

Table 4B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Alcona	158	90.5	0.0	5.7	0.0	0.0	3.8	0.0
Alger	135	87.4	1.5	0.0	5.2	0.0	5.9	0.0
Allegan	5,982	54.3	3.4	35.2	0.1	1.7	4.9	0.5
Alpena	731	91.8	0.0	2.6	0.0	0.0	5.6	0.0
Antrim	505	89.9	0.0	4.0	0.2	0.0	5.9	0.0
Arenac	493	90.1	0.6	3.0	0.0	0.2	6.1	0.0
Baraga	263	44.5	0.0	2.3	43.7	0.0	9.5	0.0
Barry	1,270	93.3	0.6	3.5	0.0	0.0	2.6	0.1
Bay	2,566	71.2	2.1	14.7	0.0	0.2	11.7	0.1
Benzie	398	85.9	0.3	9.8	0.3	0.0	3.5	0.3
Berrien	3,968	46.0	37.0	8.3	0.2	0.7	7.3	0.6
Branch	1,508	80.6	0.6	13.8	0.0	0.1	4.7	0.1
Calhoun	4,551	50.3	19.5	10.2	0.2	6.0	13.8	0.1
Cass	1,860	49.6	6.6	31.9	0.1	0.3	9.4	2.1
Charlevoix	429	83.7	0.2	6.1	0.7	1.2	8.2	0.0
Cheboygan	554	80.9	0.5	3.4	0.2	0.5	14.4	0.0
Chippewa	1,095	45.8	0.3	4.0	17.4	0.6	31.7	0.1

(1) Reporting period is January 1 through December 31

(2) Analyses based on one record per child

(3) Excludes records with errors.

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

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County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Clare	894	87.9	0.0	6.2	0.0	0.2	5.5	0.2
Clinton	931	77.1	0.5	15.7	0.0	0.4	6.2	0.0
Crawford	345	91.6	0.3	1.7	0.0	0.0	6.4	0.0
Delta	1,097	81.0	0.0	3.7	0.1	0.1	15.0	0.0
Dickinson	652	89.1	0.2	3.5	0.0	0.0	6.7	0.5
Eaton	1,478	80.2	2.9	9.7	0.0	0.7	6.4	0.1
Emmet	721	81.6	2.4	3.3	9.3	1.2	2.2	0.0
Genesee	11,292	42.4	37.0	7.1	0.0	0.3	13.1	0.1
Gladwin	742	95.3	0.4	1.6	0.4	0.0	2.3	0.0
Gogebic	398	80.9	0.8	3.5	8.3	0.3	6.3	0.0
Gr Travers	1,894	84.1	1.0	7.5	0.4	0.2	6.7	0.3
Gratiot	1,146	76.2	0.3	19.2	0.0	0.0	4.3	0.1
Hillsdale	1,322	85.6	0.2	7.5	0.1	0.1	6.2	0.4
Houghton	828	86.7	0.2	1.2	0.0	2.8	8.9	0.1
Huron	732	88.8	0.3	6.8	0.0	0.0	4.1	0.0
Ingham	6,425	35.2	24.5	19.2	0.0	6.4	14.5	0.0
Ionia	1,698	80.6	0.4	13.4	0.0	0.2	5.4	0.0

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Table 4B
2015 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Run Date: 05/02/2016

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

Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Iosco	689	88.2	0.1	3.9	0.4	0.0	7.3	0.0
Iron	300	95.0	0.0	2.0	0.7	0.0	2.3	0.0
Isabella	1,500	78.5	3.9	4.7	1.5	1.6	9.7	0.1
Jackson	4,711	62.1	13.3	8.4	0.1	0.3	15.7	0.0
Kalamazoo	6,397	41.7	31.4	12.5	0.1	0.9	13.4	0.0
Kalkaska	410	92.4	0.0	4.6	0.0	0.0	2.9	0.0
Kent	12,351	30.4	21.5	36.8	0.1	1.1	9.8	0.2
Lake	293	62.1	12.6	8.2	0.0	0.0	17.1	0.0
Lapeer	2,071	75.5	0.9	18.1	0.1	0.1	5.3	0.1
Leelanau	241	45.2	0.8	29.0	9.5	0.4	14.1	0.8
Lenawee	2,224	60.5	1.9	27.7	0.0	0.1	9.7	0.2
Livingston	1,824	88.5	0.9	4.8	0.1	0.6	5.0	0.1
Luce	204	87.3	0.0	0.0	2.9	0.0	9.8	0.0
Mackinac	199	32.7	0.5	1.0	4.0	0.0	61.8	0.0
Macomb	11,879	52.6	25.4	6.0	0.0	4.8	11.1	0.1
Manistee	489	74.0	1.0	8.6	1.0	0.0	15.1	0.2
Marquette	1,240	78.7	0.4	4.4	0.9	0.6	14.8	0.1

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Table 4B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Mason	749	77.0	0.7	14.8	0.1	0.1	7.2	0.0
Mecosta	1,142	83.9	4.6	3.9	0.0	0.2	7.3	0.3
Menominee	454	70.9	0.0	4.8	13.9	0.0	10.4	0.0
Midland	1,786	90.0	1.2	3.6	0.0	0.3	4.7	0.2
Missaukee	387	91.7	0.0	7.0	0.0	0.0	1.3	0.0
Monroe	2,957	76.6	5.3	8.4	0.0	0.2	9.4	0.1
Montcalm	1,597	86.6	0.1	8.3	0.2	0.1	4.6	0.2
Montmorenc	176	94.3	0.6	1.1	0.6	0.0	2.8	0.6
Muskegon	6,250	50.8	23.5	12.8	0.1	0.2	12.5	0.0
Newaygo	1,695	75.6	0.4	19.1	0.1	0.1	4.4	0.4
Oakland	15,846	40.7	37.1	12.9	0.1	1.9	7.2	0.1
Oceana	947	46.9	0.1	48.0	0.2	0.0	3.9	0.8
Ogemaw	608	88.5	0.2	4.4	0.0	0.0	6.9	0.0
Ontonagon	87	*	*	*	*	*	*	*
Osceola	667	92.4	0.7	2.2	0.0	0.0	4.6	0.0
Oscoda	223	93.3	0.0	3.6	0.0	0.0	3.1	0.0
Otsego	792	94.7	0.1	1.1	0.3	0.6	3.2	0.0

