

Table 4F
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Racial and Ethnic Distribution by Local Agency
Children Aged < 5 Years (2)

Comparison of Racial and Ethnic Distribution								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
01DHD#2	1,761	90.5	0.1	3.8	0.2	0.0	5.5	0.0
02LMAS	870	70.3	0.2	0.8	4.5	0.5	23.7	0.0
04DHD#4	1,717	88.2	0.2	2.4	0.2	0.2	8.7	0.0
05NWMCHA	2,950	86.8	0.8	3.1	2.9	0.5	5.8	0.0
06CMDHD	4,949	87.3	1.3	4.4	0.3	0.5	6.1	0.0
07West UP	1,428	86.9	0.4	2.6	0.6	1.5	8.1	0.0
08Barry	2,807	85.1	2.2	6.6	0.0	0.3	5.6	0.0
09Bay	2,607	70.7	2.6	14.7	0.0	0.2	11.5	0.0
10Gr Trav	2,001	85.1	0.9	5.5	0.6	0.3	7.2	0.0
11Berrien	4,263	44.2	38.5	7.8	0.1	0.8	8.4	0.0
12BHS	5,252	75.5	1.9	15.7	0.0	0.1	6.8	0.0
13Calhoun	4,631	50.3	19.7	9.8	0.2	5.6	14.2	0.0
14Leelanau	692	68.8	0.4	19.7	2.2	0.1	8.4	0.0
15Intercar	13,410	58.3	3.7	30.7	0.1	1.0	5.5	0.0
17Chippewa	1,166	47.3	0.4	3.6	16.8	0.6	31.2	0.1
19Mid-Mich	3,824	81.6	0.4	13.2	0.1	0.2	4.6	0.0
21Delta	1,480	85.8	0.1	3.9	0.1	0.1	10.1	0.0
22Iron	1,049	89.3	0.2	2.1	0.1	0.1	7.7	0.0
25Genesee	11,445	42.2	37.2	7.2	0.0	0.3	13.1	0.0

(1) Reporting period is January 1 through December 31

(2) Analyses based on one record per child

(3) Excludes records with unknown data errors.

(4) Prenatal program participation

* Percentages are not calculated if <100 records are available for analysis after exclusions

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30HDI	2,301	10.6	52.2	31.0	0.1	0.4	5.6	0.0
32Huron	779	88.3	0.5	7.1	0.1	0.0	3.6	0.0
33Ingham	7,419	35.9	24.4	19.9	0.0	5.7	13.9	0.0
35Keweenaw	269	2.2	0.0	5.2	82.9	0.0	9.3	0.4
37Ionia	1,739	83.6	0.3	10.8	0.0	0.1	5.2	0.0
38Jackson	4,907	61.9	13.4	8.7	0.0	0.3	15.6	0.0
39Kalamazo	2,991	54.7	18.3	11.8	0.0	1.2	13.9	0.0
40Kal Fam	3,736	31.4	41.2	14.0	0.2	0.7	12.6	0.0
41Kent	18,987	32.3	21.8	31.9	0.1	3.8	10.1	0.0
43DHD#10	8,213	78.3	1.3	14.1	0.1	0.1	6.0	0.0
44Lapeer	1,953	85.2	0.6	7.9	0.2	0.1	6.1	0.0
45Tuscola	1,547	85.9	0.5	8.4	0.1	0.0	5.1	0.0
46CAA	2,214	62.2	1.9	27.4	0.0	0.0	8.4	0.0
47Livingst	1,901	88.1	0.7	5.1	0.1	0.6	5.4	0.1
50Macomb	11,089	56.5	24.4	3.5	0.0	5.6	10.0	0.0
51DCS	3,005	67.4	8.7	12.7	0.0	1.9	9.4	0.0
52Marquett	1,223	80.6	0.2	3.8	0.5	0.2	14.6	0.0
56MMCAA	1,863	90.2	0.9	3.4	0.1	0.3	5.0	0.0
58Monroe	3,133	78.4	4.7	8.1	0.1	0.1	8.4	0.0

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61Muskegon	6,724	50.5	24.1	12.7	0.1	0.2	12.3	0.1
63Oakland	14,994	45.9	30.9	13.5	0.1	2.2	7.4	0.0
73Saginaw	4,368	44.2	25.8	20.5	0.0	0.3	9.0	0.0
74St Clair	3,584	71.7	5.0	9.2	0.0	0.1	13.9	0.1
76Sanilac	918	88.3	0.4	8.4	0.0	0.1	2.7	0.0
78Shiawass	1,947	85.3	0.2	7.0	0.0	0.1	7.2	0.0
81Washtena	5,591	32.1	37.2	12.2	0.2	4.4	13.7	0.0
82Wayne	21,232	57.1	26.6	5.9	0.1	3.5	6.7	0.0
89Urban L	13,057	15.2	69.6	10.7	0.1	1.1	3.3	0.0
90Detroit	29,954	7.9	73.5	14.6	0.1	1.8	2.2	0.0
Michigan	250,091	49.4	26.9	13.4	0.3	1.8	8.1	0.1
Nation (Prior Year)	668,017	48.5	24.6	12.0	0.7	2.7	7.7	3.9

