Table 1C
2014 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators (2,3)
Children Aged < 5 Years

Run Date: 05/11/2015

Total Records	Number
Individual Children	250,091
Total Records (All Visits)	411,777

Source of Data	Number	%
WIC	250,091	100.0
EPSDT	0	0.0
Child Health-MCH	0	0.0
Child Health-HMO	0	0.0
HeadStart	0	0.0
School Health	0	0.0
Other	0	0.0
Total	250,091	100.0
Excluded Unknown: 0 0.0		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	123463	49.4
Black, Not Hispanic	67270	26.9
Hispanic	33587	13.4
American Indian/Alaska Native	783	0.3
Asian/Pacific Islander	4551	1.8
Multiple Races	20157	8.1
All Other	51	0.0
Total	249,862	100.0
Excluded Unknown: 229 0.1		

Age Distribution (4)	Number	%
0 - 5 Months	55,398	22.2
6 - 11 Months	31,189	12.5
12 - 23 Months	52,872	21.1
24 - 35 Months	38,641	15.5
3 - 4 Years	71,991	28.8
Total	250,091	100.0

% of Poverty Level	Number	%
0 - 50	106,997	42.8
51 - 100	77,367	31.0
101 - 130	29,082	11.6
131 - 150	12,148	4.9
151 - 185	14,561	5.8
186 - 200	1,790	0.7
Over 200	5,588	2.2
Adjunctive Eligibility	2,197	0.9
Total	249,730	100.0
Excluded Unknown: 361 0.1		

Program Participation	Number	%
WIC	250,091	100.0
SNAP	248,883	55.7
Medicaid	247,290	80.6
TANF	249,155	6.8
Excluded Unknown		
WIC	0	0.0
SNAP	1,208	0.5
Medicaid	2,801	1.1
TANF	936	0.4

Migrant Status	Number	%
No	248,303	99.3
Yes	1,788	0.7
Total	250,091	100.0
Excluded Unknown: 0 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) Records rejected if date of birth and date of visit unknown
* Percentages are not calculated if <100 records are available for analysis after exclusions

Table 2C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Summary of Health Indicators (2)

Children Aged < 5 Years

Run Date: 05/06/2015

Summary of Health Indicators (3)

	Michigan Prevalance		National Prevalance (Prior Year)	
	Number	%	Number	%
Birthweight				
Low	57,712	9.8	141,712	9.6
High	57,712	6.8	141,712	7.8
Height and Weight (5,6) (3)				
< 5 Yrs Short Stature	242,743	6.2	627,045	6.5
< 5 Yrs Underweight	242,743	2.6	627,045	2.6
< 5 Yrs Obese	242,743	10.6	627,045	10.9
>= 2 Yrs Overweight	105,879	16.7	271,666	16.2
>=2 Yrs Obese	105,879	14.2	271,666	13.3
Anemia (7)				
Low Hb	165,164	17.0	400,466	15.8
Low Hct	36	*	41	48.8
Low Hb/Hct	165,188	17.0	400,494	15.8
Breastfeeding (8)				
Ever Breastfed	58,296	62.9	139,236	64.1
Breastfed At Least 6 Months	45,723	18.5	85,884	26.5
Breastfed At Least 12 Months	40,540	9.9	67,144	15.0
Smoking in Household	247,817	4.7	368,164	6.2
<= 2 Hours TV Viewing/ Day (9)	119,895	84.2	174,939	78.1

(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) Infants born during the reporting period included in the analysis. Low birthweight is defined as < 2500 grams and high birthweight is defined as > 4000 grams.
(5) 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.
(6) 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.
(7) 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.
(8) 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.
(9) Children aged 2 years and older included in the analysis.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 3C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Summary of Breastfeeding Indicators (2)

Children Aged < 5 Years

Run Date: 05/04/2015

	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Breastfeeding Duration (4,5)				
Ever Breastfed	58,296	62.9	139,236	64.1
Breastfed 1+ Weeks	51,315	58.4	123,188	61.9
Breastfed 2+ Weeks	42,444	53.9	101,040	59.2
Breastfed 3+ Weeks	37,807	48.1	88,998	55.7
Breastfed 4+ Weeks	36,022	43.0	83,000	52.5
Breastfed 6+ Weeks	35,315	35.3	78,902	47.1
Breastfed 2+ Months	36,643	31.6	80,185	44.1
Breastfed 3+ Months	40,529	26.0	87,464	35.3
Breastfed 4+ Months	44,814	22.0	95,016	31.3
Breastfed 5+ Months	49,242	19.8	101,096	27.1
Breastfed 6+ Months	45,723	18.5	85,884	26.5
Breastfed 9+ Months	35,516	13.0	71,624	21.8
Breastfed 12+ Months	40,540	9.9	67,144	15.0
Breastfed 18+ Months	30,361	5.6	48,690	6.9
Exclusive Breastfeeding (6)				
Exclusively Breastfed at Least 3 Months	38,441	13.7	67,491	12.2
Exclusively Breastfed at Least 6 Months	43,316	7.0	67,908	8.3