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County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Ottawa	2,020	80.2	1.6	11.7	0.1	0.7	5.4	0.1
Presque Is	207	84.5	1.4	3.9	0.0	1.0	9.2	0.0
Roscommon	538	88.5	0.0	3.7	0.0	0.4	7.4	0.0
Saginaw	6,066	32.2	37.4	22.0	0.1	0.3	8.0	0.1
Sanilac	887	86.5	0.6	8.7	0.0	0.0	4.1	0.2
Schoolcraf	232	72.4	1.3	0.0	9.5	1.7	15.1	0.0
Shiawassee	1,887	84.6	0.3	7.2	0.0	0.2	7.7	0.1
St Clair	3,313	70.9	5.5	9.7	0.0	0.2	13.5	0.2
St Joseph	2,214	66.4	4.3	21.5	0.0	0.0	7.6	0.2
Tuscola	1,500	87.4	0.4	7.9	0.3	0.1	3.9	0.1
Van Buren	2,523	55.9	3.7	33.3	0.0	0.1	5.3	1.7
Washtenaw	5,310	31.3	36.6	13.2	0.2	4.2	14.3	0.2
Wayne	59,199	25.3	57.2	11.0	0.1	2.3	3.9	0.1
Wexford	1,349	91.5	0.1	4.2	0.1	0.1	4.1	0.0
Michigan	240,590	49.0	27.1	13.5	0.3	1.9	8.1	0.2
Nation (Prior Year)	911,219	48.5	22.9	14.8	0.7	3.5	9.1	0.5

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Table 5B
2015 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Age Distribution by County
Children Aged < 5 Years (2)

Run Date: 05/02/2016

Comparison of Age Distribution				
County	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Alcona	158	35.4	27.2	41.1
Alger	135	32.6	25.9	50.4
Allegan	5,982	29.8	25.8	47.8
Alpena	731	34.9	23.4	45.0
Antrim	505	32.9	25.5	45.5
Arenac	493	36.9	21.5	44.0
Baraga	263	32.3	22.1	49.8
Barry	1,270	36.1	20.9	47.2
Bay	2,566	32.9	24.6	46.1
Benzie	398	35.9	24.6	40.7
Berrien	3,968	39.9	21.3	42.8
Branch	1,508	32.4	24.9	46.2
Calhoun	4,551	35.5	22.1	46.1
Cass	1,860	33.4	23.8	46.5
Charlevoix	429	35.0	19.8	48.0
Cheboygan	554	40.1	23.1	40.4
Chippewa	1,095	36.9	21.0	45.3
Clare	894	34.3	23.9	46.5
Clinton	931	37.6	18.7	46.1

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County	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Crawford	345	39.1	24.1	39.7
Delta	1,097	36.2	22.6	44.4
Dickinson	652	35.1	23.0	46.3
Eaton	1,478	38.4	21.7	44.3
Emmet	721	39.3	22.7	42.4
Genesee	11,292	41.2	20.6	41.4
Gladwin	742	28.6	27.5	48.2
Gogebic	398	39.2	19.8	45.0
Gr Travers	1,894	34.8	24.9	43.8
Gratiot	1,146	37.4	20.2	44.7
Hillsdale	1,322	36.9	22.2	44.3
Houghton	828	35.6	19.9	47.2
Huron	732	37.8	20.1	44.0
Ingham	6,425	38.8	21.3	43.2
Ionia	1,698	35.3	24.4	44.6
Iosco	689	40.5	19.4	42.8
Iron	300	31.3	22.3	50.7
Isabella	1,500	36.9	25.1	41.8
Jackson	4,711	35.6	21.6	46.3

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Kalamazoo	6,397	37.8	20.0	44.8
Kalkaska	410	35.1	23.7	45.1
Kent	12,351	36.6	20.9	46.2
Lake	293	31.7	27.0	44.7
Lapeer	2,071	34.6	23.9	44.1
Leelanau	241	36.9	21.6	43.2
Lenawee	2,224	39.5	21.9	41.9
Livingston	1,824	36.3	22.7	45.2
Luce	204	30.9	24.0	51.0
Mackinac	199	30.7	25.6	47.7
Macomb	11,879	40.8	22.5	39.8
Manistee	489	34.4	19.8	48.5
Marquette	1,240	33.1	26.4	43.4
Mason	749	35.9	21.4	45.9
Mecosta	1,142	33.8	22.8	47.3
Menominee	454	36.3	23.8	44.5
Midland	1,786	39.7	18.6	44.5
Missaukee	387	31.5	23.8	49.4
Monroe	2,957	35.9	22.7	45.1

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Montmorenc	176	35.8	25.6	43.8
Muskegon	6,250	35.5	22.6	45.3
Newaygo	1,695	31.3	22.5	49.5
Oakland	15,846	40.9	19.8	42.0
Oceana	947	32.2	21.6	49.3
Ogemaw	608	34.2	21.1	49.0
Ontonagon	87	*	*	*
Osceola	667	29.4	23.2	51.9
Oscoda	223	42.6	17.0	44.4
Otsego	792	38.8	20.3	43.4
Ottawa	2,020	31.8	23.6	46.9
Presque Is	207	32.9	19.8	50.7
Roscommon	538	32.7	24.3	47.6
Saginaw	6,066	37.8	19.9	45.8
Sanilac	887	40.2	18.7	45.3
Schoolcraf	232	34.5	21.6	50.9
Shiawassee	1,887	36.2	21.1	46.1
St Clair	3,313	36.0	24.4	43.7

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Michigan

Run Date: 05/02/2016

Comparison of Age Distribution by County
Children Aged < 5 Years (2)

Comparison of Age Distribution				
County	Number Included in Analysis	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
St Joseph	2,214	35.3	22.0	46.1
Tuscola	1,500	34.5	21.2	48.1
Van Buren	2,523	32.5	23.1	48.9
Washtenaw	5,310	34.7	22.7	45.9
Wayne	59,199	39.7	19.5	43.6
Wexford	1,349	34.8	22.8	46.4
Michigan	240,590	37.6	18.0	44.3
Nation (Prior Year)	911,219	37.3	19.1	43.6

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

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Table 6B
2015 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Run Date: 05/02/2016

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Alcona	31	*	*	149	8.1	2.0	10.1	60	*	*	100	16.0
Alger	27	*	*	134	4.5	3.7	6.0	67	*	*	75	*
Allegan	1,251	8.1	8.1	5,807	4.6	2.6	10.9	2,739	17.3	15.7	3,978	28.2
Alpena	168	8.3	8.3	720	7.6	2.1	12.9	323	18.6	14.2	450	11.6
Antrim	89	*	*	489	6.3	4.7	9.8	218	20.2	13.3	340	6.8
Arenac	109	4.6	8.3	475	6.7	1.3	10.3	206	19.4	17.0	294	7.1
Baraga	55	*	*	251	6.4	2.0	13.5	119	21.0	19.3	157	14.0
Barry	268	10.4	8.6	1,219	5.3	3.7	7.9	569	18.6	12.5	825	8.6
Bay	523	10.1	9.6	2,504	7.8	2.2	11.0	1,137	15.7	15.3	1,740	8.0
Benzie	92	*	*	387	5.4	7.2	10.9	154	14.9	14.3	257	10.5
Berrien	1,009	10.2	7.2	3,851	5.5	4.8	9.3	1,619	16.5	13.9	2,305	11.8
Branch	332	8.1	9.6	1,463	7.5	1.8	15.1	663	17.5	17.2	949	3.0
Calhoun	994	9.4	6.8	4,414	7.3	2.9	13.8	2,016	17.6	16.2	2,944	22.9
Cass	397	7.3	11.1	1,824	5.3	2.4	10.9	827	18.7	14.3	1,230	16.3

(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.

