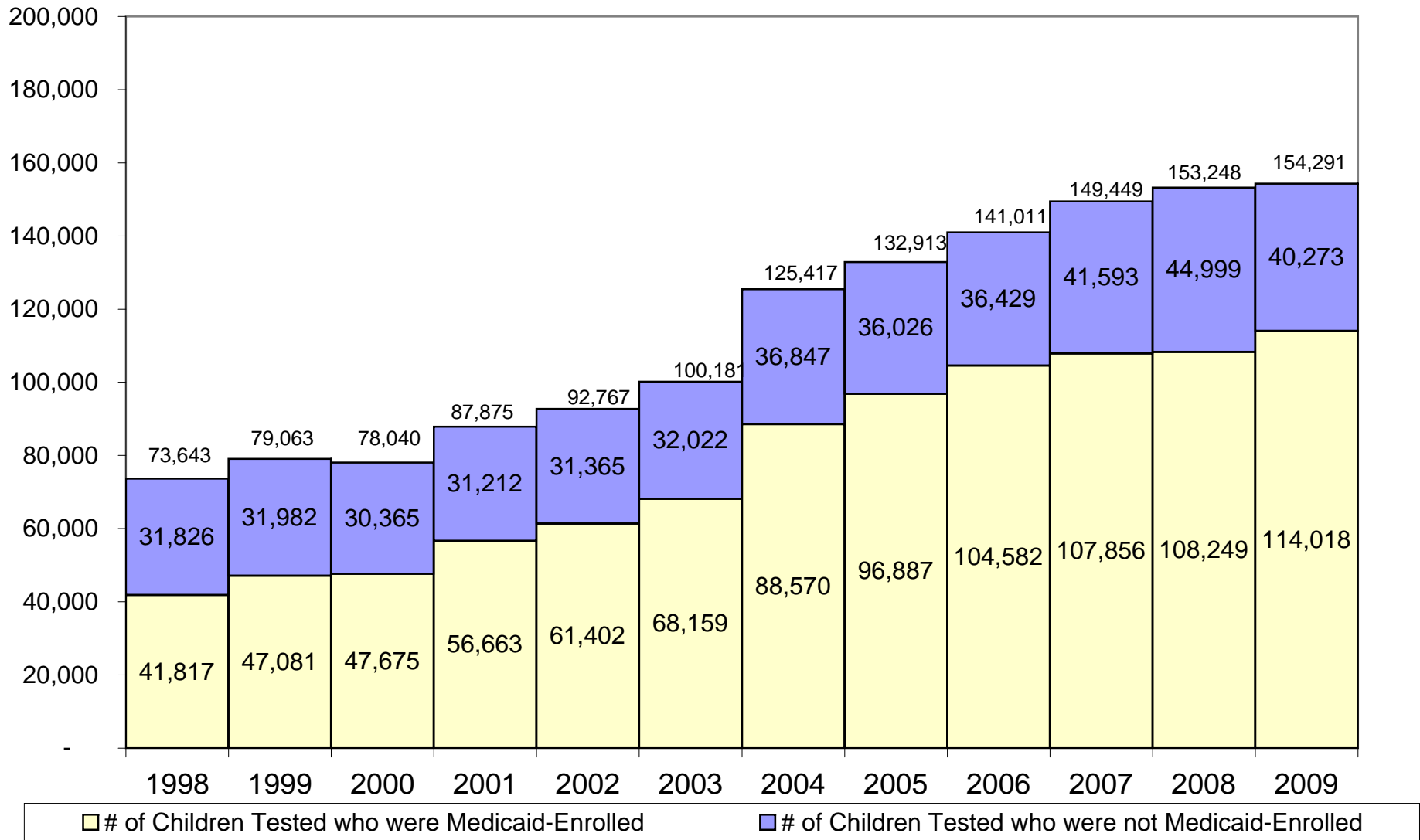


Michigan Department of Community Health  
Childhood Lead Poisoning Prevention Program

2009 Data Report  
on Blood Lead Testing and Elevated Levels

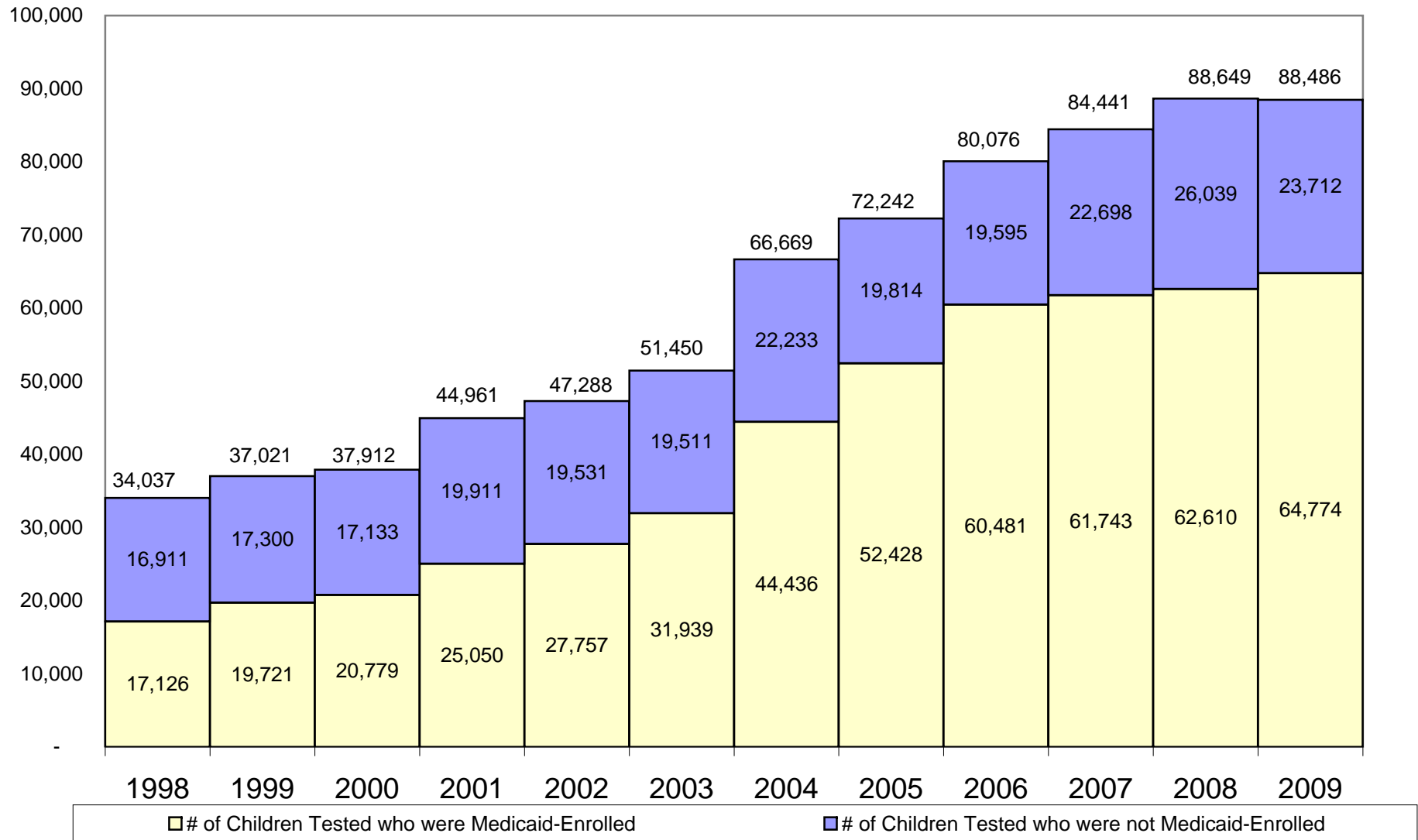
# Blood Lead Testing in Michigan, 1998 - 2009