(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) Infants born during the reporting period included in the Ever Breastfed analysis. For each breastfeding duration category, the analysis includes only children who turned that age during the reporting period by/on their date of visit. For example, infants who turned 9 months old during the reporting period by/on their date of visit are included in the 9+ months analysis.
(5) It is possible the analysis will show that slightly more infants are breastfed at older ages, e.g. 1+ weeks of age, than at younger ages, e.g. at birth (ever breastfed), due to variation in infants included in each breastfeeding analysis category.
(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 4C
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/04/2015

Comparison of Racial and Ethnic Distribution by Contributor to Nation
Children Aged < 5 Years (2)

Comparison of Racial and Ethnic Distribution

Contributor	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Michigan	250,091	49.4	26.9	13.4	0.3	1.8	8.1	0.1
Nation (Prior Year)	642,456	50.4	25.5	12.5	0.8	2.8	8.0	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.

Table 5C

2014 Pediatric Nutrition Surveillance (1)

Michigan

Run Date: 05/04/2015

Comparison of Age Distribution by Contributor to Nation

Children Aged < 5 Years (2)

Comparison of Age Distribution				
Contributor	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Michigan	250,091	34.6	21.1	44.2
Nation (Prior Year)	642,456	35.3	20.0	44.7

(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) Records rejected if date of birth and date of visit unknown.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 6C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Comparison of Growth and Anemia Indicators by Contributor to Nation

Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3)

Contributor	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	%
Michigan	57,712	9.8	6.8	242,743	6.2	2.6	10.6	105,879	16.7	14.2	165,188	17.0
Nation (Prior Year)	141,712	9.6	7.8	627,045	6.5	2.6	10.9	271,666	16.2	13.3	400,494	15.8

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 7C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/06/2015

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor to Nation (2)

Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4)

	Breastfeeding (5)						Exclusive Breastfeeding (6)				>=2 Hours TV Viewing/Day (7)		Smoking in Household	
Contributor	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breatsfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
Michigan	58,296	62.9	45,723	18.5	40,540	9.9	38,441	13.7	43,316	7.0	119,895	84.2	247,817	4.7
Nation (Prior Year)	139,236	64.1	85,884	26.5	67,144	15.0	67,491	12.2	67,908	8.3	174,939	78.1	368,164	6.2

(1) Reporting period is January 1 through December 31.
(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.
I5) 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 8C
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/04/2015

Growth and Anemia Indicators by Race/Ethnicity or Age
Children Aged < 5 Years (2)

Growth and Anemia Indicators by Race/Ethnicity or Age (3)

	Birthweight (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	%
Race Ethnicity												
White, Not Hispanic	28,392	8.1	8.3	120,187	6.0	2.2	10.3	51,961	17.0	13.9	82,055	12.3
Black, Not Hispanic	16,488	13.9	3.7	65,123	6.5	3.6	9.0	27,462	14.7	11.3	43,134	27.6
Hispanic	6,940	7.4	8.0	32,364	6.1	1.7	14.6	15,335	19.2	19.7	22,995	14.8
American Indian/Alaska Native	179	11.2	10.1	744	4.8	2.0	16.8	318	22.6	24.5	466	18.7
Asian/Pacific Islander	977	10.2	5.2	4,430	5.9	4.2	8.8	2,032	12.8	12.8	3,138	15.1
Multiple Races	4,665	9.5	7.4	19,632	5.9	2.2	11.6	8,688	18.0	14.9	13,287	16.1
All Other	15	*	*	48	*	*	*	23	*	*	31	*
Total	**57,712**	**9.8**	**6.8**	**242,743**	**6.2**	**2.6**	**10.6**	**105,879**	**16.7**	**14.2**	**165,188**	**17.0**
Age												
0 - 11 Months	0	*	*	84,129	9.7	3.7	6.2	0	*	*	18,583	21.6
12 - 23 Months	0	*	*	52,523	6.3	0.4	12.1	0	*	*	51,359	18.8
24 - 35 Months	0	*	*	37,835	3.7	2.8	11.7	37,624	15.8	12.1	34,413	17.7
36 - 47 Months	0	*	*	32,993	3.2	2.8	13.6	32,992	16.8	14.4	32,190	15.1
48 - 59 Months	0	*	*	35,263	2.9	2.5	15.0	35,263	17.6	16.1	28,643	12.1
Total	**0**	*****	*****	**242,743**	**6.2**	**2.6**	**10.6**	**105,879**	**16.7**	**14.2**	**165,188**	**17.0**