(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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Run Date: 05/02/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Charlevoix	86	*	*	410	5.1	4.9	10.2	203	20.7	13.8	292	4.8
Cheboygan	153	9.8	8.5	539	8.3	3.0	11.1	211	13.3	18.5	315	12.4
Chippewa	234	5.6	8.5	1,057	7.2	3.0	12.5	473	18.2	13.7	667	18.7
Clare	191	6.8	6.3	865	6.4	1.4	10.9	399	17.0	15.3	601	10.3
Clinton	195	6.2	7.2	902	6.0	1.4	10.6	408	17.4	12.7	574	2.8
Crawford	96	*	*	342	12.0	2.3	12.9	135	25.9	17.8	218	10.1
Delta	255	6.7	10.6	1,076	5.2	2.2	9.0	470	20.0	10.6	682	2.2
Dickinson	133	11.3	9.8	637	8.3	1.6	8.3	291	17.2	10.3	416	9.6
Eaton	333	6.6	6.9	1,440	6.2	3.9	12.6	626	16.9	17.7	932	6.2
Emmet	163	7.4	6.7	701	7.1	4.1	11.4	294	19.0	13.9	459	10.2
Genesee	2,798	12.3	5.2	10,958	9.5	2.1	10.8	4,518	15.8	12.5	6,973	23.6
Gladwin	146	7.5	7.5	726	4.3	2.9	10.7	345	12.8	14.2	497	8.2
Gogebic	94	*	*	389	4.9	5.7	10.0	172	22.7	12.8	230	7.4
Gr Travers	470	6.8	8.7	1,788	4.1	6.4	9.5	798	17.5	13.2	1,110	17.1

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(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.

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

Table 6B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Gratiot	254	14.2	9.4	1,114	6.0	3.4	9.9	490	15.1	14.3	723	3.2
Hillsdale	279	9.0	7.9	1,291	8.0	1.3	11.3	562	16.7	13.7	828	3.0
Houghton	196	8.2	9.7	798	6.8	3.0	6.5	372	19.1	11.3	545	7.7
Huron	164	7.3	11.0	714	6.6	2.7	13.3	310	18.1	15.2	469	7.9
Ingham	1,549	9.9	6.1	6,271	6.2	3.1	9.5	2,670	15.4	12.5	4,103	12.0
Ionia	380	6.6	8.4	1,659	4.3	4.9	10.9	727	16.8	16.1	1,091	9.2
Iosco	159	7.5	8.8	672	6.7	4.0	7.9	282	14.5	11.7	431	21.6
Iron	55	*	*	294	7.1	0.7	14.6	148	16.2	18.9	199	8.0
Isabella	360	8.9	10.6	1,464	7.0	3.1	10.5	601	17.1	16.3	939	10.8
Jackson	1,024	10.4	7.4	4,565	5.8	3.8	9.7	2,084	19.5	15.7	3,123	20.0
Kalamazoo	1,434	10.5	8.9	6,162	6.0	3.1	10.7	2,746	16.9	13.5	4,198	22.2
Kalkaska	97	*	*	401	8.7	0.5	10.7	179	16.8	15.6	259	18.9
Kent	2,687	10.6	8.2	11,990	7.5	2.1	10.7	5,457	16.5	13.5	8,007	12.1
Lake	69	*	*	277	8.7	1.8	9.7	122	17.2	14.8	195	14.4

(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 6B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Lapeer	434	8.3	8.5	2,016	6.1	2.2	10.4	878	19.2	17.3	1,386	10.0
Leelanau	57	*	*	234	5.1	5.1	10.3	100	22.0	10.0	151	9.9
Lenawee	552	8.3	8.5	2,152	5.8	2.6	9.3	875	20.0	15.8	1,260	9.4
Livingston	419	7.4	8.1	1,776	6.9	1.0	9.0	784	16.5	12.2	1,189	6.3
Luce	37	*	*	195	4.1	1.5	6.7	96	*	*	140	9.3
Mackinac	44	*	*	193	4.1	2.1	10.9	92	*	*	137	5.1
Macomb	3,088	11.2	6.8	11,596	7.2	1.7	10.3	4,552	14.6	13.6	7,103	17.0
Manistee	107	6.5	5.6	467	6.9	3.2	10.9	219	18.3	18.3	299	10.7
Marquette	297	9.1	10.1	1,175	8.3	2.3	12.0	500	17.8	16.4	648	6.9
Mason	173	8.7	9.2	707	8.9	1.0	11.6	316	21.5	16.8	483	15.9
Mecosta	243	8.2	7.8	1,105	7.1	1.7	10.6	512	20.7	16.6	758	13.7
Menominee	103	7.8	5.8	447	7.2	3.6	15.0	195	18.5	19.5	262	6.9
Midland	410	9.3	11.5	1,744	8.0	1.3	12.0	759	19.2	16.6	1,063	7.0
Missaukee	70	*	*	374	4.5	2.1	8.3	179	24.0	12.3	255	9.4

(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.

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

Table 6B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Monroe	679	8.4	8.4	2,863	7.6	3.1	10.3	1,254	15.3	15.9	1,869	10.5
Montcalm	349	8.9	7.7	1,544	7.3	1.2	9.9	692	18.4	12.1	1,070	5.0
Montmorenc	43	*	*	170	4.1	2.9	8.8	74	*	*	115	12.2
Muskegon	1,454	12.4	6.6	6,050	6.8	2.9	10.4	2,741	16.0	12.7	3,888	17.5
Newaygo	343	7.6	12.0	1,645	6.4	1.7	12.0	806	17.4	15.1	1,136	18.8
Oakland	3,687	11.2	5.8	15,416	7.7	2.8	9.0	6,406	14.5	11.9	9,945	17.4
Oceana	202	5.4	9.9	911	9.2	2.1	15.7	447	19.7	20.8	631	15.7
Ogemaw	113	5.3	6.2	592	7.4	0.7	14.4	289	17.6	15.2	423	26.0
Ontonagon	25	*	*	86	*	*	*	40	*	*	56	*
Osceola	131	5.3	9.9	647	5.9	2.9	9.4	330	14.5	13.3	435	8.7
Oscoda	60	*	*	215	9.3	5.6	7.0	95	*	*	143	18.2
Otsego	191	7.9	11.0	780	6.2	4.7	11.2	339	19.5	16.8	489	7.8
Ottawa	406	4.9	10.3	1,963	5.7	2.5	8.5	909	16.3	9.9	1,343	14.8
Presque Is	39	*	*	203	3.4	3.0	5.4	101	14.9	8.9	125	16.8

(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.

