WIC PNSS & PedNSS
Table 4F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Racial and Ethnic Distribution by Local Agency
Children Aged < 5 Years   [2]

Comparison of Racial and Ethnic Distribution							
Local Agency	Number Included in Analysis (3,4)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
01DHD#2	1,573	85.1	0.3	7.3	0.0	0.0	7.1	0.1
02LMAS	703	64.7	0.7	2.3	2.7	0.1	29.3	0.1
04DHD#4	1,501	87.4	0.7	3.9	0.1	0.1	7.9	0.1
05NWMCHA	2,363	88.8	0.3	3.4	0.7	0.2	6.6	0.0
06CMDHD	4,293	85.3	1.0	5.1	0.8	0.2	7.6	0.1
07West UP	1,152	88.6	0.6	2.9	0.3	0.6	6.6	0.3
08Barry	2,141	82.9	2.5	7.8	0.1	0.4	6.1	0.2
09Bay	2,281	66.9	1.8	17.1	0.1	0.2	13.6	0.3
10Gr Trav	1,563	77.9	0.8	9.8	0.6	0.3	10.4	0.3
11Berrien	3,679	44.9	36.0	9.6	0.4	0.8	7.9	0.4
12BHS	4,067	75.0	1.0	15.4	0.0	0.1	8.3	0.2
13Calhoun	3,772	51.9	18.2	8.9	0.1	5.7	15.0	0.2
14Leelanau	589	75.0	0.3	13.1	2.7	0.0	8.8	0.0
15Intercar	9,947	56.8	3.3	29.9	0.1	0.8	8.7	0.5
17Chippewa	856	42.2	0.1	5.3	22.0	0.4	30.0	0.1
19Mid-Mich	3,012	80.8	0.2	13.1	0.0	0.0	5.6	0.2
21Delta	1,127	75.6	0.2	5.5	0.0	0.0	18.7	0.0
22Iron	841	92.4	0.2	1.7	0.0	0.0	5.6	0.1
25Genesee	10,575	39.6	39.8	7.1	0.0	0.1	13.4	0.1
30HDI	2,304	15.5	51.7	25.4	0.0	0.3	7.2	0.0
32Huron	633	88.8	0.0	7.1	0.0	0.0	4.1	0.0

(1) Reporting period is January 1 through December 31
(2) Analyses based on one record per child
(3) Excludes records with unknown data errors.
(4) Prenatal program participation
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions

WIC PNSS & PedNSS

Run Date: 5/6/2020

Table 4F

Page : 2

2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Racial and Ethnic Distribution by Local Agency
Children Aged < 5 Years   [2]

Comparison of Racial and Ethnic Distribution

Local Agency	Number Included in Analysis (3,4)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
33Ingham	6,697	31.7	26.5	20.7	0.1	4.8	16.1	0.1
35Keweenaw	184	3.3	0.5	4.9	73.4	0.0	17.9	0.0
37Ionia	1,412	79.3	0.1	12.8	0.0	0.0	7.7	0.0
38Jackson	4,051	59.6	12.8	8.7	0.1	0.1	18.7	0.0
39Kalamazo	5,289	38.8	34.8	11.9	0.0	0.6	13.6	0.1
41Kent	14,093	26.9	25.5	33.1	0.1	4.8	9.6	0.1
43DHD#10	6,682	77.2	1.2	13.9	0.1	0.1	7.3	0.2
44Lapeer	1,466	81.8	0.6	9.8	0.1	0.3	7.4	0.0
45Tuscola	1,301	87.6	0.7	6.5	0.0	0.0	5.1	0.1
46CAA	1,716	62.0	1.9	25.1	0.1	0.0	10.9	0.1
47Livingst	1,583	87.8	0.9	5.2	0.0	0.3	5.8	0.0
50Macomb	10,100	50.8	27.3	3.4	0.0	7.7	10.5	0.3
51DCS	2,151	62.8	9.4	14.0	0.2	1.4	11.9	0.1
52Marquett	1,017	82.0	0.7	3.4	1.7	0.2	11.9	0.1
56MMCAA	1,360	87.7	1.1	4.3	0.1	0.1	6.5	0.1
58Monroe	2,575	72.0	5.1	9.0	0.0	0.2	13.4	0.2
61Muskegon	5,056	45.8	27.1	12.7	0.2	0.2	13.9	0.0
63Oakland	12,363	42.3	30.1	14.5	0.1	2.1	10.9	0.1
73Saginaw	3,016	37.4	27.0	23.8	0.0	0.4	11.1	0.3
74St Clair	2,798	70.6	5.2	10.4	0.1	0.1	13.7	0.0
76Sanilac	820	88.5	0.1	7.4	0.0	0.0	3.9	0.0

(1) Reporting period is January 1 through December 31
(2) Analyses based on one record per child
(3) Excludes records with unknown data errors.
(4) Prenatal program participation
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions

WIC PNSS & PedNSS

Table 4F

2019 Pediatric Nutrition Surveillance [1]

Michigan

Comparison of Racial and Ethnic Distribution by Local Agency

Children Aged < 5 Years [2]

Comparison of Racial and Ethnic Distribution

Local Agency	Number Included in Analysis [3,4]	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
78Shiawass	1,593	81.6	0.6	8.2	0.1	0.1	9.2	0.2
81Washtena	4,115	31.9	38.1	12.0	0.0	1.9	15.8	0.3
82Wayne	19,871	53.6	26.8	6.5	0.1	5.9	7.0	0.2
89Urban L	13,227	11.9	76.4	6.8	0.1	0.5	4.2	0.1
90Detroit	22,168	8.1	71.4	16.4	0.1	1.2	2.7	0.1
Michigan	**205,794**	**46.9**	**28.1**	**13.3**	**0.3**	**2.0**	**9.3**	**0.1**
National (Prior Year)	**740,937**	**38.8**	**22.4**	**23.6**	**1.0**	**2.7**	**6.4**	**5.1**

(1) Reporting period is January 1 through December 31
(2) Analyses based on one record per child
(3) Excludes records with unknown data errors.
(4) Prenatal program participation
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions

WIC PNSS & PedNSS
Table 5F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Age Distribution by Local Agency
Children Aged < 5 Years [2]

Comparison of Age Distribution			
Local Agency	Number Included in Analysis [3,4]	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
01DHD#2	1,573	29.9	22.1	48.0
02LMAS	703	29.6	22.3	48.1
04DHD#4	1,501	29.9	23.6	46.5
05NWMCHA	2,363	32.8	19.2	48.0
06CMDHD	4,293	31.0	21.6	47.4
07West UP	1,152	28.8	21.6	49.6
08Barry	2,141	30.7	20.4	48.9
09Bay	2,281	26.3	25.3	48.3
10Gr Trav	1,563	31.4	21.5	47.1
11Berrien	3,679	36.7	17.5	45.8
12BHS	4,067	33.6	21.3	45.0
13Calhoun	3,772	31.0	21.3	47.8
14Leelanau	589	30.4	21.1	48.6
15Intercar	9,947	29.6	22.4	48.0
17Chippewa	856	32.0	19.6	48.4
19Mid-Mich	3,012	34.4	19.5	46.1
21Delta	1,127	33.3	21.4	45.3
22Iron	841	27.6	23.1	49.3
25Genesee	10,575	36.2	18.4	45.4
30HDI	2,304	34.8	18.8	46.5
32Huron	633	32.4	18.2	49.4

