

Table 4F
2013 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 03/31/2014

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	1,722	89.9	0.2	3.8	0.1	0.0	6.0	0.0
02LMAS	912	68.8	0.2	1.5	3.7	0.4	25.2	0.0
04DHD#4	1,672	87.6	0.3	2.5	0.4	0.3	9.0	0.0
05NWMCHA	2,903	86.5	0.3	3.5	1.1	0.4	8.2	0.0
06CMDHD	5,023	88.0	1.2	4.0	0.4	0.3	6.1	0.0
07West UP	1,494	87.6	0.5	2.7	0.3	1.0	7.8	0.0
08Barry	2,886	85.1	2.2	6.5	0.0	0.7	5.4	0.0
09Bay	2,728	70.0	2.2	15.7	0.0	0.2	11.7	0.0
10Gr Trav	2,126	84.7	0.7	6.3	0.7	0.4	7.1	0.0
11Berrien	4,333	43.4	40.0	7.2	0.2	0.7	8.2	0.1
12BHS	5,456	75.9	1.6	15.7	0.0	0.1	6.5	0.0
13Calhoun	4,737	49.9	20.2	10.7	0.1	4.9	14.0	0.0
14Leelanau	685	67.0	1.2	20.6	2.6	0.0	8.6	0.0
15Intercar	13,763	58.4	3.5	31.0	0.1	1.0	5.4	0.0
17Chippewa	1,175	49.3	0.5	3.2	15.3	0.4	31.1	0.1
19Mid-Mich	3,896	82.9	0.6	12.0	0.1	0.2	4.3	0.0
21Delta	1,500	86.6	0.2	4.1	0.8	0.1	8.1	0.0
22Iron	1,033	88.8	0.1	2.4	0.1	0.2	8.1	0.0
25Genesee	11,381	43.2	37.7	7.0	0.0	0.3	11.8	0.1
30HDI	2,367	10.5	53.7	31.1	0.0	0.2	4.5	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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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 %
32Huron	859	89.4	0.3	6.8	0.2	0.0	3.3	0.0
33Ingham	7,378	35.9	25.1	20.2	0.0	5.2	13.5	0.1
35Keweenaw	266	2.6	0.0	4.1	84.6	0.0	8.3	0.4
37Ionia	1,773	83.6	0.3	11.1	0.0	0.0	5.0	0.0
38Jackson	4,926	62.7	12.5	9.0	0.1	0.3	15.3	0.0
39Kalamazo	3,036	57.5	16.4	11.6	0.0	1.3	13.1	0.0
40Kal Fam	3,795	30.2	42.3	13.6	0.1	0.7	13.0	0.0
41Kent	19,692	32.8	21.0	33.0	0.0	3.2	9.9	0.0
43DHD#10	8,341	78.3	1.3	14.1	0.1	0.1	6.1	0.0
44Lapeer	1,932	84.6	0.5	7.7	0.1	0.1	6.9	0.0
45Tuscola	1,528	85.9	0.7	7.9	0.0	0.0	5.6	0.0
46CAA	2,190	66.0	1.4	24.5	0.0	0.0	7.9	0.0
47Livingst	2,029	88.3	0.6	5.4	0.0	0.5	5.1	0.0
50Macomb	10,944	55.8	24.9	3.8	0.0	5.4	10.1	0.0
51DCS	3,096	67.4	9.0	12.4	0.0	1.6	9.7	0.0
52Marquett	1,262	81.1	0.4	3.2	0.2	0.0	14.7	0.1
56MMCAA	1,929	88.4	1.2	3.7	0.1	0.5	5.8	0.0
58Monroe	3,268	78.9	4.6	8.4	0.1	0.1	7.8	0.0
61Muskegon	6,820	51.1	24.6	12.4	0.1	0.1	11.5	0.0
63Oakland	15,081	46.7	30.7	13.6	0.1	2.0	6.9	0.0

(1) Reporting period is January 1 through December 31

(2) Analyses based on one record per child

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(4) Prenatal program participation

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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 %
73Saginaw	4,578	45.0	27.3	18.4	0.0	0.2	9.0	0.0
74St Clair	3,636	72.1	5.0	8.4	0.1	0.1	14.1	0.1
76Sanilac	951	88.0	0.5	8.3	0.0	0.1	3.0	0.0
78Shiawass	1,966	85.7	0.5	6.9	0.0	0.2	6.6	0.0
81Washtena	5,577	33.1	37.3	12.1	0.2	3.9	13.3	0.0
82Wayne	20,952	57.6	26.4	5.5	0.1	3.5	6.7	0.0
89Urban L	13,189	17.7	66.4	11.6	0.0	1.1	3.1	0.0
90Detroit	31,029	7.9	73.3	15.0	0.0	1.4	2.3	0.0
Michigan	253,913	49.7	26.8	13.6	0.3	1.6	7.9	0.1
Nation (Prior Year)	553,966	50.8	21.8	17.8	0.5	2.5	6.6	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