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Table 6B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Roscommon	104	9.6	8.7	520	6.3	3.7	8.5	242	17.8	13.6	375	9.6
Saginaw	1,400	11.6	6.1	5,863	7.0	2.7	12.1	2,667	18.0	14.9	3,910	11.6
Sanilac	207	6.8	7.2	859	6.5	1.0	7.9	378	20.1	13.2	568	13.2
Schoolcraf	46	*	*	229	1.7	9.2	2.2	116	3.4	2.6	145	15.9
Shiawassee	420	7.1	10.0	1,834	5.3	4.1	9.2	830	18.4	15.2	1,259	13.8
St Clair	729	8.9	6.4	3,206	5.6	1.9	8.9	1,366	18.4	15.8	2,178	7.7
St Joseph	471	7.4	8.3	2,168	5.9	2.3	10.4	985	16.2	13.6	1,461	9.8
Tuscola	315	8.3	5.1	1,453	7.3	2.4	10.3	682	17.0	14.8	1,017	7.6
Van Buren	513	6.0	8.2	2,437	4.6	3.3	12.3	1,159	19.1	16.7	1,676	18.3
Washtenaw	1,158	12.3	7.1	5,144	7.0	2.1	9.9	2,316	16.2	13.6	3,490	18.3
Wayne	14,008	12.8	4.6	57,166	6.6	3.6	9.3	24,783	14.5	12.4	36,124	24.8
Wexford	293	4.8	9.6	1,319	5.2	1.4	8.4	599	18.7	12.2	866	12.8
Michigan	55,089	10.5	6.8	233,217	6.7	2.9	10.2	102,221	16.3	13.6	151,524	17.2
Nation (Prior Year)	210,775	9.8	7.3	877,334	6.8	2.8	10.5	381,637	16.2	13.6	527,531	14.1

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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.

(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 7B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Alcona	31	*	29	*	19	*	22	*	29	*	75	*	157	3.8
Alger	27	*	23	*	18	*	21	*	23	*	71	*	135	9.6
Allegan	1,286	76.0	829	24.6	1,075	11.7	574	23.5	743	10.9	2,966	88.8	5,888	2.3
Alpena	170	54.1	117	26.5	126	11.9	123	22.0	114	16.7	359	95.8	728	2.2
Antrim	102	77.5	94	*	87	*	72	*	93	*	253	85.8	503	7.0
Arenac	110	70.0	83	*	89	*	75	*	80	*	242	90.9	488	9.6
Baraga	55	*	41	*	39	*	36	*	39	*	142	87.3	261	3.4
Barry	274	75.2	245	26.5	203	12.8	172	27.9	232	16.4	643	93.5	1,265	2.8
Bay	533	63.4	426	21.1	467	11.6	402	16.4	412	5.1	1,283	96.6	2,560	3.3
Benzie	93	*	73	*	61	*	54	*	72	*	181	88.4	397	7.1
Berrien	1,012	64.0	706	22.1	619	12.4	650	20.5	680	10.9	1,796	81.7	3,917	5.0
Branch	331	81.0	227	21.1	261	12.3	209	16.7	219	10.5	755	83.7	1,502	4.7
Calhoun	1,002	68.9	793	17.3	782	9.6	643	14.6	715	6.2	2,244	92.0	4,513	2.7
Cass	399	76.7	316	25.0	331	14.8	292	20.2	299	13.4	936	94.4	1,849	1.2
Charlevoix	96	*	76	*	69	*	66	*	76	*	221	89.1	429	5.6
Cheboygan	153	74.5	92	*	98	*	82	*	90	*	243	88.9	551	5.4
Chippewa	237	68.8	205	29.3	187	20.3	165	27.9	198	19.7	529	92.2	1,078	13.5
Clare	191	67.5	165	18.2	184	11.4	142	18.3	164	10.4	439	91.3	888	8.7

(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 7B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Clinton	196	85.2	185	27.6	126	15.9	146	24.0	167	13.8	454	88.3	911	2.4
Crawford	96	*	70	*	72	*	52	*	69	*	150	89.3	345	3.8
Delta	258	74.8	212	20.8	218	9.6	196	20.9	208	11.1	522	91.2	1,090	1.9
Dickinson	133	69.9	108	24.1	103	16.5	84	*	104	15.4	336	92.0	647	1.9
Eaton	353	77.9	325	25.8	224	10.3	255	22.4	310	12.6	715	86.0	1,476	3.1
Emmet	167	82.6	127	42.5	119	22.7	105	41.0	122	22.1	344	89.8	719	5.6
Genesee	2,816	59.7	2,314	13.5	1,867	8.1	1,799	11.8	2,028	5.7	4,988	80.4	11,122	4.3
Gladwin	147	76.2	136	19.9	131	12.2	108	24.1	133	12.0	396	95.2	739	7.3
Gogebic	95	*	68	*	54	*	66	*	68	*	193	86.5	396	3.5
Gr Travers	470	83.4	286	33.2	346	20.2	202	34.7	274	13.1	885	88.4	1,883	2.9
Gratiot	255	81.2	209	30.1	160	15.0	185	23.8	202	13.9	551	90.6	1,121	3.8
Hillsdale	281	75.8	232	17.2	196	11.2	190	21.6	228	11.4	647	88.3	1,315	4.9
Houghton	197	80.7	145	36.6	127	22.0	123	23.6	140	14.3	418	90.9	821	2.4
Huron	164	64.0	111	23.4	103	14.6	111	18.0	110	9.1	343	89.8	730	4.9
Ingham	1,562	75.6	1,192	25.7	1,049	17.1	845	16.7	1,095	7.8	2,972	86.7	6,342	4.0
Ionia	383	81.2	340	21.2	317	11.7	260	21.9	334	7.5	821	86.0	1,688	5.0
Iosco	160	52.5	142	16.9	119	11.8	125	14.4	140	12.9	325	86.5	678	5.5
Iron	55	*	47	*	50	*	44	*	47	*	161	87.6	300	6.0

(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.