## Children less than Six Years of Age

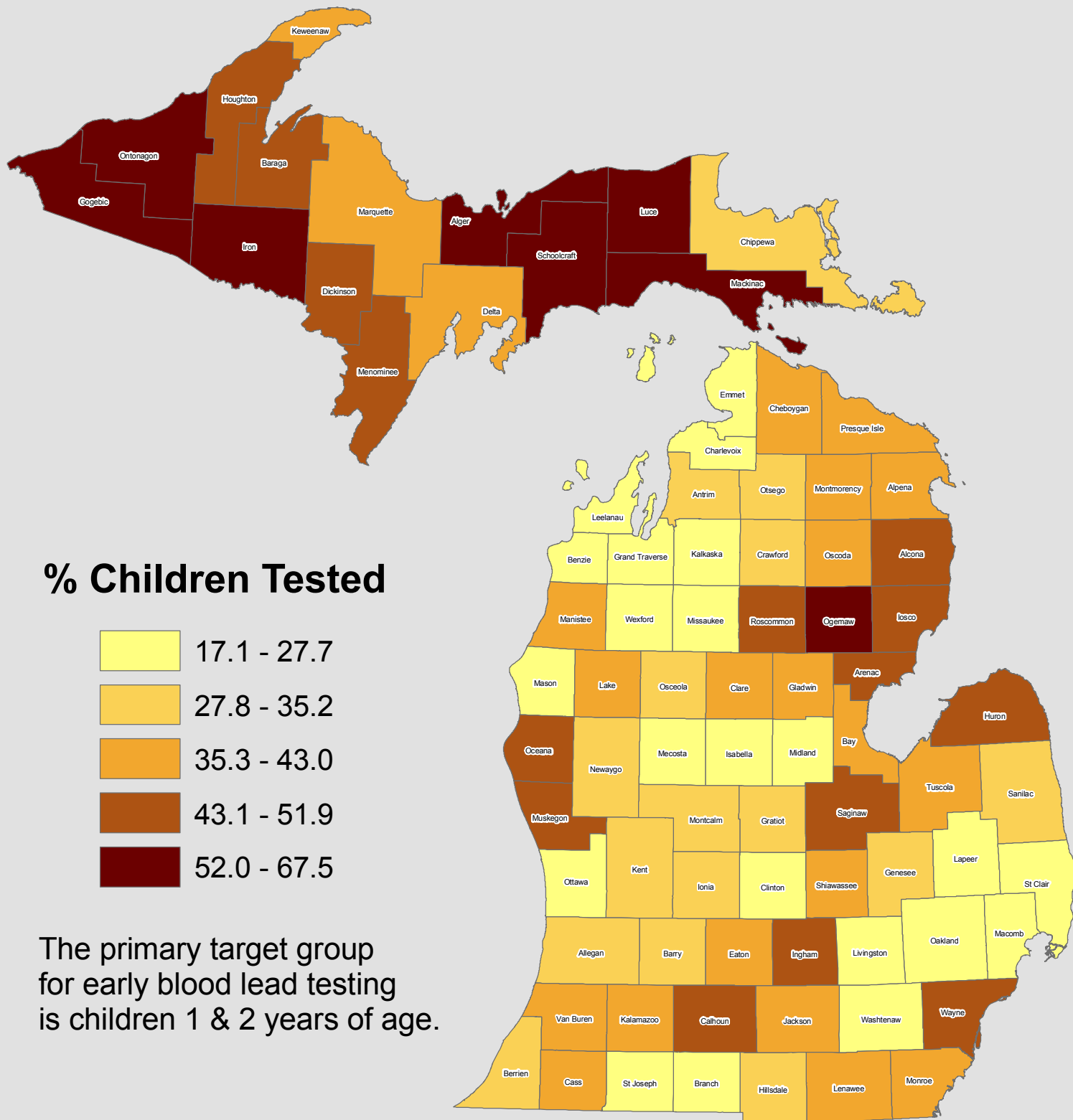


# Blood Lead Testing in Michigan, 1998 - 2009

## Children One and Two Years of Age

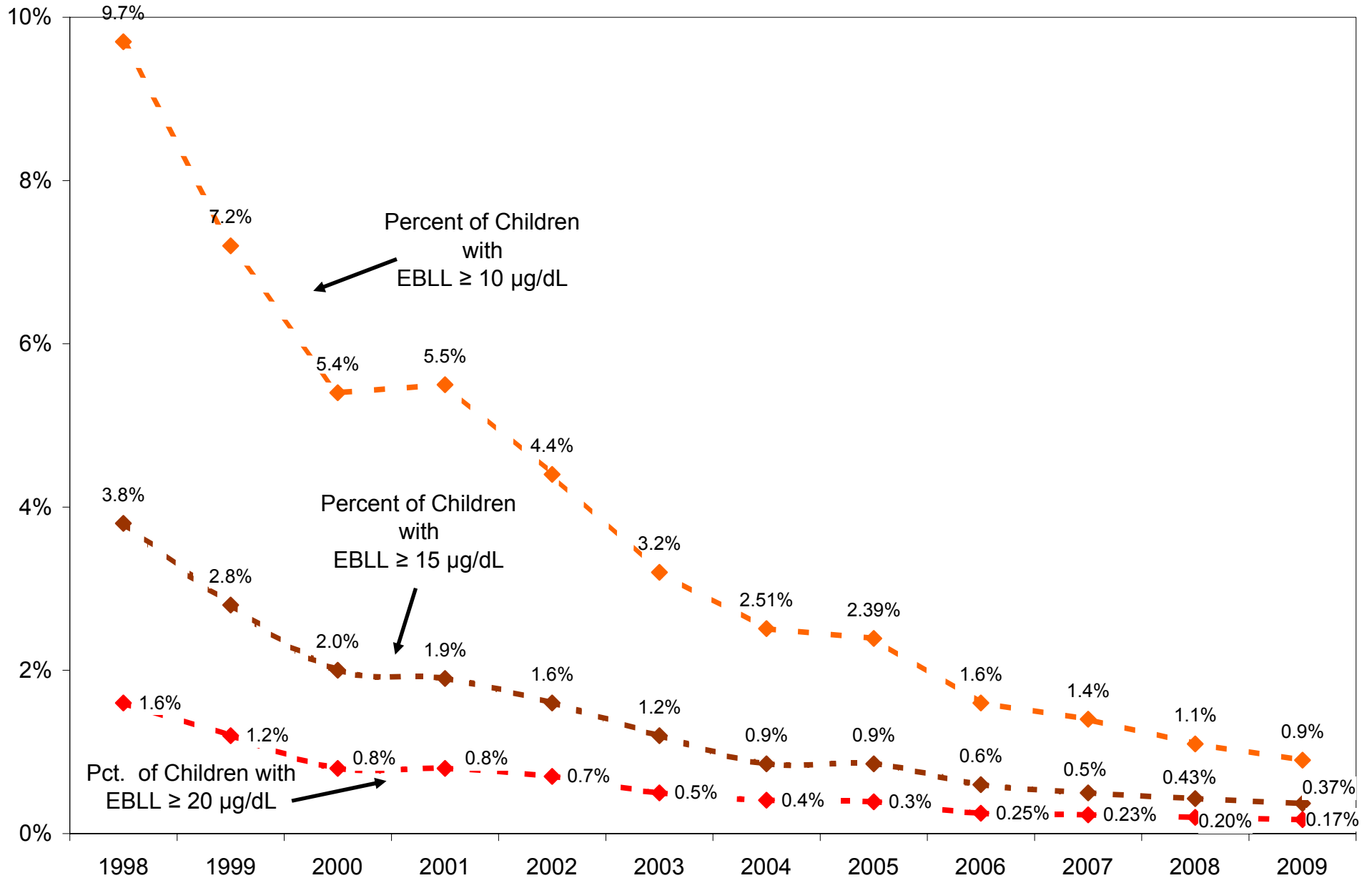


# Pct. of Children 1 & 2 years of age Tested for Lead Poisoning 2009



# Elevated Blood Lead Levels (EBLL) in Michigan 1998 - 2009

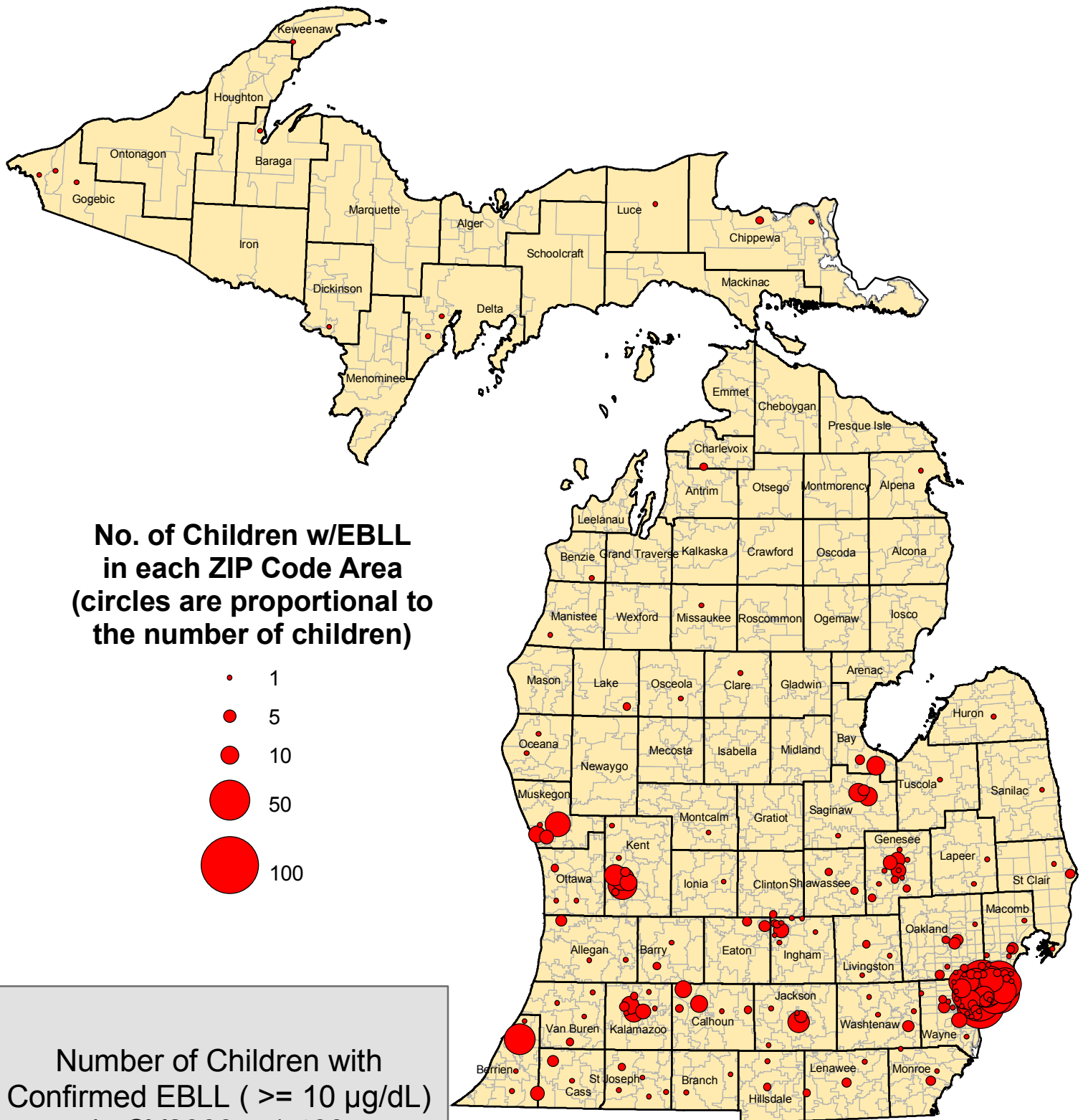
## Children less than Six Years of Age



February 5, 2010

Source: MDCH Data Warehouse

# Children less than Six years of age with Confirmed Elevated Blood Lead Levels (EBLL) 2009



Number of Children with  
Confirmed EBLL ( $\geq 10 \mu\text{g/dL}$ )  
in CY2009 = 1,403

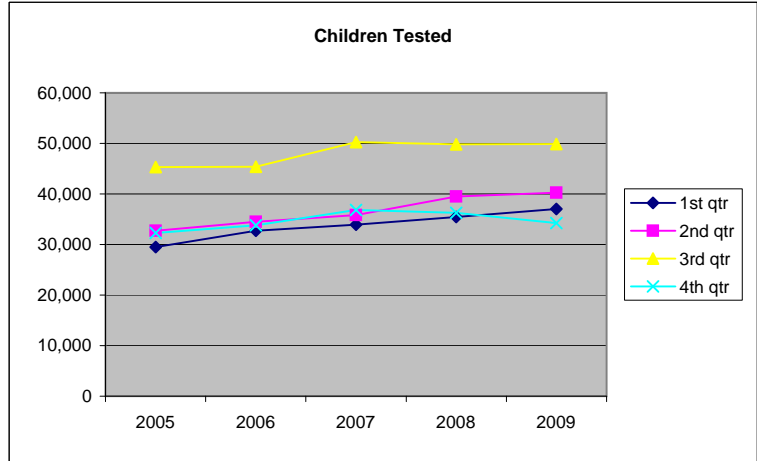
February 5, 2010

Sources: MDCH Data Warehouse

# Trends in Testing and EBLL, Michigan statewide, by Quarter and Year 2005-2009

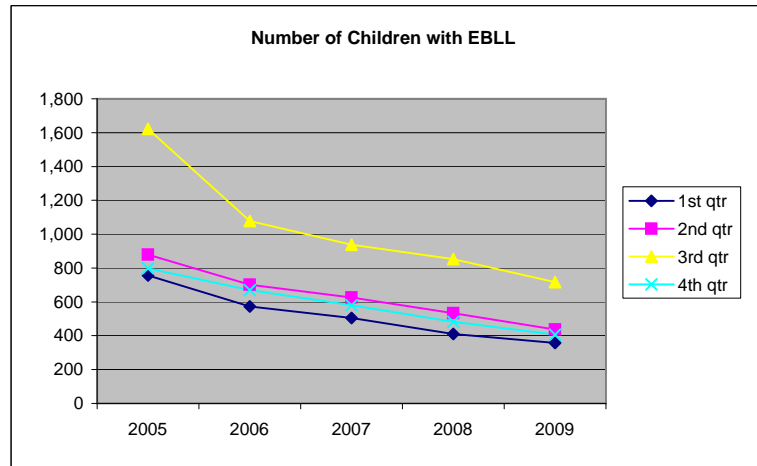
## Children < 6, tested for lead poisoning

	1st qtr	2nd qtr	3rd qtr	4th qtr	year
2005	29,501	32,703	45,346	32,253	132,913
2006	32,733	34,489	45,387	33,817	141,011
2007	33,951	35,821	50,260	36,858	149,445
2008	35,469	39,502	49,792	36,270	153,248
2009	37,007	40,228	49,863	34,236	154,291



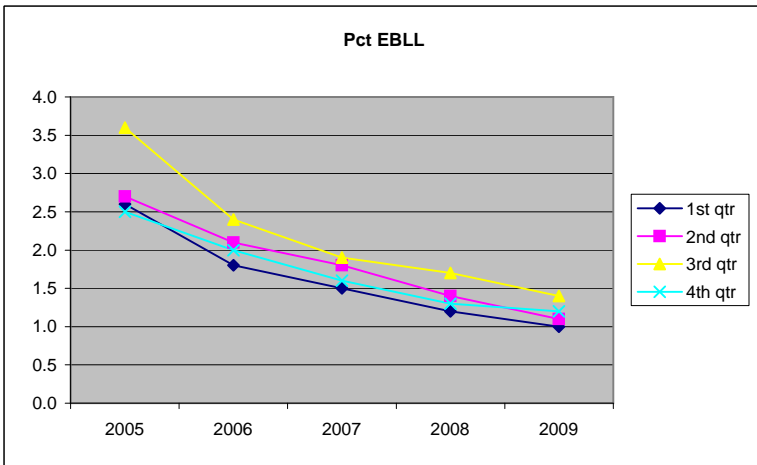
## Children < 6, with confirmed EBLL

	1st qtr	2nd qtr	3rd qtr	4th qtr	year
2005	757	879	1,622	797	3,137
2006	572	702	1,077	670	2,309
2007	505	626	938	581	2,031
2008	411	534	853	482	1,686
2009	358	436	717	407	1,403



## Percentage of children tested, with confirmed EBLL

	1st qtr	2nd qtr	3rd qtr	4th qtr	year
2005	2.6	2.7	3.6	2.5	2.4
2006	1.8	2.1	2.4	2.0	1.6
2007	1.5	1.8	1.9	1.6	1.4
2008	1.2	1.4	1.7	1.3	1.1
2009	1.0	1.1	1.4	1.2	0.9



**Childhood Lead Poisoning Data Facts**  
**All Counties in Michigan -- Calendar Year 2009 -- Children less than Six Years of Age**

