	180	47.9	0	0.0
Gogebic	222	116	52.3	0	0.0
Grand Traverse	1,177	279	23.7	0	0.0
Gratiot	663	255	38.5	1	0.4
Hillsdale	751	301	40.1	4	1.3
Houghton	510	253	49.6	1	0.4
Huron	467	259	55.5	1	0.4
Ingham	5,257	2,697	51.3	18	0.7
Ionia	979	375	38.3	6	1.6
Iosco	374	206	55.1	0	0.0
Iron	147	90	61.2	0	0.0
Isabella	878	313	35.6	0	0.0
Jackson	2,774	1,304	47.0	14	1.1
Kalamazoo	4,042	2,038	50.4	17	0.8
Kalkaska	328	96	29.3	0	0.0
Kent	12,747	5,713	44.8	80	1.4
Keweenaw	19	12	63.2	0	0.0
Lake	191	55	28.8	1	1.8
Lapeer	1,045	396	37.9	2	0.5
Leelanau	141	56	39.7	0	0.0
Lenawee	1,505	903	60.0	3	0.3
Livingston	1,188	479	40.3	0	0.0
Luce	93	69	74.2	0	0.0
Mackinac	131	101	77.1	0	0.0
Macomb	9,351	3,334	35.7	14	0.4
Manistee	315	171	54.3	1	0.6
Marquette	765	351	45.9	0	0.0
Mason	493	200	40.6	1	0.5
Mecosta	686	215	31.3	2	0.9

Childhood Lead Poisoning Data Facts - Calendar Year 2008

Blood Lead Testing Among Children Who Should Be Tested

in accordance with the Statewide Screening/Testing Plan (Medicaid, WIC or Target Community)

County	Population of Children Who Should be Tested*	Children who were tested in 2008	% Tested	Children with confirmed Elevated Blood Lead Levels	% EBLL
Menominee	327	168	51.4	2	1.2
Midland	937	322	34.4	0	0.0
Missaukee	205	76	37.1	0	0.0
Monroe	1,803	840	46.6	3	0.4
Montcalm	1,070	372	34.8	3	0.8
Montmorency	130	64	49.2	0	0.0
Muskegon	3,686	1,652	44.8	25	1.5
Newaygo	901	303	33.6	1	0.3
Oakland	10,430	4,967	47.6	17	0.3
Oceana	716	246	34.4	0	0.0
Ogemaw	343	217	63.3	1	0.5
Ontonagon	88	46	52.3	0	0.0
Osceola	375	104	27.7	0	0.0
Oscoda	105	80	76.2	0	0.0
Otsego	411	148	36.0	0	0.0
Ottawa	3,362	1,123	33.4	8	0.7
Presque Isle	135	70	51.9	0	0.0
Roscommon	331	179	54.1	1	0.6
Saginaw	3,606	1,966	54.5	19	1.0
St Clair	2,354	953	40.5	3	0.3
St Joseph	1,324	456	34.4	7	1.5
Sanilac	643	348	54.1	0	0.0
Schoolcraft	127	87	68.5	0	0.0
Shiawassee	1,055	526	49.9	1	0.2
Tuscola	833	439	52.7	0	0.0
Van Buren	1,659	682	41.1	4	0.6
Washtenaw	3,384	863	25.5	2	0.2
Wayne ex Det	16,623	7,232	43.5	63	0.9
Wexford	720	179	24.9	0	0.0
Detroit, City of	25,288	14,301	56.6	542	3.8
Totals by Category					
Children Who Should Be Tested* (portion of All Children)	157,446 0.62	71,423 0.81	45.4	956 0.97	1.3
Children Who Should Not Be Tested (portion of All Children)	95,761 0.38	17,226 0.19	18.0	28 0.03	0.2
Children Insured by Medicaid (portion of All Children)	131,396 0.52	62,610 0.71	47.6	856 0.87	1.4
Children Participating in WIC (portion of All Children)	109,698 0.43	56,986 0.64	51.9	738 0.75	1.3
All Children living in Target Communities (portion of All Children)	56,065 0.22	29,559 0.33	52.7	791 0.80	2.7
All Children	253,207	88,649	35.0	984	1.1