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Table 7B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Isabella	360	72.2	297	23.9	286	10.8	249	20.9	284	12.0	688	91.4	1,495	3.4
Jackson	1,029	70.4	1,027	16.7	861	9.4	703	15.1	973	6.3	2,370	80.9	4,700	5.8
Kalamazoo	1,448	64.2	1,223	19.4	1,001	11.8	1,009	17.2	1,174	7.8	3,082	78.4	6,331	3.5
Kalkaska	97	*	72	*	65	*	60	*	69	*	208	91.8	408	4.9
Kent	2,710	70.9	2,397	18.6	2,023	10.7	1,937	13.3	2,269	8.3	6,068	88.5	12,171	2.5
Lake	69	*	39	*	49	*	39	*	38	*	149	80.5	293	11.9
Lapeer	434	71.0	380	27.4	387	14.0	325	19.4	375	10.1	984	87.5	2,044	1.5
Leelanau	57	*	41	*	39	*	33	*	40	*	113	83.2	240	1.7
Lenawee	557	77.6	433	22.6	384	10.4	377	19.9	411	8.0	1,005	90.5	2,202	2.6
Livingston	421	79.6	346	24.0	338	15.7	289	23.2	340	12.9	874	92.9	1,819	1.5
Luce	37	*	42	*	47	*	27	*	40	*	108	89.8	204	3.9
Mackinac	44	*	25	*	30	*	14	*	24	*	102	72.5	199	5.5
Macomb	3,098	62.9	2,341	17.3	2,160	9.6	1,997	12.7	2,197	6.6	5,065	85.4	11,745	2.7
Manistee	107	78.5	79	*	81	*	66	*	79	*	247	91.9	484	4.8
Marquette	298	77.5	200	31.5	225	21.3	158	27.8	186	14.5	586	90.1	1,235	3.2
Mason	172	75.6	139	28.1	149	16.1	124	19.4	134	11.9	367	89.9	746	4.7
Mecosta	243	74.9	192	20.3	214	13.6	161	24.2	188	13.3	572	94.4	1,140	3.5
Menominee	103	68.0	94	*	89	*	80	*	94	*	216	94.9	446	5.8

(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 7B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Midland	410	77.6	357	22.1	266	11.3	357	24.6	347	10.7	846	91.1	1,746	3.3
Missaukee	70	*	67	*	87	*	45	*	66	*	198	87.9	385	7.0
Monroe	679	59.8	529	15.5	478	9.4	467	13.9	517	7.2	1,452	90.5	2,900	4.8
Montcalm	349	82.2	283	20.8	244	13.5	222	23.0	266	10.5	782	85.4	1,581	7.0
Montmorenc	43	*	29	*	29	*	28	*	29	*	84	*	172	12.8
Muskegon	1,454	63.1	977	14.5	1,054	7.8	991	12.8	902	5.5	3,003	85.1	6,212	6.0
Newaygo	344	76.2	265	21.9	310	13.2	230	20.0	253	12.6	893	90.5	1,682	3.3
Oakland	3,749	63.6	3,170	18.4	2,263	10.1	2,624	12.7	3,086	7.7	7,143	86.9	15,675	3.3
Oceana	201	76.1	144	26.4	158	12.0	125	16.8	139	10.8	500	84.8	945	3.4
Ogemaw	113	68.1	107	22.4	104	9.6	84	*	100	10.0	323	85.4	604	6.3
Ontonagon	25	*	7	*	13	*	10	*	7	*	41	*	87	*
Osceola	132	76.5	103	21.4	97	*	96	*	102	10.8	375	92.0	665	6.0
Oscoda	60	*	55	*	38	*	40	*	53	*	106	81.1	223	9.0
Otsego	204	71.1	148	21.6	136	10.3	128	14.8	145	8.3	373	89.5	789	5.4
Ottawa	419	78.5	302	31.1	376	25.0	279	25.8	272	18.8	987	91.2	1,990	2.9
Presque Is	39	*	35	*	42	*	26	*	35	*	110	95.5	207	9.2
Roscommon	104	70.2	116	20.7	106	12.3	86	*	113	7.1	270	90.7	533	7.3
Saginaw	1,402	58.3	1,069	12.0	929	5.6	878	8.2	978	3.7	2,925	86.9	5,952	5.1

(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 7B
2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/02/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Sanilac	208	64.4	170	15.9	124	8.9	149	14.1	165	6.1	417	90.9	881	5.8
Schoolcraf	48	*	44	*	41	*	42	*	44	*	125	81.6	231	9.1
Shiawassee	420	69.3	385	21.6	317	9.5	276	10.9	358	5.9	899	91.8	1,860	3.3
St Clair	730	59.2	725	18.6	661	8.2	546	15.8	697	6.2	1,595	87.5	3,291	7.0
St Joseph	474	78.5	401	21.2	344	10.8	319	18.2	354	7.6	1,089	85.5	2,197	3.0
Tuscola	315	74.3	273	19.4	262	12.6	232	11.6	262	3.4	770	93.9	1,492	5.5
Van Buren	523	70.7	442	19.9	392	11.0	399	21.3	431	8.4	1,331	95.8	2,499	1.3
Washtenaw	1,164	81.6	960	32.7	874	22.4	782	20.5	922	14.5	2,622	89.2	5,213	1.6
Wayne	14,357	50.6	10,745	12.3	8,516	6.9	9,666	6.0	10,375	3.4	27,696	76.4	58,674	5.6
Wexford	294	75.2	252	20.2	248	13.7	209	15.3	252	6.0	675	88.9	1,340	4.1
Michigan	55,956	64.3	44,452	18.4	38,816	10.8	37,300	13.8	42,242	7.3	114,298	84.5	238,131	4.2
Nation (Prior Year)	207,356	66.8	100,563	26.5	83,118	13.7	70,540	14.5	82,222	8.6	283,232	83.6	605,284	7.3

(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 6B
2013 - 2015 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years ⁽²⁾
Combined 3 Years

Run Date: 05/03/2016

Comparison of Growth and Anemia Indicators ⁽³⁾												
County	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	%
Alcona	115	8.7	5.2	510	4.9	3.3	8.4	220	18.2	10.0	341	10.9
Alger	94	*	*	485	3.9	2.1	8.9	234	23.9	12.4	298	13.8
Allegan	3,946	7.9	8.8	18,156	4.5	2.6	11.5	8,593	17.4	15.3	12,648	29.9
Alpena	492	8.3	9.3	2,197	7.0	1.8	13.4	992	18.1	16.6	1,431	10.4
Antrim	302	5.6	10.3	1,613	6.3	4.5	9.7	742	18.7	12.4	1,115	6.4
Arenac	304	6.6	7.6	1,375	6.8	2.1	11.4	639	19.1	15.6	904	9.7
Baraga	162	4.9	12.3	800	6.1	2.0	14.9	371	21.3	19.7	530	16.8
Barry	796	7.0	7.5	3,748	4.8	3.0	9.3	1,751	17.8	13.0	2,595	7.7
Bay	1,642	8.3	9.3	7,719	7.3	1.9	11.4	3,503	16.8	15.7	5,432	8.0
Benzie	289	8.0	9.7	1,185	4.2	5.3	10.6	505	15.6	15.8	802	8.9
Berrien	3,113	9.5	7.0	12,184	5.1	3.8	9.4	5,239	16.5	13.2	7,842	11.9
Branch	1,031	8.1	8.2	4,666	7.1	2.0	14.0	2,183	17.9	16.4	3,129	4.1
Calhoun	3,099	9.0	6.6	13,530	7.2	2.4	13.5	6,116	17.7	16.1	9,266	18.5

(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 6B
2013 - 2015 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Run Date: 05/03/2016

