

MEDICAID BLOOD LEAD TESTING

*Michigan Department
of Community Health*



March 2012

Blood Lead Testing Methodology

- **Children must have been eligible for one of the following programs in March 2012**
 - Medicaid Managed Care (MC)
 - enrolled in a Medicaid Health Plan (MHP)
 - Medicaid Fee-for-Service (FFS)
 - enrolled for Medicaid Only FFS coverage
 - Medicaid and CSHCS Dual Eligible (Duals)
 - dually eligible for both Medicaid and CSHCS
- **Blood Lead testing results include children tested:**
 - on or before indicated birthday for 2 and 3 year old
 - at any time between ages 1 to 6
- **Unique Client Identifier (UCI) used to establish link between Medicaid and lead databases.**

Blood Lead Testing Summary

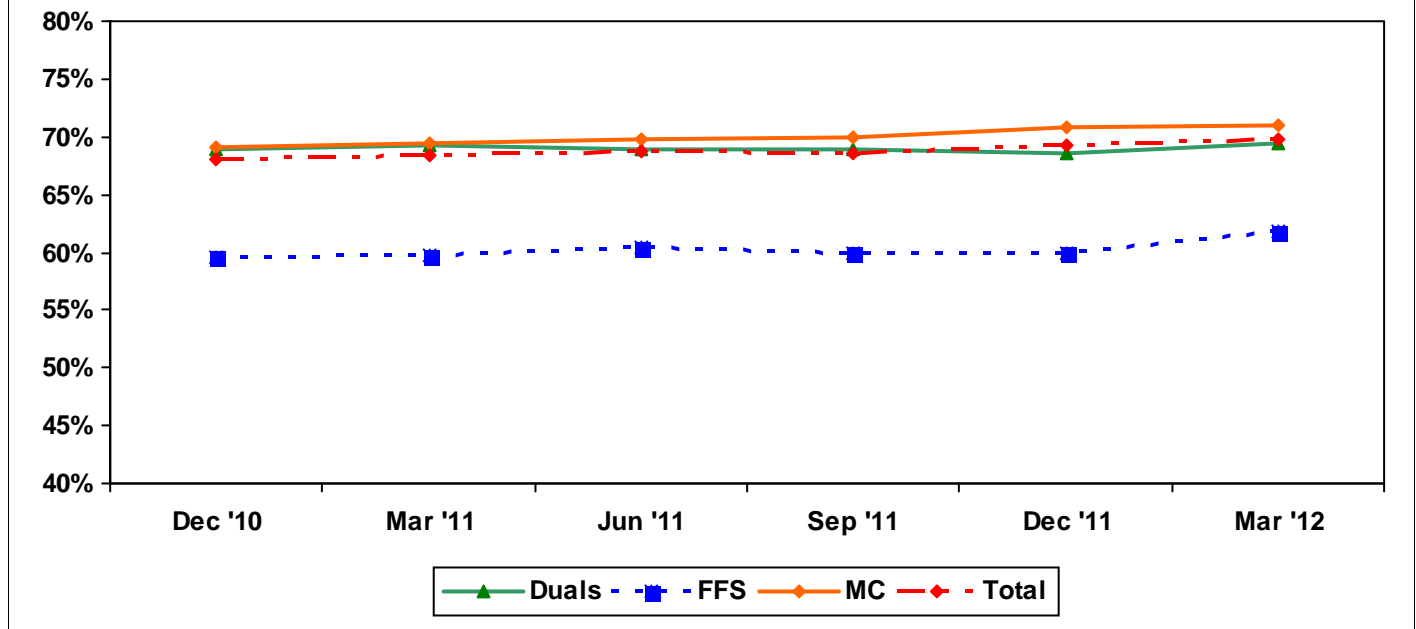
- **2 year old children tested on or before their 2nd birthday**

- 70% Statewide
- 70% City of Detroit
- 71% Statewide for Medicaid MC
 - 77% Statewide for Medicaid MC with 12-Month Continuous Enrollment
- 62% Statewide for Medicaid Only FFS Eligibles
- 69% Statewide for CSHCS Duals