County	%Pre-1950 Housing	Children Under Age 6	Children < Age 6, Tested for Lead		Children with Low-Level Exposure			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)	5 to 9 ug/dL (capillary, venous or unknown)	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	455	91	20.0	6.6	0.0	5	0	0	0	0	0	0	0	0	1	0	1
Alger	32.6	471	129	27.4	5.4	0.0	7	0	0	0	0	0	0	0	0	0	0	0
Allegan	27.4	9,075	1,381	15.2	7.6	0.1	100	2	0	0	0	0	2	3	0	0	0	3
Alpena	28.6	1,713	299	17.5	9.4	0.3	25	0	1	0	0	0	1	2	0	0	0	2
Antrim	22.6	1,480	224	15.1	4.0	0.0	9	0	0	0	0	0	0	0	0	0	0	0
Arenac	20.6	1,017	241	23.7	2.5	0.0	6	0	0	0	0	0	0	0	0	0	0	0
Baraga	34.9	546	151	27.7	2.6	0.7	3	1	0	0	0	0	1	0	0	0	0	0
Barry	29.4	4,276	659	15.4	9.0	0.5	51	3	0	0	0	0	3	4	1	0	0	5
Bay	37.1	7,495	1,369	18.3	9.6	1.0	118	11	3	0	0	0	14	0	0	0	0	0
Benzie	27.3	1,193	179	15.0	3.9	0.0	6	0	0	0	0	0	0	1	0	0	0	1
Berrien	32.7	12,449	2,252	18.1	13.1	1.7	244	22	8	9	0	0	39	12	0	0	1	13
Branch	36.5	3,546	487	13.7	14.6	0.4	63	2	0	0	0	0	2	4	2	0	0	6
Calhoun	36.4	10,748	2,598	24.2	8.8	1.0	194	16	5	5	0	0	26	8	0	0	0	8
Cass	30.4	3,278	595	18.2	11.9	0.7	64	2	0	2	0	0	4	2	0	1	0	3
Charlevoix	25.7	1,719	205	11.9	3.9	1.0	6	2	0	0	0	0	2	0	0	0	0	0
Cheboygan	21.7	1,604	256	16.0	4.3	0.0	11	0	0	0	0	0	0	0	0	0	0	0
Chippewa	28.4	2,328	437	18.8	2.5	0.7	7	2	1	0	0	0	3	0	1	0	0	1
Clare	13.1	1,998	370	18.5	5.4	0.3	19	1	0	0	0	0	1	0	0	0	0	0
Clinton	28.7	5,061	674	13.3	3.0	0.0	20	0	0	0	0	0	0	0	0	0	0	0
Crawford	19.6	808	114	14.1	3.5	0.0	4	0	0	0	0	0	0	0	0	0	0	0
Delta	37.7	2,420	447	18.5	7.6	0.4	30	2	0	0	0	0	2	2	0	0	0	2
Dickinson	41.6	1,660	324	19.5	2.5	0.3	7	1	0	0	0	0	1	0	0	0	0	0
Eaton	23.4	7,127	1,357	19.0	5.1	0.5	60	3	3	1	0	0	7	2	0	0	0	2
Emmet	27.7	2,231	212	9.5	3.3	0.0	6	0	0	0	0	0	0	0	0	1	0	1
Genesee	22.8	34,669	6,189	17.9	6.2	0.5	345	17	8	5	2	0	32	8	1	0	0	9
Gladwin	13.7	1,544	280	18.1	4.3	0.0	12	0	0	0	0	0	0	0	0	0	0	0
Gogebic	54.1	806	247	30.6	5.3	1.2	10	2	1	0	0	0	3	0	0	0	0	0
Grand Traverse	17.8	6,076	843	13.9	5.8	0.0	49	0	0	0	0	0	0	0	0	0	0	0
Gratiot	39.8	2,876	475	16.5	4.6	0.0	22	0	0	0	0	0	0	0	0	0	0	0
Hillsdale	39.0	3,360	744	22.1	13.8	0.5	94	1	1	2	0	0	4	4	1	0	0	5
Houghton	54.8	2,391	513	21.5	2.5	0.2	11	0	0	1	0	0	1	1	0	0	0	1
Huron	33.5	1,911	545	28.5	8.1	0.2	43	0	0	1	0	0	1	0	0	0	0	0
Ingham	25.9	20,871	5,310	25.4	9.3	0.4	473	9	4	6	0	0	19	2	0	1	0	3
Ionia	37.9	4,949	797	16.1	3.4	0.1	26	0	1	0	0	0	1	0	0	0	0	0
Iosco	19.8	1,419	310	21.8	6.8	0.0	19	0	0	0	0	0	0	2	0	0	0	2
Iron	44.5	572	164	28.7	3.0	0.0	4	0	0	0	0	0	0	1	0	0	0	1
Isabella	19.2	4,328	573	13.2	2.1	0.0	12	0	0	0	0	0	0	0	0	0	0	0
Jackson	35.7	12,204	2,404	19.7	13.3	1.0	283	8	6	9	0	0	23	13	0	1	0	14
Kalamazoo	24.6	18,863	4,121	21.8	11.3	0.9	409	17	6	14	0	0	37	17	2	2	0	21
Kalkaska	15.2	1,312	177	13.5	7.9	0.0	14	0	0	0	0	0	0	0	0	0	0	0
Kent	26.8	55,522	8,487	15.3	10.0	0.9	744	48	15	12	0	0	75	26	2	5	0	33
Keweenaw	54.9	145	25	17.2	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
Lake	15.1	691	144	20.8	3.5	1.4	3	1	1	0	0	0	2	0	0	0	0	0
Lapeer	22.2	5,990	702	11.7	5.6	0.3	36	1	1	0	0	0	2	1	0	0	0	1



**Childhood Lead Poisoning Data Facts**  
**All Counties in Michigan -- Calendar Year 2009 -- Children less than Six Years of Age**

County	%Pre-1950 Housing	Children Under Age 6	Children < Age 6, Tested for Lead		% 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	1,156	172	14.9	2.3	0.0	3	0	0	0	0	0	1	0	0	0	1
Lenawee	38.6	7,293	1,546	21.2	10.5	0.3	150	2	1	2	0	5	7	0	1	0	8
Livingston	13.7	12,509	1,105	8.8	2.4	0.4	20	4	0	0	0	4	2	0	0	0	2
Luce	30.0	354	93	26.3	3.2	1.1	2	1	0	0	0	1	0	0	0	0	0
Mackinac	28.1	602	152	25.2	4.6	0.0	6	0	0	0	0	0	1	0	0	0	1
Macomb	10.9	60,618	9,044	14.9	2.6	0.2	213	8	3	4	0	15	5	1	1	0	7
Manistee	35.9	1,467	297	20.2	11.1	0.7	30	1	1	0	0	2	1	0	0	0	1
Marquette	32.6	3,801	703	18.5	3.4	0.0	24	0	0	0	0	0	0	0	0	0	0
Mason	31.1	1,931	436	22.6	13.1	0.0	53	0	0	0	0	0	3	1	0	0	4
Mecosta	22.0	2,675	382	14.3	4.7	0.0	17	0	0	0	0	0	0	0	1	0	1
Menominee	38.4	1,466	271	18.5	4.4	0.0	11	0	0	0	0	0	1	0	0	0	1
Midland	16.9	5,561	772	13.9	4.0	0.0	30	0	0	0	0	0	1	0	0	0	1
Missaukee	20.6	1,021	153	15.0	3.9	0.7	5	1	0	0	0	1	0	0	0	0	0
Monroe	28.3	10,702	1,783	16.7	4.7	0.3	78	4	1	0	0	5	1	0	0	0	1
Montcalm	28.1	4,907	853	17.4	4.0	0.1	31	1	0	0	0	1	1	0	1	0	2
Montmorency	18.4	520	93	17.9	6.5	0.0	6	0	0	0	0	0	0	0	0	0	0
Muskegon	29.8	13,998	3,904	27.9	9.7	0.9	336	30	3	3	0	36	2	2	1	0	5
Newaygo	22.7	3,783	572	15.1	4.5	0.0	25	0	0	0	0	0	1	0	0	0	1
Oakland	15.9	87,361	14,426	16.5	3.2	0.2	421	19	4	6	0	29	6	0	1	0	7
Oceana	26.8	2,328	674	29.0	4.7	0.3	28	1	0	1	0	2	1	1	0	0	2
Ogemaw	18.3	1,256	350	27.9	4.0	0.0	14	0	0	0	0	0	0	0	0	0	0
Ontonagon	43.4	274	71	25.9	8.5	0.0	5	0	0	0	0	0	0	0	1	0	1
Osceola	24.2	1,739	232	13.3	3.4	0.4	7	0	1	0	0	1	0	0	0	0	0
Oscoda	18.3	525	83	15.8	6.0	0.0	5	0	0	0	0	0	0	0	0	0	0
Otsego	12.6	1,634	280	17.1	3.6	0.0	9	0	0	0	0	0	0	1	0	0	1
Ottawa	18.0	21,703	2,545	11.7	4.8	0.3	113	4	1	3	0	8	1	1	0	0	2
Presque Isle	27.6	706	120	17.0	9.2	0.0	11	0	0	0	0	0	0	0	0	0	0
Roscommon	16.1	1,223	256	20.9	1.6	0.0	4	0	0	0	0	0	0	0	0	0	0
Saginaw	29.3	14,891	3,343	22.4	8.9	0.8	255	18	4	5	0	27	14	2	1	0	17
St Clair	29.6	12,078	1,530	12.7	7.6	0.3	103	2	3	0	0	5	5	2	2	0	9
St Joseph	34.8	5,545	965	17.4	8.8	0.6	77	3	2	1	0	6	0	1	1	0	2
Sanilac	34.7	3,101	630	20.3	10.3	0.2	61	1	0	0	0	1	2	1	0	0	3
Schoolcraft	33.1	440	135	30.7	9.6	0.0	13	0	0	0	0	0	0	0	0	0	0
Shiawassee	35.9	5,075	924	18.2	4.3	0.4	36	3	1	0	0	4	0	0	0	0	0
Tuscola	32.8	3,811	814	21.4	6.5	0.1	51	1	0	0	0	1	0	1	0	0	1
Van Buren	29.4	6,328	1,255	19.8	6.4	0.5	69	4	1	1	0	6	5	0	0	0	5
Washtenaw	19.3	24,977	2,642	10.6	4.3	0.3	103	4	2	1	0	7	3	0	1	0	4
Wayne ex Det	24.0	88,748	20,229	22.8	5.3	0.5	950	59	19	18	0	96	25	4	5	0	34
Wexford	26.2	2,458	386	15.7	3.4	0.0	13	0	0	0	0	0	0	0	0	0	0
Detroit, City of	56.0	67,991	31,969	47.0	16.5	2.6	4,279	493	186	143	10	832	120	21	14	0	155
MICHIGAN	27.0	753,753	154,291	20.5	8.5	0.9	11,341	838	298	255	12	1,403	324	49	43	1	417

Sources: Census 2000, U.S. Census Bureau (Pre-1950 housing); 2008 Population Estimates, U.S. Census Bureau (county populations);

MDCH Data Warehouse (children tested and elevated levels).

Note: %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)