Table 5F
2013 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Age Distribution by Local Agency
Children Aged < 5 Years (2)

Comparison of Age Distribution				
Local Agency	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
01DHD#2	1,722	32.5	27.1	43.4
02LMAS	912	26.0	27.0	49.2
04DHD#4	1,672	27.2	31.1	45.2
05NWMCHA	2,903	29.7	27.6	45.8
06CMDHD	5,023	26.5	29.5	47.3
07West UP	1,494	29.2	23.0	50.1
08Barry	2,886	30.7	27.9	45.2
09Bay	2,728	26.0	30.4	47.3
10Gr Trav	2,126	32.1	27.6	42.6
11Berrien	4,333	32.5	26.3	44.2
12BHS	5,456	30.9	25.8	46.0
13Calhoun	4,737	29.5	27.0	46.2
14Leelanau	685	33.3	22.0	47.0
15Intercar	13,763	26.5	28.4	48.0
17Chippewa	1,175	30.7	23.0	49.4
19Mid-Mich	3,896	33.5	24.7	44.0
21Delta	1,500	28.8	31.1	44.1
22Iron	1,033	28.3	28.8	46.4
25Genesee	11,381	36.3	25.7	40.4
30HDI	2,367	26.9	25.2	50.9
32Huron	859	30.6	23.4	49.1
33Ingham	7,378	31.4	27.1	44.0

(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) Records rejected if date of birth and date of visit unknown.

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Children Aged < 5 Years (2)

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Comparison of Age Distribution				
Local Agency	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
35Keweenaw	266	25.2	32.7	45.9
37Ionia	1,773	28.3	30.1	46.5
38Jackson	4,926	27.8	27.5	47.5
39Kalamazo	3,036	32.8	25.4	44.1
40Kal Fam	3,795	30.0	25.7	47.1
41Kent	19,692	29.6	27.3	46.4
43DHD#10	8,341	26.1	28.2	48.2
44Lapeer	1,932	27.7	30.4	44.4
45Tuscola	1,528	27.9	28.7	46.4
46CAA	2,190	33.2	29.2	40.4
47Livingst	2,029	30.3	29.9	42.4
50Macomb	10,944	33.0	27.4	42.2
51DCS	3,096	31.8	29.3	41.8
52Marquett	1,262	26.7	29.5	46.1
56MMCAA	1,929	32.0	21.9	48.8
58Monroe	3,268	30.0	28.6	45.2
61Muskegon	6,820	27.3	28.5	46.8
63Oakland	15,081	34.5	25.3	42.6
73Saginaw	4,578	31.6	25.5	45.6
74St Clair	3,636	29.9	27.4	45.7
76Sanilac	951	33.6	24.3	44.8
78Shiawass	1,966	30.0	29.8	44.3
81Washtena	5,577	29.0	28.9	45.3

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2013 Pediatric Nutrition Surveillance (1)
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Children Aged < 5 Years (2)

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Comparison of Age Distribution				
Local Agency	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
82Wayne	20,952	34.6	25.8	42.2
89Urban L	13,189	32.4	25.1	45.1
90Detroit	31,029	34.3	24.0	44.4
Michigan	253,913	31.3	23.8	44.9
Nation (Prior Year)	553,966	32.8	21.0	46.2

(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) Records rejected if date of birth and date of visit unknown.

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Table 6F
2013 Pediatric Nutrition Surveillance (1)
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Run Date: 04/01/2014

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	395	4.8	7.6	1,694	6.0	3.0	12.7	724	20.7	14.8	1,146	14.7
02LMAS	188	5.9	8.0	892	2.8	3.3	8.0	432	16.0	10.4	576	9.4
04DHD#4	355	7.3	10.7	1,638	5.5	1.8	12.9	727	16.9	18.3	1,046	11.5
05NWMCHA	570	9.1	9.3	2,836	5.5	3.1	10.9	1,286	17.7	13.1	1,902	10.7
06CMDHD	1,068	7.3	9.5	4,927	5.2	2.4	11.0	2,300	18.1	15.6	3,373	9.4
07West UP	290	4.8	8.6	1,458	4.7	1.9	9.1	727	19.1	10.3	1,025	8.2
08Barry	625	6.9	7.7	2,822	5.2	2.8	10.7	1,253	18.6	13.8	1,842	5.4
09Bay	567	7.1	9.3	2,672	7.1	1.7	11.9	1,245	17.5	15.8	1,889	7.5
10Gr Trav	563	8.2	12.1	2,025	4.5	5.4	9.6	879	19.1	12.1	1,277	15.0
11Berrien	1,082	8.8	6.2	4,225	4.7	3.0	9.8	1,833	17.4	12.8	2,751	12.8
12BHS	1,290	9.5	7.4	5,337	6.5	2.1	12.3	2,424	18.7	14.9	3,518	6.2
13Calhoun	1,046	8.7	6.1	4,608	6.8	2.1	13.3	2,097	17.0	16.3	3,121	16.6
14Leelanau	160	8.8	10.6	657	5.0	4.9	11.3	306	16.7	15.7	433	10.2
15Inter-car	2,869	7.9	8.9	13,397	4.2	2.5	11.6	6,353	17.0	14.2	9,426	26.5