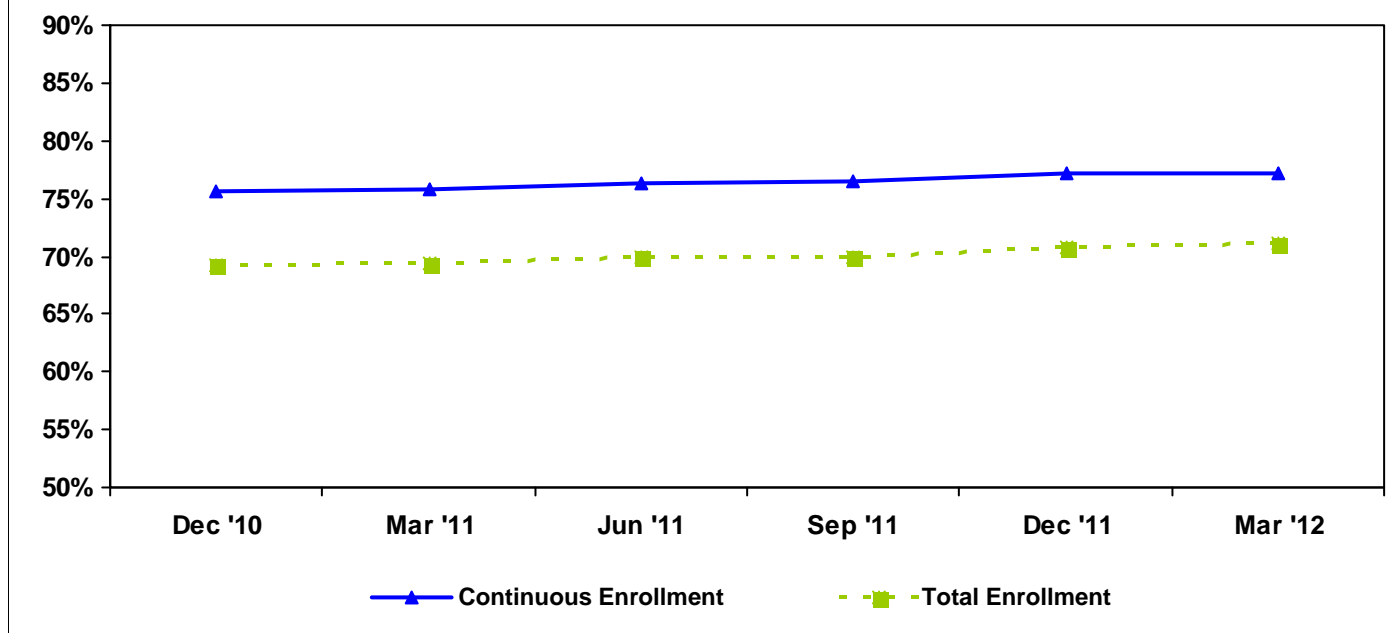
- **3 year old children tested on or before their 3rd birthday**

- 76% Statewide
- 81% City of Detroit
- 78% Statewide for Medicaid MC
 - 83% Statewide for Medicaid MC with 12-Month Continuous Enrollment
- 67% Statewide for Medicaid Only FFS Eligibles
- 77% Statewide for CSHCS Duals

Children Receiving at Least One Blood Lead Test on or before Second Birthday by Program Eligibility



Managed Care Enrolled Children Receiving at Least One Lead Test on or before Second Birthday



Total Enrollment

-Enrolled in measurement month

Continuous Enrollment

-Based on MMIS eligibility system

-Enrolled in same health plan for the measurement month and 12 months preceding 2nd birthday, with a 1-month allowable gap.

