

WIC PNSS & PedNSS

Run Date: 5/29/2024

Table 3F

2021 Pregnancy Nutrition Surveillance (1)

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Michigan

Comparison of Racial and Ethnic Distribution by Local Agency

Comparison of Racial and Ethnic Distribution (2)								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
01DHD#2	339	91.7	0.6	2.9	0.3	0.0	4.1	0.3
02LMAS	134	70.9	0.0	2.2	9.7	0.0	17.2	0.0
04DHD#4	348	92.2	0.3	1.7	0.3	0.0	5.5	0.0
05NWMCHA	446	89.2	0.4	3.1	0.4	0.4	6.3	0.0
06CMDHD	1,045	87.8	1.5	4.6	0.8	0.4	4.9	0.1
07West UP	279	86.4	1.8	2.5	1.1	2.2	5.7	0.4
08Barry	403	89.6	2.0	6.7	0.2	0.2	1.0	0.2
09Bay	512	80.3	2.1	11.3	0.0	0.2	6.1	0.0
10Gr Trav	399	84.5	1.3	6.0	3.5	0.8	3.5	0.5
11Berrien	767	49.3	37.0	7.8	0.1	1.4	3.3	1.0
12BHS	912	79.5	0.9	14.4	0.0	0.2	4.2	0.9
13Calhoun	959	60.4	21.0	7.7	0.2	4.6	5.5	0.6
14Leelanau	115	79.1	0.0	10.4	1.7	0.0	8.7	0.0
15Interkar	2,204	61.0	4.4	26.4	0.2	2.0	4.8	1.2
17Chippewa	180	57.2	0.6	3.9	17.2	1.1	20.0	0.0
19Mid-Mich	641	87.4	0.8	8.6	0.0	0.0	2.7	0.6
21Delta	290	77.2	1.7	5.2	2.4	1.0	12.4	0.0
22Iron	188	92.6	0.0	2.7	0.0	0.0	3.2	1.6
25Genesee	2,457	48.4	38.4	6.1	0.0	0.4	6.4	0.2
30HDI	594	38.7	38.6	15.7	0.2	0.2	6.6	0.2
32Huron	124	95.2	0.0	4.8	0.0	0.0	0.0	0.0
33Ingham	1,770	42.9	28.6	15.2	0.2	4.8	8.2	0.1
35Keweenaw	30	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors

* 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.

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Comparison of Racial and Ethnic Distribution by Local Agency

Comparison of Racial and Ethnic Distribution (2)								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
37Ionia	292	87.0	0.3	8.9	0.0	0.0	3.8	0.0
38Jackson	960	71.7	15.2	6.5	0.1	0.9	5.6	0.0
39Kalamazo	1,234	46.1	35.6	9.6	0.2	0.7	7.1	0.7
41Kent	3,185	30.5	28.9	30.6	0.3	4.9	4.6	0.3
43DHD#10	1,517	80.3	1.2	12.8	0.3	0.3	4.8	0.3
44Lapeer	255	88.2	1.2	5.9	0.0	0.8	3.9	0.0
45Tuscola	251	93.6	0.0	4.4	0.0	0.0	2.0	0.0
46CAA	389	69.9	3.6	19.8	0.0	0.3	5.7	0.8
47Livingst	340	89.1	1.5	4.1	0.0	0.9	3.2	1.2
50Macomb	2,665	47.1	37.4	2.9	0.2	8.5	3.6	0.3
51DCS	521	65.6	15.5	12.7	0.2	1.9	4.0	0.0
52Marquett	226	87.2	2.2	3.1	2.2	0.0	4.9	0.4
56MMCAA	330	86.4	2.1	6.4	0.0	2.4	2.4	0.3
58Monroe	624	81.3	6.9	6.4	0.0	0.2	5.0	0.3
61Muskegon	1,145	59.2	22.9	10.0	0.3	0.3	6.9	0.4
63Oakland	3,025	45.6	35.4	12.5	0.1	2.5	3.7	0.2
73Saginaw	729	46.1	33.3	15.1	0.0	0.1	5.1	0.3
74St Clair	590	81.4	5.1	7.5	0.0	0.5	5.4	0.2
76Sanilac	173	94.8	0.0	2.3	0.0	0.6	1.2	1.2
78Shiawass	334	87.4	0.6	5.7	0.0	0.3	5.7	0.3
81Washtena	1,089	36.8	40.8	9.9	0.1	2.9	9.0	0.5
82Wayne	4,604	58.6	26.5	6.0	0.2	5.7	2.9	0.2
89Urban L	3,804	18.2	72.4	5.8	0.1	1.0	2.2	0.3

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors

* National includes previous year's data for all participating States and ITOs.

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Comparison of Racial and Ethnic Distribution by Local Agency

Comparison of Racial and Ethnic Distribution (2)								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
90Detroit	4,871	9.3	71.0	16.4	0.1	1.3	1.7	0.2
Michigan	48,337	51.3	30.0	11.3	0.3	2.4	4.5	0.3
National (Prior Year)	99,423	47.9	24.1	19.8	1.6	2.8	3.6	0.2

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Comparison of Age Distribution by Local Agency