(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 6F
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Comparison of Growth and Anemia Indicators by Local Agency
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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	%
17Chippewa	246	4.1	11.8	1,125	4.9	2.1	14.3	544	15.3	15.1	753	14.1
19Mid-Mich	840	7.0	6.5	3,814	5.9	1.4	11.5	1,650	18.8	14.8	2,549	4.9
21Delta	346	7.2	11.8	1,466	4.8	1.0	10.8	634	17.2	14.0	963	2.6
22Iron	235	15.7	9.4	1,006	5.0	2.1	10.5	461	17.8	11.9	687	6.3
25Genesee	3,019	11.9	5.7	11,147	6.9	1.9	10.9	4,471	16.4	13.7	7,082	19.3
30HDI	475	12.4	4.6	2,301	6.0	1.2	13.3	1,162	19.8	15.1	1,623	11.3
32Huron	177	8.5	6.8	846	7.3	1.7	14.3	412	17.2	17.5	593	7.3
33Ingham	1,692	9.0	7.7	7,240	5.6	1.6	10.9	3,142	15.8	13.8	4,854	11.9
35Keweenaw	46 *	*		261	3.1	2.3	21.5	118	26.3	32.2	167	28.1
37Ionia	407	7.1	7.6	1,726	4.1	3.0	9.6	786	16.2	14.4	1,197	7.8
38Jackson	1,081	7.2	8.9	4,793	4.4	3.5	9.6	2,255	18.6	14.3	3,177	24.9
39Kalamazo	756	8.7	9.1	2,920	5.4	2.8	11.3	1,254	18.6	13.5	1,884	29.1
40Kal Fam	812	8.3	5.9	3,697	5.2	2.5	12.8	1,720	15.5	14.8	2,621	29.0
41Kent	4,094	9.8	7.1	19,083	6.2	1.9	11.0	8,728	16.8	13.9	13,168	11.5

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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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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	%
43DHD#10	1,696	7.7	8.8	8,100	5.8	1.6	11.2	3,848	19.5	15.5	5,675	14.8
44Lapeer	413	8.0	9.4	1,896	5.6	2.4	10.4	829	19.3	15.2	1,299	14.5
45Tuscola	320	5.9	8.8	1,485	6.6	2.4	9.2	670	18.4	13.7	1,039	7.3
46CAA	584	8.6	7.9	2,148	7.2	2.0	13.2	867	18.2	17.5	1,105	10.1
47Livingst	478	9.4	10.5	1,988	6.5	1.5	10.5	832	16.5	15.3	1,299	6.9
50Macomb	2,838	10.7	6.4	10,719	6.0	1.5	11.5	4,457	15.9	14.1	6,988	22.1
51DCS	766	8.0	9.4	3,028	6.0	1.6	11.3	1,244	18.9	16.1	1,966	13.1
52Marquett	261	7.3	8.4	1,147	6.0	2.1	11.5	522	18.2	14.2	697	6.7
56MMCAA	382	6.5	7.9	1,888	5.0	1.4	10.9	905	17.6	14.6	1,243	9.6
58Monroe	732	7.7	9.2	3,202	7.3	1.9	11.3	1,423	16.8	13.6	2,092	7.6
61Muskegon	1,566	10.7	6.4	6,633	5.4	2.3	10.0	3,068	16.7	12.5	4,528	17.8
63Oakland	3,531	11.0	6.2	14,756	6.3	2.1	9.0	6,214	15.3	12.0	9,629	16.6
73Saginaw	1,003	7.6	8.0	4,457	6.2	1.8	14.0	2,001	14.7	15.7	3,098	15.5
74St Clair	859	7.6	7.8	3,532	4.9	1.9	9.3	1,573	17.7	15.0	2,380	8.9