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Table 5F
2014 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Age Distribution by Local Agency
Children Aged < 5 Years ⁽²⁾

Run Date: 05/12/2015

Comparison of Age Distribution				
Local Agency	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
01DHD#2	1,761	35.3	22.9	44.9
02LMAS	870	28.2	26.1	49.1
04DHD#4	1,717	33.0	24.5	45.9
05NWMCHA	2,950	32.6	24.8	46.0
06CMDHD	4,949	30.6	26.3	46.6
07West UP	1,428	31.9	22.3	48.2
08Barry	2,807	33.7	25.5	45.2
09Bay	2,607	30.2	27.9	45.2
10Gr Trav	2,001	32.7	26.6	44.0
11Berrien	4,263	34.2	25.3	44.1
12BHS	5,252	33.2	25.4	44.1
13Calhoun	4,631	32.7	25.7	44.9
14Leelanau	692	32.1	24.4	45.4
15Intercar	13,410	28.4	27.1	47.7
17Chippewa	1,166	34.3	22.8	45.7
19Mid-Mich	3,824	34.0	24.6	44.5
21Delta	1,480	34.1	25.9	43.0
22Iron	1,049	32.9	24.7	46.7
25Genesee	11,445	38.7	23.4	40.4
30HDI	2,301	30.9	22.8	49.2
32Huron	779	32.6	20.8	48.7
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Local Agency	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
35Keweenaw	269	26.0	26.0	50.6
37Ionia	1,739	32.5	25.6	44.5
38Jackson	4,907	31.5	25.4	45.7
39Kalamazo	2,991	36.9	23.1	42.3
40Kal Fam	3,736	32.5	22.2	47.6
41Kent	18,987	33.4	23.7	45.8
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56MMCAA	1,863	33.9	22.4	46.9
58Monroe	3,133	32.9	26.0	45.2
61Muskegon	6,724	30.3	26.0	46.2
63Oakland	14,994	38.3	21.9	42.2
73Saginaw	4,368	35.9	23.2	43.2
74St Clair	3,584	33.5	25.8	43.9
76Sanilac	918	35.2	24.2	42.7
78Shiawass	1,947	34.4	24.0	45.2
81Washtena	5,591	32.0	24.8	46.3

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82Wayne	21,232	38.3	22.2	41.8
89Urban L	13,057	36.1	21.8	45.1
90Detroit	29,954	37.1	21.9	43.5
Michigan	250,091	34.6	21.1	44.2
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Table 6F
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3)												
Local Agency	Birth Weight (4)			Height and Weight (5,6)						Anemia Low Hb/Hct (7)		
	Low	High		Short Stature	Under-Weight	Obese		>= 2 Yrs Overweight and obese				
	Number	% <2500 g	% >4000 g	Number	%	%	%	Number	% Overweight	% Obese	Number	%
01DHD#2	393	6.6	8.9	1,713	5.8	3.0	12.0	749	18.3	15.5	1,205	14.4
02LMAS	169	10.7	8.3	852	2.6	4.6	8.1	412	18.7	10.2	587	11.9
04DHD#4	384	8.1	6.8	1,677	5.9	1.6	12.7	753	18.2	17.4	1,107	15.6
05NWMCHA	613	6.2	9.6	2,865	6.0	3.8	10.7	1,301	18.7	14.3	2,059	7.4
06CMDHD	1,104	8.2	8.3	4,841	6.5	2.6	10.2	2,210	17.6	15.5	3,391	8.6
07West UP	295	5.8	8.8	1,384	6.1	2.9	8.6	654	15.1	10.6	962	10.6
08Barry	632	6.0	7.9	2,736	4.7	3.0	10.1	1,212	18.3	13.4	1,912	8.5
09Bay	552	8.0	8.9	2,543	7.0	1.7	11.3	1,121	17.3	16.0	1,799	8.6
10Gr Trav	481	10.2	9.6	1,889	3.9	4.6	10.0	838	16.7	13.5	1,241	16.3
11Berrien	1,022	9.6	7.5	4,108	5.1	3.6	9.2	1,787	15.7	12.9	2,786	11.3
12BHS	1,187	7.8	6.7	5,099	7.3	2.0	12.2	2,202	18.5	16.4	3,430	5.2
13Calhoun	1,059	9.1	6.9	4,508	7.4	2.4	13.6	2,003	18.5	15.7	3,193	16.3
14Leelanau	150	4.7	10.0	674	3.0	3.9	10.5	304	14.8	16.1	471	7.9
15Inter-car	2,727	7.0	8.7	13,065	4.7	2.4	11.2	6,124	17.6	15.4	9,273	24.4