Comparison of Age Distribution (2)								
Local Agency	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
01DHD#2	339	0.0	2.4	8.6	63.1	25.1	0.9	0.0
02LMAS	134	0.0	1.5	9.7	59.0	27.6	2.2	0.0
04DHD#4	348	0.3	2.0	7.5	58.6	30.2	1.4	0.0
05NWMCHA	446	0.0	1.8	8.3	60.8	26.9	2.0	0.2
06CMDHD	1,045	0.1	2.6	8.6	62.2	24.4	1.7	0.4
07West UP	279	0.0	1.1	7.2	54.5	35.8	1.4	0.0
08Barry	403	0.0	2.5	6.0	61.0	28.5	1.0	1.0
09Bay	512	0.0	2.0	5.9	62.3	28.7	1.2	0.0
10Gr Trav	399	0.0	0.8	6.3	61.7	29.8	1.5	0.0
11Berrien	767	0.3	3.0	8.7	61.4	24.3	1.4	0.9
12BHS	912	0.3	2.7	6.8	63.7	23.0	3.1	0.3
13Calhoun	959	0.0	2.1	7.8	64.3	23.7	1.4	0.7
14Leelanau	115	0.0	2.6	5.2	52.2	38.3	0.9	0.9
15InterCar	2,204	0.1	1.9	6.5	61.1	28.0	2.1	0.4
17Chippewa	180	0.0	2.2	6.7	61.1	28.9	1.1	0.0
19Mid-Mich	641	0.0	2.5	7.0	60.4	28.4	1.6	0.2
21Delta	290	0.3	0.7	7.6	63.8	26.6	1.0	0.0
22Iron	188	0.0	2.1	5.9	62.2	28.7	1.1	0.0
25Genesee	2,457	0.2	2.0	7.1	63.2	25.5	1.8	0.2
30HDI	594	0.0	1.9	9.3	63.5	23.7	1.2	0.5
32Huron	124	0.0	0.8	1.6	61.3	35.5	0.8	0.0
33Ingham	1,770	0.1	2.3	6.4	61.5	27.3	2.2	0.3
35Keweenaw	30	*	*	*	*	*	*	*
37Ionia	292	0.3	1.7	6.2	65.8	23.6	1.7	0.7

(1) Reporting period is January 1 through December 31

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Comparison of Age Distribution by Local Agency

Comparison of Age Distribution (2)								
Local Agency	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
38Jackson	960	0.1	2.9	7.4	62.5	24.8	1.6	0.7
39Kalamazo	1,234	0.1	2.9	7.4	59.4	28.0	1.7	0.5
41Kent	3,185	0.1	2.4	6.2	58.8	29.1	2.7	0.7
43DHD#10	1,517	0.1	2.0	7.1	63.4	25.0	1.9	0.5
44Lapeer	255	0.0	2.4	4.7	62.0	27.8	2.7	0.4
45Tuscola	251	0.0	2.4	6.4	63.3	25.9	1.6	0.4
46CAA	389	0.0	0.5	7.2	65.3	25.7	0.8	0.5
47Livingst	340	0.0	1.5	6.2	55.9	33.5	2.4	0.6
50Macomb	2,665	0.0	0.9	4.4	57.0	35.0	2.6	0.0
51DCS	521	0.2	0.6	2.9	59.3	35.5	1.5	0.0
52Marquett	226	0.0	3.1	3.1	65.5	26.5	1.8	0.0
56MMCAA	330	0.0	1.2	7.9	63.9	25.5	1.5	0.0
58Monroe	624	0.0	1.6	6.1	64.4	26.3	1.4	0.2
61Muskegon	1,145	0.1	2.6	10.3	60.4	24.8	1.0	0.7
63Oakland	3,025	0.0	1.4	4.9	57.1	33.9	2.5	0.2
73Saginaw	729	0.0	2.9	7.3	63.6	24.6	1.1	0.5
74St Clair	590	0.0	1.7	7.8	63.4	23.9	2.2	1.0
76Sanilac	173	0.0	3.5	6.4	61.3	28.9	0.0	0.0
78Shiawass	334	0.0	3.3	6.6	65.3	24.3	0.6	0.0
81Washtena	1,089	0.1	1.3	5.9	56.4	33.2	2.7	0.5
82Wayne	4,604	0.0	1.1	4.5	56.5	34.4	3.2	0.2
89Urban L	3,804	0.1	1.8	5.5	57.5	31.9	2.8	0.4
90Detroit	4,871	0.1	2.8	6.7	56.5	31.1	2.5	0.4

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors

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Michigan

Comparison of Age Distribution by Local Agency

Michigan	48,337	0.1	2.0	6.3	59.7	29.4	2.2	0.4
National (Prior Year)	99,433	0.1	2.4	7.1	59.5	28.4	2.3	0.2

(1) Reporting period is January 1 through December 31

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* National includes previous year's data for all participating States and ITOs.