February 5, 2010



## Childhood Lead Poisoning Data Facts

### All Counties in Michigan -- Calendar Year 2009 -- Children One and Two Years of Age

County	%Pre-1950 Housing	Children Age 1 & 2	Children Age 1 & 2, Tested for Lead		% 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)					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)	Total EBLL ( $\geq$ 10 $\mu$ g/dL)	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
Leelanau	22.0	379	103	27.2	2.9	0.0	2	0	0	0	0	0	1	0	0	0	1
Lenawee	38.6	2,432	1,003	41.2	11.9	0.4	109	1	1	2	0	4	5	0	1	0	6
Livingston	13.7	4,068	697	17.1	2.7	0.6	14	4	0	0	0	4	1	0	0	0	1
Luce	30.0	120	80	66.7	5.0	1.3	3	1	0	0	0	1	0	0	0	0	0
Mackinac	28.1	202	115	56.9	5.2	0.0	5	0	0	0	0	0	1	0	0	0	1
Macomb	10.9	20,019	5,160	25.8	2.6	0.2	121	5	1	3	0	9	2	0	1	0	3
Manistee	35.9	482	205	42.5	9.8	0.5	19	1	0	0	0	1	0	0	0	0	0
Marquette	32.6	1,269	504	39.7	3.8	0.0	19	0	0	0	0	0	0	0	0	0	0
Mason	31.1	647	140	21.6	8.6	0.0	12	0	0	0	0	0	0	0	0	0	0
Mecosta	22.0	879	240	27.3	5.8	0.0	13	0	0	0	0	0	0	0	1	0	1
Menominee	38.4	477	211	44.2	4.7	0.0	10	0	0	0	0	0	0	0	0	0	0
Midland	16.9	1,822	505	27.7	4.6	0.0	22	0	0	0	0	0	1	0	0	0	1
Missaukee	20.6	335	87	26.0	4.6	0.0	4	0	0	0	0	0	0	0	0	0	0
Monroe	28.3	3,535	1,305	36.9	5.0	0.4	58	4	1	0	0	5	1	0	1	0	2
Montcalm	28.1	1,642	540	32.9	3.9	0.0	20	0	0	0	0	0	1	0	0	0	1
Montmorency	18.4	170	67	39.4	9.0	0.0	6	0	0	0	0	0	0	0	0	0	0
Muskegon	29.8	4,676	2,309	49.4	10.8	1.0	220	19	3	2	0	24	3	2	1	0	6
Newaygo	22.7	1,264	425	33.6	4.5	0.0	18	0	0	0	0	0	1	0	0	0	1
Oakland	15.9	28,722	7,750	27.0	3.3	0.2	235	9	3	2	0	14	4	0	1	0	5
Oceana	26.8	785	343	43.7	4.4	0.6	11	1	0	1	0	2	1	1	0	0	2
Ogemaw	18.3	414	240	58.0	4.6	0.0	11	0	0	0	0	0	0	0	0	0	0
Ontonagon	43.4	89	58	65.2	10.3	0.0	5	0	0	0	0	0	0	0	1	0	1
Osceola	24.2	582	167	28.7	4.8	0.6	7	0	1	0	0	1	0	0	0	0	0
Oscoda	18.3	176	66	37.5	7.6	0.0	5	0	0	0	0	0	0	0	0	0	0
Otsego	12.6	540	176	32.6	3.4	0.0	5	0	0	0	0	0	0	1	0	0	1
Ottawa	18.0	7,216	1,810	25.1	4.9	0.3	81	4	1	1	0	6	1	1	0	0	2
Presque Isle	27.6	230	91	39.6	8.8	0.0	8	0	0	0	0	0	0	0	0	0	0
Roscommon	16.1	397	175	44.1	2.3	0.0	4	0	0	0	0	0	0	0	0	0	0
Saginaw	29.3	4,946	2,226	45.0	9.0	0.8	170	13	3	1	0	17	12	0	1	0	13
St Clair	29.6	3,994	789	19.8	8.9	0.5	58	1	3	0	0	4	5	2	1	0	8
St Joseph	34.8	1,864	494	26.5	9.7	1.0	42	2	2	1	0	5	0	1	0	0	1
Sanilac	34.7	1,031	355	34.4	12.4	0.3	40	1	0	0	0	1	2	1	0	0	3
Schoolcraft	33.1	142	94	66.2	9.6	0.0	9	0	0	0	0	0	0	0	0	0	0
Shiawassee	35.9	1,680	626	37.3	5.1	0.6	28	3	1	0	0	4	0	0	0	0	0
Tuscola	32.8	1,266	497	39.3	6.4	0.2	30	1	0	0	0	1	0	1	0	0	1
Van Buren	29.4	2,114	796	37.7	6.9	0.4	48	1	1	1	0	3	4	0	0	0	4
Washtenaw	19.3	8,327	1,654	19.9	4.6	0.2	69	3	1	0	0	4	2	0	1	0	3
Wayne ex Det	24.0	29,489	11,103	37.7	5.4	0.4	529	31	6	12	0	49	15	3	4	0	22
Wexford	26.2	826	219	26.5	3.7	0.0	8	0	0	0	0	0	0	0	0	0	0
Detroit, City of	56.0	22,486	13,800	61.4	19.3	3.3	2,114	265	107	80	7	459	69	17	7	0	93
MICHIGAN	27.0	250,212	88,486	35.4	8.8	0.9	6,647	489	181	155	8	833	216	36	31	0	283

Sources: Census 2000, U.S. Census Bureau (Pre-1950 housing); 2008 Population Estimates, U.S. Census Bureau (county populations);

MDCH Data Warehouse (children tested and elevated levels).

Note: %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)

February 5, 2010

**Childhood Lead Poisoning Data Facts**

**All Counties in Michigan - Comparing Calendar Year 2008 and Calendar Year 2009 - Children less than Six Years of Age**

County	Kids<6*	Children Tested					Children with Elevated Blood Lead Levels (EBLL)				
		Number Tested		Percentage Tested			Number w/EBLL		Percentage w/EBLL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	CY 2008	CY 2009	Δ %
Alcona	455	127	91	27.9	20.0	-7.9	1	0	0.8	0.0	-0.8
Alger	471	103	129	21.9	27.4	5.5	0	0	0.0	0.0	0.0
Allegan	9,075	1,515	1,381	16.7	15.2	-1.5	6	2	0.4	0.1	-0.3
Alpena	1,713	380	299	22.2	17.5	-4.7	1	1	0.3	0.3	0.1
Antrim	1,480	247	224	16.7	15.1	-1.6	0	0	0.0	0.0	0.0
Arenac	1,017	202	241	19.9	23.7	3.8	0	0	0.0	0.0	0.0
Baraga	546	159	151	29.1	27.7	-1.5	0	1	0.0	0.7	0.7
Barry	4,276	711	659	16.6	15.4	-1.2	4	3	0.6	0.5	-0.1
Bay	7,495	1,409	1,369	18.8	18.3	-0.5	10	14	0.7	1.0	0.3
Benzie	1,193	157	179	13.2	15.0	1.8	2	0	1.3	0.0	-1.3
Berrien	12,449	2,466	2,252	19.8	18.1	-1.7	39	39	1.6	1.7	0.1
Branch	3,546	512	487	14.4	13.7	-0.7	0	2	0.0	0.4	0.4
Calhoun	10,748	2,672	2,598	24.9	24.2	-0.7	28	26	1.0	1.0	0.0
Cass	3,278	551	595	16.8	18.2	1.3	3	4	0.5	0.7	0.1
Charlevoix	1,719	252	205	14.7	11.9	-2.7	2	2	0.8	1.0	0.2
Cheboygan	1,604	298	256	18.6	16.0	-2.6	0	0	0.0	0.0	0.0
Chippewa	2,328	451	437	19.4	18.8	-0.6	3	3	0.7	0.7	0.0
Clare	1,998	399	370	20.0	18.5	-1.5	0	1	0.0	0.3	0.3
Clinton	5,061	670	674	13.2	13.3	0.1	4	0	0.6	0.0	-0.6
Crawford	808	105	114	13.0	14.1	1.1	0	0	0.0	0.0	0.0
Delta	2,420	427	447	17.6	18.5	0.8	1	2	0.2	0.4	0.2
Dickinson	1,660	350	324	21.1	19.5	-1.6	1	1	0.3	0.3	0.0
Eaton	7,127	1,284	1,357	18.0	19.0	1.0	5	7	0.4	0.5	0.1
Emmet	2,231	238	212	10.7	9.5	-1.2	0	0	0.0	0.0	0.0
Genesee	34,669	6,532	6,189	18.8	17.9	-1.0	42	32	0.6	0.5	-0.1
Gladwin	1,544	272	280	17.6	18.1	0.5	0	0	0.0	0.0	0.0
Gogebic	806	226	247	28.0	30.6	2.6	1	3	0.4	1.2	0.8
Grand Traverse	6,076	693	843	11.4	13.9	2.5	1	0	0.1	0.0	-0.1
Gratiot	2,876	493	475	17.1	16.5	-0.6	2	0	0.4	0.0	-0.4
Hillsdale	3,360	713	744	21.2	22.1	0.9	6	4	0.8	0.5	-0.3
Houghton	2,391	547	513	22.9	21.5	-1.4	1	1	0.2	0.2	0.0
Huron	1,911	546	545	28.6	28.5	-0.1	1	1	0.2	0.2	0.0
Ingham	20,871	5,118	5,310	24.5	25.4	0.9	27	19	0.5	0.4	-0.2
Ionia	4,949	686	797	13.9	16.1	2.2	6	1	0.9	0.1	-0.8
Iosco	1,419	332	310	23.4	21.8	-1.6	0	0	0.0	0.0	0.0
Iron	572	202	164	35.3	28.7	-6.6	0	0	0.0	0.0	0.0
Isabella	4,328	705	573	16.3	13.2	-3.0	1	0	0.1	0.0	-0.1
Jackson	12,204	2,440	2,404	20.0	19.7	-0.3	21	23	0.9	1.0	0.1
Kalamazoo	18,863	4,230	4,121	22.4	21.8	-0.6	33	37	0.8	0.9	0.1
Kalkaska	1,312	190	177	14.5	13.5	-1.0	0	0	0.0	0.0	0.0
Kent	55,522	8,690	8,487	15.7	15.3	-0.4	119	75	1.4	0.9	-0.5
Keweenaw	145	24	25	16.6	17.2	0.7	0	0	0.0	0.0	0.0
Lake	691	96	144	13.9	20.8	6.9	1	2	1.0	1.4	0.3
Lapeer	5,990	759	702	12.7	11.7	-1.0	2	2	0.3	0.3	0.0

### Childhood Lead Poisoning Data Facts

#### All Counties in Michigan - Comparing Calendar Year 2008 and Calendar Year 2009 - Children less than Six Years of Age

County	Kids<6*	Children Tested					Children with Elevated Blood Lead Levels (EBLL)				
		Number Tested		Percentage Tested			Number w/EBLL		Percentage w/EBLL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	CY 2008	CY 2009	Δ %
Leelanau	1,156	155	172	13.4	14.9	1.5	0	0	0.0	0.0	0.0
Lenawee	7,293	1,799	1,546	24.7	21.2	-3.5	5	5	0.3	0.3	0.0
Livingston	12,509	1,042	1,105	8.3	8.8	0.5	0	4	0.0	0.4	0.4
Luce	354	90	93	25.4	26.3	0.8	0	1	0.0	1.1	1.1
Mackinac	602	130	152	21.6	25.2	3.7	0	0	0.0	0.0	0.0
Macomb	60,618	8,826	9,044	14.6	14.9	0.4	17	15	0.2	0.2	0.0
Manistee	1,467	290	297	19.8	20.2	0.5	3	2	1.0	0.7	-0.4
Marquette	3,801	578	703	15.2	18.5	3.3	0	0	0.0	0.0	0.0
Mason	1,931	412	436	21.3	22.6	1.2	2	0	0.5	0.0	-0.5
Mecosta	2,675	410	382	15.3	14.3	-1.0	5	0	1.2	0.0	-1.2
Menominee	1,466	267	271	18.2	18.5	0.3	2	0	0.7	0.0	-0.7
Midland	5,561	689	772	12.4	13.9	1.5	0	0	0.0	0.0	0.0
Missaukee	1,021	137	153	13.4	15.0	1.6	0	1	0.0	0.7	0.7
Monroe	10,702	1,778	1,783	16.6	16.7	0.0	5	5	0.3	0.3	0.0
Montcalm	4,907	810	853	16.5	17.4	0.9	4	1	0.5	0.1	-0.4
Montmorency	520	106	93	20.4	17.9	-2.5	0	0	0.0	0.0	0.0
Muskegon	13,998	3,653	3,904	26.1	27.9	1.8	45	36	1.2	0.9	-0.3
Newaygo	3,783	591	572	15.6	15.1	-0.5	2	0	0.3	0.0	-0.3
Oakland	87,361	13,815	14,426	15.8	16.5	0.7	48	29	0.3	0.2	-0.1
Oceana	2,328	534	674	22.9	29.0	6.0	2	2	0.4	0.3	-0.1
Ogemaw	1,256	365	350	29.1	27.9	-1.2	1	0	0.3	0.0	-0.3
Ontonagon	274	67	71	24.5	25.9	1.5	0	0	0.0	0.0	0.0
Osceola	1,739	197	232	11.3	13.3	2.0	0	1	0.0	0.4	0.4
Oscoda	525	113	83	21.5	15.8	-5.7	0	0	0.0	0.0	0.0
Otsego	1,634	297	280	18.2	17.1	-1.0	0	0	0.0	0.0	0.0
Ottawa	21,703	2,588	2,545	11.9	11.7	-0.2	12	8	0.5	0.3	-0.2
Presque Isle	706	127	120	18.0	17.0	-1.0	0	0	0.0	0.0	0.0
Roscommon	1,223	315	256	25.8	20.9	-4.8	1	0	0.3	0.0	-0.3
Saginaw	14,891	3,287	3,343	22.1	22.4	0.4	37	27	1.1	0.8	-0.3
St Clair	12,078	2,080	1,530	17.2	12.7	-4.6	5	5	0.2	0.3	0.1
St Joseph	5,545	1,005	965	18.1	17.4	-0.7	9	6	0.9	0.6	-0.3
Sanilac	3,101	699	630	22.5	20.3	-2.2	0	1	0.0	0.2	0.2
Schoolcraft	440	125	135	28.4	30.7	2.3	0	0	0.0	0.0	0.0
Shiawassee	5,075	989	924	19.5	18.2	-1.3	1	4	0.1	0.4	0.3
Tuscola	3,811	907	814	23.8	21.4	-2.4	0	1	0.0	0.1	0.1
Van Buren	6,328	1,382	1,255	21.8	19.8	-2.0	9	6	0.7	0.5	-0.2
Washtenaw	24,977	2,334	2,642	9.3	10.6	1.2	5	7	0.2	0.3	0.1
Wayne ex Det	88,748	18,654	20,229	21.0	22.8	1.8	110	96	0.6	0.5	-0.1
Wexford	2,458	321	386	13.1	15.7	2.6	1	0	0.3	0.0	-0.3
Detroit, City of	67,991	32,105	31,969	47.2	47.0	-0.2	981	832	3.1	2.6	-0.5
MICHIGAN	753,753	153,248	154,291	20.3	20.5	0.1	1,686	1,403	1.1	0.9	-0.2

Sources: Census 2000, U.S. Census Bureau (Pre-1950 housing); 2008 Population Estimates, U.S. Census Bureau (county populations);

February 5, 2010

MDCH Data Warehouse (children tested and elevated levels).