(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) Records rejected if date of birth and date of visit unknown.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS
Table 5F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Age Distribution by Local Agency
Children Aged < 5 Years   [2]

Comparison of Age Distribution				
Local Agency	Number Included in Analysis [3,4]	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
33Ingham	6,697	35.7	19.3	45.0
35Keweenaw	184	34.8	17.9	47.3
37Ionia	1,412	28.8	21.1	50.1
38Jackson	4,051	30.9	20.8	48.3
39Kalamazo	5,289	35.3	19.9	44.8
41Kent	14,093	33.5	20.3	46.2
43DHD#10	6,682	28.7	22.6	48.7
44Lapeer	1,466	31.1	21.1	47.7
45Tuscola	1,301	30.4	22.5	47.1
46CAA	1,716	35.4	19.7	44.9
47Livingst	1,583	32.4	21.4	46.2
50Macomb	10,100	35.1	21.2	43.7
51DCS	2,151	30.8	23.3	45.9
52Marquett	1,017	29.6	24.9	45.5
56MMCAA	1,360	36.8	17.5	45.7
58Monroe	2,575	33.3	19.7	47.0
61Muskegon	5,056	33.0	21.6	45.4
63Oakland	12,363	35.0	19.0	46.0
73Saginaw	3,016	37.9	20.2	41.9
74St Clair	2,798	34.2	20.7	45.1
76Sanilac	820	33.0	19.0	47.9

(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) Records rejected if date of birth and date of visit unknown.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 5F

2019 Pediatric Nutrition Surveillance [1]

Michigan

Comparison of Age Distribution by Local Agency

Children Aged < 5 Years [2]

Comparison of Age Distribution				
Local Agency	Number Included in Analysis [3,4]	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
78Shiawass	1,593	30.6	21.3	48.1
81Washtena	4,115	33.3	21.1	45.5
82Wayne	19,871	35.4	19.6	44.9
89Urban L	13,227	35.7	19.9	44.4
90Detroit	22,168	37.9	19.0	43.1
Michigan	**205,794**	**34.0**	**20.3**	**45.7**
National (Prior Year)	**740,937**	**33.1**	**21.6**	**45.3**

(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) Records rejected if date of birth and date of visit unknown.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS
Table 6F
2019 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years   (2)

Comparison of Growth and Anemia Indicators   (3,4)

Local Agency	Birth Weight (5)			Height and Weight (6,7)							Anemia Low Hb/Hct (8)	
		Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
01DHD#2	305	7.2 (5)	5.9 (13)	1,530	7.1 (23)	1.8 (9)	12.3 (35)	702	19.4 (42)	14.1 (16)	1,092	11.8 (21)
02LMAS	149	6.7 (3)	12.8 (44)	684	3.9 (1)	3.5 (37)	10.2 (8)	310	17.1 (18)	15.5 (33)	475	5.7 (6)
04DHD#4	334	10.5 (25)	8.7 (33)	1,452	7.1 (23)	1.6 (5)	11.8 (26)	648	19.6 (43)	15.6 (35)	1,009	17.0 (36)
05NWMCHA	474	9.5 (21)	8.9 (35)	2,302	7.1 (23)	4.5 (45)	11.9 (28)	1,083	18.8 (37)	15.3 (31)	1,532	8.2 (12)
06CMDHD	923	8.9 (15)	6.1 (16)	4,176	6.7 (18)	2.8 (28)	10.6 (9)	1,885	17.2 (22)	15.2 (30)	2,898	8.7 (14)
07West UP	229	7.0 (4)	9.6 (39)	1,111	7.5 (30)	2.5 (24)	12.4 (36)	530	16.8 (16)	15.8 (36)	753	5.8 (7)
08Barry	422	10.7 (27)	9.2 (37)	2,080	7.8 (33)	2.0 (11)	11.4 (19)	972	20.8 (46)	14.3 (22)	1,399	5.0 (3)
09Bay	460	9.3 (20)	7.2 (24)	2,225	7.2 (26)	1.4 (2)	12.1 (33)	1,036	18.1 (31)	17.1 (45)	1,620	9.3 (17)
10Gr Trav	369	7.6 (7)	13.8 (46)	1,415	4.7 (2)	4.2 (44)	11.4 (19)	690	19.1 (40)	13.6 (12)	959	17.8 (37)
11Berrien	867	9.1 (19)	4.5 (4)	3,601	6.4 (15)	3.6 (39)	10.7 (11)	1,606	16.6 (14)	14.2 (21)	2,351	11.4 (20)
12BHS	946	8.9 (15)	7.8 (28)	3,970	8.0 (36)	2.4 (18)	12.0 (32)	1,725	17.0 (17)	15.4 (32)	2,612	12.5 (24)
13Calhoun	824	10.0 (23)	7.2 (24)	3,664	7.9 (35)	2.8 (28)	13.9 (41)	1,675	17.4 (23)	17.0 (44)	2,513	15.2 (31)
14Leelanau	122	4.9 (1)	9.0 (36)	574	5.9 (9)	1.4 (2)	13.1 (39)	266	18.8 (37)	16.5 (41)	380	7.9 (11)

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 6F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years [2]

Comparison of Growth and Anemia Indicators [3,4]