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Michigan

Comparison of Maternal Health Indicators by Local Agency

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI			Weight Gain			Anemia (Low Hb/Hct)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	(4)		(5)	(6)										
	Under- weight	Over- weight		< Ideal	> Ideal	3rd Trimester		Postpartum						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
01DHD#2	258	2.7 (4)	66.3 (41)	144	13.9 (5)	55.6 (29)	0	*	8	*	308	7.1 (7)	309	14.9 (29)
02LMAS	121	7.4 (44)	58.7 (8)	81	*	*	0	*	0	*	122	9.0 (19)	122	14.8 (27)
04DHD#4	303	5.0 (36)	62.7 (28)	137	12.4 (2)	55.5 (28)	0	*	2	*	323	13.0 (45)	323	16.4 (37)
05NWMCHA	276	3.3 (13)	55.8 (2)	92	*	*	34	*	65	*	415	9.9 (32)	415	14.5 (26)
06CMDHD	853	4.7 (33)	62.5 (27)	524	15.5 (12)	55.0 (25)	6	*	18	*	981	9.1 (22)	987	14.3 (25)
07West UP	245	2.0 (2)	58.0 (6)	181	18.2 (26)	45.9 (1)	5	*	2	*	247	9.3 (24)	248	14.9 (29)
08Barry	248	6.5 (43)	60.1 (13)	107	15.0 (9)	52.3 (18)	4	*	4	*	375	9.3 (24)	378	15.9 (36)
09Bay	407	3.4 (15)	61.2 (16)	260	18.1 (25)	58.8 (37)	0	*	2	*	480	10.0 (34)	480	13.1 (21)
10Gr Trav	322	5.9 (41)	55.6 (1)	243	19.8 (30)	52.3 (18)	3	*	1	*	367	9.5 (29)	368	9.5 (5)
11Berrien	651	4.9 (35)	61.1 (15)	464	16.8 (19)	56.3 (32)	32	*	29	*	690	9.3 (24)	692	18.8 (44)
12BHS	563	5.5 (40)	60.7 (14)	225	22.7 (37)	49.3 (6)	6	*	22	*	810	11.0 (42)	813	11.2 (10)
13Calhoun	775	3.0 (8)	64.0 (34)	546	16.5 (17)	53.3 (21)	0	*	3	*	905	6.5 (5)	905	9.6 (6)
14Leelanau	84	*	*	39	*	*	2	*	7	*	102	6.9 (6)	102	6.9 (2)
15Intercar	1,277	3.9 (25)	61.6 (18)	545	21.7 (36)	49.0 (5)	116	39.7 (2)	298	28.2 (2)	2,014	10.6 (39)	2,015	12.6 (17)
17Chippewa	154	3.2 (10)	59.7 (11)	106	13.2 (3)	56.6 (34)	0	*	1	*	165	12.7 (44)	165	7.9 (3)
19Mid-Mich	564	4.3 (28)	68.1 (42)	399	18.0 (24)	50.4 (9)	4	*	3	*	601	13.1 (46)	601	16.8 (40)
21Delta	279	3.6 (20)	59.1 (9)	206	20.9 (34)	46.1 (2)	16	*	35	*	261	8.4 (14)	261	13.4 (22)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* National includes previous year's data for all participating States and ITOs.

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Michigan

Comparison of Maternal Health Indicators by Local Agency

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI			Weight Gain			Anemia (Low Hb/Hct)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	(4)		(5)	(6)										
	Under-weight	Over-weight		< Ideal	> Ideal		3rd Trimester	Postpartum						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
22Iron	109	6.4 (42)	62.4 (24)	45	*	*	0	*	1	*	174	5.7 (2)	174	15.5 (34)
25Genesee	1,669	5.1 (37)	59.9 (12)	821	20.0 (31)	51.8 (15)	36	*	48	*	2,268	9.1 (22)	2,273	17.2 (41)
30HDI	372	3.2 (10)	69.9 (44)	89	*	*	0	*	0	*	562	8.7 (16)	562	14.8 (27)
32Huron	113	5.3 (39)	65.5 (38)	89	*	*	4	*	14	*	120	10.0 (34)	120	16.7 (38)
33Ingham	1,478	3.5 (18)	62.4 (24)	1,091	19.2 (29)	55.4 (27)	10	*	2	*	1,691	8.8 (17)	1,691	12.3 (15)
35Keweenaw	24	*	*	12	*	*	0	*	0	*	29	*	29	*
37Ionia	197	3.6 (20)	68.5 (43)	149	20.1 (32)	51.7 (14)	17	*	20	*	269	9.7 (31)	272	22.1 (46)
38Jackson	630	3.3 (13)	57.0 (4)	421	15.4 (10)	51.8 (15)	15	*	36	*	901	8.2 (12)	902	12.4 (16)
39Kalamazo	916	3.2 (10)	65.9 (39)	443	14.2 (6)	58.0 (36)	0	*	6	*	1,126	9.0 (19)	1,128	12.9 (19)
41Kent	1,722	3.0 (8)	62.3 (23)	687	23.9 (39)	46.9 (3)	213	37.6 (1)	630	23.8 (1)	2,957	8.6 (15)	2,962	17.2 (41)
43DHD#10	1,186	4.4 (30)	62.4 (24)	726	21.3 (35)	50.3 (8)	12	*	15	*	1,412	10.8 (41)	1,413	15.8 (35)
44Lapeer	248	4.4 (30)	56.5 (3)	208	16.3 (16)	47.6 (4)	0	*	0	*	234	5.6 (1)	235	10.2 (7)
45Tuscola	188	3.7 (23)	66.0 (40)	133	15.8 (15)	49.6 (7)	6	*	5	*	245	11.0 (42)	245	13.5 (23)
46CAA	326	2.1 (3)	61.7 (19)	234	15.4 (10)	50.4 (9)	0	*	0	*	345	9.9 (32)	346	14.2 (24)
47Livingst	310	4.8 (34)	57.7 (5)	200	20.5 (33)	54.0 (23)	1	*	0	*	308	8.1 (9)	309	20.1 (45)
50Macomb	2,353	2.9 (7)	63.5 (32)	1,792	18.2 (26)	52.7 (20)	0	*	0	*	2,502	10.3 (36)	2,503	11.1 (9)
51DCS	374	4.3 (28)	58.6 (7)	286	13.6 (4)	56.3 (32)	13	*	2	*	482	10.4 (37)	482	12.2 (14)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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Comparison of Maternal Health Indicators by Local Agency