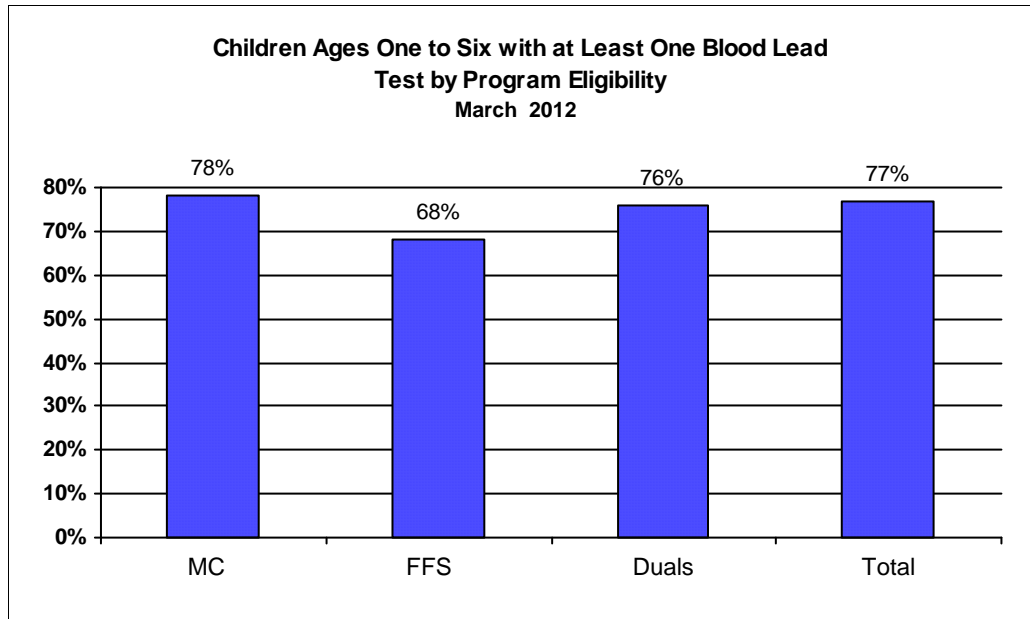
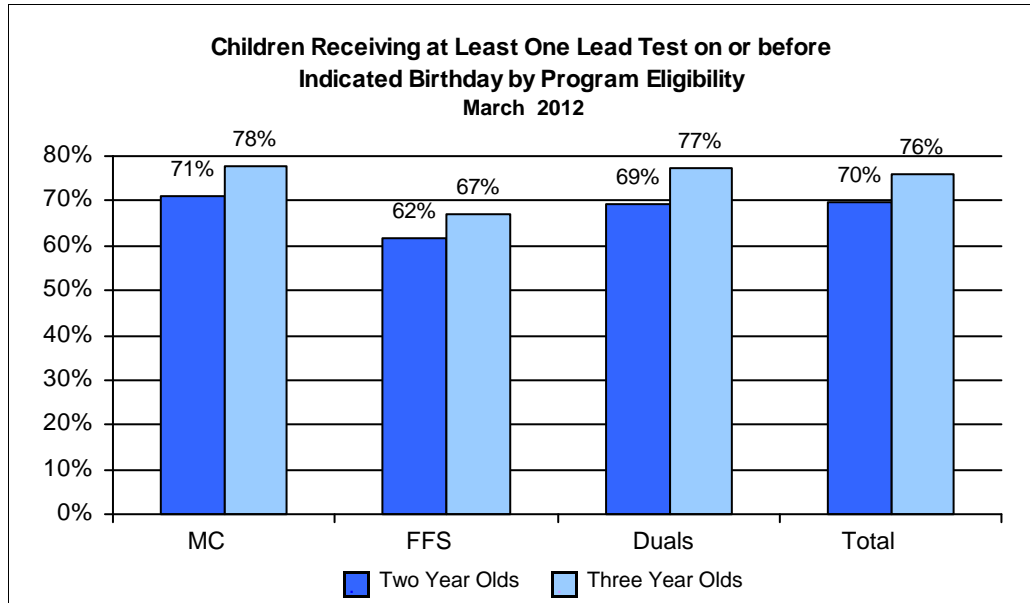


Table 1. Percent of Children with at Least One Blood Lead Test on or before their Second Birthday

Program	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
MC	69.4%	69.5%	69.7%	69.9%	69.7%	69.9%	69.9%	70.2%	70.6%	70.8%	70.9%	71.1%	71.1%
FFS	59.7%	59.7%	59.8%	60.4%	61.1%	59.9%	59.9%	60.7%	60.5%	59.9%	60.9%	61.1%	61.9%
Duals	69.2%	69.7%	69.4%	68.9%	69.1%	68.9%	68.9%	69.4%	69.6%	68.6%	68.9%	69.8%	69.4%
Total	68.3%	68.4%	68.6%	68.7%	68.7%	68.5%	68.5%	68.9%	69.2%	69.3%	69.5%	69.7%	69.8%