**Children who should be tested" defined as 1 & 2 year olds who are insured by Medicaid or are enrolled in WIC or live in one of the 14 Target Communities in Michigan (Battle Creek, Benton Harbor, Dearborn, Detroit, Flint, Grand Rapids, Hamtramck, Highland Park, Jackson, Kalamazoo, Lansing, Muskegon/Muskegon Heights, Pontiac, Saginaw)

Childhood Lead Poisoning Data Facts
Fourteen Target Communities in Michigan
Calendar Year 2008
Children less than Six Years of Age

Target Community	%Pre-1950 Housing	%Pre-1978 Housing	Children < Age 6	Children < Age 6, Tested for Lead during 2008		% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)	Children with Low-Level Exposure 5 to 9 ug/dL (capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels (venous only)					Total EBLL (≥ 10 µg/dL)	Children with Elevated Capillary Tests, Not Confirmed by Venous				Total Elevated Capillary, not confirmed by venous
				Number of Children Tested	% Tested				10-14 ug/dL	15-19 ug/dL	20-44 ug/dL	≥45 ug/dL	Capillary 10-14		Capillary 15-19	Capillary 20-44	Capillary >= 45		
Battle Creek	42.3	83.2	4,709	1,323	28.1	12.3	1.0	148	8	4	2	0	14	2	0	0	0	2	
Benton Harbor	47.8	88.8	1,297	529	40.8	26.8	4.4	109	14	7	2	0	23	6	2	2	0	10	
Dearborn	49.5	87.8	9,784	3,219	32.9	6.2	0.7	173	15	5	2	0	22	4	1	0	0	5	
Detroit	56.0	95.2	78,154	32,105	41.1	19.7	3.1	5,125	611	197	155	18	981	150	37	33	0	220	
Flint	40.9	93.7	11,597	2,372	20.5	11.8	1.4	242	21	5	7	0	33	4	0	0	0	4	
Grand Rapids	48.9	84.9	20,605	4,296	20.9	19.0	2.4	673	62	20	21	1	104	32	8	1	0	41	
Hamtramck	75.8	95.7	2,274	1,163	51.1	23.7	1.7	241	9	6	4	0	19	9	3	4	0	16	
Highland Park	62.4	89.8	1,080	507	46.9	36.3	8.2	137	29	6	5	1	41	4	1	1	0	6	
Jackson	65.9	92.6	3,651	963	26.4	22.0	1.2	182	6	4	0	1	11	7	5	7	0	19	
Kalamazoo	40.0	81.5	5,829	1,659	28.5	19.1	1.7	265	15	5	8	0	28	18	6	0	0	24	
Lansing	35.8	85.1	11,125	3,330	29.9	9.6	0.5	292	8	7	3	0	18	7	3	1	0	11	
Muskegon/MuskHts	52.1	90.4	5,188	1,593	30.7	20.4	2.6	271	29	8	4	0	41	10	3	0	0	13	
Pontiac	35.2	84.3	7,161	2,225	31.1	7.2	0.8	144	8	4	5	0	17	0	0	0	0	0	
Saginaw	54.4	95.4	5,715	1,697	29.7	18.4	2.0	266	18	8	7	0	33	11	3	0	0	14	
Subtotal	51.1	91.5	168,169	56,980	33.9	17.6	2.4	8,268	852	286	225	21	1,384	264	72	49	0	384	
Michigan	27.0	71.3	764,176	153,248	20.1	9.8	1.1	12,778	1,024	362	277	23	1,686	405	96	76	0	577	

Sources:

Pre-1950 Housing and Pre-1978 Housing calculated from U.S. Bureau, Census 2000

Target Community populations from MDCH Data Warehouse birth records, adjusted slightly based on "Estimated Population of Michigan Cities, Villages, Townships, and Remainders of Townships, 2000-2007"

Children Tested and EBLL from Michigan Department of Community Health, Data Warehouse

Note: %EBLL is calculated as follows: Total EBLL divided by (Number of Children Tested minus Total Elevated Capillary, not confirmed by venous)