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI			Weight Gain			Anemia (Low Hb/Hct)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	(4)			(5)			(6)							
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
52Marquett	191	1.6 (1)	62.8 (29)	129	15.5 (12)	66.7 (39)	2	*	1	*	209	8.1 (9)	211	10.9 (8)
56MMCAA	222	2.7 (4)	64.0 (34)	102	9.8 (1)	60.8 (38)	5	*	4	*	315	9.5 (29)	314	12.1 (12)
58Monroe	582	4.1 (26)	65.3 (37)	461	15.6 (14)	55.7 (31)	0	*	0	*	579	8.8 (17)	579	17.8 (43)
61Muskegon	1,042	3.4 (15)	61.9 (21)	833	18.4 (28)	52.1 (17)	0	*	4	*	1,066	10.4 (37)	1,073	16.7 (38)
63Oakland	2,353	4.4 (30)	61.2 (16)	1,362	17.1 (22)	51.6 (12)	3	*	0	*	2,766	7.4 (8)	2,766	12.1 (12)
73Saginaw	540	2.8 (6)	62.0 (22)	335	14.6 (8)	53.7 (22)	0	*	0	*	693	9.4 (28)	692	11.6 (11)
74St Clair	555	4.1 (26)	63.1 (30)	437	14.4 (7)	55.6 (29)	4	*	13	*	533	8.1 (9)	534	15.4 (33)
76Sanilac	44	*	*	13	*	*	1	*	2	*	159	6.3 (4)	159	12.6 (17)
78Shiawass	292	5.1 (37)	63.4 (31)	238	23.1 (38)	51.3 (11)	1	*	1	*	308	5.8 (3)	308	6.5 (1)
81Washtena	866	3.5 (18)	61.8 (20)	546	17.2 (23)	51.6 (12)	34	*	52	*	989	10.6 (39)	989	15.1 (32)
82Wayne	2,945	3.8 (24)	59.1 (9)	1,830	16.8 (19)	54.2 (24)	0	*	5	*	4,231	9.0 (19)	4,231	8.6 (4)
89Urban L	2,863	3.6 (20)	64.0 (34)	1,682	16.8 (19)	55.0 (25)	0	*	0	*	3,572	9.3 (24)	3,577	14.9 (29)
90Detroit	3,503	3.4 (15)	63.6 (33)	2,091	16.6 (18)	56.6 (34)	1	*	3	*	4,606	8.3 (13)	4,608	12.9 (19)
Michigan	35,616	3.8	62.1	21,801	17.6	53.3	608	32.1	1,368	23.8	44,841	9.1	44,895	13.5
National (Prior Year)	76,624	4.0	60.8	54,177	21.0	48.0	13,936	20.1	4,844	20.1	52,072	11.4	51,357	13.8

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* 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.

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Comparison of Maternal Behavioral Indicators by Local Agency

Comparison of Maternal Behavioral Indicators (2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Prepregnancy (4)		During Pregnancy (5)	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
01DHD#2	288	90.6 (25)	2.8 (30)	331	35.3 (10)	318	24.2 (31)	239	93.3 (20)
02LMAS	115	92.2 (17)	1.7 (16)	131	44.3 (1)	125	32.0 (12)	110	97.3 (1)
04DHD#4	301	89.7 (28)	2.7 (28)	338	32.8 (15)	335	28.7 (17)	269	96.7 (3)
05NWMCHA	405	94.6 (7)	1.0 (7)	434	27.9 (28)	427	35.1 (10)	315	92.4 (25)
06CMDHD	902	88.4 (35)	4.3 (39)	1,028	38.6 (3)	991	27.6 (21)	804	89.7 (40)
07West UP	235	88.1 (36)	3.4 (33)	274	29.9 (23)	266	38.3 (8)	194	96.9 (2)
08Barry	364	91.2 (23)	1.6 (14)	398	24.6 (35)	379	35.6 (9)	267	95.1 (11)
09Bay	432	86.3 (43)	3.9 (35)	506	37.2 (7)	493	25.2 (27)	385	94.3 (16)
10Gr Trav	331	89.7 (28)	4.8 (43)	387	31.5 (20)	386	28.8 (16)	279	91.4 (31)
11Berrien	637	82.1 (45)	3.0 (32)	748	26.1 (31)	701	21.1 (36)	531	91.9 (29)
12BHS	718	82.7 (44)	7.1 (45)	887	32.2 (17)	829	32.1 (11)	660	91.2 (33)
13Calhoun	867	97.0 (1)	0.7 (3)	932	29.9 (23)	888	28.0 (20)	681	93.0 (22)
14Leelanau	90	*	*	108	38.0 (5)	106	38.7 (6)	84	*
15InterCar	1,865	93.4 (14)	1.8 (19)	2,157	32.2 (17)	1,996	22.6 (33)	1,529	87.8 (42)
17Chippewa	157	96.8 (4)	1.3 (12)	175	37.7 (6)	171	43.9 (3)	142	93.7 (19)
19Mid-Mich	567	93.5 (12)	1.2 (9)	623	31.3 (22)	504	31.3 (13)	463	95.9 (6)
21Delta	256	95.3 (5)	0.8 (5)	284	28.2 (26)	266	26.3 (23)	214	95.3 (9)
22Iron	164	93.9 (9)	4.3 (39)	186	37.1 (8)	178	39.9 (5)	145	93.8 (18)
25Genesee	2,159	89.9 (26)	1.2 (9)	2,416	23.6 (40)	1,945	16.9 (41)	1,747	93.1 (21)
30HDI	529	88.5 (33)	2.8 (30)	581	35.1 (12)	565	18.1 (40)	464	89.9 (38)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* 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.

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Comparison of Maternal Behavioral Indicators by Local Agency