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

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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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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	%
76Sanilac	225	11.6	9.8	936	4.1	2.7	9.4	416	20.9	13.2	620	6.0
78Shiawass	470	6.6	8.1	1,911	4.3	3.4	9.9	835	18.1	15.8	1,283	11.3
81Washtena	1,257	10.5	6.5	5,448	5.2	1.7	10.4	2,431	17.5	13.9	3,845	21.0
82Wayne	5,117	9.0	6.3	20,504	5.6	2.3	11.3	8,565	16.3	14.4	12,152	17.0
89Urban L	2,907	11.9	4.7	12,758	5.5	4.0	11.4	5,690	15.0	13.6	8,561	33.8
90Detroit	7,698	12.0	4.4	30,058	5.8	3.1	10.4	13,266	15.7	13.3	19,525	25.4
Michigan	58,430	9.6	6.9	247,265	5.7	2.4	11.0	109,600	16.8	14.1	163,703	17.5
Nation (Prior Year)	129,513	9.2	7.0	249,036	5.8	2.9	10.7	112,234	16.4	13.8	330,815	14.8

(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.

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

Table 7F
2013 Pediatric Nutrition Surveillance (1)
Michigan

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 Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breastsfeed At Least 12 Months	Number	% Breastfeed At Least 3 Months	Number	% Breatfeed At Least 6 Months	Number	%	Number	%
01DHD#2	395	70.6	329	18.8	267	7.5	264	21.6	298	6.4	789	88.2	1,713	6.2
02LMAS	189	69.3	146	18.5	154	9.1	126	24.6	139	8.6	474	83.8	907	10.4
04DHD#4	355	58.3	311	16.1	320	6.9	271	18.5	292	9.6	831	89.7	1,668	7.1
05NWMCHA	635	79.2	485	23.3	489	15.7	418	25.4	465	12.3	1,430	89.9	2,888	7.0
06CMDHD	1,074	75.3	919	19.9	873	10.5	730	19.9	849	10.5	2,541	90.2	5,002	8.3
07West UP	291	79.0	240	31.3	191	12.0	175	32.6	209	18.7	801	92.0	1,487	3.5
08Barry	633	76.8	606	22.1	509	9.2	420	21.4	518	10.4	1,389	88.2	2,881	3.6
09Bay	576	58.3	489	14.1	480	7.3	401	13.5	455	5.7	1,393	94.3	2,720	5.7
10Gr Trav	564	84.2	370	28.4	357	19.3	277	26.7	345	13.0	957	90.1	2,110	3.2
11Berrien	1,089	55.0	818	14.1	699	7.9	620	15.2	717	6.3	2,025	77.3	4,303	5.7
12BHS	1,295	77.0	949	22.0	796	12.7	810	17.8	884	9.4	2,730	84.8	5,440	5.8
13Calhoun	1,049	64.8	817	13.6	817	7.2	643	10.9	682	4.4	2,296	85.7	4,693	5.0
14Leelanau	159	83.6	119	31.9	86	*	82	*	108	7.4	342	86.3	678	3.4
15Intercar	2,986	76.0	2,115	23.6	2,382	13.5	1,577	21.2	1,800	10.1	6,993	89.6	13,651	2.9
17Chippewa	247	68.8	199	24.1	148	12.2	173	24.9	190	18.9	616	83.3	1,170	13.8
19Mid-Mich	845	77.9	757	24.6	565	16.1	600	20.8	693	10.7	1,854	90.4	3,854	6.4
21Delta	346	69.7	271	15.1	274	10.6	240	15.8	249	6.0	723	90.0	1,486	5.4

(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
2013 Pediatric Nutrition Surveillance (1)
Michigan