Note: %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)

### Childhood Lead Poisoning Data Facts

#### All Counties in Michigan - Comparing Calendar Year 2008 and Calendar Year 2009 - Children One and Two Years of Age

County	Kids 1&2*	Children Tested					Children with Elevated Blood Lead Levels (EBLL)				
		Number Tested		Percentage Tested			Number w/EBLL		Percentage w/EBLL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	CY 2008	CY 2009	Δ %
Alcona	144	92	73	63.9	50.7	-13.2	1	0	1.1	0.0	-1.1
Alger	156	82	95	52.6	60.9	8.3	0	0	0.0	0.0	0.0
Allegan	3,025	940	862	31.1	28.5	-2.6	5	1	0.5	0.1	-0.4
Alpena	560	259	241	46.3	43.0	-3.2	1	1	0.4	0.4	0.0
Antrim	488	151	157	30.9	32.2	1.2	0	0	0.0	0.0	0.0
Arenac	340	147	165	43.2	48.5	5.3	0	0	0.0	0.0	0.0
Baraga	182	93	89	51.1	48.9	-2.2	0	1	0.0	1.1	1.1
Barry	1,417	469	425	33.1	30.0	-3.1	4	2	0.9	0.5	-0.4
Bay	2,495	919	981	36.8	39.3	2.5	8	10	0.9	1.0	0.1
Benzie	394	101	98	25.6	24.9	-0.8	1	0	1.0	0.0	-1.0
Berrien	4,162	1,510	1,465	36.3	35.2	-1.1	29	27	1.9	1.9	-0.1
Branch	1,194	284	289	23.8	24.2	0.4	0	1	0.0	0.4	0.4
Calhoun	3,597	1,837	1,783	51.1	49.6	-1.5	16	17	0.9	1.0	0.1
Cass	1,078	385	420	35.7	39.0	3.2	2	4	0.5	1.0	0.4
Charlevoix	566	185	136	32.7	24.0	-8.7	1	0	0.5	0.0	-0.5
Cheboygan	523	211	201	40.3	38.4	-1.9	0	0	0.0	0.0	0.0
Chippewa	780	276	254	35.4	32.6	-2.8	2	3	0.7	1.2	0.5
Clare	660	279	256	42.3	38.8	-3.5	0	1	0.0	0.4	0.4
Clinton	1,678	431	430	25.7	25.6	-0.1	4	0	0.9	0.0	-0.9
Crawford	265	70	79	26.4	29.8	3.4	0	0	0.0	0.0	0.0
Delta	802	330	326	41.1	40.6	-0.5	1	2	0.3	0.6	0.3
Dickinson	552	266	254	48.2	46.0	-2.2	1	1	0.4	0.4	0.0
Eaton	2,337	858	889	36.7	38.0	1.3	3	6	0.4	0.7	0.3
Emmet	732	172	140	23.5	19.1	-4.4	0	0	0.0	0.0	0.0
Genesee	11,547	3,919	3,633	33.9	31.5	-2.5	20	18	0.5	0.5	0.0
Gladwin	503	193	193	38.4	38.4	0.0	0	0	0.0	0.0	0.0
Gogebic	271	168	183	62.0	67.5	5.5	0	1	0.0	0.5	0.5
Grand Traverse	2,026	402	440	19.8	21.7	1.9	0	0	0.0	0.0	0.0
Gratiot	965	319	319	33.1	33.1	0.0	2	0	0.6	0.0	-0.6
Hillsdale	1,110	358	385	32.3	34.7	2.4	4	2	1.1	0.5	-0.6
Houghton	805	370	394	46.0	48.9	3.0	1	1	0.3	0.3	0.0
Huron	631	291	281	46.1	44.5	-1.6	1	1	0.3	0.4	0.0
Ingham	7,032	2,978	3,055	42.3	43.4	1.1	18	13	0.6	0.4	-0.2
Ionia	1,658	471	549	28.4	33.1	4.7	6	1	1.3	0.2	-1.1
Iosco	464	228	241	49.1	51.9	2.8	0	0	0.0	0.0	0.0
Iron	188	103	113	54.8	60.1	5.3	0	0	0.0	0.0	0.0
Isabella	1,459	424	369	29.1	25.3	-3.8	0	0	0.0	0.0	0.0
Jackson	4,088	1,573	1,674	38.5	40.9	2.5	16	19	1.0	1.1	0.1
Kalamazoo	6,310	2,706	2,480	42.9	39.3	-3.6	18	24	0.7	1.0	0.3
Kalkaska	439	118	86	26.9	19.6	-7.3	0	0	0.0	0.0	0.0
Kent	18,611	6,541	6,182	35.1	33.2	-1.9	82	56	1.3	0.9	-0.4
Keweenaw	49	18	18	36.7	36.7	0.0	0	0	0.0	0.0	0.0
Lake	230	62	94	27.0	40.9	13.9	1	2	1.6	2.1	0.5
Lapeer	1,965	513	464	26.1	23.6	-2.5	2	0	0.4	0.0	-0.4

## Childhood Lead Poisoning Data Facts

### All Counties in Michigan - Comparing Calendar Year 2008 and Calendar Year 2009 - Children One and Two Years of Age

County	Kids 1&2*	Children Tested					Children with Elevated Blood Lead Levels (EBLL)				
		Number Tested		Percentage Tested			Number w/EBLL		Percentage w/EBLL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	CY 2008	CY 2009	Δ %
Leelanau	379	89	103	23.5	27.2	3.7	0	0	0.0	0.0	0.0
Lenawee	2,432	1,093	1,003	44.9	41.2	-3.7	3	4	0.3	0.4	0.1
Livingston	4,068	663	697	16.3	17.1	0.8	0	4	0.0	0.6	0.6
Luce	120	72	80	60.0	66.7	6.7	0	1	0.0	1.3	1.3
Mackinac	202	104	115	51.5	56.9	5.4	0	0	0.0	0.0	0.0
Macomb	20,019	5,269	5,160	26.3	25.8	-0.5	15	9	0.3	0.2	-0.1
Manistee	482	195	205	40.5	42.5	2.1	1	1	0.5	0.5	0.0
Marquette	1,269	421	504	33.2	39.7	6.5	0	0	0.0	0.0	0.0
Mason	647	234	140	36.2	21.6	-14.5	1	0	0.4	0.0	-0.4
Mecosta	879	287	240	32.7	27.3	-5.3	2	0	0.7	0.0	-0.7
Menominee	477	200	211	41.9	44.2	2.3	2	0	1.0	0.0	-1.0
Midland	1,822	398	505	21.8	27.7	5.9	0	0	0.0	0.0	0.0
Missaukee	335	79	87	23.6	26.0	2.4	0	0	0.0	0.0	0.0
Monroe	3,535	1,325	1,305	37.5	36.9	-0.6	4	5	0.3	0.4	0.1
Montcalm	1,642	492	540	30.0	32.9	2.9	3	0	0.6	0.0	-0.6
Montmorency	170	71	67	41.8	39.4	-2.4	0	0	0.0	0.0	0.0
Muskegon	4,676	2,039	2,309	43.6	49.4	5.8	25	24	1.2	1.0	-0.2
Newaygo	1,264	417	425	33.0	33.6	0.6	2	0	0.5	0.0	-0.5
Oakland	28,722	7,653	7,750	26.6	27.0	0.3	21	14	0.3	0.2	-0.1
Oceana	785	295	343	37.6	43.7	6.1	0	2	0.0	0.6	0.6
Ogemaw	414	243	240	58.7	58.0	-0.7	1	0	0.4	0.0	-0.4
Ontonagon	89	60	58	67.4	65.2	-2.2	0	0	0.0	0.0	0.0
Osceola	582	135	167	23.2	28.7	5.5	0	1	0.0	0.6	0.6
Oscoda	176	84	66	47.7	37.5	-10.2	0	0	0.0	0.0	0.0
Otsego	540	165	176	30.6	32.6	2.0	0	0	0.0	0.0	0.0
Ottawa	7,216	1,749	1,810	24.2	25.1	0.8	8	6	0.5	0.3	-0.1
Presque Isle	230	85	91	37.0	39.6	2.6	0	0	0.0	0.0	0.0
Roscommon	397	203	175	51.1	44.1	-7.1	1	0	0.5	0.0	-0.5
Saginaw	4,946	2,168	2,226	43.8	45.0	1.2	21	17	1.0	0.8	-0.2
St Clair	3,994	1,193	789	29.9	19.8	-10.1	3	4	0.3	0.5	0.3
St Joseph	1,864	610	494	32.7	26.5	-6.2	7	5	1.2	1.0	-0.1
Sanilac	1,031	399	355	38.7	34.4	-4.3	0	1	0.0	0.3	0.3
Schoolcraft	142	95	94	66.9	66.2	-0.7	0	0	0.0	0.0	0.0
Shiawassee	1,680	656	626	39.0	37.3	-1.8	1	4	0.2	0.6	0.5
Tuscola	1,266	542	497	42.8	39.3	-3.6	0	1	0.0	0.2	0.2
Van Buren	2,114	869	796	41.1	37.7	-3.5	5	3	0.6	0.4	-0.2
Washtenaw	8,327	1,374	1,654	16.5	19.9	3.4	4	4	0.3	0.2	0.0
Wayne ex Det	29,489	10,016	11,103	34.0	37.7	3.7	62	49	0.6	0.4	-0.2
Wexford	826	204	219	24.7	26.5	1.8	0	0	0.0	0.0	0.0
Detroit, City of	22,486	14,301	13,800	63.6	61.4	-2.2	542	459	3.8	3.3	-0.5
MICHIGAN	250,212	88,649	88,486	35.4	35.4	-0.1	984	833	1.1	0.9	-0.2

Sources: Census 2000, U.S. Census Bureau (Pre-1950 housing); 2008 Population Estimates, U.S. Census Bureau (county populations);

February 5, 2010

MDCH Data Warehouse (children tested and elevated levels).

Note: %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)

**Childhood Lead Poisoning Data Facts**  
**All Counties in Michigan**  
**CY 2009**

**Blood Lead Testing Among Children who are Insured by Medicaid**

County	Children age 1 & 2 years, Insured by Medicaid					Children age 3 through 5 years, Insured by Medicaid				
	# of Children Insured by Medicaid	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL*	# of Children Insured by Medicaid	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL*
Alcona	95	61	64.2	0	0.0	127	11	8.7	0	0.0
Alger	94	77	81.9	0	0.0	129	15	11.6	0	0.0
Allegan	1,621	624	38.5	1	0.2	2,223	286	12.9	0	0.0
Alpena	380	209	55.0	1	0.5	549	31	5.6	0	0.0
Antrim	324	140	43.2	0	0.0	452	42	9.3	0	0.0
Arenac	217	122	56.2	0	0.0	332	50	15.1	0	0.0
Baraga	105	70	66.7	1	1.4	161	36	22.4	0	0.0
Barry	716	311	43.4	2	0.6	931	83	8.9	1	1.2
Bay	1,408	686	48.7	8	1.2	1,896	238	12.6	2	0.8
Benzie	222	80	36.0	0	0.0	324	35	10.8	0	0.0
Berrien	2,635	1,288	48.9	26	2.0	3,589	521	14.5	12	2.3
Branch	762	229	30.1	1	0.4	1,026	120	11.7	1	0.8
Calhoun	2,448	1,176	48.0	17	1.4	3,243	343	10.6	7	2.0
Cass	807	358	44.4	2	0.6	1,059	124	11.7	0	0.0
Charlevoix	298	124	41.6	0	0.0	438	37	8.4	1	2.7
Cheboygan	392	195	49.7	0	0.0	524	40	7.6	0	0.0
Chippewa	488	201	41.2	1	0.5	613	108	17.6	0	0.0
Clare	499	227	45.5	1	0.4	659	86	13.1	0	0.0
Clinton	622	295	47.4	0	0.0	817	146	17.9	0	0.0
Crawford	175	70	40.0	0	0.0	243	24	9.9	0	0.0
Delta	476	291	61.1	1	0.3	674	74	11.0	0	0.0
Dickinson	353	218	61.8	1	0.5	463	43	9.3	0	0.0
Eaton	1,164	660	56.7	4	0.6	1,445	279	19.3	0	0.0
Emmet	411	131	31.9	0	0.0	604	39	6.5	0	0.0
Genesee	7,575	2,754	36.4	16	0.6	10,078	1,671	16.6	14	0.8
Gladwin	324	176	54.3	0	0.0	453	73	16.1	0	0.0
Gogebic	236	129	54.7	1	0.8	256	34	13.3	2	5.9
Grand Traverse	1,078	304	28.2	0	0.0	1,408	173	12.3	0	0.0
Gratiot	597	264	44.2	0	0.0	875	113	12.9	0	0.0
Hillsdale	729	317	43.5	2	0.6	972	100	10.3	2	2.0
Houghton	439	235	53.5	1	0.4	609	60	9.9	0	0.0
Huron	400	222	55.5	1	0.5	553	185	33.5	0	0.0
Ingham	3,874	2,431	62.8	11	0.5	5,149	1,623	31.5	6	0.4
Ionia	894	454	50.8	1	0.2	1,244	189	15.2	0	0.0
Iosco	331	214	64.7	0	0.0	494	48	9.7	0	0.0
Iron	142	97	68.3	0	0.0	199	41	20.6	0	0.0
Isabella	793	250	31.5	0	0.0	1,054	129	12.2	0	0.0
Jackson	2,470	1,224	49.6	16	1.3	3,249	380	11.7	2	0.5
Kalamazoo	3,422	1,725	50.4	23	1.3	4,548	637	14.0	12	1.9
Kalkaska	307	77	25.1	0	0.0	459	37	8.1	0	0.0
Kent	9,908	4,697	47.4	52	1.1	12,841	1,285	10.0	18	1.4
Keweenaw	21	11	52.4	0	0.0	25	5	20.0	0	0.0
Lake	184	88	47.8	1	1.1	253	36	14.2	0	0.0