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(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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	Low	High		Short Stature	Under-Weight	Obese	>= 2 Yrs Overweight and obese					
	Number	% <2500 g	% >4000 g	Number	%	%	%	Number	% Overweight	% Obese	Number	%
17Chippewa	268	4.5	12.7	1,133	4.8	2.5	11.7	506	18.0	13.4	697	13.3
19Mid-Mich	790	7.1	9.1	3,720	6.4	1.5	11.0	1,617	18.7	14.7	2,615	4.0
21Delta	356	7.6	12.6	1,437	6.1	1.5	9.8	598	16.4	14.9	978	2.8
22Iron	227	5.3	7.0	1,022	6.6	1.1	10.8	465	17.2	13.8	718	6.5
25Genesee	2,880	12.2	4.9	11,210	8.4	1.9	10.4	4,494	16.3	13.5	7,319	20.8
30HDI	468	10.5	5.1	2,205	7.7	2.0	14.1	1,077	19.3	16.2	1,622	6.9
32Huron	147	7.5	12.2	770	5.2	1.9	14.8	372	15.6	21.5	556	5.6
33Ingham	1,841	8.5	7.1	7,264	6.1	1.9	9.9	3,057	16.8	12.5	4,908	11.5
35Keweenaw	47 *	*		264	3.4	4.2	22.3	130	23.1	27.7	165	23.0
37Ionia	389	6.4	5.1	1,698	5.1	3.2	9.2	746	16.5	14.9	1,202	8.1
38Jackson	1,098	7.8	6.8	4,774	4.6	4.7	9.8	2,152	21.3	15.8	3,299	18.0
39Kalamazo	718	10.7	9.5	2,875	6.0	3.3	10.9	1,210	17.1	13.8	1,947	26.2
40Kal Fam	807	11.6	6.1	3,626	6.4	2.1	12.0	1,708	17.2	13.9	2,601	26.2
41Kent	4,148	10.1	7.4	18,363	7.1	1.9	11.1	8,317	16.5	14.0	12,751	11.0

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	Number	% <2500 g	% >4000 g	Number	%	%	%	Number	% Overweight	% Obese	Number	%
43DHD#10	1,769	7.6	8.3	7,946	6.1	1.6	11.2	3,647	19.6	16.4	5,654	13.4
44Lapeer	455	6.2	7.5	1,906	5.6	1.6	9.2	799	20.0	14.0	1,314	9.9
45Tuscola	357	8.7	6.7	1,504	6.4	2.2	10.0	676	17.3	14.5	1,034	4.8
46CAA	565	7.3	6.5	2,160	6.5	1.9	12.0	878	16.7	18.2	1,358	11.7
47Livingst	458	7.9	9.4	1,852	5.5	1.6	7.9	783	18.4	12.0	1,305	6.0
50Macomb	2,794	9.6	6.4	10,856	5.8	1.7	11.1	4,400	16.1	14.0	7,101	19.8
51DCS	744	9.9	7.5	2,925	6.0	1.8	10.3	1,190	18.7	15.5	1,955	14.1
52Marquett	298	5.7	8.1	1,157	5.9	1.6	11.1	513	18.9	13.1	670	7.9
56MMCAA	382	12.0	8.4	1,824	8.2	1.2	12.0	845	18.5	15.4	1,190	9.3
58Monroe	683	6.9	7.5	3,065	7.3	2.0	11.0	1,356	15.9	14.5	2,119	7.3
61Muskegon	1,494	11.8	6.9	6,509	6.0	2.6	10.5	2,975	15.5	13.5	4,619	16.6
63Oakland	3,568	11.1	6.3	14,612	6.9	2.2	9.6	6,094	15.3	12.4	9,768	15.4
73Saginaw	1,031	10.3	8.0	4,251	6.0	2.1	11.5	1,818	17.3	15.3	2,945	18.3
74St Clair	855	7.1	8.5	3,475	5.4	1.9	10.3	1,479	16.6	17.0	2,482	8.1

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(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

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	Number	% <2500 g	% >4000 g	Number	%	%	%	Number	% Overweight	% Obese	Number	%
76Sanilac	219	8.2	7.3	901	5.5	1.6	9.5	380	22.1	16.8	614	7.7
78Shiawass	429	7.9	8.9	1,890	5.4	4.0	9.0	842	18.6	12.9	1,323	13.2
81Washtena	1,211	10.0	7.4	5,439	5.9	2.0	11.6	2,475	17.5	16.4	3,888	16.4
82Wayne	5,301	10.0	6.2	20,707	5.6	2.2	10.0	8,591	15.4	12.6	13,277	22.8
89Urban L	2,919	12.5	4.9	12,588	6.0	5.1	10.6	5,622	14.5	13.7	8,703	33.2
90Detroit	7,177	12.8	4.7	28,774	6.0	3.5	9.8	12,368	15.1	13.1	19,030	23.8
Michigan	57,712	9.8	6.8	242,743	6.2	2.6	10.6	105,879	16.7	14.2	165,188	17.0
Nation (Prior Year)	145,658	9.6	7.8	652,055	6.6	2.6	10.8	284,258	16.1	13.2	410,327	15.7

(1) Reporting period is January 1 through December 31.