Comparison of Maternal Behavioral Indicators (2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Prepregnancy (4)		During Pregnancy (5)	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
32Huron	110	89.1 (31)	1.8 (19)	122	23.0 (42)	118	44.1 (2)	81	*
33Ingham	1,523	92.0 (20)	1.8 (19)	1,744	27.0 (29)	1,590	10.3 (45)	1,242	90.3 (36)
35Keweenaw	28	*	*	29	*	28	*	23	*
37Ionia	265	93.6 (10)	1.9 (23)	284	24.6 (35)	275	20.0 (38)	191	96.3 (4)
38Jackson	815	90.9 (24)	3.6 (34)	944	38.5 (4)	918	24.4 (30)	719	90.5 (35)
39Kalamazo	1,054	91.8 (22)	1.8 (19)	1,199	32.1 (19)	1,149	19.6 (39)	879	90.2 (37)
41Kent	2,768	88.1 (36)	2.1 (25)	3,122	21.0 (44)	2,597	20.8 (37)	2,205	92.7 (23)
43DHD#10	1,249	88.5 (33)	4.1 (37)	1,483	35.2 (11)	1,410	26.0 (25)	1,129	88.6 (41)
44Lapeer	214	92.1 (19)	4.2 (38)	251	32.7 (16)	241	30.3 (14)	178	94.9 (15)
45Tuscola	225	88.0 (38)	4.0 (36)	248	28.2 (26)	238	29.0 (15)	171	92.4 (25)
46CAA	338	93.2 (15)	0.0 (1)	379	24.8 (33)	371	23.7 (32)	273	92.7 (23)
47Livingst	287	87.5 (39)	4.9 (44)	332	28.9 (25)	318	38.4 (7)	236	95.3 (9)
50Macomb	2,417	94.4 (8)	1.0 (7)	2,593	24.8 (33)	2,105	11.0 (44)	1,833	95.0 (13)
51DCS	453	92.5 (16)	2.0 (24)	516	26.6 (30)	250	40.4 (4)	372	95.7 (8)
52Marquett	194	88.7 (32)	4.6 (41)	221	35.7 (9)	174	22.4 (34)	185	95.1 (11)
56MMCAA	296	91.9 (21)	2.7 (28)	323	24.1 (38)	313	24.6 (28)	218	96.3 (4)
58Monroe	565	92.2 (17)	1.2 (9)	613	24.5 (37)	594	28.6 (19)	422	94.1 (17)
61Muskegon	993	89.2 (30)	2.3 (26)	1,112	33.4 (14)	928	26.1 (24)	831	91.7 (30)
63Oakland	2,663	93.6 (10)	1.6 (14)	2,956	24.9 (32)	2,462	21.6 (35)	2,102	92.2 (27)
73Saginaw	655	89.8 (27)	1.7 (16)	720	31.4 (21)	689	28.7 (17)	549	92.0 (28)
74St Clair	443	86.5 (41)	4.7 (42)	582	44.2 (2)	561	26.6 (22)	474	87.1 (44)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* 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.

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Michigan

Comparison of Maternal Behavioral Indicators by Local Agency

Comparison of Maternal Behavioral Indicators (2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Pregnancy (4)		During Pregnancy (5)	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
76Sanilac	159	96.9 (3)	0.6 (2)	168	23.8 (39)	160	48.1 (1)	121	95.9 (6)
78Shiawass	299	97.0 (1)	0.7 (3)	329	21.9 (43)	84	*	212	87.3 (43)
81Washtena	937	93.5 (12)	2.3 (26)	1,056	33.6 (13)	1,033	15.3 (43)	800	95.0 (13)
82Wayne	4,131	94.7 (6)	0.8 (5)	4,505	23.2 (41)	3,269	25.4 (26)	3,223	90.9 (34)
89Urban L	3,432	86.6 (40)	1.5 (13)	3,707	20.4 (46)	3,023	24.6 (28)	2,491	89.9 (38)
90Detroit	4,422	86.4 (42)	1.7 (16)	4,776	20.7 (45)	3,769	16.6 (42)	3,179	91.3 (32)
Michigan	42,342	90.6	2.0	47,286	27.0	40,570	22.9	33,883	91.8
National (Prior Year)	77,410	69.2	7.1	83,553	19.4	60,693	22.5	61,433	89.2

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* 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.

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Comparison of Smoking Indicators by Local Agency

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (rank)	Number	% (rank)		Number	% (rank)	Number	% (rank)	
01DHD#2	244	33.2 (33)	308	22.7 (42)	72	*	239	13.0 (42)	310	4.2 (42)
02LMAS	113	41.6 (43)	121	24.8 (45)	38	*	109	10.1 (35)	120	4.2 (42)
04DHD#4	277	37.9 (40)	321	20.9 (40)	92	*	269	9.7 (33)	323	1.9 (21)
05NWMCHA	333	30.0 (28)	415	18.3 (35)	83	*	315	10.2 (36)	414	3.4 (39)
06CMDHD	832	30.3 (29)	984	19.9 (38)	222	24.8 (24)	803	11.2 (38)	984	3.3 (36)
07West UP	201	32.8 (32)	250	22.0 (41)	56	*	194	11.3 (40)	250	3.2 (35)
08Barry	290	39.3 (41)	378	15.9 (28)	94	*	267	5.2 (14)	380	2.6 (29)
09Bay	401	34.2 (35)	479	18.2 (33)	124	35.5 (20)	385	8.3 (27)	484	2.7 (31)
10Gr Trav	307	35.8 (38)	362	11.9 (20)	96	*	279	4.3 (12)	368	1.9 (21)
11Berrien	552	25.0 (15)	689	11.3 (18)	118	47.5 (9)	531	9.8 (34)	691	3.3 (36)
12BHS	684	26.3 (19)	812	15.5 (26)	149	30.9 (21)	658	8.5 (29)	812	2.2 (26)
13Calhoun	707	24.8 (14)	878	9.1 (12)	159	35.8 (19)	678	2.7 (3)	901	0.8 (2)
14Leelanau	86	*	101	15.8 (27)	27	*	84	*	102	3.9 (40)
15InterCar	1,612	20.2 (11)	1,997	8.3 (11)	297	37.0 (17)	1,526	3.3 (8)	2,015	1.4 (16)
17Chippewa	145	27.6 (22)	164	19.5 (37)	36	*	141	7.8 (23)	165	3.0 (34)
19Mid-Mich	473	35.7 (37)	592	18.2 (33)	160	36.3 (18)	463	8.9 (32)	602	1.7 (20)
21Delta	230	35.2 (36)	261	23.0 (43)	68	*	214	11.2 (38)	261	1.5 (17)
22Iron	148	37.2 (39)	173	20.8 (39)	52	*	145	6.2 (17)	173	1.2 (13)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* 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.