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

Comparison of Growth and Anemia Indicators ⁽³⁾												
County	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	%
Cass	1,239	7.3	8.6	5,719	4.7	2.0	10.7	2,634	18.6	14.8	3,942	16.0
Charlevoix	935	9.3	8.2	3,018	6.9	2.6	9.4	1,336	17.8	13.2	1,978	10.3
Cheboygan	405	8.4	7.7	1,622	6.2	2.3	11.7	681	17.5	17.5	981	14.3
Chippewa	748	4.7	11.1	3,315	5.6	2.5	12.8	1,523	17.1	14.1	2,119	15.2
Clare	599	9.0	7.0	2,775	6.3	2.2	11.2	1,305	16.9	16.1	1,949	11.8
Clinton	585	6.2	7.5	2,823	6.4	1.6	11.1	1,251	19.3	12.5	1,885	2.9
Crawford	254	9.8	7.1	1,016	9.0	1.1	13.1	435	23.9	15.2	687	11.4
Delta	768	7.7	12.1	3,223	5.3	1.7	10.1	1,387	17.6	13.3	2,139	2.6
Dickinson	464	10.1	9.9	2,030	7.2	1.5	9.7	895	16.0	12.0	1,366	7.9
Eaton	1,062	7.1	7.9	4,469	5.6	3.4	11.4	1,909	18.6	15.2	2,915	6.5
Emmet	495	6.7	8.5	2,290	6.6	2.7	11.8	978	17.6	14.5	1,575	9.7
Genesee	8,697	12.1	5.3	33,315	8.3	2.0	10.7	13,483	16.2	13.3	21,392	21.2
Gladwin	450	6.9	9.6	2,164	5.0	2.3	10.9	1,055	15.6	13.8	1,505	8.8

(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 6B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Run Date: 05/03/2016

Combined 3 Years

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Gogebic	248	6.0	10.1	1,144	3.9	4.2	11.9	545	18.2	16.5	707	9.1
Gr Travers	1,518	8.4	10.2	5,735	4.2	5.4	9.8	2,531	17.7	13.0	3,653	16.2
Gratiot	754	10.2	9.9	3,433	5.5	2.4	11.1	1,491	16.4	14.9	2,284	4.0
Hillsdale	972	7.8	7.4	4,082	7.3	1.8	11.3	1,731	18.8	14.0	2,599	3.2
Houghton	543	6.3	8.3	2,496	6.2	2.4	7.4	1,186	17.8	9.4	1,778	9.6
Huron	488	7.8	9.8	2,330	6.4	2.1	14.2	1,094	16.9	18.2	1,619	6.9
Ingham	5,082	9.1	7.0	20,775	6.0	2.2	10.1	8,869	16.0	13.0	13,873	11.8
Ionia	1,188	6.6	7.0	5,168	4.5	3.6	10.0	2,304	16.7	15.2	3,554	8.3
Iosco	494	5.1	8.7	2,006	6.5	3.7	11.3	823	18.3	14.0	1,323	17.0
Iron	186	10.8	4.8	929	4.8	1.5	12.5	470	19.8	14.9	657	5.6
Isabella	1,095	7.7	9.5	4,442	6.2	2.8	10.8	1,869	18.3	17.7	2,946	8.0
Jackson	3,203	8.4	7.7	14,132	4.9	4.0	9.7	6,491	19.8	15.3	9,600	20.9
Kalamazoo	4,527	10.1	8.0	19,280	5.8	2.8	11.5	8,638	17.0	13.9	13,261	25.9

(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 6B
2013 - 2015 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Run Date: 05/03/2016

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

Combined 3 Years

Comparison of Growth and Anemia Indicators ⁽³⁾												
County	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	%
Kalkaska	294	7.1	8.8	1,331	7.4	0.8	11.5	595	20.2	17.8	911	16.7
Kent	10,415	10.1	7.5	48,593	6.8	1.9	11.0	22,240	16.7	13.9	33,562	11.5
Lake	193	8.8	7.8	890	7.0	1.5	10.7	416	18.5	17.3	638	13.3
Lapeer	1,393	7.1	8.1	6,269	5.7	2.0	10.8	2,753	20.2	16.6	4,342	10.8
Leelanau	166	7.2	12.7	734	4.8	4.8	10.5	343	18.1	12.8	486	9.7
Lenawee	1,701	8.1	7.6	6,460	6.5	2.2	11.5	2,620	18.3	17.2	3,724	10.5
Livingston	1,355	8.3	9.4	5,616	6.3	1.4	9.2	2,399	17.1	13.2	3,793	6.4
Luce	135	10.4	9.6	669	4.0	1.5	8.4	334	19.8	12.6	470	10.2
Mackinac	133	8.3	5.3	592	3.2	1.5	10.6	282	14.2	13.5	406	6.2
Macomb	10,230	10.3	6.9	39,124	6.3	1.7	10.9	15,843	16.0	14.2	25,129	18.6
Manistee	304	5.6	8.2	1,417	5.4	3.2	10.0	645	17.7	18.0	990	12.3
Marquette	856	7.4	8.9	3,479	6.8	2.0	11.6	1,535	18.3	14.5	2,017	7.2
Mason	515	8.2	9.1	2,264	7.6	1.6	11.4	1,053	20.2	16.1	1,574	18.0

(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) 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 6B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/03/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Mecosta	752	8.9	8.4	3,419	6.1	1.3	9.7	1,530	19.9	14.3	2,372	11.7
Menominee	326	5.5	9.5	1,366	5.8	2.1	12.4	584	18.7	17.1	842	6.2
Midland	1,174	9.3	9.3	5,456	7.0	1.3	11.6	2,509	18.4	15.5	3,500	8.7
Missaukee	236	6.8	10.2	1,105	4.2	1.7	7.2	506	21.7	12.3	755	11.3
Monroe	2,094	7.6	8.4	9,130	7.4	2.3	10.9	4,033	16.0	14.6	6,079	8.4
Montcalm	1,089	7.4	6.7	4,838	6.8	1.1	10.6	2,115	18.9	14.7	3,366	5.2
Montmorenc	121	9.1	7.4	517	5.2	1.5	12.4	228	14.9	18.4	349	16.6
Muskegon	4,514	11.6	6.6	19,192	6.0	2.6	10.3	8,784	16.1	12.9	13,049	17.3
Newaygo	1,062	6.2	10.4	5,145	5.9	1.7	12.3	2,534	17.4	15.5	3,590	16.3
Oakland	11,496	11.3	5.9	47,617	6.9	2.6	9.2	19,867	14.8	12.0	31,195	17.6
Oceana	589	9.5	7.6	2,887	7.9	2.2	15.7	1,452	21.7	21.0	2,108	15.7
Ogemaw	400	5.3	7.0	1,894	6.2	1.6	13.2	875	18.2	15.8	1,362	18.7
Ontonagon	61	*	*	288	4.2	2.1	8.7	156	21.2	9.6	201	3.0

(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) 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 6B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Run Date: 05/03/2016