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(3) Excludes records with unknown data or errors.

(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
Local Agency	Breastfeeding (5)				Exclusive Breastfeeding (6)				>=2 Hours TV Viewing/Day (7)		Smoking in Household			
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastsfeed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
01DHD#2	394	64.7	319	17.9	277	12.6	270	19.3	311	5.1	874	87.3	1,754	5.9
02LMAS	169	71.0	138	21.7	159	9.4	113	26.5	137	9.5	459	83.0	864	8.9
04DHD#4	385	63.4	323	21.1	293	10.6	286	21.7	312	11.5	853	89.3	1,704	8.6
05NWMCHA	639	74.6	499	29.1	470	15.7	419	31.0	487	16.4	1,482	89.3	2,928	5.4
06CMDHD	1,109	74.2	834	21.2	894	13.2	665	18.5	814	8.5	2,527	92.0	4,933	7.7
07West UP	290	74.8	256	30.1	192	18.8	216	21.8	249	12.0	745	89.8	1,423	3.1
08Barry	640	78.8	552	22.3	483	12.2	407	17.7	521	9.0	1,385	88.7	2,802	4.4
09Bay	558	61.3	455	15.6	484	8.5	425	16.5	444	2.9	1,300	95.8	2,605	5.1
10Gr Trav	483	84.3	357	31.7	358	18.2	287	28.2	349	11.7	947	90.8	1,983	3.4
11Berrien	1,027	60.1	786	16.7	713	9.0	636	16.5	742	6.1	2,029	79.7	4,240	6.1
12BHS	1,201	77.3	974	25.3	924	12.4	812	20.6	878	10.4	2,520	82.8	5,234	4.9
13Calhoun	1,068	65.4	818	13.4	826	9.1	622	10.6	717	5.2	2,281	91.5	4,592	3.1
14Leelanau	150	86.0	124	30.6	103	24.3	105	22.9	120	10.0	338	87.0	687	7.1
15Intercar	2,815	74.9	2,017	25.2	2,322	13.2	1,580	22.6	1,805	10.8	6,852	91.7	13,256	2.0
17Chippewa	271	63.1	211	29.4	164	14.6	179	29.6	203	19.2	588	88.4	1,154	13.6
19Mid-Mich	800	81.3	721	26.1	570	13.2	563	22.9	685	10.7	1,861	88.2	3,788	5.2
21Delta	357	74.8	266	19.2	293	10.9	246	18.3	259	12.0	701	90.2	1,467	4.1

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
Local Agency	Breastfeeding (5)				Exclusive Breastfeeding (6)				≥2 Hours TV Viewing/Day (7)		Smoking in Household			
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastsfeed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
22Iron	227	67.4	188	29.8	181	17.7	161	29.2	185	14.1	525	90.3	1,046	3.0
25Genesee	2,888	55.8	2,367	14.1	1,921	7.1	1,792	10.9	2,081	5.3	4,990	78.5	11,292	5.3
30HDI	473	59.0	368	10.9	336	5.4	327	5.2	360	3.1	1,239	86.8	2,287	5.3
32Huron	148	71.6	127	23.6	96	*	104	16.3	122	4.1	412	86.4	777	6.2
33Ingham	1,853	77.2	1,309	25.7	1,208	13.3	1,012	15.4	1,211	6.4	3,484	85.5	7,352	4.0
35Keweenaw	47	*	41	*	45	*	28	*	39	*	148	89.9	267	2.2
37Ionia	390	76.9	334	18.6	351	11.1	290	16.6	327	7.0	839	84.3	1,731	6.3
38Jackson	1,101	69.8	996	16.5	874	8.4	685	14.9	928	6.1	2,472	84.9	4,904	5.2
39Kalamazo	725	68.7	578	23.5	479	10.6	463	18.6	533	9.6	1,375	88.2	2,956	2.1
40Kal Fam	817	61.8	648	18.8	536	11.4	556	15.6	606	8.4	1,926	72.4	3,715	4.6
41Kent	4,183	70.5	3,574	20.3	2,898	11.9	2,838	15.1	3,348	9.3	9,438	88.2	18,713	2.3
43DHD#10	1,776	76.6	1,359	23.1	1,481	13.1	1,188	18.1	1,320	8.6	4,215	89.3	8,171	4.8
44Lapeer	454	71.6	368	23.1	338	13.0	306	22.9	352	10.5	928	90.3	1,937	3.0
45Tuscola	359	73.8	251	19.1	246	11.8	208	14.4	241	5.8	792	94.1	1,536	4.2
46CAA	568	74.3	474	17.5	401	9.2	373	16.9	454	5.7	1,020	80.1	2,176	4.4
47Livingst	458	77.3	341	22.6	357	12.0	267	22.1	331	9.1	891	94.6	1,897	2.1
50Macomb	2,831	57.0	2,087	14.8	1,944	6.8	1,838	9.6	1,979	5.8	4,931	76.9	10,952	3.2

(1) Reporting period is January 1 through December 31.