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Michigan

Comparison of Smoking Indicators by Local Agency

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (rank)	Number	% (rank)		Number	% (rank)	Number	% (rank)	
25Genesee	1,832	21.8 (13)	2,247	11.5 (19)	342	40.9 (12)	1,745	8.4 (28)	2,265	2.3 (27)
30HDI	475	30.3 (29)	560	10.0 (13)	142	50.0 (7)	464	13.4 (43)	562	4.3 (44)
32Huron	89	*	120	24.2 (44)	34	*	81	*	120	3.3 (36)
33Ingham	1,318	15.6 (9)	1,689	7.4 (9)	187	48.7 (8)	1,240	2.9 (5)	1,690	2.1 (24)
35Keweenaw	23	*	29	*	14	*	23	*	29	*
37Ionia	209	33.5 (34)	270	18.1 (31)	60	*	191	6.8 (19)	272	0.7 (1)
38Jackson	751	29.4 (26)	903	18.3 (35)	204	30.4 (22)	719	6.0 (16)	902	2.1 (24)
39Kalamazo	917	21.6 (12)	1,124	10.9 (15)	176	39.8 (14)	878	4.4 (13)	1,127	1.2 (13)
41Kent	2,328	11.1 (3)	2,956	6.1 (7)	229	45.9 (10)	2,153	3.0 (6)	2,944	1.1 (11)
43DHD#10	1,166	28.4 (24)	1,403	18.1 (31)	297	27.6 (23)	1,130	8.8 (30)	1,412	2.4 (28)
44Lapeer	192	28.1 (23)	235	17.0 (30)	46	*	178	7.9 (24)	234	0.9 (3)
45Tuscola	181	32.6 (31)	245	16.3 (29)	58	*	171	14.0 (44)	245	2.9 (33)
46CAA	293	26.3 (19)	348	12.9 (22)	62	*	273	7.0 (20)	348	5.2 (46)
47Livingst	250	26.0 (17)	307	11.1 (17)	57	*	236	3.8 (10)	307	1.0 (8)
50Macomb	1,943	11.5 (5)	2,503	5.0 (6)	187	44.9 (11)	1,832	3.9 (11)	2,499	0.9 (3)
51DCS	390	13.8 (8)	481	4.6 (5)	50	*	370	2.2 (1)	482	1.5 (17)
52Marquett	187	51.9 (44)	203	26.1 (46)	92	*	182	8.2 (25)	214	0.9 (3)
56MMCAA	233	26.2 (18)	312	12.8 (21)	53	*	218	2.8 (4)	313	1.0 (8)
58Monroe	455	25.7 (16)	582	13.2 (23)	103	38.8 (15)	422	8.8 (30)	579	4.1 (41)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* 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.

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Michigan

Comparison of Smoking Indicators by Local Agency

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
61Muskegon	870	29.2 (25)	1,067	14.8 (25)	225	38.7 (16)	833	6.5 (18)	1,070	1.0 (8)
63Oakland	2,258	9.6 (1)	2,761	3.9 (2)	187	40.6 (13)	2,101	2.5 (2)	2,759	0.9 (3)
73Saginaw	561	29.6 (27)	663	8.1 (10)	159	53.5 (5)	548	10.9 (37)	694	2.6 (29)
74St Clair	490	41.0 (42)	528	14.4 (24)	171	51.5 (6)	474	12.4 (41)	534	4.3 (44)
76Sanilac	127	13.4 (7)	159	10.7 (14)	15	*	121	5.8 (15)	159	1.3 (15)
78Shiawass	223	26.5 (21)	310	11.0 (16)	51	*	207	7.7 (22)	305	1.6 (19)
81Washtena	851	17.0 (10)	987	6.5 (8)	119	58.8 (3)	800	3.1 (7)	985	0.9 (3)
82Wayne	3,440	11.1 (3)	4,233	4.4 (4)	306	55.2 (4)	3,224	3.6 (9)	4,234	1.1 (11)
89Urban L	2,634	13.0 (6)	3,586	3.9 (2)	304	61.8 (1)	2,482	8.2 (25)	3,583	2.8 (32)
90Detroit	3,364	10.7 (2)	4,621	3.5 (1)	315	61.6 (2)	3,174	7.0 (20)	4,613	2.0 (23)
Michigan	35,714	19.7	44,742	9.2	6,188	42.4	33,791	6.1	44,858	1.9
National (Prior Year)	83,471	24.3	86,947	11.2	14,888	35.8	70,642	7.8	84,906	3.2

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* 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.