Combined 3 Years

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Osceola	415	7.5	10.4	2,086	5.8	2.6	9.3	1,022	15.9	13.5	1,464	10.5
Oscoda	142	12.7	10.6	625	7.8	4.0	11.0	281	19.2	16.0	425	16.5
Otsego	549	8.0	9.3	2,340	4.9	4.8	11.4	1,041	19.1	15.3	1,528	8.2
Ottawa	1,347	7.2	9.1	6,463	4.7	2.7	8.2	2,937	14.8	10.0	4,507	25.3
Presque Is	124	7.3	8.1	611	3.6	2.1	9.2	288	15.6	14.6	399	17.8
Roscommon	350	7.4	8.6	1,623	5.6	2.8	8.6	743	18.8	12.9	1,137	6.0
Saginaw	4,273	10.6	6.8	18,525	6.6	2.1	12.5	8,420	17.2	15.0	12,788	13.7
Sanilac	651	8.9	8.1	2,696	5.3	1.8	9.0	1,174	21.0	14.4	1,804	8.8
Schoolcraf	149	7.4	8.7	749	1.1	9.6	3.3	365	8.2	3.8	486	13.6
Shiawassee	1,319	7.2	8.9	5,635	5.0	3.9	9.4	2,507	18.4	14.6	3,866	12.7
St Clair	2,443	7.8	7.7	10,213	5.3	1.9	9.5	4,418	17.5	15.9	7,041	8.2
St Joseph	1,556	9.1	7.1	6,610	6.4	2.2	11.4	2,922	17.7	15.4	4,469	8.5
Tuscola	992	7.7	6.9	4,442	6.8	2.3	9.9	2,028	17.6	14.3	3,092	6.6

(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 6B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/03/2016

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

Comparison of Growth and Anemia Indicators (3)												
County	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	%
Van Buren	1,576	6.4	8.7	7,818	4.8	2.5	13.1	3,753	18.4	17.0	5,586	17.7
Washtenaw	3,627	10.9	7.0	16,047	6.0	1.9	10.7	7,235	17.1	14.7	11,227	18.6
Wayne	44,417	11.8	5.0	179,722	6.0	3.3	10.1	77,732	15.2	13.1	115,626	24.8
Wexford	959	6.6	8.9	4,120	5.4	1.3	8.9	1,843	19.1	13.3	2,817	12.7
Michigan	171,231	10.0	6.9	723,225	6.2	2.6	10.6	317,700	16.6	14.0	480,706	17.2

(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) 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 7B
2013 - 2015 Pediatric Nutrition Surveillance (1)

Run Date: 05/03/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Alcona	115	75.7	94	*	80	*	77	*	89	*	250	90.4	519	5.8
Alger	94	*	71	*	90	*	69	*	71	*	255	85.9	490	9.0
Allegan	4,083	76.2	2,522	23.6	3,220	11.4	1,703	21.3	2,117	9.4	9,405	86.0	18,473	2.4
Alpena	494	54.9	403	18.9	395	8.6	389	18.0	393	11.2	1,118	90.7	2,233	3.8
Antrim	345	78.3	309	25.9	271	15.1	231	29.4	295	13.2	843	83.3	1,651	7.9
Arenac	306	73.2	226	16.4	239	7.1	205	17.6	213	6.6	723	87.6	1,405	8.3
Baraga	161	67.7	130	20.8	136	13.2	115	16.5	127	11.8	430	85.6	821	2.7
Barry	807	75.7	743	23.4	642	10.6	520	24.0	663	13.1	1,986	88.1	3,866	3.9
Bay	1,667	60.9	1,370	16.8	1,431	9.1	1,228	15.5	1,311	4.6	3,976	92.2	7,885	4.7
Benzie	289	82.0	224	25.9	179	20.1	161	19.9	214	8.9	573	84.3	1,223	7.3
Berrien	3,128	59.6	2,310	17.4	2,031	9.7	1,906	17.4	2,139	7.7	5,850	76.9	12,460	5.6
Branch	1,036	76.7	797	23.5	839	12.0	701	20.4	753	11.2	2,472	80.3	4,798	5.1
Calhoun	3,119	66.3	2,428	14.7	2,425	8.6	1,908	12.1	2,114	5.3	6,821	87.5	13,798	3.6
Cass	1,247	73.5	1,012	25.5	1,020	15.1	890	21.9	944	13.7	2,963	89.6	5,773	2.1
Charlevoix	964	75.7	528	23.9	452	14.8	423	27.0	495	9.3	1,453	87.3	3,152	3.8
Cheboygan	407	71.7	299	22.1	298	13.4	252	21.8	284	9.5	772	80.8	1,648	6.8
Chippewa	755	66.8	615	27.6	499	16.0	517	27.5	591	19.3	1,733	85.1	3,402	13.7

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

(6) 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.

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

(8) 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 7B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/03/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Clare	600	68.7	511	16.6	532	7.9	432	16.4	491	6.1	1,470	87.8	2,838	9.5
Clinton	596	83.2	566	27.2	405	16.5	417	22.1	522	11.7	1,384	86.4	2,845	2.9
Crawford	254	80.3	192	20.8	195	10.8	161	12.4	189	5.8	482	86.5	1,034	4.0
Delta	771	73.7	606	17.8	639	9.9	556	18.0	584	9.1	1,593	86.2	3,271	3.9
Dickinson	465	72.5	393	25.4	353	15.6	306	27.5	371	14.0	1,021	89.0	2,071	2.1
Eaton	1,093	78.7	985	23.6	777	11.2	734	19.3	918	9.9	2,146	83.6	4,558	3.5
Emmet	525	81.3	412	35.4	400	20.5	361	36.0	399	19.0	1,131	87.3	2,334	4.8
Genesee	8,730	56.8	7,013	13.8	5,591	7.2	5,377	11.5	6,063	5.6	14,800	77.4	33,630	4.9
Gladwin	453	78.4	360	21.9	386	16.3	263	25.1	337	15.1	1,179	94.4	2,195	10.7
Gogebic	243	70.4	192	25.0	144	16.7	165	21.8	184	13.6	604	84.1	1,163	4.6
Gr Travers	1,521	84.0	1,020	31.0	1,064	19.2	771	29.3	974	12.5	2,805	87.8	6,008	3.2
Gratiot	754	80.8	660	26.2	526	15.8	569	21.1	638	10.0	1,705	88.0	3,462	4.8
Hillsdale	981	77.1	772	22.0	628	13.4	657	21.6	742	13.2	1,977	82.4	4,153	6.6
Houghton	547	81.0	452	36.7	361	18.3	361	28.3	417	16.8	1,333	90.5	2,564	2.0
Huron	491	68.6	393	20.6	304	11.8	348	17.0	375	6.7	1,204	84.6	2,364	5.2
Ingham	5,128	76.3	3,873	24.6	3,520	14.8	2,873	14.6	3,495	6.6	9,903	83.8	20,986	3.7
Ionia	1,194	75.3	1,031	20.4	997	11.7	860	19.4	1,010	9.4	2,586	81.6	5,271	5.9