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2014 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Run Date: 05/12/2015

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency ⁽²⁾
Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ⁽⁴⁾														
Local Agency	Breastfeeding ⁽⁵⁾				Exclusive Breastfeeding ⁽⁶⁾				≥2 Hours TV Viewing/Day ⁽⁷⁾		Smoking in Household			
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastsfeed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
51DCS	748	66.0	611	23.4	566	9.0	485	16.1	566	9.7	1,350	83.3	2,987	3.0
52Marquett	302	78.8	181	27.1	215	14.4	149	26.8	170	11.8	597	92.1	1,220	4.7
56MMCAA	383	77.8	371	27.5	289	15.2	329	23.4	358	11.5	950	89.6	1,835	4.0
58Monroe	685	62.9	560	13.8	568	9.0	481	13.7	538	5.9	1,540	90.5	3,091	5.8
61Muskegon	1,500	61.7	941	15.5	1,174	8.8	934	12.2	889	5.1	3,343	87.4	6,671	6.3
63Oakland	3,612	60.8	3,086	19.3	2,191	10.4	2,572	13.5	2,977	8.1	6,843	86.8	14,852	2.8
73Saginaw	1,037	67.1	736	13.3	658	7.8	660	9.4	654	6.1	2,002	84.4	4,285	4.4
74St Clair	855	60.8	789	12.9	686	5.4	576	12.7	758	5.1	1,731	93.5	3,556	7.0
76Sanilac	219	60.3	179	16.8	147	7.5	146	17.8	175	8.6	425	90.4	906	5.1
78Shiawass	428	71.7	404	22.0	332	15.7	301	11.3	368	4.1	913	89.4	1,909	3.8
81Washtena	1,217	80.0	1,038	29.9	934	16.8	814	21.6	984	10.7	2,812	91.1	5,511	2.1
82Wayne	5,382	52.6	4,161	17.3	3,316	8.7	3,633	8.9	4,001	5.2	9,626	83.7	21,001	3.0
89Urban L	2,956	44.5	2,244	10.0	1,871	3.8	2,139	5.8	2,201	3.8	6,356	72.6	12,981	6.2
90Detroit	7,262	46.2	5,347	12.3	4,349	5.5	4,937	6.0	5,212	3.3	14,001	73.3	29,772	8.6
Michigan	58,296	62.9	45,723	18.5	40,540	9.9	38,441	13.7	43,316	7.0	119,895	84.2	247,817	4.7
Nation (Prior Year)	140,234	64.3	85,884	26.5	67,144	15.0	67,491	12.2	67,908	8.3	174,939	78.1	368,164	6.2

(1) Reporting period is January 1 through December 31.

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 6F
2012 - 2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)
Combined 3 Years

Comparison of Growth and Anemia Indicators (3)												
Local Agency	Birth Weight (4)			Height and Weight (5,6)							Anemia Low Hb/Hct (7)	
	Low	High		Short Stature	Under-Weight	Obese	>= 2 Yrs Overweight and obese					
	Number	%	%	Number	%	%	%	Number	% Overweight	% Obese	Number	%
01DHD#2	1,180	5.7	8.5	5,101	5.7	2.7	11.8	2,217	19.0	14.9	3,482	13.8
02LMAS	531	8.7	8.3	2,633	3.1	4.2	8.7	1,310	15.9	12.4	1,780	9.5
04DHD#4	1,135	7.7	8.7	5,080	5.5	1.7	12.7	2,314	17.1	17.7	3,230	11.1
05NWMCHA	1,745	7.0	9.4	8,622	5.5	3.4	10.6	3,956	18.6	13.4	5,951	9.1
06CMDHD	3,250	7.3	8.7	14,760	5.6	2.5	10.6	6,903	18.0	15.4	10,258	8.8
07West UP	898	5.7	10.4	4,357	5.3	2.2	9.3	2,093	18.3	11.2	2,946	7.7
08Barry	1,970	7.8	8.0	8,589	4.9	3.1	10.4	3,824	18.0	13.8	5,803	6.6
09Bay	1,691	8.7	9.2	7,943	6.9	1.8	11.3	3,646	17.4	15.6	5,591	7.8
10Gr Trav	1,546	8.4	11.6	5,890	4.4	5.1	9.8	2,598	18.1	12.9	3,769	14.4
11Berrien	3,135	9.1	7.0	12,397	5.4	2.9	9.8	5,426	16.5	13.0	8,282	11.9
12BHS	3,627	8.4	8.0	15,751	6.9	2.2	12.1	7,125	17.9	15.1	10,664	6.3
13Calhoun	3,214	9.1	7.0	13,863	7.1	2.5	13.2	6,337	17.9	15.9	9,581	16.2
14Leelanau	437	7.3	10.1	1,979	4.2	4.3	11.5	947	17.4	16.1	1,346	9.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6F
2012 - 2014 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Run Date: 05/12/2015

Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years ⁽²⁾
Combined 3 Years

Comparison of Growth and Anemia Indicators ⁽³⁾												
Local Agency	Birth Weight ⁽⁴⁾			Height and Weight ^(5,6)							Anemia Low Hb/Hct ⁽⁷⁾	
	Low	High		Short Stature	Under-Weight	Obese	>= 2 Yrs Overweight and obese					
	Number	%	%	Number	%	%	%	Number	%	%	Number	%
15Inter-car	8,517	7.6	9.2	40,097	4.4	2.6	11.2	19,049	17.1	14.5	28,230	25.7
17Chippewa	751	4.8	11.7	3,367	4.9	2.3	13.0	1,570	17.1	14.5	2,194	11.6
19Mid-Mich	2,514	7.3	7.8	11,430	6.0	1.9	11.3	4,978	17.9	14.8	7,807	4.5
21Delta	1,041	7.5	12.1	4,402	5.8	1.1	10.7	1,920	16.0	15.3	2,905	2.6
22Iron	681	11.5	6.8	3,025	5.9	1.5	10.7	1,396	18.2	13.8	2,113	6.9
25Genesee	8,792	11.7	5.4	33,298	7.3	2.3	10.6	13,365	16.0	13.6	21,389	18.9
30HDI	1,447	11.7	5.3	6,808	6.5	1.7	13.7	3,419	19.3	15.2	4,912	8.7
32Huron	493	7.9	10.8	2,487	6.4	2.1	14.5	1,219	16.1	18.2	1,761	6.6
33Ingham	5,199	9.2	7.4	21,623	5.8	2.2	10.6	9,319	16.2	13.7	14,591	11.7
35Keweenaw	153	5.2	13.1	791	4.4	3.4	21.0	365	24.4	25.2	488	25.6
37Ionia	1,205	7.6	6.9	5,240	4.5	3.1	9.4	2,368	16.3	14.2	3,674	8.0
38Jackson	3,302	8.6	7.5	14,406	4.7	3.9	9.7	6,652	19.1	14.8	9,695	19.6
39Kalamazo	2,199	9.2	8.8	8,793	5.3	3.3	11.0	3,893	18.3	13.8	5,825	26.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

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Table 6F
2012 - 2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)
Combined 3 Years

Comparison of Growth and Anemia Indicators (3)												
Local Agency	Birth Weight (4)			Height and Weight (5,6)							Anemia Low Hb/Hct (7)	
	Low	High		Short Stature	Under-Weight	Obese	>= 2 Yrs Overweight and obese					
	Number	%	%	Number	%	%	%	Number	%	%	Number	%
40Kal Fam	2,434	9.5	5.9	11,032	5.8	2.6	12.1	5,195	16.2	14.0	7,943	27.4
41Kent	12,683	9.7	7.6	57,181	6.4	1.9	10.8	26,319	16.8	13.8	39,793	11.8
43DHD#10	5,305	8.0	8.5	24,395	6.0	1.7	11.3	11,559	19.3	15.8	17,197	14.8
44Lapeer	1,335	6.2	9.1	5,773	5.7	2.1	10.1	2,481	18.5	14.3	3,928	11.5
45Tuscola	1,003	7.6	7.4	4,510	6.5	2.0	9.5	2,080	16.7	13.7	3,138	6.5
46CAA	1,697	8.0	7.2	6,505	6.7	2.2	12.7	2,664	18.3	17.9	3,664	10.3
47Livingst	1,424	8.8	9.6	5,868	6.0	1.5	9.5	2,446	16.9	14.1	3,963	6.4
50Macomb	8,315	10.1	6.5	32,055	6.0	1.6	11.5	13,273	15.6	14.1	20,987	20.0
51DCS	2,271	9.0	7.5	9,116	6.5	1.7	10.9	3,782	18.4	15.8	6,022	12.8
52Marquett	869	7.6	8.2	3,552	6.2	2.2	11.5	1,618	18.2	14.3	2,096	6.6
56MMCAA	1,184	8.8	7.8	5,700	5.7	1.4	11.4	2,693	17.6	14.5	3,725	10.2
58Monroe	2,202	7.9	8.4	9,549	7.0	2.3	10.6	4,237	16.8	13.9	6,404	7.6
61Muskegon	4,632	10.6	6.4	19,882	5.6	2.8	10.0	9,217	16.7	12.9	13,771	17.8