Local Agency	Birth Weight [5]			Height and Weight [6,7]							Anemia Low Hb/Hct [8]	
		Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
15 Intercar	2,193	7.6 (7)	8.8 (34)	9,703	5.7 (7)	2.5 (24)	11.7 (25)	4,521	16.1 (9)	14.1 (16)	6,619	22.4 (44)
17 Chippewa	176	8.5 (13)	13.6 (45)	827	7.3 (29)	3.4 (35)	14.5 (43)	388	17.5 (27)	16.2 (37)	494	16.0 (33)
19 Mid-Mich	643	7.8 (9)	9.8 (40)	2,931	8.5 (38)	1.6 (5)	12.4 (36)	1,299	17.8 (28)	14.5 (24)	2,070	2.5 (1)
21 Delta	265	10.6 (26)	6.0 (15)	1,097	8.9 (42)	1.7 (8)	11.9 (28)	483	16.1 (9)	13.0 (9)	736	9.1 (16)
22 Iron	170	11.8 (32)	10.0 (41)	827	5.1 (4)	1.9 (10)	12.7 (38)	403	18.4 (34)	16.4 (39)	539	13.9 (27)
25 Genesee	2,554	12.9 (41)	5.7 (10)	10,255	8.9 (42)	2.4 (18)	11.3 (17)	4,510	15.4 (5)	11.8 (2)	6,662	19.7 (42)
30 HDI	543	12.9 (41)	3.3 (1)	2,237	5.9 (9)	3.8 (41)	11.4 (19)	1,031	16.0 (8)	14.1 (16)	1,530	7.5 (10)
32 Huron	127	11.8 (32)	9.4 (38)	615	8.8 (41)	3.1 (34)	13.5 (40)	297	15.5 (6)	12.8 (7)	439	4.3 (2)
33 Ingham	1,588	10.3 (24)	6.5 (18)	6,544	8.4 (37)	2.9 (31)	11.0 (14)	2,873	17.1 (18)	12.4 (5)	4,333	10.3 (18)
35 Keweenaw	35	*	*	182	4.9 (3)	3.8 (41)	15.9 (46)	85	*	*	124	12.9 (25)
37 Ionia	303	8.9 (15)	7.9 (30)	1,385	6.1 (11)	3.5 (37)	11.4 (19)	650	19.1 (40)	14.6 (25)	977	5.5 (5)
38 Jackson	888	12.2 (39)	7.1 (23)	3,922	6.1 (11)	6.2 (47)	11.1 (15)	1,809	18.9 (39)	16.4 (39)	2,515	16.6 (35)
39 Kalamazo	1,267	12.8 (40)	7.2 (24)	5,069	6.1 (11)	3.6 (39)	11.9 (28)	2,226	17.1 (18)	14.7 (28)	3,454	27.7 (46)
41 Kent	3,079	13.0 (43)	5.6 (8)	13,743	9.0 (44)	2.2 (15)	11.9 (28)	6,127	16.5 (13)	13.9 (15)	9,342	10.8 (19)

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Run Date: 5/6/2020

Table 6F

Page : 9

2019 Pediatric Nutrition Surveillance (1)

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

Local Agency	Birth Weight (5)			Height and Weight (6,7)							Anemia Low Hb/Hct (8)	
		Low	High		Short Stature	Under-Weight	Obese		≥ 2 Yrs Overweight and Obese			
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
43DHD#10	1,409	7.5 (6)	7.7 (27)	6,463	6.9 (21)	1.6 (5)	11.8 (26)	3,092	18.5 (35)	14.6 (25)	4,596	11.8 (21)
44Lapeer	306	8.5 (13)	7.8 (28)	1,443	5.7 (7)	2.1 (14)	9.3 (3)	669	16.4 (12)	14.1 (16)	975	14.1 (28)
45Tuscola	278	9.0 (18)	8.3 (31)	1,273	7.0 (22)	2.8 (28)	10.6 (9)	585	17.8 (28)	14.7 (28)	898	6.9 (9)
46CAA	378	7.9 (10)	6.6 (19)	1,685	7.8 (33)	2.4 (18)	14.1 (42)	747	18.6 (36)	16.5 (41)	1,092	27.4 (45)
47Livingst	320	13.1 (44)	6.6 (19)	1,549	8.6 (40)	2.0 (11)	9.2 (2)	694	17.1 (18)	12.7 (6)	1,102	8.3 (13)
50Macomb	2,461	11.1 (30)	5.6 (8)	9,885	6.6 (16)	2.3 (17)	11.3 (17)	4,175	14.3 (3)	13.5 (11)	6,449	11.8 (21)
51DCS	506	11.9 (35)	5.9 (13)	2,093	6.8 (20)	2.5 (24)	11.6 (24)	923	17.4 (23)	14.1 (16)	1,423	18.4 (39)
52Marquett	224	9.8 (22)	11.2 (42)	982	9.9 (46)	2.0 (11)	15.9 (46)	449	18.3 (32)	16.5 (41)	563	5.2 (4)
56MMCAA	301	8.0 (11)	11.3 (43)	1,329	9.7 (45)	1.4 (2)	15.6 (45)	575	18.3 (32)	14.6 (25)	835	14.9 (30)
58Monroe	600	11.8 (32)	6.8 (21)	2,504	7.7 (32)	2.6 (27)	10.8 (12)	1,112	17.4 (23)	14.4 (23)	1,668	14.3 (29)
61Muskegon	1,212	10.8 (28)	4.5 (4)	4,885	8.5 (38)	2.4 (18)	12.2 (34)	2,173	16.3 (11)	13.8 (14)	3,305	15.6 (32)
63Oakland	2,759	12.0 (36)	6.8 (21)	12,036	7.5 (30)	2.4 (18)	10.1 (7)	5,345	15.6 (7)	12.9 (8)	8,096	19.5 (41)
73Saginaw	760	12.1 (37)	5.3 (7)	2,918	5.1 (4)	4.0 (43)	9.9 (5)	1,200	17.4 (23)	13.7 (13)	1,986	16.0 (33)
74St Clair	687	6.4 (2)	8.6 (32)	2,708	7.2 (26)	2.2 (15)	11.5 (23)	1,164	20.6 (45)	16.2 (37)	1,812	8.8 (15)

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 6F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years   [2]

Comparison of Growth and Anemia Indicators [3,4]											
Local Agency	Birth Weight [5]			Height and Weight [6,7]							Anemia Low Hb/Hct [8]	
		Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
76Sanilac	190	12.1 (37)	5.8 (11)	783	13.7 (47)	0.8 (1)	14.9 (44)	361	20.2 (44)	21.3 (46)	524	13.2 (26)
78Shiawass	359	8.4 (12)	6.4 (17)	1,554	5.5 (6)	2.4 (18)	11.1 (15)	736	17.8 (28)	15.5 (33)	1,088	6.6 (8)
81Washtena	958	11.4 (31)	5.0 (6)	4,006	6.2 (14)	3.0 (32)	8.8 (1)	1,761	16.6 (14)	11.9 (3)	2,792	18.1 (38)
82Wayne	4,472	11.0 (29)	5.8 (11)	19,451	6.6 (16)	3.0 (32)	10.0 (6)	8,447	14.8 (4)	12.2 (4)	12,817	19.0 (40)
89Urban L	2,646	16.8 (46)	3.7 (2)	12,834	7.2 (26)	4.9 (46)	10.9 (13)	5,516	13.9 (1)	13.0 (9)	8,732	36.2 (47)
90Detroit	6,453	13.7 (45)	3.9 (3)	21,221	6.7 (18)	3.4 (35)	9.3 (3)	8,951	14.2 (2)	11.6 (1)	13,270	20.0 (43)
Michigan	**47,554**	**11.3**	**6.2**	**199,797**	**7.2**	**2.9**	**11.1**	**88,540**	**16.3**	**13.7**	**133,482**	**16.7**
National (Prior Year)	**163,620**	**10.7**	**6.2**	**677,596**	**7.8**	**3.0**	**10.9**	**285,236**	**16.1**	**13.6**	**482,395**	**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) Rank compares one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 7F