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 Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breastsfeed At Least 12 Months	Number	% Breastfeed At Least 3 Months	Number	% Breatfeed At Least 6 Months	Number	%	Number	%
22Iron	236	77.1	184	20.1	168	11.3	152	22.4	167	9.6	517	92.3	1,030	3.7
25Genesee	3,026	55.1	2,332	13.7	1,803	6.4	1,786	11.7	1,954	5.8	4,822	79.3	11,216	5.0
30HDI	473	58.6	366	7.1	356	4.8	321	3.7	343	1.2	1,289	87.4	2,337	5.4
32Huron	179	70.4	155	16.1	105	8.6	133	16.5	143	7.0	449	84.0	857	4.7
33Ingham	1,713	76.1	1,372	22.6	1,263	14.3	1,016	12.0	1,189	5.6	3,447	86.7	7,292	3.3
35Keweenaw	46	*	36	*	47	*	40	*	35	*	133	90.2	263	2.3
37Ionia	410	68.5	348	21.0	317	12.6	301	20.3	340	13.5	875	84.3	1,768	6.7
38Jackson	1,088	64.2	1,060	16.5	871	8.8	716	14.1	876	6.2	2,448	86.0	4,919	6.7
39Kalamazo	761	69.4	574	25.4	495	13.1	443	21.4	502	9.0	1,423	87.9	2,995	3.3
40Kal Fam	824	63.8	616	20.6	541	10.7	554	15.7	578	7.4	1,919	68.8	3,776	7.0
41Kent	4,123	69.0	3,691	20.2	3,091	11.3	2,831	14.6	3,265	10.2	9,845	89.8	19,432	2.6
43DHD#10	1,694	76.2	1,418	22.0	1,502	11.2	1,178	18.9	1,351	9.1	4,296	88.9	8,295	5.7
44Lapeer	413	68.3	349	19.8	362	9.7	293	23.2	320	9.4	909	93.9	1,917	3.2
45Tuscola	320	69.4	266	16.5	263	12.9	235	13.2	249	3.6	763	91.9	1,508	4.4
46CAA	585	72.0	441	18.8	392	9.7	370	17.8	417	6.7	955	80.2	2,142	5.3
47Livingst	481	76.5	410	18.8	358	10.9	316	18.4	377	8.5	914	94.0	2,026	2.9
50Macomb	2,858	55.2	1,933	13.6	1,914	7.5	1,681	7.4	1,782	4.4	4,881	81.7	10,845	2.8

(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
2013 Pediatric Nutrition Surveillance (1)
Michigan

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 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	%
51DCS	773	64.7	581	23.8	580	11.6	516	15.5	551	8.2	1,384	90.3	3,077	2.5
52Marquett	263	73.8	220	25.9	249	11.6	164	23.2	207	7.2	611	88.9	1,257	3.4
56MMCAA	382	77.7	361	23.8	280	17.5	342	26.0	359	9.7	1,004	92.5	1,900	3.8
58Monroe	729	66.0	564	18.3	570	8.9	477	12.6	509	8.1	1,574	87.8	3,256	5.7
61Muskegon	1,578	59.0	999	14.2	1,113	6.3	1,021	11.0	981	5.7	3,407	87.6	6,778	6.6
63Oakland	3,568	58.9	3,005	18.5	2,297	8.4	2,503	12.9	2,807	7.3	6,831	86.2	14,950	2.3
73Saginaw	1,012	66.6	711	15.0	675	6.7	601	11.3	625	7.7	2,188	86.0	4,486	6.2
74St Clair	858	56.6	731	13.3	600	4.2	541	11.6	642	7.5	1,792	91.7	3,588	7.7
76Sanilac	225	68.9	200	15.5	131	6.9	171	14.6	189	5.3	455	86.8	949	6.8
78Shiawass	471	75.6	385	25.7	343	11.4	291	14.8	338	6.5	900	93.6	1,943	4.2
81Washtena	1,263	78.2	1,050	30.9	998	15.7	846	19.4	965	10.9	2,718	88.4	5,523	2.9
82Wayne	5,304	55.7	4,046	17.4	3,181	8.5	3,439	6.8	3,747	4.5	9,473	83.6	20,764	3.5
89Urban L	2,945	42.5	2,273	7.7	1,908	3.0	2,113	3.0	2,201	2.0	6,359	73.2	13,140	5.8
90Detroit	7,730	46.4	5,377	11.2	4,468	4.5	5,011	4.6	5,269	2.3	14,567	73.8	30,830	9.8
Michigan	59,096	62.3	46,002	17.7	40,663	9.2	38,235	12.7	42,178	6.7	121,357	84.4	251,786	5.2
Nation (Prior Year)	123,543	65.6	63,950	24.9	70,117	12.0	44,475	20.0	54,601	11.0	235,671	81.6	521,885	12.2

(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 6F
2011 - 2013 Pediatric Nutrition Surveillance (1)
Michigan