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Michigan

Run Date: 05/12/2015

Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)
Combined 3 Years

Comparison of Growth and Anemia Indicators (3)												
Local Agency	Birth Weight (4)			Height and Weight (5,6)							Anemia Low Hb/Hct (7)	
	Low	High		Short Stature	Under-Weight	Obese	>= 2 Yrs Overweight and obese					
	Number	%	%	Number	%	%	%	Number	%	%	Number	%
63Oakland	10,931	10.8	6.7	45,092	6.3	2.3	9.2	18,907	15.4	12.3	29,632	15.3
73Saginaw	3,134	9.2	7.7	13,291	5.9	1.8	12.9	5,890	15.9	16.1	9,268	15.7
74St Clair	2,549	8.1	7.8	10,599	5.4	1.9	9.4	4,658	16.6	15.1	7,360	7.0
76Sanilac	666	9.5	8.4	2,868	4.5	2.3	9.6	1,285	20.9	14.7	1,973	6.3
78Shiawass	1,339	7.3	8.7	5,667	4.7	3.9	10.0	2,529	17.4	15.2	3,927	10.2
81Washtena	3,730	10.2	6.8	16,348	5.5	2.0	10.6	7,334	17.2	14.7	11,512	18.8
82Wayne	15,206	9.6	6.3	60,039	5.7	2.3	10.5	24,973	15.9	13.1	37,070	19.6
89Urban L	8,934	12.0	4.8	38,567	5.6	5.0	11.0	17,212	14.9	13.6	26,301	31.3
90Detroit	14,875	12.4	4.5	58,832	5.9	3.3	10.1	25,634	15.4	13.2	38,592	24.6
90IPH	7,353	12.3	4.4	29,447	6.2	4.1	10.0	13,332	14.3	12.3	19,655	24.6
Michigan	174,849	9.7	7.0	739,044	5.9	2.6	10.8	327,713	16.7	14.0	496,440	16.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this clinic's rate to other clinics. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2012 - 2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years (3)
Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
Local Agency	Breastfeeding (5)				Exclusive Breastfeeding (6)				>=2 Hours TV Viewing/Day (7)		Smoking in Household			
	Number	% Ever Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breatsfeed At Least 12 Months	Number	% Breastfeed At Least 3 Months	Number	% Breatfeed At Least 6 Months	Number	%	Number	%
01DHD#2	1,190	65.4	949	19.9	808	9.9	765	22.4	878	5.8	2,475	81.6	5,186	6.4
02LMAS	532	70.3	427	19.2	435	10.6	337	22.8	397	8.8	1,450	80.8	2,684	9.1
04DHD#4	1,135	60.4	937	19.6	895	9.3	748	22.7	816	10.8	2,600	83.8	5,167	7.3
05NWMCHA	1,930	76.8	1,504	25.7	1,416	15.4	1,219	29.4	1,405	14.2	4,413	84.9	8,792	7.6
06CMDHD	3,261	73.8	2,623	20.7	2,696	11.3	1,925	21.6	2,346	10.5	7,737	84.7	15,048	8.3
07West UP	894	75.7	745	28.9	607	14.0	553	25.0	668	13.5	2,348	87.1	4,455	3.6
08Barry	1,993	75.1	1,743	22.1	1,483	10.2	1,195	20.5	1,540	10.8	4,305	82.1	8,797	4.3
09Bay	1,712	56.9	1,437	15.6	1,485	7.9	1,088	16.4	1,236	4.3	4,106	89.2	8,098	5.8
10Gr Trav	1,550	83.9	1,094	31.3	1,110	19.2	773	30.7	1,009	13.4	2,875	86.9	6,158	3.4
11Berrien	3,152	55.7	2,267	15.5	2,127	8.7	1,587	16.9	1,891	5.9	6,068	73.8	12,752	6.1
12BHS	3,651	75.8	2,825	23.2	2,574	12.5	2,266	20.8	2,518	11.3	8,031	80.1	16,143	5.6
13Calhoun	3,229	63.0	2,411	13.6	2,339	8.2	1,743	12.1	1,923	5.0	7,043	83.4	14,119	4.3
14Leelanau	437	81.9	333	32.7	285	19.6	240	26.3	303	10.6	1,053	84.0	2,038	5.3
15Intercar	8,804	74.6	6,222	24.7	6,999	13.3	4,544	23.3	5,289	11.1	21,097	85.1	40,833	2.9
17Chippewa	756	67.2	605	27.6	496	14.3	465	31.0	524	21.2	1,791	80.8	3,480	11.9
19Mid-Mich	2,538	78.3	2,181	24.5	1,740	14.0	1,669	22.9	1,977	10.5	5,608	83.9	11,608	6.1
21Delta	1,042	70.3	799	17.1	831	10.2	669	16.6	730	7.9	2,192	84.0	4,468	4.9

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(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2012 - 2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/12/2015