Table 2. Percent of Children with at Least One Blood Lead Test on or before their Third Birthday

Program	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
MC	75.6%	75.7%	75.9%	76.2%	76.6%	76.8%	76.8%	77.1%	77.1%	77.2%	77.4%	77.6%	77.6%
FFS	66.1%	65.8%	66.0%	66.1%	66.8%	66.6%	66.6%	66.9%	66.5%	66.8%	67.2%	67.7%	67.0%
Duals	76.3%	75.8%	76.1%	77.2%	77.2%	77.5%	77.5%	77.4%	77.0%	77.1%	77.2%	77.2%	77.5%
Total	74.5%	74.5%	74.8%	75.0%	75.5%	75.4%	75.4%	75.6%	75.7%	75.8%	76.0%	76.2%	76.1%

Table 3. Percent of Children Ages One to Six with at Least One Blood Lead Test

Program	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
MC	76.0%	76.4%	76.4%	76.8%	76.7%	78.5%	78.5%	78.5%	78.7%	78.9%	78.5%	78.6%	78.3%
FFS	66.9%	67.1%	67.3%	67.3%	67.2%	68.1%	68.1%	68.2%	67.7%	68.0%	68.0%	68.3%	67.9%
Duals	75.5%	75.8%	75.6%	76.2%	75.7%	76.8%	76.8%	77.0%	76.6%	76.6%	76.2%	75.9%	75.7%
Total	75.0%	75.2%	75.4%	75.6%	75.6%	77.0%	77.0%	77.0%	77.1%	77.3%	77.0%	77.1%	76.8%

**Table 4. Statewide Blood Lead Testing of Two and Three Year Old Children for All Programs
March 2012**

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
ALCONA	36	30	83%	26	21	81%
ALGER	44	38	86%	39	34	87%
ALLEGAN	636	374	59%	617	401	65%
ALPENA	164	126	77%	169	136	80%
ANTRIM	116	94	81%	116	92	79%
ARENAC	64	47	73%	103	92	89%
BARAGA	44	39	89%	50	43	86%
BARRY	287	209	73%	298	231	78%
BAY	586	483	82%	566	472	83%
BENZIE	72	50	69%	83	63	76%
BERRIEN	1,115	760	68%	1,062	805	76%
BRANCH	332	239	72%	320	237	74%
CALHOUN	973	684	70%	1,040	820	79%
CASS	334	220	66%	306	216	71%
CHARLEVOIX	127	96	76%	122	94	77%
CHEBOYGAN	147	108	73%	144	104	72%
CHIPPEWA	225	179	80%	198	164	83%
CLARE	246	191	78%	218	186	85%
CLINTON	244	183	75%	247	190	77%
CRAWFORD	71	53	75%	81	53	65%
DELTA	221	177	80%	221	179	81%
DICKINSON	129	108	84%	125	104	83%
EATON	476	357	75%	486	399	82%
EMMET	145	108	74%	133	100	75%
GENESEE	3,124	2,074	66%	3,350	2,370	71%
GLADWIN	128	103	80%	117	96	82%
GOGEBIC	78	55	71%	83	71	86%
GRAND TRAVERSE	416	276	66%	424	284	67%
GRATIOT	269	193	72%	260	187	72%
HILLSDALE	272	189	69%	317	235	74%
HOUGHTON	168	117	70%	195	153	78%
HURON	169	137	81%	157	130	83%
INGHAM	1,585	1,186	75%	1,624	1,351	83%
IONIA	370	271	73%	392	301	77%
IOSCO	145	88	61%	146	126	86%
IRON	68	53	78%	72	64	89%
ISABELLA	333	205	62%	331	212	64%
JACKSON	986	792	80%	1,064	880	83%
KALAMAZOO	1,421	1,087	76%	1,427	1,185	83%
KALKASKA	135	98	73%	130	86	66%
KENT	4,027	3,141	78%	4,039	3,257	81%
KEWEENAW	11	8	73%	3	2	67%