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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	1,206	5.6	8.9	5,103	6.0	2.7	11.7	2,203	18.7	14.8	3,367	12.6
02LMAS	532	7.1	7.3	2,734	3.4	4.1	9.5	1,356	15.3	13.9	1,840	8.6
04DHD#4	1,143	7.2	9.9	5,280	5.1	1.8	12.1	2,408	16.3	17.3	3,346	8.5
05NWMCHA	1,779	7.9	8.7	8,820	5.1	3.1	10.3	4,033	17.8	13.2	5,950	9.2
06CMDHD	3,285	6.8	8.3	15,151	5.5	2.4	10.6	7,096	17.9	15.5	10,360	9.6
07West UP	924	5.4	9.8	4,563	5.3	1.9	9.1	2,174	18.4	11.8	2,953	6.4
08Barry	2,029	8.3	8.3	9,015	5.1	3.0	10.4	4,032	17.5	14.2	6,030	5.7
09Bay	1,762	9.1	9.2	8,273	6.8	1.6	10.7	3,794	17.2	15.0	5,731	8.6
10Gr Trav	1,624	8.6	11.9	6,092	4.9	6.1	10.0	2,671	18.3	12.9	3,816	13.4
11Berrien	3,196	9.2	7.2	12,656	5.8	2.4	10.4	5,506	16.6	14.0	8,383	11.6
12BHS	3,634	8.6	8.8	16,228	6.8	2.3	11.8	7,468	17.6	14.4	11,005	7.1
13Calhoun	3,198	8.9	7.6	14,088	6.8	2.6	13.1	6,474	17.9	16.5	9,539	16.7
14Leelanau	412	8.5	9.2	1,998	5.2	4.6	12.2	988	19.7	15.4	1,380	10.1

(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
2011 - 2013 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 04/02/2014

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	8,741	7.8	9.0	41,423	4.3	2.8	11.3	19,724	17.0	14.2	28,679	26.2
17Chippewa	743	5.5	12.2	3,395	4.8	2.5	13.2	1,573	17.0	15.3	2,233	9.3
19Mid-Mich	2,584	7.3	7.0	11,727	6.0	2.4	11.3	5,105	16.7	15.3	7,847	5.5
21Delta	1,037	7.7	10.7	4,500	6.2	1.1	11.5	2,014	16.3	16.2	2,876	2.6
22Iron	693	12.3	6.5	3,027	6.0	1.6	10.9	1,410	19.3	14.3	2,087	7.5
25Genesee	8,789	11.3	5.4	33,180	7.0	2.6	10.5	13,197	15.5	13.4	20,804	18.4
30HDI	1,440	12.1	5.3	6,994	5.8	1.8	14.3	3,552	18.8	15.9	5,002	10.8
32Huron	541	8.9	10.2	2,631	7.0	2.7	14.4	1,226	15.7	17.1	1,794	7.9
33Ingham	5,124	8.9	7.7	21,633	5.5	2.8	11.0	9,341	16.7	14.1	14,397	12.1
35Keweenaw	145	4.8	9.7	716	4.5	2.5	20.0	335	23.6	23.3	418	24.9
36Sag Chip	15 *	*		87 *	*		*	44 *		*	50 *	
37Ionia	1,238	8.2	7.5	5,359	4.5	3.4	9.2	2,422	18.1	13.3	3,694	8.0
38Jackson	2,204	9.0	7.9	9,632	4.7	3.6	9.7	4,500	18.1	14.3	6,377	20.6

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

(2) Analyses based on one record per child.

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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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Table 6F
2011 - 2013 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 04/02/2014

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	%
39Kalamazo	3,228	8.7	8.6	13,736	4.8	3.6	10.1	6,196	18.4	13.9	8,718	22.5
40Kal Fam	2,088	9.5	5.9	9,447	5.5	3.1	12.1	4,411	16.1	14.0	6,650	30.2
41Kent	12,680	9.3	7.7	57,859	6.1	2.0	10.9	26,759	16.9	14.2	39,898	13.0
43DHD#10	5,560	8.3	8.6	26,504	6.1	1.8	11.3	12,562	18.8	15.7	18,416	14.5
44Lapeer	1,204	6.3	9.8	5,287	5.5	2.3	9.8	2,315	17.9	14.0	3,578	12.3
45Tuscola	1,482	7.6	7.8	6,625	6.1	2.2	9.2	3,013	16.3	13.2	4,554	7.8
46CAA	1,132	8.4	7.6	4,346	6.8	2.3	13.0	1,787	19.1	17.7	2,296	9.4
47Livingst	1,579	8.5	8.4	6,280	5.9	2.1	10.5	2,588	17.5	14.9	3,858	6.7
50Macomb	8,636	10.1	6.7	33,330	6.1	1.6	11.5	13,769	15.1	13.8	21,668	17.9
51DCS	1,527	8.6	7.5	6,191	6.8	1.7	11.2	2,592	18.3	16.0	4,029	12.2
52Marquett	1,725	8.5	6.9	7,040	6.4	2.3	11.2	3,030	17.7	15.8	4,366	8.5
56MMCAA	802	7.2	7.5	3,876	4.6	1.5	11.2	1,848	17.2	14.1	2,527	10.6
58Monroe	2,732	9.1	8.5	11,693	6.7	2.1	11.1	5,103	16.9	14.3	7,658	8.5

(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
2011 - 2013 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 04/02/2014