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 9C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/06/2015

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (2)

Children Aged < 5 Years (3)

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (4)

	Breastfeeding (5)						>=2 Hours TV Viewing/Day (6)		Smoking in Household	
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breatsfed At Least 12 Months	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	28,706	69.0	22,859	22.2	20,845	12.2	59,211	88.6	122,430	4.3
Black, Not Hispanic	16,597	49.7	12,612	11.6	10,365	4.8	30,560	75.0	66,618	6.6
Hispanic	7,027	68.2	5,525	18.6	5,173	10.0	17,586	85.2	33,278	2.2
American Indian/Alaska Native	182	60.4	156	19.2	129	10.9	368	83.4	763	7.2
Asian/Pacific Islander	1,002	72.0	770	35.3	699	25.2	2,281	79.7	4,495	0.9
Multiple Races	4,698	62.1	3,707	15.9	3,303	8.3	9,807	85.9	19,977	6.0
All Other	16	*	9	*	10	*	25	*	48	*
Total	**58,296**	**62.9**	**45,723**	18.5	**40,540**	**9.9**	**119,895**	**84.2**	**247,817**	**4.7**
Age										
0 - 11 Months	0	*	0	*	0	*	0	*	84,978	4.0
12 - 23 Months	0	*	0	*	0	*	0	*	52,743	4.6
24 - 35 Months	0	*	0	*	0	*	38,376	86.4	38,546	5.1
36 - 47 Months	0	*	0	*	0	*	35,590	83.3	35,695	5.4
48 - 59 Months	0	*	0	*	0	*	35,658	82.0	35,855	5.5
Total	**58,296**	**62.9**	**45,723**	**18.5**	**40,540**	**9.9**	**119,895**	**84.2**	**247,817**	**4.7**

(1) Reporting period is January 1 through December 31.
(2) TV Viewing and Smoking in Household are not reported by all contributors.
(3) Analyses based on one record per child.
(4) Excludes records with unknown data or errors.
l5) 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) Children aged 2 years and older included in the analysis
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 10C

2014 Pediatric Nutrition Surveillance (1)

Michigan

Run Date: 05/04/2015

Summary of Trends in Racial and Ethnic Distribution

Children Aged < 5 Years (2)

Summary of Trends in Racial and Ethnic Distribution								
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
2014	250,091	49.4	26.9	13.4	0.3	1.8	8.1	0.1
2013	253,913	49.7	26.8	13.6	0.3	1.6	7.9	0.1
2012	257,024	50.4	26.2	13.7	0.3	1.6	7.8	0.1
2011	257,910	51.0	25.7	14.0	0.3	1.5	7.5	0.1
2010	259,641	51.5	25.4	14.2	0.2	1.4	7.2	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.

Table 11C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Summary of Trends in Age Distribution

Children Aged < 5 Years (2)

Run Date: 05/04/2015

Summary of Trends in Age Distribution (3)				
Year	Number Included in Analysis (4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
2014	250,091	34.6	21.1	44.2
2013	253,913	31.3	23.8	44.9
2012	257,024	33.4	21.0	45.6
2011	257,910	29.7	22.0	48.3
2010	259,641	29.9	22.8	47.3

(1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Records rejected if date of birth and date of visit unknown.
(4) Excludes records with unknown data or errors.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 12C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Summary of Trends in Growth and Anemia Indicators

Children Aged < 5 Years (2)

Summary of Trends in Growth and Anemia Indicators (3)

Year	Birthweight (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	%
2014	57,712	9.8	6.8	242,743	6.2	2.6	10.6	105,879	16.7	14.2	165,188	17.0
2013	58,430	9.6	6.9	247,265	5.7	2.4	11.0	109,600	16.8	14.1	163,994	17.5
2012	58,707	9.7	7.1	249,036	5.8	2.9	10.7	112,234	16.4	13.8	167,258	16.1
2011	59,577	9.4	6.9	253,759	6.0	3.0	10.5	109,357	16.5	14.1	166,740	16.3
2010	59,684	9.4	6.9	254,272	5.9	3.2	10.9	109,884	16.5	14.2	146,487	15.0

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 13C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Summary of Trends in Breastfeeding

Children Aged < 5 Years (2)