2019 Pediatric Nutrition Surveillance [1]

Michigan

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency [2]

Children Aged < 5 Years [3]

Comparison of Breastfeeding, TV Viewing, and Smoking in Household [4,5]

Local Agency	Breastfeeding [6]						Exclusive Breastfeeding [7]						≤ 2 Hours TV Viewing/Day [8]		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
01DHD#2	307	67.1 (33)	286	33.6 (26)	265	12.1 (33)	201	16.4 (32)	245	8.6 (31)	796	88.8 (14)	1,571	4.6 (39)
02LMAS	148	75.7 (20)	123	30.9 (32)	112	12.5 (30)	82	*	110	13.6 (12)	356	83.4 (34)	698	3.0 (24)
04DHD#4	334	73.7 (24)	246	35.4 (21)	276	13.8 (27)	157	17.2 (28)	206	12.1 (17)	747	84.1 (33)	1,501	4.9 (42)
05NWMCHA	507	83.2 (4)	415	53.3 (1)	332	19.9 (6)	261	39.8 (1)	331	21.1 (2)	1,191	86.5 (23)	2,355	4.0 (33)
06CMDHD	929	76.6 (16)	819	36.8 (15)	784	15.4 (19)	519	22.7 (17)	681	10.0 (26)	2,130	88.7 (16)	4,284	4.9 (42)
07West UP	229	82.5 (6)	197	47.2 (4)	183	25.7 (2)	127	32.3 (3)	170	20.6 (3)	608	91.8 (4)	1,151	1.7 (11)
08Barry	435	80.5 (10)	409	43.5 (6)	348	17.8 (11)	230	21.3 (20)	334	9.6 (27)	1,085	86.3 (24)	2,135	2.1 (16)
09Bay	461	61.4 (38)	267	27.0 (37)	406	13.1 (29)	145	23.4 (15)	254	3.5 (44)	1,163	88.8 (14)	2,280	3.3 (25)
10Gr Trav	371	81.7 (7)	235	51.1 (2)	262	25.2 (3)	136	34.6 (2)	180	10.6 (23)	775	91.0 (7)	1,561	1.2 (2)
11Berrien	871	72.0 (28)	619	33.6 (26)	421	14.0 (25)	477	21.8 (19)	519	10.4 (24)	1,727	78.2 (41)	3,665	4.0 (33)
12BHS	954	77.8 (15)	733	34.8 (23)	683	15.8 (17)	512	26.6 (8)	599	12.7 (14)	1,918	85.3 (26)	4,050	3.5 (28)
13Calhoun	828	72.2 (27)	659	34.3 (24)	653	15.3 (20)	427	23.7 (14)	513	11.1 (22)	1,851	88.3 (17)	3,752	1.8 (12)
14Leelanau	122	85.2 (3)	77	*	88	*	49	*	60	*	296	81.1 (36)	589	4.6 (39)

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS
Table 7F
2019 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years (3)

Local Agency	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤ 2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
15Intercar	2,225	75.5 (21)	1,494	38.2 (11)	1,680	14.4 (23)	992	25.0 (10)	1,197	14.5 (10)	4,873	93.9 (2)	9,846	1.4 (5)
17Chippewa	176	59.1 (41)	124	35.5 (18)	129	18.6 (7)	85	*	114	23.7 (1)	439	90.7 (8)	856	7.9 (47)
19Mid-Mich	644	85.4 (2)	522	38.7 (8)	440	15.7 (18)	322	28.9 (5)	434	14.1 (11)	1,458	84.5 (31)	2,995	2.9 (23)
21Delta	268	75.0 (22)	197	35.5 (18)	203	12.3 (32)	161	24.2 (12)	170	12.4 (16)	547	89.0 (13)	1,124	3.6 (31)
22Iron	171	72.5 (25)	110	35.5 (18)	147	21.8 (4)	82	*	98	*	442	90.0 (11)	841	2.7 (21)
25Genesee	2,565	54.0 (45)	1,947	25.5 (39)	1,503	10.4 (39)	1,376	11.6 (36)	1,560	7.6 (34)	4,984	84.5 (31)	10,514	2.7 (21)
30HDI	544	61.0 (39)	426	21.6 (45)	336	6.8 (44)	313	9.9 (38)	380	3.9 (43)	1,125	77.2 (43)	2,296	2.6 (19)
32Huron	128	78.1 (14)	131	47.3 (3)	66	*	81	*	106	6.6 (36)	341	87.7 (20)	632	5.2 (46)
33Ingham	1,608	76.1 (18)	1,151	40.7 (7)	954	17.9 (10)	834	19.9 (23)	935	11.4 (20)	3,133	89.6 (12)	6,567	1.6 (8)
35Keweenaw	36	*	38	*	18	*	25	*	35	*	89	*	180	3.3 (25)
37Ionia	306	81.7 (7)	249	35.3 (22)	253	18.6 (7)	163	24.5 (11)	216	11.6 (18)	728	86.8 (21)	1,410	1.8 (12)
38Jackson	891	69.8 (31)	826	36.9 (14)	707	11.5 (34)	473	22.0 (18)	661	13.6 (12)	2,033	78.3 (40)	4,046	4.1 (36)
39Kalamazo	1,291	70.3 (30)	904	31.4 (31)	731	13.5 (28)	631	21.1 (21)	771	7.5 (35)	2,346	79.4 (39)	5,276	2.2 (17)

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Run Date: 5/6/2020

Page : 13

Table 7F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency [2]
Children Aged < 5 Years   [3]

Comparison of Breastfeeding, TV Viewing, and Smoking in Household   [4,5]