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	%
61Muskegon	4,823	9.8	6.1	20,555	5.2	3.3	9.8	9,476	17.1	12.8	13,864	18.8
63Oakland	11,428	10.5	6.7	46,608	6.1	2.4	8.8	19,249	15.2	12.4	30,006	15.1
73Saginaw	3,186	9.6	7.7	13,580	5.6	2.2	12.9	6,073	15.6	16.3	9,373	13.9
74St Clair	2,635	8.1	6.9	11,120	5.7	2.0	8.5	4,889	16.4	13.9	7,524	6.8
76Sanilac	447	10.1	8.9	1,967	4.0	2.7	9.6	905	20.3	13.8	1,346	5.6
78Shiawass	1,544	7.4	7.4	6,575	4.4	4.0	10.3	2,930	17.2	16.0	4,509	7.6
81Washtena	3,999	10.0	6.6	16,837	5.6	2.1	10.2	7,310	16.7	14.2	11,428	20.3
82Wayne	14,400	9.1	6.6	56,620	6.0	2.3	10.6	23,024	17.0	13.1	33,756	17.7
89Urban L	8,525	12.5	4.5	34,811	5.5	5.3	10.7	15,166	14.9	13.2	22,891	31.2
90Detroit	15,853	11.7	4.7	64,864	6.0	3.7	10.4	27,958	15.0	13.0	42,336	24.4
90IPH	7,353	12.3	4.4	29,447	6.2	4.1	10.0	13,332	14.3	12.3	19,144	24.5
Michigan	176,714	9.6	7.0	750,060	5.8	2.7	10.7	331,191	16.6	14.0	494,702	16.7

(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.

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

Table 7F
2011 - 2013 Pediatric Nutrition Surveillance (1)
Michigan

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	1,224	66.4	925	19.9	804	7.5	721	20.8	848	6.1	2,441	85.9	5,161	8.0
02LMAS	532	69.7	435	19.8	436	11.2	334	20.7	401	8.5	1,510	85.4	2,776	9.5
04DHD#4	1,142	58.1	925	18.4	947	8.6	711	21.7	802	8.9	2,732	88.4	5,358	7.6
05NWMCHA	1,976	78.7	1,540	26.2	1,445	14.7	1,232	29.8	1,415	12.4	4,523	89.8	8,978	8.6
06CMDHD	3,292	72.1	2,718	20.6	2,734	9.6	1,956	20.9	2,408	10.0	7,974	90.0	15,412	9.2
07West UP	925	76.1	754	28.4	652	12.6	538	24.2	671	12.4	2,446	92.4	4,634	3.7
08Barry	2,051	72.9	1,853	21.2	1,601	9.1	1,258	21.1	1,652	10.7	4,534	88.0	9,219	4.2
09Bay	1,783	55.9	1,491	14.8	1,537	6.8	1,124	14.9	1,289	4.3	4,257	94.5	8,392	6.5
10Gr Trav	1,626	83.0	1,094	33.9	1,121	18.1	709	32.2	994	14.6	2,959	91.3	6,336	3.1
11Berrien	3,212	52.4	2,166	14.8	2,211	8.5	1,456	15.3	1,820	5.5	6,173	77.4	12,957	6.7
12BHS	3,656	71.7	2,816	22.6	2,446	11.7	2,275	19.3	2,553	11.7	8,423	85.8	16,550	5.9
13Calhoun	3,209	60.4	2,376	13.4	2,267	6.5	1,768	11.9	1,938	4.6	7,194	87.5	14,317	5.1
14Leelanau	412	80.8	305	30.8	295	16.6	207	25.6	275	9.8	1,096	89.5	2,057	4.3
15Intercar	9,032	73.5	6,505	24.7	7,175	12.9	4,765	22.5	5,607	10.5	21,938	88.8	42,119	3.6
17Chippewa	744	69.2	572	28.3	482	14.5	452	31.9	486	22.2	1,785	85.3	3,499	9.5
19Mid-Mich	2,599	75.9	2,219	22.4	1,780	12.8	1,714	21.8	2,025	9.8	5,767	88.5	11,882	6.5
21Delta	1,037	67.3	790	18.2	776	10.2	642	16.5	716	6.0	2,299	91.4	4,542	5.5

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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.