Run Date: 05/13/2015

Summary of Trends in Breastfeeding (3)

Year	Breastfeeding (4)					
	Number	% Ever Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breatsfeed At Least 12 Months
2014	58,296	62.9	45,723	18.5	40,540	9.9
2013	59,096	62.3	46,002	17.7	40,663	9.2
2012	59,352	60.9	42,948	19.1	39,324	9.5
2011	60,153	59.5	46,409	18.4	41,436	8.5
2010	60,362	56.1	40,557	18.9	34,172	9.1

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

Table 16C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Growth Indicators by Race/Ethnicity or Age

Childer Aged <5 Years (2)

Growth Indicators by Race/Ethnicity and Age (3)

	Short Stature (4,5)		Underweight (4,5)		Obese (4,5)		>= 2 Yrs Overweight and obese (4,5)		
	Number	%	Number	%	Number	%	Number	% Overweight	% Obese
White, Not Hispanic									
0 - 11 Months	41,755	9.2	41,755	3.3	41,755	5.7	0	*	*
12 - 23 Months	26,471	6.0	26,471	0.4	26,471	11.8	0	*	*
24 - 59 Months	51,601	3.5	51,601	2.3	51,601	13.2	51,601	17.0	13.9
Total	**119,827**	**6.0**	**119,827**	**2.2**	**119,827**	**10.3**	**51,601**	**17.0**	**13.9**
Black, Not Hispanic									
0 - 11 Months	24,313	10.9	24,313	4.7	24,313	6.0	0	*	*
12 - 23 Months	13,348	6.5	13,348	0.6	13,348	10.7	0	*	*
24 - 59 Months	27,233	2.7	27,233	3.9	27,233	10.7	27,233	14.7	11.3
Total	**64,894**	**6.6**	**64,894**	**3.5**	**64,894**	**8.9**	**27,233**	**14.7**	**11.3**
Hispanic									
0 - 11 Months	10,187	8.9	10,187	2.8	10,187	8.1	0	*	*
12 - 23 Months	6,842	7.3	6,842	0.2	6,842	16.2	0	*	*
24 - 59 Months	15,216	3.7	15,216	1.6	15,216	18.1	15,216	19.2	19.7
Total	**32,245**	**6.1**	**32,245**	**1.7**	**32,245**	**14.5**	**15,216**	**19.2**	**19.7**
American Indian/Alaska Native									
0 - 11 Months	254	8.3	254	3.9	254	8.3	0	*	*
12 - 23 Months	172	5.2	172	0.0	172	17.4	0	*	*
24 - 59 Months	314	1.9	314	1.6	314	23.6	314	22.9	24.8
Total	**740**	**4.9**	**740**	**2.0**	**740**	**16.9**	**314**	**22.9**	**24.8**

(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) 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.
(5) 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.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 16C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Growth Indicators by Race/Ethnicity and Age

Childer Aged <5 Years (2)

Growth Indicators by Race/Ethnicity and Age (3)

	Short Stature (4,5)		Underweight (4,5)		Obese (4,5)		>= 2 Yrs Overweight and obese (4,5)		
	Number	%	Number	%	Number	%	Number	% Overweight	% Obese
Asian/Pacific Islander									
0 - 11 Months	1,498	7.9	1,498	3.5	1,498	5.5	0	*	*
12 - 23 Months	900	7.2	900	0.8	900	6.6	0	*	*
24 - 59 Months	2,017	3.9	2,017	6.1	2,017	12.2	2,038	12.7	12.7
Total	**4,415**	**5.9**	**4,415**	**4.1**	**4,415**	**8.8**	**2,017**	**12.8**	**12.8**
Multiple Races									
0 - 11 Months	6,801	10.4	6,801	3.0	6,801	7.6	0	*	*
12 - 23 Months	4,143	5.5	4,143	0.4	4,143	12.8	0	*	*
24 - 59 Months	8,635	2.7	8,635	2.5	8,635	14.1	8,635	0.2	14.8
Total	**19,579**	**6.0**	**19,579**	**2.2**	**19,579**	**11.6**	**8,635**	**0.2**	**14.8**
All Other/Unknown									
0 - 11 Months	18	*	18	*	18	*	0	*	*
12 - 23 Months	7	*	7	*	7	*	0	*	*
24 - 59 Months	22	*	22	*	22	*	22	*	*
Total	**47**	*****	**47**	*****	**47**	*****	**22**	*****	*****
Total All Race/Ethnic Groups									
0 - 11 Months	84,953	9.7	84,953	3.6	84,953	6.3	0	*	*
12 - 23 Months	51,911	6.3	51,911	0.4	51,911	12.1	0	*	*
24 - 59 Months	105,098	3.3	105,098	2.7	105,098	13.4	105,098	16.7	14.1
Total	**241,962**	**6.2**	**241,962**	**2.5**	**241,962**	**10.6**	**105,098**	**16.7**	**14.1**