Local Agency	Breastfeeding [6]						Exclusive Breastfeeding [7]				≤ 2 Hours TV Viewing/Day [8]		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
41Kent	3,099	74.4 (23)	2,833	30.6 (33)	2,282	15.1 (21)	1,892	15.4 (33)	2,363	8.8 (29)	6,783	86.6 (22)	13,992	1.3 (3)
43DHD#10	1,414	76.0 (19)	984	38.7 (8)	1,187	18.3 (9)	664	27.9 (6)	855	14.9 (7)	3,412	88.1 (19)	6,671	3.6 (31)
44Lapeer	308	78.9 (13)	289	38.1 (12)	261	16.5 (15)	195	20.5 (22)	254	10.2 (25)	720	91.1 (6)	1,465	0.8 (1)
45Tuscola	279	79.9 (12)	240	36.3 (16)	228	14.0 (25)	167	17.4 (27)	201	4.0 (42)	650	88.3 (17)	1,299	3.5 (28)
46CAA	378	72.5 (25)	323	30.3 (34)	261	16.1 (16)	245	25.3 (9)	291	12.7 (14)	811	80.6 (37)	1,709	3.3 (25)
47Livingst	322	81.4 (9)	303	33.7 (25)	260	16.9 (12)	217	24.0 (13)	270	15.2 (6)	763	91.6 (5)	1,583	1.5 (7)
50Macomb	2,500	60.7 (40)	1,753	23.9 (42)	1,750	10.5 (38)	1,382	13.8 (34)	1,577	8.0 (33)	4,484	78.2 (41)	10,050	2.0 (14)
51DCS	508	67.3 (32)	377	33.2 (28)	375	14.9 (22)	229	19.7 (24)	288	8.7 (30)	1,012	85.2 (27)	2,147	1.4 (5)
52Marquett	225	86.2 (1)	167	38.3 (10)	181	16.6 (14)	96	*	134	14.9 (7)	477	94.1 (1)	1,009	2.5 (18)
56MMCAA	302	82.8 (5)	258	37.2 (13)	191	26.2 (1)	215	31.6 (4)	222	19.8 (4)	641	90.3 (10)	1,321	2.0 (14)
58Monroe	605	62.5 (37)	482	25.5 (39)	406	11.1 (36)	333	16.8 (30)	417	6.5 (38)	1,248	90.6 (9)	2,565	4.1 (36)
61Muskegon	1,216	66.6 (34)	803	28.8 (35)	841	9.9 (40)	527	19.0 (25)	643	8.4 (32)	2,359	76.4 (44)	5,044	4.0 (33)
63Oakland	2,784	71.9 (29)	2,232	32.6 (29)	1,600	14.4 (23)	1,746	19.0 (25)	1,949	11.5 (19)	5,937	84.6 (29)	12,247	1.3 (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) Rank compares one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F
2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency [2]
Children Aged < 5 Years   [3]

Local Agency	Comparison of Breastfeeding, TV Viewing, and Smoking in Household [4,5]													
	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤ 2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
73Saginaw	762	62.9 (36)	556	23.7 (43)	444	9.5 (41)	431	12.8 (35)	483	6.6 (36)	1,255	84.6 (29)	2,919	2.6 (19)
74St Clair	693	66.2 (35)	548	28.8 (35)	498	12.4 (31)	345	16.5 (31)	471	11.3 (21)	1,323	80.3 (38)	2,798	5.0 (44)
76Sanilac	191	57.1 (43)	141	32.6 (29)	115	11.3 (35)	107	27.1 (7)	127	18.1 (5)	413	93.2 (3)	817	3.5 (28)
78Shiawass	359	76.6 (16)	280	35.7 (17)	279	16.8 (13)	199	17.1 (29)	233	9.0 (28)	798	86.1 (25)	1,584	4.3 (38)
81Washtena	962	80.5 (10)	732	43.7 (5)	646	20.6 (5)	558	23.1 (16)	607	14.8 (9)	1,950	85.0 (28)	4,088	1.6 (8)
82Wayne	4,537	58.0 (42)	3,641	26.0 (38)	3,025	11.0 (37)	2,728	10.2 (37)	3,243	6.4 (39)	9,325	81.7 (35)	19,712	1.6 (8)
89Urban L	2,818	56.8 (44)	2,511	21.8 (44)	1,936	7.0 (42)	1,891	7.2 (40)	2,157	4.1 (41)	6,038	63.1 (46)	13,121	5.0 (44)
90Detroit	6,491	53.5 (46)	3,517	25.4 (41)	3,136	7.0 (42)	2,539	9.3 (39)	2,941	4.7 (40)	9,887	65.3 (45)	22,091	4.8 (41)
Michigan	**48,135**	**66.7**	**36,196**	**31.1**	**31,898**	**13.0**	**25,587**	**17.0**	**30,625**	**9.3**	**97,509**	**81.7**	**204,521**	**2.9**
National (Prior Year)	**173,458**	**71.3**	**97,325**	**34.7**	**100,205**	**24.4**	**65,188**	**17.4**	**78,226**	**7.7**	**300,228**	**81.9**	**684,720**	**3.9**

(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 one Local Agency's rate to other Local Agencies. 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.
* National includes previous year's data for all participating States and ITOs
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Run Date: 5/6/2020

Table 6F

Page : 15

2017 - 2019 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)
Combined 3 Years

Comparison of Growth and Anemia Indicators (3,4)

Local Agency	Birth Weight (5)			Height and Weight (6,7)							Anemia Low Hb/Hct (8)	
		Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
01DHD#2	1,048	8.6 (14)	8.3 (29)	4,748	7.1 (23)	2.3 (13)	11.5 (27)	2,074	17.5 (30)	14.5 (28)	3,267	17.4 (27)
02LMAS	487	9.2 (20)	11.5 (47)	2,076	5.4 (2)	4.0 (43)	11.0 (18)	894	18.8 (37)	16.8 (45)	1,427	11.5 (14)
04DHD#4	1,051	9.5 (22)	9.5 (40)	4,481	7.3 (26)	2.4 (16)	11.9 (35)	1,964	18.9 (38)	16.5 (44)	3,041	18.5 (30)
05NWMCHA	1,478	8.9 (16)	8.8 (36)	7,347	6.8 (18)	4.4 (45)	11.4 (25)	3,408	17.4 (28)	14.1 (22)	4,964	10.8 (10)
06CMDHD	2,893	8.3 (10)	7.8 (23)	12,878	6.8 (18)	2.7 (27)	10.5 (12)	5,742	17.1 (22)	14.8 (33)	8,786	11.3 (13)
07West UP	760	6.4 (2)	9.3 (38)	3,524	7.3 (26)	2.3 (13)	11.5 (27)	1,596	16.5 (10)	14.0 (19)	2,336	8.0 (3)
08Barry	1,399	9.4 (21)	8.9 (37)	6,683	7.4 (32)	2.5 (20)	11.5 (27)	3,000	20.1 (46)	14.5 (28)	4,401	8.8 (6)
09Bay	1,502	8.1 (7)	8.7 (34)	6,937	7.7 (35)	1.5 (2)	12.8 (41)	3,074	18.4 (34)	17.2 (46)	4,926	11.0 (12)
10Gr Trav	1,247	9.5 (22)	11.1 (44)	4,591	4.7 (1)	6.1 (47)	9.5 (4)	1,997	19.8 (45)	12.6 (9)	2,931	19.5 (33)
11Berrien	2,514	9.5 (22)	6.5 (12)	10,388	7.2 (24)	3.5 (38)	10.4 (9)	4,379	17.3 (24)	13.5 (13)	6,882	16.0 (24)
12BHS	2,891	8.2 (8)	7.8 (23)	12,461	8.1 (39)	2.1 (10)	12.7 (40)	5,417	16.7 (15)	14.7 (32)	8,253	10.8 (10)
13Calhoun	2,607	10.1 (29)	7.3 (19)	11,686	7.7 (35)	3.0 (34)	13.7 (43)	5,347	17.3 (24)	16.0 (40)	8,178	21.9 (37)
14Leelanau	360	6.1 (1)	10.3 (43)	1,692	6.3 (12)	2.9 (32)	12.1 (37)	758	18.9 (38)	16.1 (42)	1,139	11.5 (14)
15Intercar	6,731	8.6 (14)	9.4 (39)	30,739	5.8 (4)	2.6 (24)	12.0 (36)	14,241	16.4 (9)	14.5 (28)	21,235	27.5 (45)

(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 one Local Agency's rate to other Local Agencies. 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.