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
LAKE	67	52	78%	84	74	88%
LAPEER	412	240	58%	423	295	70%
LEELANAU	64	44	69%	72	57	79%
LENAWEE	610	482	79%	562	462	82%
LIVINGSTON	468	349	75%	524	336	64%
LUCE	34	32	94%	37	34	92%
MACKINAC	43	34	79%	47	38	81%
MACOMB	3,968	2,489	63%	3,911	2,605	67%
MANISTEE	123	105	85%	131	110	84%
MARQUETTE	309	223	72%	282	228	81%
MASON	202	178	88%	187	161	86%
MECOSTA	262	176	67%	234	167	71%
MENOMINEE	113	89	79%	118	89	75%
MIDLAND	386	236	61%	368	289	79%
MISSAUKEE	97	67	69%	103	78	76%
MONROE	760	573	75%	734	559	76%
MONTCALM	414	275	66%	427	323	76%
MONTMORENCY	47	40	85%	48	41	85%
MUSKEGON	1,359	855	63%	1,424	1,106	78%
NEWAYGO	366	284	78%	338	259	77%
OAKLAND	4,235	3,043	72%	4,309	3,274	76%
OCEANA	246	205	83%	237	197	83%
OGEMAW	142	97	68%	138	113	82%
ONTONAGON	23	18	78%	24	22	92%
OSCEOLA	166	117	70%	150	111	74%
OSCODA	44	27	61%	45	36	80%
OTSEGO	148	108	73%	166	118	71%
OTTAWA	1,152	635	55%	1,126	681	60%
PRESQUE ISLE	53	42	79%	48	39	81%
ROSCOMMON	135	107	79%	147	118	80%
SAGINAW	1,395	1,117	80%	1,388	1,178	85%
SAINT CLAIR	900	580	64%	946	630	67%
SAINT JOSEPH	511	318	62%	524	390	74%
SANILAC	266	186	70%	250	196	78%
SCHOOLCRAFT	40	34	85%	46	42	91%
SHIAWASSEE	387	283	73%	379	304	80%
TUSCOLA	302	258	85%	323	267	83%
VAN BUREN	559	330	59%	556	385	69%
WASHTENAW	1,317	754	57%	1,200	801	67%
DETROIT, CITY OF	9,972	6,940	70%	9,887	7,960	81%
WAYNE, ex Detroit	4,945	3,148	64%	5,078	3,697	73%
WEXFORD	234	174	74%	285	211	74%
MICHIGAN	57,815	40,370	70%	58,207	44,307	76%

Table 5. Statewide Blood Lead Testing of Two and Three Year Old Children Enrolled in Managed Care

March 2012

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
ALCONA	32	29	91%	20	16	80%
ALGER	32	27	84%	32	28	88%
ALLEGAN	489	303	62%	466	324	70%
ALPENA	147	116	79%	139	113	81%
ANTRIM	99	82	83%	93	77	83%
ARENAC	52	37	71%	80	73	91%
BARAGA	33	30	91%	30	25	83%
BARRY	206	160	78%	178	148	83%
BAY	505	420	83%	483	408	84%
BENZIE	56	37	66%	62	47	76%
BERRIEN	980	681	69%	919	716	78%
BRANCH	279	208	75%	268	205	76%
CALHOUN	804	565	70%	867	689	79%
CASS	282	186	66%	269	196	73%
CHARLEVOIX	93	73	78%	80	63	79%
CHEBOYGAN	109	82	75%	103	75	73%
CHIPPEWA	133	106	80%	116	94	81%
CLARE	218	175	80%	182	161	88%
CLINTON	202	158	78%	190	147	77%
CRAWFORD	59	45	76%	65	45	69%
DELTA	180	149	83%	180	147	82%
DICKINSON	105	89	85%	107	93	87%
EATON	390	303	78%	414	346	84%
EMMET	104	83	80%	94	69	73%
GENESEE	2,765	1,855	67%	2,956	2,132	72%
GLADWIN	111	89	80%	98	81	83%
GOGEBIC	66	48	73%	61	53	87%
GRAND TRAVERSE	331	232	70%	348	235	68%
GRATIOT	224	167	75%	213	162	76%
HILLSDALE	223	161	72%	254	190	75%
HOUGHTON	146	104	71%	162	128	79%
HURON	134	115	86%	121	100	83%
INGHAM	1,363	1,038	76%	1,409	1,177	84%
IONIA	298	219	73%	311	245	79%
IOSCO	128	79	62%	130	113	87%
IRON	57	47	82%	61	54	89%
ISABELLA	281	180	64%	270	185	69%
JACKSON	798	653	82%	872	732	84%
KALAMAZOO	1,198	933	78%	1,215	1,028	85%
KALKASKA	111	85	77%	115	81	70%
KENT	3,328	2,623	79%	3,356	2,751	82%
KEWEENAW	10	8	80%	2	1	50%