(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) 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.
(5) 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.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 17C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Anemia Indicators by Race/Ethnicity and Age (2)

Children Aged < 5 Years

Anemia Indicators by Race/Ethnicity and Age (3,4)

	Number	Anemia Low Hb/Hct %
White, Not Hispanic		
6 - 11 Months	7,682	18.1
12 - 17 Months	15,003	15.5
18 - 23 Months	11,267	12.4
24 - 35 Months	17,214	12.3
36 - 59 Months	29,642	8.8
Total	**80,808**	**12.2**
Black, Not Hispanic		
6 - 11 Months	4,485	29.7
12 - 17 Months	7,434	30.5
18 - 23 Months	5,677	27.8
24 - 35 Months	8,777	29.7
36 - 59 Months	15,778	24.5
Total	**42,151**	**27.6**
Hispanic		
6 - 11 Months	1,907	18.6
12 - 17 Months	3,720	19.7
18 - 23 Months	3,057	15.5
24 - 35 Months	4,809	15.6
36 - 59 Months	9,121	11.0
Total	**22,614**	**14.7**
American Indian/Alaska Native		
6 - 11 Months	46	*
12 - 17 Months	94	*
18 - 23 Months	71	*
24 - 35 Months	97	*

	Number	Anemia Low Hb/Hct %
Asian/Pacific Islander		
6 - 11 Months	308	14.0
12 - 17 Months	482	19.7
18 - 23 Months	414	14.5
24 - 35 Months	694	17.6
36 - 59 Months	1,179	11.9
Total	**3,077**	**14.9**
Multiple Races		
6 - 11 Months	1,280	18.8
12 - 17 Months	2,331	18.6
18 - 23 Months	1,773	15.0
24 - 35 Months	2,791	17.4
36 - 59 Months	4,920	14.0
Total	**13,095**	**16.1**
All Other/Unknown		
0 - 11 Months	8	*
12 - 17 Months	12	*
18 - 23 Months	24	*
24 - 35 Months	31	*
36 - 59 Months	38	*
Total	**113**	**12.4**
Total All Race/Ethnic Groups		
6 - 11 Months	15,716	21.4
12 - 17 Months	29,076	20.2
18 - 23 Months	22,283	17.0
24 - 35 Months	34,413	17.7
36 - 59 Months	60,833	13.7

(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) 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 i in the analysis.
* Percentages are not calculated if < 100 records are available for analysis after exclusions

Table 17C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Anemia Indicators by Race/Ethnicity and Age (2)

Children Aged < 5 Years

Anemia Indicators by Race/Ethnicity and Age (3,4)

36 - 59 Months	155	17.4	**Total**	**162,321**	**16.9**
Total	**463**	**18.8**			

(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) 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 i
in the analysis.
* Percentages are not calculated if < 100 records are available for analysis after exclusions

Table 18C
2014 Pediatric Nutrition Survelliance (1)
Michigan

Run Date: 05/04/2015

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Birthweight (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	%
White, Not Hispanic	2014	28,392	8.1	8.3	120,187	6.0	2.2	10.3	51,961	17.0	13.9	82,055	12.3
	2013	28,825	8.2	8.6	123,080	5.7	2.1	10.7	54,015	17.3	13.6	81,532	12.8
	2012	29,775	8.2	8.8	125,896	5.6	2.6	10.2	56,207	16.8	13.2	83,741	11.8
	2011	30,433	7.8	8.4	129,736	5.8	2.7	10.0	55,921	16.9	13.5	84,935	11.9
	2010	30,392	7.7	8.5	131,192	5.7	2.9	10.2	56,688	16.8	13.2	73,483	11.0
Black, Not Hispanic	2014	16,488	13.9	3.7	65,123	6.5	3.6	9.0	27,462	14.7	11.3	43,134	27.6
	2013	17,015	13.1	3.7	66,248	6.0	3.2	9.5	28,266	14.7	11.6	42,571	28.3
	2012	16,431	13.6	3.7	65,053	6.4	4.0	9.2	28,218	14.2	11.2	42,695	26.0
	2011	16,626	13.6	4.0	64,892	6.8	4.1	9.2	26,359	13.9	11.3	41,205	26.4
	2010	16,599	13.6	3.8	64,332	6.9	4.3	9.9	26,065	13.9	11.8	37,174	24.1