WIC PNSS & PedNSS
Table 6F
2017 - 2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years [2]
Combined 3 Years

Local Agency	Comparison of Growth and Anemia Indicators [3,4]										
	Birth Weight [5]		Height and Weight [6,7]							Anemia Low Hb/Hct [8]	
	Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
17Chippewa	587	8.0 (6)	11.2 (45)	2,660	6.8 (18)	3.6 (39)	14.4 (45)	1,223	17.3 (24)	16.4 (43)	1,659	23.3 (40)
19Mid-Mich	2,006	8.5 (12)	8.6 (33)	9,089	8.3 (41)	2.0 (8)	11.5 (27)	3,870	17.4 (28)	14.3 (23)	6,361	4.1 (1)
21Delta	796	9.8 (26)	8.3 (29)	3,550	7.5 (33)	2.0 (8)	10.6 (13)	1,600	16.0 (8)	11.9 (2)	2,415	7.8 (2)
22Iron	541	10.0 (27)	7.6 (22)	2,576	6.0 (10)	2.7 (27)	11.5 (27)	1,190	17.3 (24)	15.2 (37)	1,716	17.8 (28)
25Genesee	7,757	13.0 (45)	5.4 (7)	31,154	9.2 (46)	2.6 (24)	11.1 (19)	13,168	15.7 (6)	12.3 (6)	20,253	22.3 (39)
30HDI	1,519	13.1 (46)	4.5 (3)	6,502	6.0 (10)	3.3 (37)	11.7 (34)	2,992	16.9 (18)	13.9 (17)	4,538	12.9 (18)
32Huron	407	9.6 (25)	12.0 (48)	1,964	8.5 (43)	2.3 (13)	14.1 (44)	849	16.8 (17)	14.4 (26)	1,391	9.3 (8)
33Ingham	4,805	10.7 (32)	6.6 (14)	19,476	8.1 (39)	3.2 (35)	10.4 (9)	8,267	16.5 (10)	13.0 (10)	12,878	13.1 (19)
35Keweenaw	134	7.5 (3)	11.2 (45)	631	6.5 (13)	2.4 (16)	20.8 (48)	294	21.1 (47)	23.5 (48)	407	21.4 (35)
37Ionia	959	10.0 (27)	6.8 (16)	4,356	5.6 (3)	4.3 (44)	11.4 (25)	1,939	19.2 (44)	14.3 (23)	3,090	10.1 (9)
38Jackson	2,781	11.0 (35)	6.9 (17)	12,185	5.8 (4)	6.1 (47)	10.6 (13)	5,522	18.4 (34)	15.8 (39)	8,026	20.6 (34)
39Kalamazo	3,336	11.4 (39)	7.5 (21)	13,666	5.8 (4)	3.9 (42)	11.2 (21)	5,958	17.5 (30)	13.8 (16)	9,381	32.2 (47)
40Kal Fam	523	10.7 (32)	8.2 (28)	2,921	5.8 (4)	2.9 (32)	11.2 (21)	1,332	16.9 (18)	13.7 (15)	2,072	30.7 (46)
41Kent	9,761	11.9 (43)	6.5 (12)	43,797	9.0 (45)	2.2 (11)	11.1 (19)	19,319	15.9 (7)	13.1 (12)	29,642	15.4 (22)

(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 one Local Agency's rate to other Local Agencies. 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.

WIC PNSS & PedNSS
Run Date: 5/6/2020
Table 6F
Page : 17
2017 - 2019 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years (2)
Combined 3 Years

Comparison of Growth and Anemia Indicators (3,4)

Local Agency	Birth Weight (5)			Height and Weight (6,7)							Anemia Low Hb/Hct (8)	
		Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
43DHD#10	4,462	8.5 (12)	8.0 (26)	20,069	7.3 (26)	1.8 (4)	11.5 (27)	9,309	17.8 (32)	14.3 (23)	14,083	15.1 (21)
44Lapeer	990	10.1 (29)	8.1 (27)	4,605	6.6 (14)	2.2 (11)	9.8 (7)	2,087	16.7 (15)	15.1 (35)	3,169	13.4 (20)
45Tuscola	914	8.4 (11)	9.8 (41)	3,979	6.7 (16)	2.5 (20)	9.6 (5)	1,800	16.5 (10)	13.6 (14)	2,742	9.2 (7)
46CAA	1,250	8.2 (8)	7.8 (23)	5,376	7.2 (24)	2.5 (20)	12.1 (37)	2,265	18.9 (38)	16.0 (40)	3,322	26.5 (43)
47Livingst	997	11.2 (38)	8.3 (29)	4,579	8.3 (41)	1.9 (5)	9.0 (2)	2,022	18.0 (33)	12.1 (4)	3,122	8.7 (5)
50Macomb	7,461	11.4 (39)	4.9 (4)	29,882	7.0 (22)	2.4 (16)	10.9 (16)	12,267	14.4 (2)	13.0 (10)	19,502	17.9 (29)
51DCS	1,645	10.2 (31)	6.2 (10)	7,038	7.3 (26)	1.9 (5)	11.2 (21)	2,964	17.2 (23)	14.6 (31)	4,832	18.9 (31)
52Marquett	686	11.1 (37)	8.7 (34)	3,063	10.1 (47)	2.8 (29)	13.2 (42)	1,414	19.1 (41)	14.4 (26)	1,805	8.5 (4)
56MMCAA	995	7.7 (4)	10.2 (42)	4,293	8.9 (44)	1.6 (3)	14.8 (46)	1,757	19.1 (41)	14.0 (19)	2,730	16.3 (25)
58Monroe	1,751	9.1 (19)	6.6 (14)	7,401	7.3 (26)	2.5 (20)	10.7 (15)	3,155	17.0 (20)	14.9 (34)	4,924	15.7 (23)
61Muskegon	3,894	11.0 (35)	5.2 (5)	15,769	8.0 (37)	2.6 (24)	12.2 (39)	6,892	17.0 (20)	14.0 (19)	10,744	24.5 (41)
63Oakland	8,674	12.6 (44)	5.9 (9)	37,931	8.0 (37)	2.4 (16)	9.7 (6)	16,234	15.6 (5)	12.1 (4)	25,615	22.0 (38)
73Saginaw	2,466	11.6 (41)	5.6 (8)	9,551	5.8 (4)	3.6 (39)	11.5 (27)	3,909	16.5 (10)	13.9 (17)	6,314	19.4 (32)
74St Clair	2,045	7.7 (4)	8.5 (32)	8,561	7.5 (33)	1.9 (5)	11.2 (21)	3,728	19.1 (41)	15.6 (38)	5,664	12.5 (17)

(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 one Local Agency's rate to other Local Agencies. 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.