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
LAKE	58	46	79%	73	64	88%
LAPEER	339	206	61%	346	254	73%
LEELANAU	49	35	71%	48	41	85%
LENAWEE	514	415	81%	451	373	83%
LIVINGSTON	397	298	75%	418	266	64%
LUCE	24	22	92%	27	25	93%
MACKINAC	29	23	79%	30	24	80%
MACOMB	3,419	2,209	65%	3,351	2,294	68%
MANISTEE	94	80	85%	101	86	85%
MARQUETTE	262	196	75%	250	203	81%
MASON	175	155	89%	155	135	87%
MECOSTA	223	153	69%	200	143	72%
MENOMINEE	88	65	74%	87	66	76%
MIDLAND	315	198	63%	302	243	80%
MISSAUKEE	78	55	71%	90	72	80%
MONROE	616	474	77%	595	461	77%
MONTCALM	331	234	71%	347	265	76%
MONTMORENCY	44	38	86%	43	36	84%
MUSKEGON	1,175	744	63%	1,179	937	79%
NEWAYGO	297	235	79%	288	226	78%
OAKLAND	3,630	2,652	73%	3,649	2,848	78%
OCEANA	198	170	86%	191	162	85%
OGEAW	113	76	67%	112	91	81%
ONTONAGON	21	16	76%	18	16	89%
OSCEOLA	133	97	73%	123	94	76%
OSCODA	35	23	66%	41	34	83%
OTSEGO	125	96	77%	145	104	72%
OTTAWA	844	481	57%	834	517	62%
PRESQUE ISLE	43	35	81%	39	31	79%
ROSCOMMON	113	88	78%	125	99	79%
SAGINAW	1,210	984	81%	1,224	1,054	86%
SAINT CLAIR	769	516	67%	798	552	69%
SAINT JOSEPH	411	265	64%	429	325	76%
SANILAC	233	170	73%	213	175	82%
SCHOOLCRAFT	29	24	83%	36	35	97%
SHIAWASSEE	326	249	76%	330	274	83%
TUSCOLA	254	219	86%	265	225	85%
VAN BUREN	464	286	62%	469	335	71%
WASHTENAW	1,098	645	59%	1,004	686	68%
DETROIT, CITY OF	8,933	6,266	70%	8,784	7,114	81%
WAYNE, ex Detroit	4,259	2,749	65%	4,340	3,230	74%
WEXFORD	173	129	75%	215	159	74%
MICHIGAN	49,102	34,897	71%	49,156	38,127	78%

**Table 6. Statewide Blood Lead Testing of Two and Three Year Old Children Eligible for Medicaid Only Fee-for-Service Coverage
March 2012**