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/04/2015

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Birthweight (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	%
Hispanic	2014	6,940	7.4	8.0	32,364	6.1	1.7	14.6	15,335	19.2	19.7	22,995	14.8
	2013	6,946	7.3	8.0	33,472	5.6	1.6	14.8	16,229	19.2	19.5	23,553	15.0
	2012	7,156	7.2	8.0	34,008	5.6	1.9	14.5	16,744	18.5	19.7	24,418	14.5
	2011	7,286	7.3	7.5	35,522	5.4	2.0	14.6	16,759	19.2	20.0	24,954	14.7
	2010	7,399	7.2	7.3	36,104	5.2	2.3	14.6	17,424	19.0	20.0	22,724	13.3
American Indian/Alaska Native	2014	179	11.2	10.1	744	4.8	2.0	16.8	318	22.6	24.5	466	18.7
	2013	157	5.1	12.7	673	5.2	2.2	18.3	292	21.9	22.9	420	17.4
	2012	159	6.3	15.7	701	5.0	2.4	15.0	300	22.0	17.3	424	14.6
	2011	153	5.2	13.1	695	4.2	1.6	16.1	317	21.8	22.1	420	16.0
	2010	160	5.6	11.9	608	6.6	2.5	17.6	246	20.3	20.7	307	11.4

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 18C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Birthweight (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	%
Asian/Pacific Islander	2014	977	10.2	5.2	4,430	5.9	4.2	8.8	2,032	12.8	12.8	3,138	15.1
	2013	957	9.4	3.9	4,052	6.0	3.6	8.7	1,831	13.0	12.4	2,782	15.6
	2012	918	11.5	3.8	3,887	6.8	4.7	8.3	1,797	13.6	11.7	2,674	15.3
	2011	840	9.4	2.7	3,713	7.1	4.1	9.0	1,582	13.1	12.8	2,506	16.0
	2010	874	9.4	5.3	3,676	7.2	4.8	8.7	1,563	13.3	12.0	2,194	15.5
Multiple Races	2014	4,665	9.5	7.4	19,632	5.9	2.2	11.6	8,688	18.0	14.9	13,287	16.1
	2013	4,427	9.2	7.6	19,489	5.1	2.1	12.2	8,910	17.4	15.4	13,055	16.4
	2012	4,208	9.7	7.2	19,357	5.2	2.4	12.0	8,945	17.2	15.2	13,276	15.0
	2011	4,180	9.0	7.1	19,065	5.2	2.8	11.7	8,399	17.1	15.4	12,689	15.7
	2010	4,205	8.7	7.2	18,225	5.3	3.0	12.7	7,877	17.0	16.0	10,575	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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 18C

2014 Pediatric Nutrition Survelliance (1)

Michigan

Run Date: 05/04/2015

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary Trends in Growth and Anemia Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Birthweight (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	%
All Other/Unknown	2014	71	*	*	263	8.0	0.8	12.5	83	*	*	113	12.4
	2013	103	9.7	9.7	251	5.6	1.6	9.2	57	*	*	81	*
	2012	60	*	*	134	6.7	1.5	12.7	23	*	*	30	*
	2011	59	*	*	136	8.1	1.5	12.5	20	*	*	31	*
	2010	55	*	*	135	5.2	1.5	11.1	21	*	*	30	*
Total All Race/Ethnic Groups	2014	57,712	9.8	6.8	242,743	6.2	2.6	10.6	105,879	16.7	14.2	165,188	17.0
	2013	58,430	9.6	6.9	247,265	5.7	2.4	11.0	109,600	16.8	14.1	163,994	17.5
	2012	58,707	9.7	7.1	249,036	5.8	2.9	10.7	112,234	16.4	13.8	167,258	16.1
	2011	59,577	9.4	6.9	253,759	6.0	3.0	10.5	109,357	16.5	14.1	166,740	16.3
	2010	59,684	9.4	6.9	254,272	5.9	3.2	10.9	109,884	16.5	14.2	146,487	15.0

(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) Infants born during the reporting period included in the analysis.
(5) 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.
(6) 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.
(7) 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 are not calculated if < 100 records are available for analysis after exclusions.