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

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Table 7F
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Michigan

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22Iron	697	68.4	547	21.6	498	12.0	402	26.1	486	9.3	1,582	90.3	3,099	4.0
25Genesee	8,812	54.0	7,046	12.1	5,142	5.9	5,091	10.3	5,933	4.6	14,444	78.9	33,413	6.1
30HDI	1,441	58.3	1,113	9.6	976	4.1	878	4.6	1,024	1.7	3,991	84.1	7,201	7.0
32Huron	542	62.2	451	16.0	380	8.7	351	19.7	393	5.3	1,365	91.6	2,664	5.7
33Ingham	5,191	72.5	4,057	21.9	3,627	12.5	2,807	12.5	3,444	6.1	10,376	83.7	21,849	4.4
35Keweenaw	145	65.5	109	15.6	104	7.7	106	5.7	102	8.8	378	88.1	721	3.6
36Sag Chip	15	*	13	*	17	*	10	*	12	*	50	*	88	*
37Ionia	1,244	70.7	1,054	18.7	1,013	9.5	815	18.3	931	10.6	2,727	84.7	5,480	7.2
38Jackson	2,219	63.9	2,003	17.2	1,704	9.1	1,263	16.5	1,626	7.4	4,963	85.4	9,957	6.9
39Kalamazo	3,248	66.9	2,610	22.8	2,372	11.8	1,925	18.2	2,348	8.6	6,951	84.7	14,067	5.0
40Kal Fam	2,129	62.6	1,528	19.4	1,391	9.3	1,245	17.0	1,321	8.3	4,943	69.4	9,717	7.2
41Kent	12,754	66.8	10,760	20.7	9,166	10.5	7,862	15.5	9,192	9.4	30,137	87.5	58,837	3.1
43DHD#10	5,579	74.2	4,432	22.5	4,567	12.1	3,461	18.9	4,057	9.6	14,177	87.9	27,110	6.2
44Lapeer	1,204	69.0	988	21.8	954	10.4	756	19.6	909	7.8	2,551	91.6	5,347	4.8
45Tuscola	1,488	64.0	1,212	16.5	1,091	9.3	936	14.3	1,100	5.0	3,404	91.3	6,746	5.6
46CAA	1,138	71.2	884	20.1	791	11.3	692	16.9	814	7.1	1,971	79.9	4,332	5.3
47Livingst	1,589	72.9	1,213	21.4	1,118	11.5	883	19.1	1,066	9.1	2,918	85.5	6,306	3.7

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50Macomb	8,685	57.1	5,769	14.7	5,884	7.0	4,681	9.4	5,122	5.2	15,295	80.5	33,771	3.5
51DCS	1,551	66.3	1,146	21.6	1,170	10.7	901	16.0	1,013	7.7	2,868	88.7	6,297	2.5
52Marquett	1,738	71.4	1,283	23.3	1,343	10.9	1,049	17.6	1,189	7.7	3,498	86.8	7,311	3.8
56MMCAA	802	78.9	700	24.1	609	14.1	635	26.0	655	10.8	2,035	92.0	3,896	4.0
58Monroe	2,740	66.6	2,216	18.1	2,042	8.3	1,709	15.5	1,933	7.5	5,726	85.6	11,838	6.2
61Muskegon	4,847	56.5	3,184	14.4	3,413	7.0	2,780	12.4	2,811	5.2	10,538	86.1	20,958	7.0
63Oakland	11,548	58.2	8,945	19.6	6,726	9.6	7,378	12.8	8,179	7.3	21,414	83.9	47,300	2.9
73Saginaw	3,202	59.8	2,093	15.6	2,034	5.4	1,736	12.0	1,668	6.8	6,772	83.4	13,722	7.1
74St Clair	2,635	57.4	2,255	13.9	1,971	5.5	1,531	13.0	1,975	5.8	5,529	88.4	11,288	8.2
76Sanilac	447	68.5	363	18.7	282	6.4	287	15.0	331	6.6	985	87.7	1,999	6.5
78Shiawass	1,550	70.9	1,335	22.4	1,172	9.6	981	15.2	1,144	4.5	3,239	91.7	6,695	6.7
81Washtena	4,023	74.4	3,214	31.4	2,936	17.2	2,526	19.3	2,916	12.0	8,187	85.3	17,044	4.5
82Wayne	14,801	55.8	10,780	19.1	9,127	8.5	8,343	8.2	9,680	4.6	25,619	83.1	57,611	3.9
89Urban L	8,595	41.3	5,938	11.0	4,839	4.5	5,245	3.9	5,417	2.1	16,891	73.3	35,852	7.2
90Detroit	15,966	45.8	11,828	11.6	10,037	4.5	10,520	4.2	11,454	2.2	31,475	72.7	66,186	9.4
90IPH	7,435	44.2	4,649	13.5	4,146	4.8	3,129	6.8	3,477	3.5	14,812	73.4	30,611	8.7
Michigan	178,601	60.9	135,359	18.4	121,423	9.1	104,926	13.5	119,764	6.8	370,147	83.4	764,116	5.7

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