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
ALCONA	3	0	0%	5	4	80%
ALGER	10	9	90%	7	6	86%
ALLEGAN	134	63	47%	137	69	50%
ALPENA	15	9	60%	24	17	71%
ANTRIM	13	8	62%	20	12	60%
ARENAC	9	7	78%	17	13	76%
BARAGA	11	9	82%	20	18	90%
BARRY	78	46	59%	108	75	69%
BAY	72	55	76%	77	58	75%
BENZIE	15	12	80%	16	11	68%
BERRIEN	125	74	59%	127	74	58%
BRANCH	47	29	62%	46	28	61%
CALHOUN	150	102	68%	149	111	74%
CASS	49	32	65%	35	20	57%
CHARLEVOIX	29	19	66%	35	26	74%
CHEBOYGAN	37	25	68%	38	27	71%
CHIPPEWA	87	70	80%	79	67	85%
CLARE	25	14	56%	33	22	67%
CLINTON	37	21	57%	52	38	73%
CRAWFORD	10	6	60%	12	4	33%
DELTA	36	24	67%	38	29	76%
DICKINSON	24	19	79%	16	9	56%
EATON	77	49	64%	65	47	72%
EMMET	36	22	61%	35	28	80%
GENESEE	296	174	59%	333	193	58%
GLADWIN	17	14	82%	17	13	76%
GOGEBIC	10	5	50%	22	18	82%
GRAND TRAVERSE	75	36	48%	69	43	62%
GRATIOT	39	22	56%	45	23	51%
HILLSDALE	46	26	57%	54	38	70%
HOUGHTON	19	10	53%	29	22	76%
HURON	32	21	66%	35	29	83%
INGHAM	195	127	65%	188	150	80%
IONIA	63	45	71%	71	49	69%
IOSCO	14	7	50%	11	9	82%
IRON	11	6	55%	10	9	90%
ISABELLA	47	23	49%	54	23	43%
JACKSON	150	107	71%	162	123	76%
KALAMAZOO	195	132	68%	176	129	73%
KALKASKA	20	11	55%	14	4	29%
KENT	608	447	74%	606	447	74%
KEWEENAW	1	0	0%	1	1	100%

County	2 Years of Age			3 Years of Age		
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday
LAKE	8	5	63%	10	9	90%
LAPEER	66	29	44%	71	38	54%
LEELANAU	15	9	60%	23	15	65%
LENAWEE	86	59	69%	102	82	80%
LIVINGSTON	62	44	71%	91	57	63%
LUCE	8	8	100%	9	8	89%
MACKINAC	12	9	75%	17	14	82%
MACOMB	485	244	50%	493	270	55%
MANISTEE	27	23	85%	27	21	78%
MARQUETTE	42	24	57%	32	25	78%
MASON	23	20	87%	28	23	82%
MECOSTA	32	17	53%	32	22	69%
MENOMINEE	24	23	96%	31	23	74%
MIDLAND	55	26	47%	58	40	69%
MISSAUKEE	15	9	60%	12	6	50%
MONROE	131	89	68%	123	85	69%
MONTCALM	71	37	52%	70	49	70%
MONTMORENCY	2	1	50%	5	5	100%
MUSKEGON	163	99	61%	220	152	69%
NEWAYGO	61	43	70%	44	28	64%
OAKLAND	528	338	64%	576	365	63%
OCEANA	44	31	70%	40	30	75%
OGEMAW	25	19	76%	26	22	85%
ONTONAGON	2	2	100%	4	4	100%
OSCEOLA	27	17	63%	24	14	58%
OSCODA	8	3	38%	4	2	50%
OTSEGO	20	9	45%	16	10	63%
OTTAWA	271	134	49%	263	145	55%
PRESQUE ISLE	8	5	63%	6	5	83%
ROSCOMMON	19	16	84%	20	18	90%
SAGINAW	164	118	72%	143	106	74%
SAINT CLAIR	114	54	47%	135	72	53%
SAINT JOSEPH	84	43	51%	83	56	67%
SANILAC	31	15	48%	30	15	50%
SCHOOLCRAFT	10	9	90%	10	7	70%
SHIAWASSEE	53	28	53%	45	27	60%
TUSCOLA	43	36	84%	50	35	70%
VAN BUREN	83	36	43%	82	48	59%
WASHTENAW	195	95	49%	166	93	56%
DETROIT, CITY OF	901	579	64%	936	702	75%
WAYNE, ex Detroit	608	352	58%	656	408	62%
WEXFORD	54	39	72%	66	48	73%
MICHIGAN	7,647	4,733	62%	7,967	5,340	67%