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22Iron	685	70.1	567	24.2	524	14.9	433	27.3	511	11.2	1,565	86.1	3,109	3.6
25Genesee	8,822	55.3	6,927	13.2	5,423	6.4	4,853	11.4	5,646	5.4	14,618	75.0	33,522	5.7
30HDI	1,453	59.2	1,106	10.5	978	5.0	893	5.0	1,018	2.4	3,841	80.8	7,022	6.1
32Huron	495	67.1	411	18.5	324	10.5	313	20.1	351	5.7	1,330	85.2	2,518	5.6
33Ingham	5,261	75.1	4,003	23.7	3,657	13.5	2,793	14.2	3,393	6.4	10,353	80.8	21,848	3.9
35Keweenaw	153	65.4	117	17.9	131	8.4	102	8.8	111	9.9	416	85.1	799	2.0
37Ionia	1,212	72.9	1,025	19.4	1,007	10.2	819	19.5	920	10.4	2,655	76.2	5,365	7.4
38Jackson	3,320	65.8	2,999	16.9	2,578	8.8	1,948	15.9	2,554	6.9	7,435	80.4	14,861	6.3
39Kalamazo	2,215	69.4	1,613	26.2	1,440	12.6	1,222	20.5	1,399	9.7	4,374	83.0	9,012	3.0
40Kal Fam	2,465	62.5	1,861	19.8	1,620	10.6	1,522	17.1	1,636	8.7	5,808	66.6	11,328	6.1
41Kent	12,768	68.9	10,926	20.6	9,169	11.1	7,910	16.1	9,348	10.2	29,562	83.0	58,306	2.6
43DHD#10	5,318	76.2	4,046	22.0	4,365	12.2	3,270	18.8	3,719	9.0	13,039	84.5	25,072	5.7
44Lapeer	1,334	68.7	1,080	22.9	1,052	11.3	838	22.3	989	9.6	2,774	87.5	5,847	3.5
45Tuscola	1,008	70.1	785	17.7	744	10.5	592	15.9	686	5.4	2,371	85.7	4,594	4.7
46CAA	1,706	72.2	1,358	19.2	1,192	10.6	1,065	16.9	1,268	6.6	2,990	75.6	6,507	5.0
47Livingst	1,426	75.6	1,139	22.4	1,116	12.1	809	21.8	1,005	9.9	2,740	88.2	6,008	2.7
50Macomb	8,401	56.5	5,695	14.4	5,595	7.1	4,627	9.4	5,052	5.2	14,701	74.2	32,444	3.1

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51DCS	2,299	66.2	1,757	22.3	1,736	10.1	1,386	16.0	1,579	8.4	4,218	81.4	9,284	2.7
52Marquett	877	76.5	594	25.9	684	13.2	448	24.3	547	10.1	1,889	85.9	3,822	4.0
56MMCAA	1,185	78.6	1,071	25.3	898	14.5	964	25.1	1,013	11.1	2,985	85.7	5,731	4.0
58Monroe	2,209	65.0	1,747	15.7	1,718	8.6	1,341	13.5	1,490	7.2	4,729	80.9	9,708	6.0
61Muskegon	4,658	58.7	3,006	14.4	3,434	7.6	2,678	12.4	2,627	5.5	10,202	82.5	20,363	6.6
63Oakland	11,047	59.6	8,930	19.2	6,564	9.8	7,180	13.5	8,173	7.9	20,942	81.0	45,795	2.6
73Saginaw	3,152	65.1	2,163	14.1	2,023	6.7	1,817	11.0	1,757	6.6	6,486	79.3	13,416	5.8
74St Clair	2,550	58.1	2,222	13.3	1,926	5.7	1,500	13.3	1,959	6.1	5,318	85.4	10,796	7.4
76Sanilac	666	65.8	542	18.1	429	6.8	433	15.9	506	7.3	1,410	83.2	2,905	6.1
78Shiawass	1,341	72.8	1,168	23.7	1,034	11.6	823	14.1	978	5.1	2,763	85.1	5,777	4.7
81Washtena	3,748	78.9	3,091	30.7	2,867	17.1	2,369	20.1	2,806	11.3	8,208	82.7	16,577	3.3
82Wayne	15,577	54.7	11,606	18.6	9,548	8.8	9,270	8.4	10,514	5.1	27,782	79.2	61,172	3.4
89Urban L	9,023	42.5	6,507	9.9	5,392	3.8	5,822	4.3	6,041	2.7	19,250	69.5	39,761	6.5
90Detroit	14,992	46.3	10,724	11.8	8,817	5.0	9,948	5.3	10,481	2.8	28,568	70.3	60,602	9.2
90IPH	7,435	44.2	4,649	13.5	4,146	4.8	3,129	6.8	3,477	3.5	14,812	66.5	30,611	8.7
Michigan	176,744	62.0	134,673	18.4	120,527	9.5	105,034	14.0	119,125	7.2	365,531	79.2	754,822	5.2

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