March 4, 2009

**Childhood Lead Poisoning Data Facts
Fourteen Target Communities in Michigan
Calendar Year 2008
Children One and Two Years of Age**

Target Community	%Pre-1950 Housing	%Pre-1978 Housing	Children Age 1 & 2	Children Age 1 & 2, Tested for Lead during 2008		% with BLL >= 5 ug/dL	% EBLL (>= 10 ug/dL venous only)	Children with Low-Level Exposure 5 to 9 ug/dL (capillary, venous or unknown)	Children with Confirmed Elevated Blood Lead Levels (venous only)					Total EBLL (≥ 10 µg/dL)	Children with Elevated Capillary Tests, Not Confirmed by Venous				Total Elevated Capillary, not confirmed by venous
				Number of Children Tested	% Tested				10-14 ug/dL	15-19 ug/dL	20-44 ug/dL	≥45 ug/dL	Capillary 10-14		Capillary 15-19	Capillary 20-44	Capillary >= 45		
Battle Creek	42.3	83.2	1,623	935	57.6	11.1	0.9	95	3	3	2	0	8	1	0	0	0	1	
Benton Harbor	47.8	88.8	446	262	58.8	32.9	7.0	62	12	4	2	0	18	4	0	2	0	6	
Dearborn	49.5	87.8	3,357	1,771	52.8	7.1	0.8	108	7	5	2	0	14	3	1	0	0	4	
Detroit	56.0	95.2	25,288	14,301	56.6	22.4	3.8	2,550	315	113	102	12	542	72	16	19	0	107	
Flint	40.9	93.7	3,885	1,473	37.9	11.1	1.1	145	8	2	6	0	16	3	0	0	0	3	
Grand Rapids	48.9	84.9	6,989	3,169	45.3	19.0	2.3	498	43	14	15	1	73	26	5	1	0	32	
Hamtramck	75.8	95.7	862	610	70.8	24.9	1.8	130	6	2	3	0	11	6	3	2	0	11	
Highland Park	62.4	89.8	361	218	60.4	39.4	10.2	62	15	3	3	1	22	0	1	1	0	2	
Jackson	65.9	92.6	1,330	612	46.0	24.0	1.5	126	5	3	0	1	9	4	4	4	0	12	
Kalamazoo	40.0	81.5	2,030	975	48.0	18.2	1.6	149	10	2	4	0	16	9	4	0	0	13	
Lansing	35.8	85.1	3,723	1,943	52.2	10.2	0.7	180	6	4	3	0	13	5	1	0	0	6	
Muskegon/MuskHts	52.1	90.4	1,828	874	47.8	19.7	2.7	141	14	8	1	0	23	5	3	0	0	8	
Pontiac	35.2	84.3	2,427	1,309	53.9	7.8	0.7	93	3	3	3	0	9	0	0	0	0	0	
Saginaw	54.4	95.4	1,935	1,106	57.2	19.3	1.6	185	10	6	2	0	18	9	1	0	0	10	
Subtotal	51.1	91.5	56,084	29,559	52.7	18.7	2.7	4,525	457	172	148	15	791	147	39	29	0	214	
Michigan	27.0	71.3	253,207	88,649	35.0	10.0	1.1	7,510	575	216	176	17	984	241	51	45	0	337	

Sources:

Pre-1950 Housing and Pre-1978 Housing calculated from U.S. Bureau, Census 2000

Target Community populations from MDCH Data Warehouse birth records, adjusted slightly based on "Estimated Population of Michigan Cities, Villages, Townships, and Remainders of Townships, 2000-2007"