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Table 7B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/03/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Iosco	495	59.0	395	16.7	338	11.2	343	18.1	379	8.2	943	84.1	2,036	5.4
Iron	186	71.5	134	20.9	149	14.8	135	24.4	132	8.3	518	87.3	952	5.8
Isabella	1,102	74.4	880	22.8	836	13.5	700	20.7	842	11.9	2,110	86.1	4,523	4.7
Jackson	3,218	68.1	3,083	16.5	2,606	8.9	2,104	14.7	2,777	6.2	7,290	81.7	14,523	5.9
Kalamazoo	4,575	65.3	3,639	21.1	3,052	11.6	3,025	17.5	3,393	8.3	9,725	76.2	19,773	4.1
Kalkaska	294	84.7	234	30.3	264	18.2	196	18.4	228	7.5	689	89.0	1,358	6.9
Kent	10,500	69.8	9,465	19.8	7,914	11.4	7,460	14.2	8,702	9.3	25,084	85.4	49,410	2.5
Lake	193	71.5	138	20.3	166	7.2	134	14.9	134	10.4	493	79.9	932	13.4
Lapeer	1,392	70.5	1,163	23.4	1,149	12.0	979	20.6	1,112	9.4	3,100	86.8	6,367	2.4
Leelanau	166	90.4	126	42.9	107	29.0	108	30.6	120	15.0	385	82.9	747	1.7
Lenawee	1,710	74.6	1,348	19.6	1,177	9.8	1,120	18.2	1,282	6.8	2,980	81.2	6,520	4.1
Livingston	1,360	77.7	1,097	21.6	1,053	12.8	872	21.1	1,048	10.1	2,679	91.3	5,742	2.2
Luce	135	71.1	140	19.3	131	10.7	102	20.6	134	6.0	375	87.2	694	6.2
Mackinac	134	74.6	81	*	107	12.1	52	*	77	*	305	79.0	602	6.3
Macomb	10,308	59.5	7,553	16.7	7,164	8.4	6,517	11.0	7,075	6.2	17,611	79.5	39,606	2.9
Manistee	304	75.3	252	23.0	285	10.5	194	20.6	241	5.8	760	91.6	1,484	5.3
Marquette	863	76.8	601	28.1	689	15.7	471	25.9	563	11.0	1,794	88.5	3,712	3.8

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

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

(6) 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.

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

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Table 7B
2013 - 2015 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/03/2016

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

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)														
County	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	%
Mason	517	73.5	388	26.5	440	13.4	343	21.9	376	9.6	1,212	90.8	2,373	4.9
Mecosta	757	70.7	640	23.1	647	12.2	552	25.4	624	16.7	1,724	92.1	3,500	3.0
Menominee	327	69.1	264	19.3	264	12.1	230	19.1	251	11.2	653	90.5	1,382	4.7
Midland	1,175	77.7	1,089	24.5	835	14.7	1,028	24.7	1,064	10.6	2,800	88.5	5,481	3.7
Missaukee	237	84.0	210	24.8	222	15.3	177	18.6	208	6.3	568	85.2	1,125	7.4
Monroe	2,093	63.0	1,653	15.8	1,616	9.1	1,425	13.4	1,564	7.0	4,566	86.4	9,247	5.5
Montcalm	1,095	78.9	929	23.7	734	12.7	730	23.6	853	11.8	2,413	85.5	4,948	7.5
Montmorenc	120	64.2	98	*	102	2.9	87	*	92	*	266	91.4	528	13.6
Muskegon	4,532	61.2	2,917	14.7	3,341	7.6	2,946	12.0	2,772	5.4	9,753	84.1	19,661	6.3
Newaygo	1,057	76.3	795	22.9	899	13.6	670	19.1	751	12.0	2,811	85.1	5,240	4.1
Oakland	11,656	60.1	9,817	18.1	7,185	9.2	8,253	12.5	9,415	7.4	22,115	83.5	48,395	3.1
Oceana	591	76.1	466	21.2	499	11.6	391	14.1	445	6.3	1,638	84.6	2,988	3.8
Ogemaw	400	68.8	360	19.4	301	9.0	289	18.0	343	6.4	982	83.8	1,932	6.1
Ontonagon	61	*	33	*	38	*	29	*	33	*	170	87.6	293	6.5
Osceola	416	77.4	336	23.5	369	11.7	309	21.0	333	9.0	1,153	90.2	2,125	7.7
Oscoda	143	72.7	132	22.7	105	10.5	96	*	120	6.7	317	81.4	642	8.3
Otsego	583	72.4	405	23.7	394	12.2	352	19.0	399	13.3	1,145	87.2	2,366	6.6

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Table 7B
2013 - 2015 Pediatric Nutrition Surveillance (1)

Run Date: 05/03/2016

Michigan
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Combined 3 Years

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	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	%
Ottawa	1,427	80.4	1,092	30.1	1,192	18.4	928	27.8	984	15.8	3,265	88.9	6,561	2.5
Presque Is	124	52.4	107	21.5	113	7.1	88	*	103	14.6	324	88.9	621	13.4
Roscommon	350	71.7	340	20.3	298	11.7	242	16.5	323	8.4	843	85.4	1,657	6.3
Saginaw	4,294	62.2	3,172	12.0	2,878	6.1	2,721	8.4	2,883	4.8	9,300	84.0	18,776	5.4
Sanilac	652	64.6	549	16.0	402	7.7	466	15.5	529	6.6	1,297	86.2	2,736	5.9
Schoolcraf	151	57.0	126	14.3	121	7.4	120	18.3	125	8.8	404	77.0	754	13.1
Shiawassee	1,319	72.3	1,174	23.1	992	12.2	868	12.3	1,064	5.5	2,712	87.7	5,712	3.8
St Clair	2,443	58.9	2,245	14.9	1,947	6.0	1,663	13.3	2,097	6.2	5,118	88.4	10,435	7.2
St Joseph	1,565	78.4	1,214	22.3	1,054	11.6	982	16.3	1,068	6.4	3,292	82.5	6,737	3.7
Tuscola	994	72.5	790	18.4	771	12.5	675	13.0	752	4.3	2,325	90.4	4,536	4.7
Van Buren	1,613	70.5	1,367	20.8	1,397	13.6	1,167	19.3	1,285	7.8	4,230	91.7	7,985	2.2
Washtenaw	3,645	79.9	3,051	31.1	2,808	18.2	2,444	20.5	2,874	12.0	8,165	86.7	16,265	2.2
Wayne	45,209	49.2	33,637	13.0	27,175	6.3	30,384	6.0	32,461	3.5	86,780	74.4	184,244	6.3
Wexford	959	78.8	781	20.5	799	12.5	659	15.3	762	5.8	2,093	85.0	4,200	5.4
Michigan	173,348	63.1	136,177	18.2	120,019	10.0	113,976	13.4	127,736	7.0	355,550	81.9	737,734	4.7

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

(6) 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.

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

(8) 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.