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Michigan

Comparison of Infant Health Indicators by Local Agency

Comparison of Infant Health Indicators (2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (4)		High (5)	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
01DHD#2	277	9.7 (21)	7.6 (27)	292	11.0 (17)	246	6.1 (41)	276	71.0 (30)
02LMAS	108	12.0 (37)	8.3 (31)	117	13.7 (37)	95	*	108	81.5 (9)
04DHD#4	307	11.4 (33)	7.2 (22)	312	12.2 (24)	262	6.1 (41)	306	75.5 (20)
05NWMCHA	359	9.5 (19)	8.6 (33)	397	11.3 (19)	316	4.1 (18)	385	82.9 (6)
06CMDHD	908	10.1 (24)	7.8 (28)	953	11.5 (21)	798	5.5 (36)	908	73.1 (28)
07West UP	233	6.4 (7)	8.6 (33)	247	7.3 (3)	215	3.3 (11)	234	83.8 (5)
08Barry	348	10.9 (31)	8.0 (30)	370	13.0 (30)	302	4.0 (15)	352	86.4 (2)
09Bay	445	9.7 (21)	8.5 (32)	473	10.1 (9)	402	4.0 (15)	446	68.6 (35)
10Gr Trav	338	8.9 (14)	13.6 (45)	354	10.7 (13)	300	4.0 (15)	340	89.1 (1)
11Berrien	646	10.4 (25)	6.0 (12)	671	10.9 (14)	567	5.1 (30)	648	68.8 (33)
12BHS	761	7.9 (12)	9.3 (38)	793	11.9 (22)	665	4.2 (20)	762	79.1 (11)
13Calhoun	843	9.3 (16)	6.6 (18)	874	9.8 (7)	753	5.0 (27)	846	74.9 (22)
14Leelanau	93	*	*	96	*	85	*	93	*
15Intercar	1,784	9.3 (16)	8.8 (35)	1,964	13.3 (33)	1,542	2.9 (8)	1,893	77.6 (15)
17Chippewa	147	5.4 (2)	10.2 (42)	159	6.3 (2)	136	2.2 (3)	146	78.1 (13)
19Mid-Mich	563	13.7 (42)	7.3 (24)	582	15.3 (43)	469	3.0 (9)	567	82.4 (7)
21Delta	244	6.1 (5)	9.8 (40)	257	8.9 (5)	220	3.2 (10)	244	70.1 (31)
22Iron	166	5.4 (2)	6.6 (18)	171	10.5 (12)	150	2.7 (6)	166	76.5 (19)
25Genesee	2,144	11.8 (36)	4.8 (3)	2,242	13.9 (38)	1,841	5.4 (33)	2,147	59.6 (41)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* 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.

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Michigan

Comparison of Infant Health Indicators by Local Agency

Comparison of Infant Health Indicators (2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (4)		High (5)	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
30HDI	517	15.5 (45)	5.6 (8)	533	17.3 (45)	426	5.4 (33)	516	58.3 (44)
32Huron	111	2.7 (1)	9.9 (41)	118	5.9 (1)	105	0.0 (1)	110	77.3 (17)
33Ingham	1,560	10.6 (27)	5.6 (8)	1,642	13.3 (33)	1,354	4.3 (21)	1,572	78.1 (13)
35Keweenaw	25	*	*	26	*	21	*	26	*
37Ionia	255	7.1 (8)	10.6 (43)	266	10.9 (14)	223	2.2 (3)	256	84.4 (3)
38Jackson	839	10.6 (27)	7.0 (20)	873	11.9 (22)	740	4.7 (25)	841	71.6 (29)
39Kalamazo	1,014	11.3 (32)	7.0 (20)	1,086	12.8 (26)	875	5.0 (27)	1,020	74.5 (24)
41Kent	2,747	12.5 (39)	5.9 (11)	2,901	14.9 (41)	2,332	5.4 (33)	2,777	73.9 (27)
43DHD#10	1,289	10.7 (29)	8.8 (35)	1,354	12.8 (26)	1,109	4.4 (23)	1,292	79.5 (10)
44Lapeer	224	6.3 (6)	4.9 (4)	228	9.6 (6)	199	4.5 (24)	224	78.6 (12)
45Tuscola	223	5.4 (2)	9.0 (37)	238	14.3 (40)	193	1.6 (2)	223	77.6 (15)
46CAA	327	9.5 (19)	6.1 (13)	346	11.0 (17)	290	4.1 (18)	327	74.0 (26)
47Livingst	291	11.7 (35)	7.2 (22)	302	12.3 (25)	255	5.5 (36)	290	84.1 (4)
50Macomb	2,355	11.5 (34)	5.4 (7)	2,422	14.2 (39)	2,002	5.0 (27)	2,362	64.2 (39)
51DCS	467	8.8 (13)	5.1 (6)	472	13.1 (32)	404	2.7 (6)	469	74.4 (25)
52Marquett	204	7.8 (11)	11.3 (44)	207	8.2 (4)	184	3.8 (13)	205	75.1 (21)
56MMCAA	298	7.7 (10)	9.4 (39)	307	10.4 (10)	268	2.2 (3)	298	77.2 (18)
58Monroe	546	9.9 (23)	7.9 (29)	566	10.4 (10)	488	4.7 (25)	547	69.3 (32)
61Muskegon	1,000	10.7 (29)	7.3 (24)	1,031	12.8 (26)	862	4.3 (21)	1,004	61.7 (40)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* 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.

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Michigan

Comparison of Infant Health Indicators by Local Agency

Comparison of Infant Health Indicators (2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (4)		High (5)	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
63Oakland	2,552	12.2 (38)	6.2 (14)	2,689	13.0 (30)	2,200	5.2 (31)	2,583	74.8 (23)
73Saginaw	660	13.3 (41)	6.2 (14)	678	13.4 (35)	570	5.6 (38)	656	68.8 (33)
74St Clair	491	9.4 (18)	7.5 (26)	511	12.9 (29)	426	3.8 (13)	492	65.2 (38)
76Sanilac	144	9.0 (15)	4.9 (4)	156	10.9 (14)	124	5.6 (38)	149	58.4 (43)
78Shiawass	293	7.5 (9)	6.5 (17)	306	9.8 (7)	263	3.4 (12)	294	67.3 (36)
81Washtena	904	12.7 (40)	6.4 (16)	955	13.4 (35)	780	6.0 (40)	912	81.9 (8)
82Wayne	3,899	10.4 (25)	5.7 (10)	4,124	11.3 (19)	3,437	5.3 (32)	3,974	65.3 (37)
89Urban L	3,296	15.4 (44)	3.7 (1)	3,441	17.2 (44)	2,689	7.5 (43)	3,319	59.0 (42)
90Detroit	4,310	14.8 (43)	4.6 (2)	4,520	14.9 (41)	3,647	7.5 (43)	4,352	52.4 (45)
Michigan	41,563	11.5	6.3	43,647	13.2	35,837	5.2	41,966	69.0
National (Prior Year)	80,061	10.1	6.0	77,312	11.9	65,997	4.4	80,887	57.7

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* 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.