WIC PNSS & PedNSS
Table 6F
2017 - 2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Growth and Anemia Indicators by Local Agency
Children Aged < 5 Years [2]
Combined 3 Years

Local Agency	Birth Weight [5]			Height and Weight [6,7]							Anemia Low Hb/Hct [8]	
		Low	High		Short Stature	Under-Weight	Obese	≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
76Sanilac	564	8.9 (16)	7.4 (20)	2,436	11.6 (48)	0.9 (1)	15.7 (47)	1,074	21.6 (48)	23.2 (47)	1,631	16.6 (26)
78Shiawass	1,028	8.9 (16)	7.2 (18)	4,741	5.9 (9)	3.2 (35)	10.9 (16)	2,220	18.5 (36)	15.1 (35)	3,351	12.0 (16)
81Washtena	2,892	11.8 (42)	5.3 (6)	12,673	6.6 (14)	2.8 (29)	8.6 (1)	5,465	16.5 (10)	12.4 (7)	8,848	25.0 (42)
82Wayne	14,302	10.9 (34)	6.2 (10)	60,418	6.7 (16)	2.8 (29)	9.8 (7)	25,231	14.7 (3)	11.8 (1)	39,009	21.7 (36)
89Urban L	8,671	15.6 (48)	3.7 (1)	38,430	7.3 (26)	5.3 (46)	10.4 (9)	15,994	14.7 (3)	12.5 (8)	25,728	40.3 (48)
90Detroit	18,779	13.4 (47)	4.1 (2)	66,420	6.8 (18)	3.6 (39)	9.4 (3)	28,012	14.3 (1)	11.9 (2)	41,909	26.6 (44)
Michigan	**147,397**	**11.2**	**6.4**	**622,136**	**7.3**	**3.0**	**10.8**	**269,278**	**16.3**	**14.2**	**414,719**	**20.6**

(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 one Local Agency's rate to other Local Agencies. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
(8) Based on 1998 CDC MMWR, ''Recommendations to Prevent and Control Iron Deficiency in the United States'', altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7F

2017 - 2019 Pediatric Nutrition Surveillance (1)

Michigan

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)

Children Aged < 5 Years (3)

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)

Local Agency	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤ 2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
01DHD#2	1,052	66.9 (36)	916	31.0 (34)	806	11.3 (36)	632	17.1 (34)	772	9.2 (31)	2,423	90.5 (9)	4,882	5.7 (47)
02LMAS	486	75.1 (20)	366	32.2 (27)	361	13.0 (30)	236	24.6 (13)	319	11.0 (23)	1,041	83.6 (35)	2,130	3.3 (26)
04DHD#4	1,054	72.3 (25)	791	36.2 (20)	838	12.8 (31)	569	22.0 (19)	660	15.2 (7)	2,280	83.5 (36)	4,609	5.5 (46)
05NWMCHA	1,617	80.8 (7)	1,307	46.5 (2)	1,113	19.6 (8)	834	36.5 (2)	1,066	20.2 (2)	3,851	87.0 (22)	7,518	4.4 (38)
06CMDHD	2,907	75.6 (18)	2,387	37.0 (15)	2,275	14.5 (22)	1,548	22.7 (17)	1,985	11.8 (20)	6,648	89.8 (13)	13,185	5.3 (44)
07West UP	767	80.2 (8)	637	44.3 (4)	596	24.2 (1)	431	30.4 (6)	556	17.8 (4)	1,867	89.4 (17)	3,641	2.7 (17)
08Barry	1,445	81.2 (6)	1,341	37.8 (14)	1,061	17.3 (13)	828	19.8 (25)	1,134	10.5 (25)	3,449	86.0 (27)	6,855	2.4 (15)
09Bay	1,507	66.2 (37)	1,028	32.0 (28)	1,267	12.5 (33)	673	21.0 (20)	893	5.5 (42)	3,531	89.2 (18)	7,108	2.9 (22)
10Gr Trav	1,250	84.1 (1)	803	52.4 (1)	866	23.1 (2)	449	37.9 (1)	627	16.1 (6)	2,259	90.3 (11)	4,881	1.8 (7)
11Berrien	2,526	70.6 (31)	1,754	30.0 (36)	1,293	13.7 (27)	1,399	18.7 (29)	1,516	10.2 (26)	4,932	79.4 (42)	10,608	3.9 (35)
12BHS	2,914	79.6 (10)	2,254	37.0 (15)	2,035	14.9 (20)	1,549	24.3 (15)	1,826	12.3 (18)	6,143	85.3 (30)	12,718	3.5 (29)
13Calhoun	2,620	72.2 (26)	1,972	30.8 (35)	2,063	14.1 (26)	1,314	18.4 (30)	1,579	9.6 (29)	6,017	88.8 (19)	11,983	1.8 (7)
14Leelanau	360	83.6 (2)	270	44.8 (3)	253	20.2 (6)	171	30.4 (6)	214	14.0 (10)	855	84.3 (33)	1,734	5.0 (42)

(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 one Local Agency's rate to other Local Agencies. 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 7F
2017 - 2019 Pediatric Nutrition Surveillance [1]
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency [2]
Children Aged < 5 Years [3]
Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household [4,5]												
Local Agency	Breastfeeding [6]						Exclusive Breastfeeding [7]				≤ 2 Hours TV Viewing/Day [8]	Smoking in Household
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
15Intercar	6,818	75.0 (21)	4,679	37.0 (15)	5,317	15.3 (17)	3,108	24.8 (12)	3,789	13.6 (12)	15,734	92.8 (2)	31,215	1.4 (3)
17Chippewa	590	65.9 (38)	452	39.6 (8)	422	19.9 (7)	309	34.0 (4)	395	23.0 (1)	1,395	93.3 (1)	2,748	10.4 (48)
19Mid-Mich	2,011	82.1 (3)	1,685	38.9 (10)	1,335	19.6 (8)	1,128	27.1 (10)	1,414	12.4 (17)	4,474	85.1 (31)	9,258	3.0 (25)
21Delta	800	72.0 (27)	618	28.6 (39)	652	11.0 (38)	475	18.9 (28)	542	9.8 (28)	1,827	90.4 (10)	3,631	3.8 (34)
22Iron	542	74.7 (22)	401	41.9 (5)	419	21.2 (5)	302	35.1 (3)	343	20.1 (3)	1,354	89.7 (14)	2,621	2.7 (17)
25Genesee	7,800	56.0 (47)	6,118	24.5 (44)	4,708	9.6 (41)	4,264	10.7 (43)	4,870	7.0 (39)	14,826	82.1 (38)	31,808	2.9 (22)
30HDI	1,521	59.2 (43)	1,185	21.0 (48)	945	6.3 (47)	903	8.3 (45)	1,067	4.1 (46)	3,387	76.7 (45)	6,726	2.9 (22)
32Huron	411	77.4 (13)	369	38.2 (12)	302	13.6 (28)	243	11.9 (42)	315	4.8 (44)	988	86.8 (23)	2,008	4.4 (38)
33Ingham	4,854	76.7 (17)	3,495	41.2 (7)	2,935	18.3 (10)	2,384	19.8 (25)	2,809	11.8 (20)	9,317	89.9 (12)	19,613	1.9 (10)
35Keweenaw	136	77.9 (11)	110	33.6 (26)	84	*	67	*	94	*	310	86.1 (26)	615	3.6 (30)
37Ionia	965	81.8 (5)	809	35.7 (22)	855	15.3 (17)	512	24.6 (13)	691	13.3 (14)	2,223	86.8 (23)	4,451	2.7 (17)
38Jackson	2,790	71.3 (28)	2,658	35.6 (23)	2,172	11.1 (37)	1,490	19.9 (24)	2,144	12.1 (19)	6,325	79.8 (41)	12,570	4.0 (36)
39Kalamazo	3,381	70.7 (30)	2,350	31.5 (30)	1,955	14.4 (23)	1,661	20.4 (21)	1,992	8.7 (32)	6,609	78.7 (43)	14,140	2.2 (14)
40Kal Fam	527	68.3 (34)	561	27.5 (40)	463	14.3 (24)	388	16.8 (36)	489	7.4 (37)	1,492	75.3 (46)	2,978	3.4 (28)