**Childhood Lead Poisoning Data Facts**  
**All Counties in Michigan**  
**CY 2009**

**Blood Lead Testing Among Children who are Insured by Medicaid**

County	Children age 1 & 2 years, Insured by Medicaid					Children age 3 through 5 years, Insured by Medicaid				
	# of Children Insured by Medicaid	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL*	# of Children Insured by Medicaid	# of Children Tested for Lead Poisoning	% Tested	# of Children Confirmed w/EBLL*	% EBLL*
Lapeer	989	349	35.3	0	0.0	1,480	144	9.7	2	1.4
Leelanau	152	69	45.4	0	0.0	203	26	12.8	0	0.0
Lenawee	1,391	733	52.7	2	0.3	1,796	255	14.2	0	0.0
Livingston	1,203	497	41.3	3	0.6	1,698	237	14.0	0	0.0
Luce	84	76	90.5	1	1.3	123	9	7.3	0	0.0
Mackinac	132	99	75.0	0	0.0	177	24	13.6	0	0.0
Macomb	9,012	3,131	34.7	7	0.2	12,273	2,057	16.8	6	0.3
Manistee	301	179	59.5	1	0.6	421	72	17.1	1	1.4
Marquette	693	376	54.3	0	0.0	876	101	11.5	0	0.0
Mason	440	132	30.0	0	0.0	597	97	16.2	0	0.0
Mecosta	549	186	33.9	0	0.0	790	73	9.2	0	0.0
Menominee	259	167	64.5	0	0.0	375	28	7.5	0	0.0
Midland	886	414	46.7	0	0.0	1,163	172	14.8	0	0.0
Missaukee	232	78	33.6	0	0.0	294	39	13.3	1	2.6
Monroe	1,724	820	47.6	4	0.5	2,174	238	10.9	0	0.0
Montcalm	983	439	44.7	0	0.0	1,387	241	17.4	1	0.4
Montmorency	122	60	49.2	0	0.0	165	20	12.1	0	0.0
Muskegon	3,180	1,748	55.0	23	1.3	4,299	1,111	25.8	12	1.1
Newaygo	824	291	35.3	0	0.0	1,117	72	6.4	0	0.0
Oakland	9,678	4,681	48.4	12	0.3	13,035	2,928	22.5	10	0.3
Oceana	641	285	44.5	1	0.4	829	216	26.1	0	0.0
Ogemaw	293	186	63.5	0	0.0	435	86	19.8	0	0.0
Ontonagon	58	42	72.4	0	0.0	101	9	8.9	0	0.0
Osceola	350	135	38.6	1	0.7	472	46	9.7	0	0.0
Oscoda	101	57	56.4	0	0.0	166	13	7.8	0	0.0
Otsego	391	163	41.7	0	0.0	512	76	14.8	0	0.0
Ottawa	2,993	1,134	37.9	4	0.4	3,974	417	10.5	2	0.5
Presque Isle	140	70	50.0	0	0.0	171	15	8.8	0	0.0
Roscommon	316	160	50.6	0	0.0	445	66	14.8	0	0.0
Saginaw	3,179	1,821	57.3	17	0.9	4,444	870	19.6	10	1.1
St Clair	2,258	597	26.4	2	0.3	3,117	331	10.6	0	0.0
St Joseph	1,211	374	30.9	4	1.1	1,709	197	11.5	0	0.0
Sanilac	597	315	52.8	1	0.3	903	200	22.1	0	0.0
Schoolcraft	100	82	82.0	0	0.0	156	17	10.9	0	0.0
Shiawassee	977	499	51.1	3	0.6	1,354	208	15.4	0	0.0
Tuscola	782	379	48.5	1	0.3	1,123	181	16.1	0	0.0
Van Buren	1,490	616	41.3	3	0.5	1,971	299	15.2	3	1.0
Washtenaw	2,954	1,051	35.6	2	0.2	3,881	654	16.9	3	0.5
Wayne ex Det	14,640	7,168	49.0	41	0.6	19,812	5,247	26.5	38	0.7
Wexford	643	205	31.9	0	0.0	826	71	8.6	0	0.0
Detroit, City of	20,150	11,451	56.8	417	3.6	27,461	13,485	49.1	344	2.6
MICHIGAN	137,534	64,827	47.1	742	1.1	185,545	40,278	21.7	513	1.3

\*EBLL: elevated blood lead level--i.e., ≥10 ug/dL  
Source: MDCH Data Warehouse

**Childhood Lead Poisoning Data Facts - Calendar Year 2009**

**Blood Lead Testing Among Children Who Should Be Tested**

**in accordance with the Statewide Screening/Testing Plan\***

County	Population of Children Who Should be Tested*	Children who were tested in 2009	% Tested	Children with confirmed Elevated Blood Lead Levels	% EBLL
Alcona	95	61	64.2	0	0.0
Alger	94	77	81.9	0	0.0
Allegan	1,621	624	38.5	1	0.2
Alpena	380	209	55.0	1	0.5
Antrim	324	140	43.2	0	0.0
Arenac	217	122	56.2	0	0.0
Baraga	105	70	66.7	1	1.4
Barry	716	311	43.4	2	0.6
Bay	1,408	686	48.7	8	1.2
Benzie	222	80	36.0	0	0.0
Berrien	2,612	1,300	49.8	26	2.0
Branch	762	229	30.1	1	0.4
Calhoun	2,764	1,467	53.1	17	1.2
Cass	807	358	44.4	2	0.6
Charlevoix	298	124	41.6	0	0.0
Cheboygan	392	195	49.7	0	0.0
Chippewa	488	201	41.2	1	0.5
Clare	499	227	45.5	1	0.4
Clinton	622	296	47.6	0	0.0
Crawford	175	70	40.0	0	0.0
Delta	476	291	61.1	1	0.3
Dickinson	353	218	61.8	1	0.5
Eaton	1,164	660	56.7	4	0.6
Emmet	411	131	31.9	0	0.0
Genesee	7,773	2,917	37.5	18	0.6
Gladwin	324	176	54.3	0	0.0
Gogebic	236	129	54.7	1	0.8
Grand Traverse	1,078	304	28.2	0	0.0
Gratiot	597	264	44.2	0	0.0
Hillsdale	729	317	43.5	2	0.6
Houghton	439	235	53.5	1	0.4
Huron	400	222	55.5	1	0.5
Ingham	4,777	2,736	57.3	12	0.4
Ionia	894	454	50.8	1	0.2
Iosco	331	214	64.7	0	0.0
Iron	142	97	68.3	0	0.0
Isabella	793	250	31.5	0	0.0
Jackson	2,444	1,335	54.6	17	1.3
Kalamazoo	3,946	1,913	48.5	24	1.3
Kalkaska	307	77	25.1	0	0.0
Kent	11,240	5,279	47.0	55	1.0
Keweenaw	21	11	52.4	0	0.0
Lake	184	88	47.8	1	1.1
Lapeer	989	349	35.3	0	0.0
Leelanau	152	69	45.4	0	0.0
Lenawee	1,391	733	52.7	2	0.3
Livingston	1,203	497	41.3	3	0.6
Luce	84	76	90.5	1	1.3
Mackinac	132	99	75.0	0	0.0
Macomb	9,012	3,131	34.7	7	0.2
Manistee	301	179	59.5	1	0.6
Marquette	693	376	54.3	0	0.0
Mason	440	132	30.0	0	0.0
Mecosta	549	186	33.9	0	0.0

**Childhood Lead Poisoning Data Facts - Calendar Year 2009**  
**Blood Lead Testing Among Children Who Should Be Tested**  
**in accordance with the Statewide Screening/Testing Plan\***

County	Population of Children Who Should be Tested*	Children who were tested in 2009	% Tested	Children with confirmed Elevated Blood Lead Levels	% EBLL
Menominee	259	167	64.5	0	0.0
Midland	886	414	46.7	0	0.0
Missaukee	232	78	33.6	0	0.0
Monroe	1,724	820	47.6	4	0.5
Montcalm	983	439	44.7	0	0.0
Montmorency	122	60	49.2	0	0.0
Muskegon	3,180	1,860	58.5	24	1.3
Newaygo	824	291	35.3	0	0.0
Oakland	9,717	4,828	49.7	12	0.2
Oceana	641	285	44.5	1	0.4
Ogemaw	293	186	63.5	0	0.0
Ontonagon	58	42	72.4	0	0.0
Osceola	350	135	38.6	1	0.7
Oscoda	101	57	56.4	0	0.0
Otsego	391	163	41.7	0	0.0
Ottawa	2,993	1,135	37.9	4	0.4
Presque Isle	140	70	50.0	0	0.0
Roscommon	316	160	50.6	0	0.0
Saginaw	3,113	1,920	61.7	17	0.9
St Clair	2,258	597	26.4	2	0.3
St Joseph	1,211	374	30.9	4	1.1
Sanilac	597	315	52.8	1	0.3
Schoolcraft	100	82	82.0	0	0.0
Shiawassee	977	499	51.1	3	0.6
Tuscola	782	379	48.5	1	0.3
Van Buren	1,490	616	41.3	3	0.5
Washtenaw	2,954	1,051	35.6	2	0.2
Wayne	38,361	21,684	56.5	503	2.3
Wexford	643	205	31.9	0	0.0
<b>Totals by Category</b>					
Children Who Should Be Tested* (portion of All Children)	144,302 0.58	69,904 0.79	48.4	796 0.96	1.1
Children Who Should Not Be Tested (portion of All Children)	105,910 0.42	18,582 0.21	17.5	37 0.04	0.2
Children Insured by Medicaid (portion of All Children)	137,534 0.55	64,827 0.73	47.1	513 0.62	0.8
All Children living in Target Communities (portion of All Children)	50,045 0.20	28,870 0.33	57.7	673 0.81	2.3
Children Insured by Medicaid AND Living in Target Communities (portion of All Children)	43,148 0.17	23,793 0.27	55.1	621 0.75	2.6
All Children	250,212	88,486	35.4	833	0.9

\*"Children who should be tested" is defined for this report as 1 & 2 year olds who are insured by Medicaid 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). Due to temporary data access issues, this report does not include those children who are participating in WIC but are not in either of the other categories.