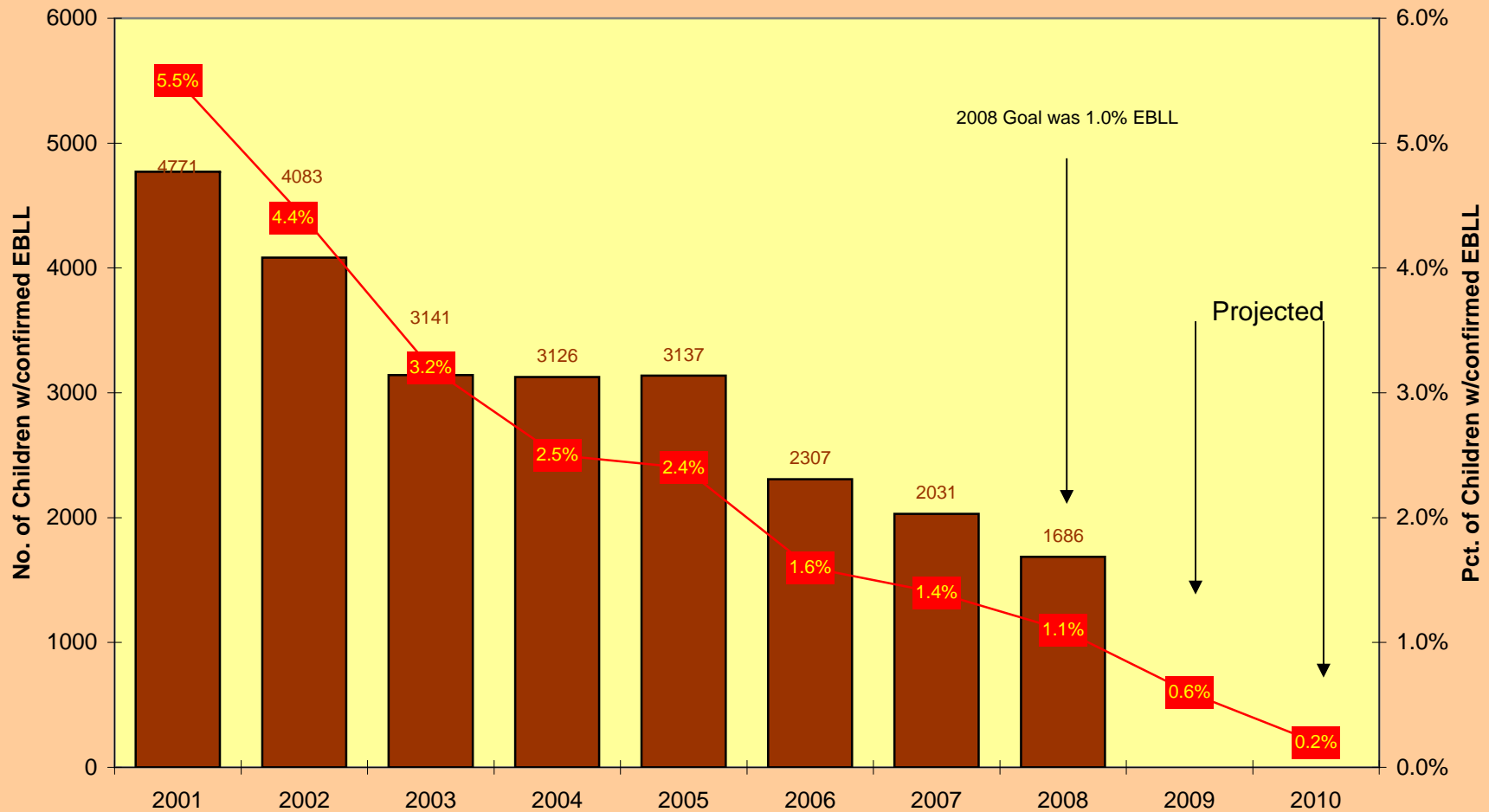
Children Tested and EBLL from Michigan Department of Community Health, Data Warehouse

Note: %EBLL is calculated as follows: Total EBLL divided by (Number of Children Tested minus Total Elevated Capillary, not confirmed by venous)

March 4, 2009

Childhood Lead Poisoning in Michigan

Progress toward Elimination of Elevated Blood Lead Levels (EBLL) among Children less than Six Years of Age



Year	2001	2002	2003	2004	2005	2006	2007	2008
Children Tested:	87,875	92,767	100,181	125,417	132,913	141,011	149,449	153,248