(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 one Local Agency's rate to other Local Agencies. 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.

WIC PNSS & PedNSS
Table 7F
2017 - 2019 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years   (3)
Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
Local Agency	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤ 2 Hours TV Viewing/Day (8)		Smoking in Household
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
41Kent	9,848	74.6 (23)	8,911	31.1 (32)	7,038	15.3 (17)	6,024	16.2 (37)	7,464	9.4 (30)	21,800	86.2 (25)	44,621	1.8 (7)
43DHD#10	4,475	77.0 (16)	3,070	38.0 (13)	3,653	17.4 (12)	2,082	28.0 (9)	2,668	14.1 (9)	10,570	88.6 (20)	20,650	4.0 (36)
44Lapeer	997	77.8 (12)	835	36.5 (19)	836	16.1 (16)	600	20.0 (23)	739	8.7 (32)	2,327	91.7 (6)	4,698	0.6 (1)
45Tuscola	917	74.2 (24)	765	36.7 (18)	663	12.7 (32)	488	17.0 (35)	630	5.2 (43)	2,038	89.5 (16)	4,060	3.6 (30)
46CAA	1,254	70.5 (32)	982	33.8 (25)	852	14.8 (21)	747	26.0 (11)	850	14.0 (10)	2,541	84.0 (34)	5,451	3.3 (26)
47Livingst	1,001	77.2 (15)	919	34.1 (24)	751	16.5 (15)	649	22.3 (18)	800	12.8 (15)	2,270	92.7 (3)	4,685	1.5 (4)
50Macomb	7,614	59.7 (42)	5,579	24.2 (45)	5,115	9.6 (41)	4,334	12.8 (40)	4,809	6.7 (40)	13,640	80.9 (40)	30,474	1.9 (10)
51DCS	1,655	69.8 (33)	1,270	31.9 (29)	1,309	14.2 (25)	790	18.2 (31)	974	9.9 (27)	3,368	86.0 (27)	7,270	1.7 (6)
52Marquett	690	82.0 (4)	479	39.2 (9)	576	17.9 (11)	269	30.5 (5)	406	12.6 (16)	1,614	91.9 (5)	3,202	2.7 (17)
56MMCAA	998	77.4 (13)	877	38.7 (11)	634	21.3 (3)	724	29.6 (8)	748	17.2 (5)	2,022	92.7 (3)	4,249	2.1 (13)
58Monroe	1,758	62.7 (40)	1,378	26.3 (41)	1,293	11.4 (35)	1,026	15.5 (38)	1,202	7.1 (38)	3,597	89.6 (15)	7,594	3.6 (30)
61Muskegon	3,917	64.5 (39)	2,694	29.6 (38)	2,703	9.5 (43)	1,918	17.2 (32)	2,184	8.3 (34)	7,671	77.4 (44)	16,283	5.2 (43)
63Oakland	8,773	70.8 (29)	7,262	31.4 (31)	5,505	13.1 (29)	5,366	17.2 (32)	6,281	10.7 (24)	18,454	85.5 (29)	38,677	1.3 (2)
73Saginaw	2,464	60.6 (41)	1,876	25.6 (43)	1,463	7.9 (44)	1,391	12.3 (41)	1,553	7.9 (36)	4,220	85.0 (32)	9,604	2.6 (16)

(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 one Local Agency's rate to other Local Agencies. 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.

WIC PNSS & PedNSS
Table 7F
2017 - 2019 Pediatric Nutrition Surveillance   (1)
Michigan
Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Local Agency (2)
Children Aged < 5 Years   (3)
Combined 3 Years

Run Date: 5/6/2020

Page : 22

Local Agency	Breastfeeding (6)						Exclusive Breastfeeding (7)						≤ 2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)			Number	% (Rank)	Number	% (Rank)
74St Clair	2,057	67.3 (35)	1,718	31.1 (32)	1,520	12.2 (34)	1,092	19.0 (27)	1,471	11.3 (22)			4,292	82.5 (37)	8,807	4.6 (40)
76Sanilac	566	56.9 (45)	475	29.9 (37)	387	10.3 (40)	304	20.1 (22)	408	13.5 (13)			1,259	91.5 (7)	2,542	3.7 (33)
78Shiawass	1,030	75.2 (19)	885	36.2 (20)	849	17.0 (14)	584	15.2 (39)	721	8.0 (35)			2,381	91.0 (8)	4,845	2.8 (21)
81Washtena	2,908	80.0 (9)	2,378	41.4 (6)	2,075	21.3 (3)	1,705	23.6 (16)	1,980	14.2 (8)			6,220	88.3 (21)	12,877	1.5 (4)
82Wayne	14,642	59.2 (43)	11,811	25.8 (42)	9,139	10.4 (39)	8,796	9.9 (44)	10,361	6.1 (41)			28,575	81.1 (39)	61,386	1.9 (10)
89Urban L	9,116	56.4 (46)	7,733	21.1 (47)	5,536	6.5 (46)	6,080	7.8 (46)	6,707	4.2 (45)			18,021	64.6 (48)	39,471	5.3 (44)
90Detroit	18,910	51.1 (48)	11,023	22.9 (46)	9,403	6.9 (45)	8,348	7.6 (47)	9,449	4.1 (46)			31,218	69.3 (47)	68,789	4.8 (41)
Michigan	**149,314**	**66.4**	**114,274**	**30.4**	**98,724**	**12.7**	**81,226**	**16.2**	**96,538**	**9.0**			**303,734**	**82.5**	**636,710**	**3.1**

(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) Rank compares one Local Agency's rate to other Local Agencies. 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.