**Childhood Lead Poisoning Data Facts**  
**Fourteen Target Communities in Michigan**  
**Calendar Year 2009**  
**Children less than Six Years of Age**

Target Community	%Pre-1950 Housing	%Pre-1978 Housing	Children < Age 6	Children < Age 6, Tested for Lead		% 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)					Children with Elevated Capillary Tests, Not Confirmed by Venous				
				Number of Children Tested	% Tested				10-14 ug/dL	15-19 ug/dL	20-44 ug/dL	≥45 ug/dL	Total EBLL (≥ 10 µg/dL)	Capillary 10-14	Capillary 15-19	Capillary 20-44	Capillary >= 45	Total Elevated Capillary, not confirmed by venous
Battle Creek	42.3	83.2	4,403	1,293	<b>29.4</b>	10.4	<b>1.4</b>	112	11	4	3	0	<b>18</b>	5	0	0	0	5
Benton Harbor	47.8	88.8	1,180	409	<b>34.7</b>	25.4	<b>4.7</b>	82	11	4	4	0	<b>19</b>	3	0	0	0	3
Dearborn	49.5	87.8	10,850	3,287	<b>30.3</b>	5.4	<b>0.5</b>	158	10	4	2	0	<b>16</b>	1	1	0	0	2
Detroit	56.0	95.2	67,991	31,969	<b>47.0</b>	16.5	<b>2.6</b>	4,279	493	186	143	10	<b>832</b>	120	21	14	0	155
Flint	40.9	93.7	10,294	2,321	<b>22.5</b>	10.5	<b>1.0</b>	214	13	5	4	2	<b>24</b>	5	1	0	0	6
Grand Rapids	48.9	84.9	17,349	4,084	<b>23.5</b>	17.3	<b>1.7</b>	613	44	13	12	0	<b>69</b>	21	2	3	0	26
Hamtramck	75.8	95.7	2,269	1,228	<b>54.1</b>	21.7	<b>2.1</b>	233	19	5	1	0	<b>25</b>	7	0	2	0	9
Highland Park	62.4	89.8	983	511	<b>52.0</b>	33.5	<b>5.8</b>	132	15	6	8	0	<b>29</b>	7	2	1	0	10
Jackson	65.9	92.6	3,101	995	<b>32.1</b>	20.3	<b>1.8</b>	173	3	6	9	0	<b>18</b>	10	0	1	0	11
Kalamazoo	40.0	81.5	5,785	1,598	<b>27.6</b>	19.0	<b>1.9</b>	257	14	4	12	0	<b>30</b>	12	2	2	0	16
Lansing	35.8	85.1	10,016	3,522	<b>35.2</b>	11.2	<b>0.4</b>	376	7	4	4	0	<b>15</b>	2	0	0	0	2
Muskegon/MuskHts	52.1	90.4	4,721	1,785	<b>37.8</b>	15.9	<b>1.8</b>	246	27	2	3	0	<b>32</b>	2	2	1	0	5
Pontiac	35.2	84.3	5,685	2,057	<b>36.2</b>	6.6	<b>0.4</b>	126	3	2	3	0	<b>8</b>	1	0	1	0	2
Saginaw	54.4	95.4	4,817	1,613	<b>33.5</b>	14.1	<b>1.6</b>	190	16	4	5	0	<b>25</b>	12	1	0	0	13
<b>Subtotal</b>	<b>51.1</b>	<b>91.5</b>	<b>149,444</b>	<b>56,672</b>	<b>37.9</b>	<b>15.2</b>	<b>2.1</b>	<b>7,191</b>	<b>686</b>	<b>249</b>	<b>213</b>	<b>12</b>	<b>1,160</b>	<b>208</b>	<b>32</b>	<b>25</b>	<b>0</b>	<b>265</b>
<b>Michigan</b>	<b>27.0</b>	<b>71.3</b>	<b>753,753</b>	<b>154,291</b>	<b>20.5</b>	<b>8.5</b>	<b>0.9</b>	<b>11,341</b>	<b>838</b>	<b>298</b>	<b>255</b>	<b>12</b>	<b>1,403</b>	<b>324</b>	<b>49</b>	<b>43</b>	<b>1</b>	<b>417</b>

Sources:

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

Target Community populations calculated from 2006-2008 American Community Survey 3-Year Estimates

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**  
**Fourteen Target Communities in Michigan**  
**Calendar Year 2009**  
**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		% 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)					Children with Elevated Capillary Tests, Not Confirmed by Venous				
				Number of Children Tested	% Tested				10-14 ug/dL	15-19 ug/dL	20-44 ug/dL	>=45 ug/dL	Total EBLL (>= 10 ug/dL)	Capillary 10-14	Capillary 15-19	Capillary 20-44	Capillary >= 45	Total Elevated Capillary, not confirmed by venous
Battle Creek	42.3	83.2	1,514	895	<b>59.1</b>	9.9	<b>1.3</b>	73	6	4	2	0	<b>12</b>	4	0	0	0	4
Benton Harbor	47.8	88.8	397	240	<b>60.5</b>	27.1	<b>5.5</b>	49	8	2	3	0	<b>13</b>	0	3	0	0	3
Dearborn	49.5	87.8	3,644	1,806	<b>49.6</b>	5.6	<b>0.6</b>	87	7	3	1	0	<b>11</b>	1	1	1	0	3
Detroit	56.0	95.2	22,486	13,800	<b>61.4</b>	19.3	<b>3.3</b>	2,114	265	107	80	7	<b>459</b>	69	17	7	0	93
Flint	40.9	93.7	3,458	1,373	<b>39.7</b>	10.3	<b>1.1</b>	124	8	4	2	1	<b>15</b>	2	1	0	0	3
Grand Rapids	48.9	84.9	5,894	2,970	<b>50.4</b>	17.6	<b>1.8</b>	448	35	10	7	0	<b>52</b>	19	1	3	0	23
Hamtramck	75.8	95.7	728	591	<b>81.2</b>	24.2	<b>1.9</b>	128	10	1	0	0	<b>11</b>	4	0	0	0	4
Highland Park	62.4	89.8	321	233	<b>72.6</b>	39.1	<b>6.6</b>	70	7	2	6	0	<b>15</b>	3	2	1	0	6
Jackson	65.9	92.6	1,065	687	<b>64.5</b>	21.0	<b>2.4</b>	119	3	5	8	0	<b>16</b>	9	0	0	0	9
Kalamazoo	40.0	81.5	2,004	970	<b>48.4</b>	19.1	<b>1.8</b>	162	6	3	8	0	<b>17</b>	5	0	1	0	6
Lansing	35.8	85.1	3,456	2,032	<b>58.8</b>	11.2	<b>0.5</b>	218	5	2	3	0	<b>10</b>	0	0	0	0	0
Muskegon/MuskHts	52.1	90.4	1,627	1,030	<b>63.3</b>	18.2	<b>2.1</b>	160	17	2	2	0	<b>21</b>	3	2	1	0	6
Pontiac	35.2	84.3	1,887	1,195	<b>63.3</b>	7.1	<b>0.4</b>	79	2	2	1	0	<b>5</b>	0	0	1	0	1
Saginaw	54.4	95.4	1,564	1,048	<b>67.0</b>	14.2	<b>1.5</b>	123	12	3	1	0	<b>16</b>	10	0	0	0	10
<b>Subtotal</b>	<b>51.1</b>	<b>91.5</b>	<b>50,045</b>	<b>28,870</b>	<b>57.7</b>	<b>16.6</b>	<b>2.3</b>	<b>3,954</b>	<b>391</b>	<b>150</b>	<b>124</b>	<b>8</b>	<b>673</b>	<b>129</b>	<b>27</b>	<b>15</b>	<b>0</b>	<b>171</b>
<b>Michigan</b>	<b>27.0</b>	<b>71.3</b>	<b>250,212</b>	<b>88,486</b>	<b>35.4</b>	<b>8.8</b>	<b>0.9</b>	<b>6,647</b>	<b>489</b>	<b>181</b>	<b>155</b>	<b>8</b>	<b>833</b>	<b>216</b>	<b>36</b>	<b>31</b>	<b>0</b>	<b>283</b>

Sources:

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

Target Community populations calculated from 2006-2008 American Community Survey 3-Year Estimates

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**  
**14 Target Communities in Michigan**  
**Comparing CY2008 and CY2009**  
**Children less than Six Years of Age**

City	Children Under Age	Children Tested					Children with Elevated Blood Lead Levels (EBLL)						Children with Highly Elevated Blood Lead Levels					
		Number Tested		Percentage Tested			Number w/BLL >= 10 ug/dL			Percentage w/EBLL			Number w/BLL 20 to 44 ug/dL			Number w/BLL >= 45 ug/dL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	Δ	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	Δ	CY 2008	CY 2009	Δ
Battle Creek	4,403	1,323	1,293	30.0	29.4	-0.7	14	18	4	1.0	1.4	0.4	2	3	1	0	0	0
Benton Harbor	1,180	529	409	44.8	34.7	-10.2	23	19	-4	4.4	4.7	0.2	2	4	2	0	0	0
Dearborn	10,850	3,219	3,287	29.7	30.3	0.6	22	16	-6	0.7	0.5	-0.2	2	2	0	0	0	0
Detroit	67,991	32,105	31,969	47.2	47.0	-0.2	981	832	-149	3.1	2.6	-0.5	155	143	-12	18	10	-8
Flint	10,294	2,372	2,321	23.0	22.5	-0.5	33	24	-9	1.4	1.0	-0.4	7	4	-3	0	2	2
Grand Rapids	17,349	4,296	4,084	24.8	23.5	-1.2	104	69	-35	2.4	1.7	-0.7	21	12	-9	1	0	-1
Hamtramck	2,269	1,163	1,228	51.3	54.1	2.9	19	25	6	1.7	2.1	0.4	4	1	-3	0	0	0
Highland Park	983	507	511	51.6	52.0	0.4	41	29	-12	8.2	5.8	-2.4	5	8	3	1	0	-1
Jackson	3,101	963	995	31.0	32.1	1.0	11	18	7	1.2	1.8	0.7	0	9	9	1	0	-1
Kalamazoo	5,785	1,659	1,598	28.7	27.6	-1.1	28	30	2	1.7	1.9	0.2	8	12	4	0	0	0
Lansing	10,016	3,330	3,522	33.3	35.2	1.9	18	15	-3	0.5	0.4	-0.1	3	4	1	0	0	0
Muskegon/MuskHts	4,721	1,593	1,785	33.7	37.8	4.1	41	32	-9	2.6	1.8	-0.8	4	3	-1	0	0	0
Pontiac	5,685	2,225	2,057	39.1	36.2	-3.0	17	8	-9	0.8	0.4	-0.4	5	3	-2	0	0	0
Saginaw	4,817	1,697	1,613	35.2	33.5	-1.7	33	25	-8	2.0	1.6	-0.4	7	5	-2	0	0	0
<b>Subtotal</b>	<b>149,444</b>	<b>56,980</b>	<b>56,672</b>	<b>38.1</b>	<b>37.9</b>	<b>-0.2</b>	<b>1,384</b>	<b>1,160</b>	<b>-224</b>	<b>2.4</b>	<b>2.1</b>	<b>-0.3</b>	<b>225</b>	<b>213</b>	<b>-12</b>	<b>21</b>	<b>12</b>	<b>-9</b>
<b>Michigan</b>	<b>753,753</b>	<b>153,248</b>	<b>154,291</b>	<b>20.3</b>	<b>20.5</b>	<b>0.1</b>	<b>1,686</b>	<b>1,403</b>	<b>-283</b>	<b>1.1</b>	<b>0.9</b>	<b>-0.2</b>	<b>277</b>	<b>255</b>	<b>-22</b>	<b>23</b>	<b>12</b>	<b>-11</b>

Sources:

Target Community populations calculated from 2006-2008 American Community Survey 3-Year Estimates

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)

February 5, 2010

**Childhood Lead Poisoning Data Facts**  
**14 Target Communities in Michigan**  
**Comparing CY2008 and CY2009**  
**Children One and Two Years of Age**