Table 19C

2014 Pediatric Nutrition Survelliance (1)

Run Date: 05/06/2015

Michigan

Summary Trends in Brestfeeding Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Breastfeeding (4)					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
White, Not Hispanic	2014	28,706	69.0	22,859	22.2	20,845	12.2
	2013	29,213	68.5	23,527	21.1	21,049	11.1
	2012	30,158	67.0	22,566	21.9	20,742	11.2
	2011	30,747	65.7	23,717	21.0	21,506	9.8
	2010	30,758	61.6	20,890	21.6	17,682	10.6
Black, Not Hispanic	2014	16,597	49.7	12,612	11.6	10,365	4.8
	2013	17,129	49.2	12,439	11.0	10,252	4.8
	2012	16,564	47.5	11,008	12.6	9,539	4.9
	2011	16,740	46.3	12,627	11.9	10,329	4.6
	2010	16,721	43.0	10,948	12.0	8,844	5.3

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

Table 19C

2014 Pediatric Nutrition Surveillance (1)

Run Date: 05/06/2015

Michigan

Summary Trends in Brestfeeding Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Breastfeeding (4)					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Hispanic	2014	7,027	68.2	5,525	18.6	5,173	10.0
	2013	7,043	67.2	5,607	17.6	5,422	9.4
	2012	7,233	64.5	5,201	20.6	5,235	10.8
	2011	7,366	62.7	5,747	22.3	5,668	10.1
	2010	7,527	62.6	5,097	22.8	4,611	10.9
American Indian/Alaska Native	2014	182	60.4	156	19.2	129	10.9
	2013	165	58.8	123	23.6	112	12.5
	2012	162	67.3	136	16.2	106	11.3
	2011	167	57.5	127	18.9	107	10.3
	2010	163	57.7	101	22.8	93	*

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

Table 19C
2014 Pediatric Nutrition Surveillance (1)

Run Date: 05/06/2015

Michigan

Summary Trends in Brestfeeding Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Breastfeeding (4)					
		Number	% Ever Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breatsfeed At Least 12 Months
Asian/Pacific Islander	2014	1,002	72.0	770	35.3	699	25.2
	2013	972	72.2	738	35.5	682	24.6
	2012	928	71.9	619	37.0	595	22.7
	2011	868	69.4	674	35.3	643	22.4
	2010	891	62.7	592	32.9	507	20.3
Multiple Races	2014	4,698	62.1	3,707	15.9	3,303	8.3
	2013	4,452	61.9	3,453	14.4	3,130	7.5
	2012	4,239	60.6	3,351	15.8	3,096	7.7
	2011	4,198	58.7	3,456	14.9	3,176	6.5
	2010	4,233	55.2	2,874	15.5	2,424	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) 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.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 19C

2014 Pediatric Nutrition Surveillance (1)

Run Date: 05/06/2015

Michigan

Summary Trends in Brestfeeding Indicators by Race/Ethnicity

Children Aged < 5 Years (2)

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity (3)

Race/Ethnicity and Year		Breastfeeding (4)					
		Number	% Ever Breastfeed	Number	% Breastfeed At Least 6 Months	Number	% Breatsfeed At Least 12 Months
All Other/Unknown	2014	84	*	94	*	26	*
	2013	122	72.1	115	23.5	16	*
	2012	68	*	67	*	11	*
	2011	67	*	61	*	7	*
	2010	69	*	55	*	11	*
Total All Race/Ethnic Groups	2014	58,296	62.9	45,723	18.5	40,540	9.9
	2013	59,096	62.3	46,002	17.7	40,663	9.2
	2012	59,352	60.9	42,948	19.1	39,324	9.5
	2011	60,153	59.5	46,409	18.4	41,436	8.5
	2010	60,362	56.1	40,557	18.9	34,172	9.1

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

Table 20C
2014 Pediatric Nutrition Surveillance (1)
Michigan
Summary Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Run Date: 05/04/2015

Summary of Trends in Growth Indicators by Age (3)

Age and Year		Height and Weight (4,5)						
			Short Stature	Under-weight	Obese	>=2 Yrs Overweight and Obese		
		Number	%	%	%	Number	% Overweight	% Obese
0 - 11 Months	2014	84,129	9.7	3.7	6.2	0	*	*
	2013	77,596	8.8	3.4	6.8	0	*	*
	2012	83,373	9.2	4.2	6.5	0	*	*
	2011	74,332	9.7	5.2	5.9	0	*	*
	2010	74,954	9.6	5.9	6.2	0	*	*
	2009	0	*	*	*	0	*	*
12 - 23 Months	2014	52,523	6.3	0.4	12.1	0	*	*
	2013	60,058	6.0	0.5	12.1	0	*	*
	2012	53,397	5.8	0.3	12.1	0	*	*
	2011	56,493	6.4	0.7	10.8	0	*	*
	2010	58,919	6.3	0.7	11.7	0	*	*
	2009	0	*	*	*	0	*	*