**Table 7: Blood Lead Testing of Two Year Old Children by Length of Enrollment
March 2012**

Health Plan Name	Total Enrollment			Continuous Enrollment			
	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Eligibles	Eligibles with at least 1 test on or before their 2nd birthday	Percent of Eligibles with at least 1 test on or before their 2nd birthday	Percentage Point Difference with Continuous Enrollment
BlueCaid	761	495	65%	438	312	71%	6
Care Source	1,352	976	72%	763	584	77%	4
Great Lakes Health Plan	9,738	7,082	73%	5,953	4,657	78%	6
Health Plan of MI	12,596	9,072	72%	7,295	5,856	80%	8
HealthPlus Partners	2,518	1,904	76%	1,763	1,428	81%	5
McLaren Health Plan	3,281	2,398	73%	2,013	1,597	79%	6
Midwest Health Plan	2,668	1,602	60%	1,493	992	66%	6
Molina Healthcare of Michigan	8,216	5,847	71%	5,336	4,023	75%	4
OmniCare	1,432	991	69%	989	721	73%	4
PHP of Mid Michigan Family Care	776	591	76%	460	382	83%	7
Priority Health Government Programs	2,680	1,864	70%	1,521	1,143	75%	6
Procure Health Plan	220	112	51%	89	44	49%	-1
Total Health Care	1,677	1,025	61%	1,019	685	67%	6
Upper Peninsula Health Plan	1,215	953	78%	791	695	88%	9
Managed Care Totals/Percent	49,130	34,912	71%	29,923	23,119	77%	6
Current Performance Monitoring Standard			N/A			80%	
FFS (Title XIX only)	7,675	4,744	62%	1,432	992	69%	7
FFS (Title V/XIX)	1,070	741	69%	-344	-245	71%	2
FFS Totals (Title XIX & V/XIX)	8,745	5,485	63%	1,088	747	69%	6

Total Enrollment

- Based on MMIS eligibility system
- Enrolled in plan (health plan or FFS) for the measurement month

Continuous Enrollment

- Based on MMIS eligibility system
- Enrolled in same plan (health plan or FFS) for the measurement month and 12 months preceding 2nd birthday, with 1-month allowable gap

**Table 8. Blood Lead Testing of Three Year Old Children by Length of Enrollment
March 2012**

Health Plan Name	Total Enrollment			Continuous Enrollment			
	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday	Eligibles	Eligibles with at least 1 test on or before their 3rd birthday	Percent of Eligibles with at least 1 test on or before their 3rd birthday	Percentage Point Difference with Continuous Enrollment
BlueCaid	799	533	67%	526	382	73%	6
Care Source	1,307	1,009	77%	800	663	83%	6
Great Lakes Health Plan	9,646	7,563	78%	6,220	5,229	84%	6
Health Plan of MI	12,314	9,472	77%	7,475	6,255	84%	7
HealthPlus Partners	2,723	2,154	79%	1,990	1,644	83%	4
McLaren Health Plan	3,197	2,471	77%	2,064	1,682	81%	4
Midwest Health Plan	2,710	2,030	75%	1,658	1,335	81%	6
Molina Healthcare of Michigan	8,420	6,694	80%	5,839	4,856	83%	3
OmniCare	1,430	1,160	81%	1,013	847	84%	3
PHP of Mid Michigan Family Care	772	660	85%	496	451	91%	6
Priority Health Government Programs	2,742	2,045	75%	1,681	1,344	80%	5
Procure Health Plan	150	100	67%	73	48	66%	-1
Total Health Care	1,774	1,258	71%	1,093	851	78%	7
Upper Peninsula Health Plan	1,201	994	83%	823	732	89%	6
Managed Care Totals/Percent	49,185	38,143	78%	31,751	26,319	83%	5
FFS (Title XIX only)	8,000	5,356	67%	1,908	1,396	73%	6
FFS (Title V/XIX)	1,086	841	77%	841	664	79%	2
FFS Totals (Title XIX & V/XIX)	9,086	6,197	68%	2,749	2,060	75%	7

Total Enrollment

- Based on MMIS eligibility system
- Enrolled in plan (health plan or FFS) for the measurement month

Continuous Enrollment

- Based on MMIS eligibility system
- Enrolled in same plan (health plan or FFS) for the measurement month and 12 months preceding 3rd birthday, with 1-month allowable gap