City	Children 1 & 2 yrs of	Children Tested					Children with Elevated Blood Lead Levels (EBLL)						Children with Highly Elevated Blood Lead Levels					
		Number Tested		Percentage Tested			Number w/BLL >= 10 ug/dL			Percentage w/EBLL			Number w/BLL 20 to 44 ug/dL			Number w/BLL >= 45 ug/dL		
		CY 2008	CY 2009	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	Δ	CY 2008	CY 2009	Δ %	CY 2008	CY 2009	Δ	CY 2008	CY 2009	Δ
Battle Creek	1,514	935	895	61.8	59.1	-2.6	8	12	4	0.9	1.3	0.5	2	2	0	0	0	0
Benton Harbor	397	262	240	66.1	60.5	-5.6	18	13	-5	7.0	5.5	-1.5	2	3	1	0	0	0
Dearborn	3,644	1,771	1,806	48.6	49.6	1.0	14	11	-3	0.8	0.6	-0.2	2	1	-1	0	0	0
Detroit	22,486	14,301	13,800	63.6	61.4	-2.2	542	459	-83	3.8	3.3	-0.5	102	80	-22	12	7	-5
Flint	3,458	1,473	1,373	42.6	39.7	-2.9	16	15	-1	1.1	1.1	0.0	6	2	-4	0	1	1
Grand Rapids	5,894	3,169	2,970	53.8	50.4	-3.4	73	52	-21	2.3	1.8	-0.6	15	7	-8	1	0	-1
Hamtramck	728	610	591	83.8	81.2	-2.6	11	11	0	1.8	1.9	0.0	3	0	-3	0	0	0
Highland Park	321	218	233	67.9	72.6	4.7	22	15	-7	10.2	6.6	-3.6	3	6	3	1	0	-1
Jackson	1,065	612	687	57.5	64.5	7.1	9	16	7	1.5	2.4	0.9	0	8	8	1	0	-1
Kalamazoo	2,004	975	970	48.7	48.4	-0.2	16	17	1	1.6	1.8	0.1	4	8	4	0	0	0
Lansing	3,456	1,943	2,032	56.2	58.8	2.6	13	10	-3	0.7	0.5	-0.2	3	3	0	0	0	0
Muskegon/MuskHts	1,627	874	1,030	53.7	63.3	9.6	23	21	-2	2.7	2.1	-0.6	1	2	1	0	0	0
Pontiac	1,887	1,309	1,195	69.4	63.3	-6.0	9	5	-4	0.7	0.4	-0.3	3	1	-2	0	0	0
Saginaw	1,564	1,106	1,048	70.7	67.0	-3.7	18	16	-2	1.6	1.5	-0.1	2	1	-1	0	0	0
<b>Subtotal</b>	<b>50,045</b>	<b>29,559</b>	<b>28,870</b>	<b>59.1</b>	<b>57.7</b>	<b>-1.4</b>	<b>791</b>	<b>673</b>	<b>-118</b>	<b>2.7</b>	<b>2.3</b>	<b>-0.4</b>	<b>148</b>	<b>124</b>	<b>-24</b>	<b>15</b>	<b>8</b>	<b>-7</b>
<b>Michigan</b>	<b>250,212</b>	<b>88,649</b>	<b>88,486</b>	<b>35.4</b>	<b>35.4</b>	<b>-0.1</b>	<b>984</b>	<b>833</b>	<b>-151</b>	<b>1.1</b>	<b>0.9</b>	<b>-0.2</b>	<b>176</b>	<b>155</b>	<b>-21</b>	<b>17</b>	<b>8</b>	<b>-9</b>

Sources:

Target Community populations calculated from 2006-2008 American Community Survey 3-Year Estimates

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)

February 5, 2010

Laboratories Analyzing and Reporting Blood Lead Specimens to MDCH CLPPP  
Specimens Drawn in Calendar Year 2009

		Number of Specimens Reported	% of Total Reported
<b>out-of-state private labs:</b>			
ACL Industrial Tox Lab	West Allis, WI	28	<0.1
ACM Medical Lab	Rochester, NY	1	<0.1
Advanced Toxicology Network	Memphis, TN	1,083	0.6
Assoc Reg & Univ Path	Salt Lake City, UT	13,780	7.0
Bellin Hospital Lab	Green Bay, WI	48	<0.1
Labcorp of America	Dublin, OH	2	<0.1
Labcorp of America	Burlington, NC	3,292	1.7
Marshfield Lab	Marshfield, WI	12	<0.1
Mayo Medical Lab	Rochester, MN	9,326	4.7
2 Medtox Labs	St Paul, MN	6,886	3.5
Pathology Labs	Toledo, OH	89	0.1
Pacific Toxicology	Chatsworth, CA	44	<0.1
Promedica Health System	Toledo, OH	826	0.4
Quest Diagnostics IL	Wood Dale, IL	191	0.1
Quest Diagnostics VA	Chantilly, VA	8	<0.1
Quest Nichols Institute CA	San Juan Capistrano, CA	2	<0.1
South Bend Med Foundation	South Bend, IN	680	0.3
Specialty Labs	Valencia, CA	639	0.3
St Vincent Mercy Med	Toledo, OH	60	<0.1
2 Tamarac Medical	Littleton, CO	129	0.1
<b>subtotal</b>		<b>37,126</b>	<b>18.8</b>
<b>in-state public labs:</b>			
1 Bay County Hlth Dept EPSDT	Bay City	198	0.1
1 Bay County Hlth Dept Lab	Bay City	336	0.2
1 City of Detroit Hlth Dept CLP	Detroit	3,908	2.0
1 Detroit Hlth Dept lab	Detroit	1,318	0.7
1 Genesee County Hlth Dept	Flint	10	<0.1
1 Grand Traverse County Hlth Dept	Traverse City	258	0.1
1 Guidance Ctr HS	Southgate	69	<0.1
1 Huron County Hlth Dept	Bad Axe	417	0.2
1 ICHD-Child Health Center	Lansing	127	0.1
1 ICHD-Well Child Clinic	Lansing	236	0.1
1 Ingham County Hlth Dept WIC	Lansing	4,234	2.1
1 Kent County Hlth Dept Lab	Grand Rapids	3,308	1.7
2 MDCH Lab	Lansing	39,346	20.0
1 Mid Michigan Community Action Agency WIC	Midland	444	0.2
1 Mott Children's Hlth Ctr	Flint	239	0.1
1 Muskegon County Hlth Dept	Muskegon	581	0.3
1 Sanilac County Hlth Dept	Sandusky	392	0.2
1 St Johns Hlth System-Butzel	Detroit	41	0.2
1 St Johns Hlth System-Hazel Park	Ferndale	10	<0.1
1 St John Hlth System-Nolan	Detroit	1	<0.1
1 Starfish Family Svcs	Inkster	129	0.1
1 Stottlemeyer Early C C	Westland	102	0.1
1 Tuscola County Hlth Dept	Caro	425	0.2
1 Western Wayne Fam Hlth Ctr	Inkster	16	<0.1
1 YWCA Of West Wayne Co HS	Redford	33	<0.1
<b>subtotal</b>		<b>56,178</b>	<b>28.4</b>

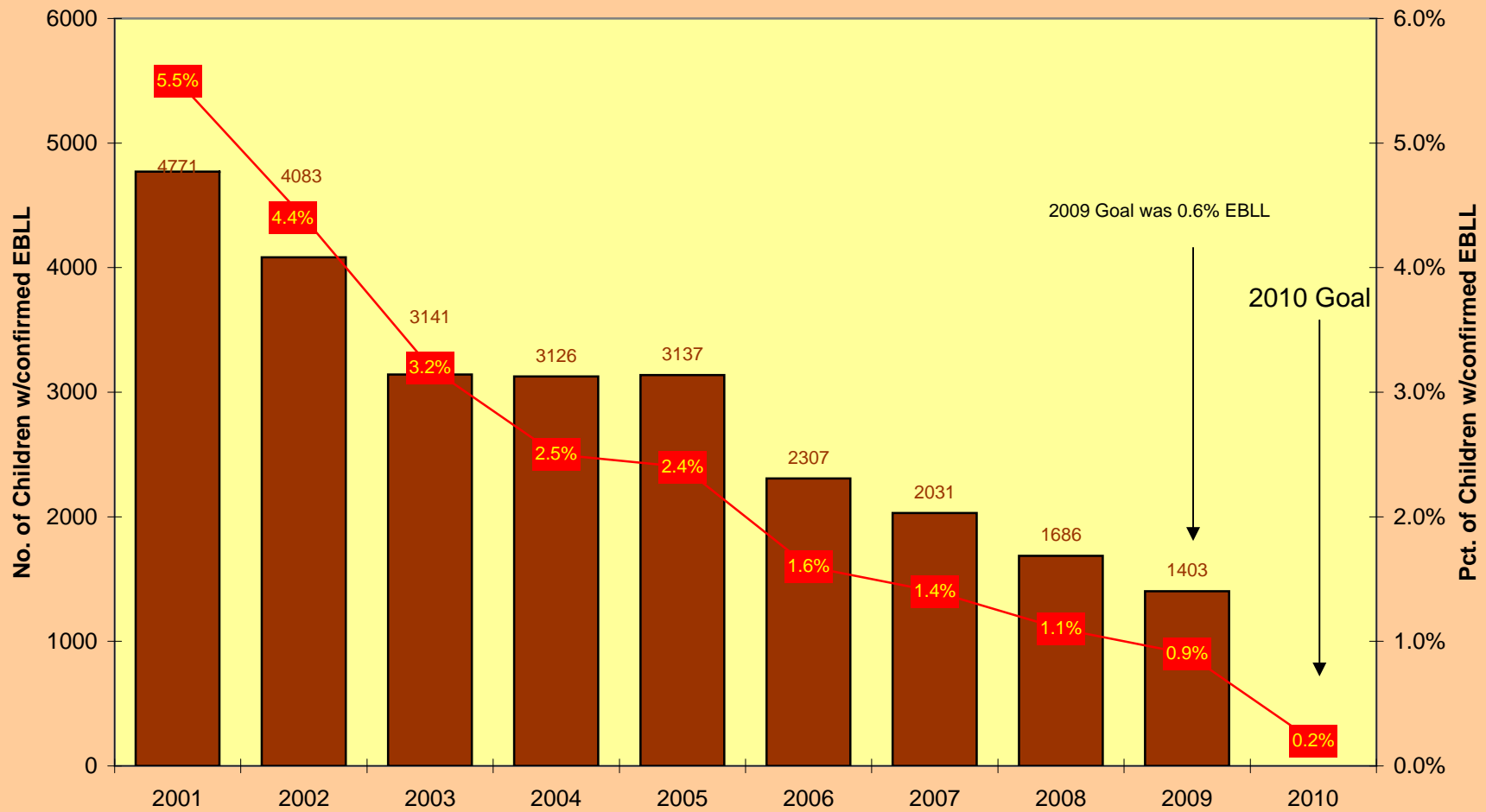
		Number of Specimens Reported	% of Total Reported
<b>in-state private labs:</b>			
Biotech Clinical Labs	Farmington Hills	301	0.2
1 Brentwood Pediatrics	Livonia	101	0.1
1 Capital Area Pediatrics	Lansing	66	<0.1
1 Chass Center Inc	Detroit	50	<0.1
1 Child & Adolescent Center	Southgate	257	0.1
1 Childrens Health Care PLLC	Mt Pleasant	43	<0.1
1 Clinton Preferred Pediatrics	Clinton Twp	194	0.1
1 Day One Healthcare	Battle Creek	176	0.1
DMC Laboratories	Detroit	31,128	15.8
Drug Analysis & Tox Lab	Ann Arbor	3,959	2.0
1 Eastman and Wozniak MDPC	Birmingham	47	<0.1
1 Family Care Medical Center	Detroit	337	0.2
1 Forest Hills Pediatrics	Grand Rapids	180	0.1
1 Gerber Memorial Hlth	Fremont	273	0.1
1 Grand Traverse Band Family Health	Suttons Bay	17	<0.1
1 Gunderson, Dr Paul	Manistee	203	0.1
1 Hackley Community Care Center	Muskegon	217	0.1
1 Hackley Lakeshore Hospital	Shelby	260	0.1
1 Hasan, Dr Kamal	Davison	101	0.1
1 Health Specialists of Lenawee	Tecumseh	103	0.1
Henry Ford Hospital Lab	Detroit	6,464	3.3
1 Jackson Pediatrics	Jackson	321	0.2
1 Kids Creek Children's Clinic	Traverse City	476	0.2
Marquette General Hospital	Marquette	1,984	1.0
Mt Clemens Reg Med Ctr	Mt Clemens	1,394	0.7
1 Northside Pediatrics	Battle Creek	225	0.1
1 Pediatric & Adolescent Medicine	Ludington	296	0.2
1 Pediatric Care Corner	West Bloomfield	537	0.3
1 Pediatric Healthcare	Sterling Hts	55	<0.1
1 Pediatric Healthcare Association IHA	Ypsilanti	403	0.2
1 Pullukat, Dr Annamma	Pontiac	281	0.1
Quest Diagnostics MI	Auburn Hills	14,256	7.2
1 Regional Medical Lab	Battle Creek	1,993	1.0
1 Roth & Shah, Drs	Beverly Hills	518	0.3
1 Sacred Heart Pediatrics	Grass Lake	44	<0.1
1 Shanavas, Dr T O	Adrian	62	<0.1
1 Southwestern Med CC Lab	Berrien Springs	731	0.4
Sparrow Regional Lab	Lansing	3,312	1.7
2 Spectrum Hlth	Grand Rapids	6,509	3.2
1 Thorrez Medical Practice	Ypsilanti	103	0.1
1 Trestlewood Pediatrics	Portage	138	0.1
Warde Medical	Ann Arbor	26,083	13.2
1 Zara, Dr S E	Riverview	39	<0.1
<b>subtotal</b>		<b>104,237</b>	<b>52.8</b>
<b>Unidentified Labs</b>	<b>Various</b>	<b>30</b>	<b>&lt;0.1</b>
<b>Total</b>		<b>197,571</b>	<b>100.0</b>

1 LeadCare hand-held analyzer  
2 filter paper analysis possible



## Childhood Lead Poisoning in Michigan

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



Children Tested:

87,875    92,767    100,181    125,417    132,913    141,011    149,449    153,248    154,291

February 5, 2010