Age and Year		Height and Weight (4,5)						
			Short Stature	Under-weight	Obese	>=2 Yrs Overweight and Obese		
		Number	%	%	%	Number	% Overweight	% Obese
24 - 35 Months	2014	37,835	3.7	2.8	11.7	37,624	15.8	12.1
	2013	40,435	3.6	2.6	11.6	40,426	16.2	12.0
	2012	41,102	3.6	3.2	11.1	41,079	15.5	11.5
	2011	42,092	4.1	2.1	12.1	27,560	15.8	12.1
	2010	44,469	3.8	2.2	12.4	31,367	15.8	12.3
	2009	0	*	*	*	0	*	*
36 - 47 Months	2014	32,993	3	2.8	13.6	32,992	16.8	14.4
	2013	34,696	3	2.8	13.8	34,694	16.8	14.6
	2012	35,311	3	3.2	13.7	35,304	16.3	14.5
	2011	39,177	3	3.1	13.0	39,175	16.2	13.8
	2010	38,045	3	3.2	13.4	38,035	16.3	14.2
	2009	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 or errors.
(4) 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.
(5) 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.
* Percentages are not calculated if < 100 records are available for analysis after exclusions

Table 20C
2014 Pediatric Nutrition Surveillance (1)
Michigan

Run Date: 05/04/2015

Summary Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Summary of Trends in Growth Indicators by Age (3)

Age and Year *		Height and Weight (4,5)						
			Short Stature	Under-weight	Obese	>=2 Yrs Overweight and Obese		
		Number	%	%	%	Number	% Overweight	% Obese
48 - 59 Months	2014	35,263	2.9	2.5	15.0	35,263	17.6	16.1
	2013	34,480	3.1	2.5	15.0	34,480	17.6	16.0
	2012	35,851	2.9	2.9	14.7	35,849	17.5	15.8
	2011	41,665	3.2	2.9	14.7	41,665	17.3	15.9
	2010	37,883	3.0	3.0	14.9	37,879	17.3	15.9
	2009	0	*	*	*	0	*	*
Total All Age Groups	2014	242,743	6.2	2.6	10.6	105,879	16.7	14.2
	2013	247,265	5.7	2.4	11.0	109,600	16.8	14.1
	2012	249,034	5.8	2.9	10.7	112,232	16.4	13.8
	2011	253,759	6.0	3.0	10.5	109,357	16.5	14.1
	2010	254,270	5.9	3.2	10.9	109,882	16.5	14.2
	2009	0	*	*	*	0	*	*

Age and Year*	Height and Weight (4,5)						
		Short Stature	Under-weight	Obese	>=2 Yrs Overweight and Obese		
	Number	%	%	%	Number	% Overweight	% Obese

(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) 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.
(5) 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.
* Percentages are not calculated if < 100 records are available for analysis after exclusions

Table 21C
2014 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Run Date: 05/04/2015

Summary of Trends in Anemia by Age (3)

Age and Year		Anemia Low Hb/Hct (4) Number	%
6 - 11 Months	2014	15,716	21.4
	2013	10,210	22.7
	2012	13,615	20.5
	2011	6,601	20.0
	2010	6,281	18.8
12 - 17 Months	2014	29,076	20.2
	2013	36,210	21.4
	2012	29,477	19.9
	2011	32,612	19.4
	2010	30,537	18.6

Age and Year		Anemia Low Hb/Hct (4) Number	%
18 - 23 Months	2014	22,283	17.0
	2013	21,872	18.5
	2012	22,483	17.8
	2011	21,440	18.9
	2010	23,202	16.6
24 - 35 Months	2014	34,413	17.7
	2013	36,061	17.8
	2012	36,971	16.7
	2011	37,188	17.8
	2010	32,623	16.2

(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) 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 are not calculated if < 100 records are available for analysis after exclusions

Table 21C
2014 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Run Date: 05/04/2015

Summary of Trends in Anemia by Age (3)

Age and Year		Anemia Low Hb/Hct (4) Number	%
36 - 59 Months	2014	60,833	13.7
	2013	59,208	13.6
	2012	61,837	12.1
	2011	68,766	12.7
	2010	53,842	11.1
All Other/Unknown	2014	0	*
	2013	0	*
	2012	2	*
	2011	0	*
	2010	2	*

Age and Year		Anemia Low Hb/Hct (4) Number	%
Total All Age Groups	2014	165,188	17.0
	2013	163,994	17.5
	2012	167,256	16.1
	2011	166,740	16.3
	2010	146,485	15.0

(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) 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 are not calculated if < 100 records are available for analysis after exclusions