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Table 3F

2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Racial and Ethnic Distribution by Local Agency Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
01DHD#2	1,072	91.0	0.7	3.2	0.3	0.1	4.7	0.2
02LMAS	440	74.3	0.2	1.4	4.8	0.0	19.3	0.0
04DHD#4	1,089	92.2	0.7	1.8	0.5	0.1	4.5	0.2
05NWMCHA	1,482	90.8	0.5	2.6	0.6	0.3	5.2	0.0
06CMDHD	3,134	88.5	1.5	3.7	1.3	0.5	4.3	0.2
07West UP	849	88.0	1.9	2.5	0.5	1.8	4.7	0.7
08Barry	1,350	88.2	2.4	7.0	0.1	1.0	1.0	0.4
09Bay	1,565	80.0	1.9	11.4	0.0	0.2	6.1	0.4
10Gr Trav	1,176	84.8	0.9	6.2	2.2	0.9	4.5	0.6
11Berrien	2,586	49.1	36.7	8.1	0.3	1.1	4.1	0.6
12BHS	2,959	81.2	0.6	12.7	0.0	0.2	4.3	0.8
13Calhoun	2,823	60.6	20.0	7.3	0.4	4.9	6.3	0.5
14Leelanau	358	79.3	0.6	9.8	3.9	0.0	5.9	0.6
15Interkar	6,941	61.1	4.1	27.4	0.2	1.6	4.5	1.0
17Chippewa	594	53.9	0.7	3.0	21.0	0.8	20.0	0.3
19Mid-Mich	2,053	87.8	0.5	8.7	0.0	0.0	2.4	0.4
21Delta	871	80.7	0.7	4.9	1.5	0.3	11.1	0.7
22Iron	574	91.5	0.2	2.3	0.2	0.0	4.0	1.9
25Genesee	7,799	47.4	39.4	5.7	0.1	0.2	6.9	0.3
30HDI	1,797	31.3	46.4	17.3	0.1	0.6	4.2	0.2
32Huron	420	93.1	0.2	5.0	0.0	0.2	1.2	0.2
33Ingham	5,329	41.8	28.5	15.7	0.2	5.2	8.4	0.3
35Keweenaw	110	15.5	0.0	6.4	63.6	0.0	13.6	0.9

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

(2) Excludes data with errors.

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

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2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Racial and Ethnic Distribution by Local Agency Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
Local Agency	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
37Ionia	955	87.2	0.2	8.8	0.0	0.1	3.6	0.1
38Jackson	2,945	71.5	14.4	5.8	0.2	0.5	7.4	0.2
39Kalamazo	4,007	46.2	34.6	9.9	0.2	1.0	7.6	0.5
41Kent	10,091	31.9	28.9	29.1	0.3	4.7	4.8	0.3
43DHD#10	4,690	81.1	1.6	11.7	0.4	0.4	4.6	0.3
44Lapeer	870	90.2	0.7	4.8	0.0	0.6	3.3	0.3
45Tuscola	830	93.3	0.1	4.7	0.0	0.1	1.8	0.0
46CAA	1,263	72.1	2.5	19.2	0.0	0.2	5.5	0.5
47Livingst	1,027	91.2	1.2	3.8	0.0	0.6	2.3	0.9
50Macomb	8,268	50.1	34.3	2.8	0.1	8.2	4.2	0.3
51DCS	1,630	68.3	12.8	12.0	0.2	2.0	4.7	0.0
52Marquett	728	87.8	1.2	2.9	1.5	0.4	6.0	0.1
56MMCAA	965	89.6	1.6	3.9	0.0	1.8	3.0	0.1
58Monroe	1,977	81.3	6.7	6.0	0.1	0.4	4.9	0.7
61Muskegon	3,712	54.4	27.6	9.3	0.3	0.5	7.5	0.4
63Oakland	9,232	46.6	34.2	12.3	0.1	2.4	4.3	0.2
73Saginaw	2,293	46.5	31.0	15.7	0.0	0.7	5.8	0.3
74St Clair	2,039	81.1	6.1	6.4	0.1	0.5	5.5	0.2
76Sanilac	590	93.6	0.0	4.4	0.2	0.3	1.0	0.5
78Shiawass	1,087	88.2	0.5	6.6	0.0	0.1	4.4	0.2
81Washtena	3,222	37.1	40.6	10.2	0.1	2.5	9.1	0.4
82Wayne	15,549	56.4	29.0	5.4	0.2	5.5	3.2	0.3
89Urban L	11,037	14.3	77.2	5.2	0.1	0.6	2.4	0.2
90Detroit	15,990	8.7	72.8	15.6	0.1	1.0	1.7	0.1

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

(2) Excludes data with errors.

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

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Michigan

Comparison of Racial and Ethnic Distribution by Local Agency Combined 3 Years

Michigan	152,475	51.1	30.5	10.9	0.4	2.3	4.6	0.3
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(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

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

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Table 4F

2019 - 2021 Pregnancy Nutrition Surveillance (1)

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Michigan

Comparison of Age Distribution by Local Agency
Combined 3 Years

Comparison of Age Distribution (2)								
Local Agency	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
01DHD#2	1,072	0.0	3.2	7.6	64.6	23.2	1.4	0.0
02LMAS	440	0.0	3.2	7.7	60.5	27.3	1.4	0.0
04DHD#4	1,089	0.1	2.2	8.5	61.9	25.8	1.5	0.0
05NWMCHA	1,482	0.1	1.6	7.0	64.2	25.4	1.7	0.1
06CMDHD	3,134	0.1	2.8	7.8	65.1	22.8	1.2	0.2
07West UP	849	0.0	1.5	7.4	56.3	32.7	2.0	0.0
08Barry	1,350	0.1	2.8	7.6	61.6	25.7	1.6	0.6
09Bay	1,565	0.1	2.4	7.4	62.5	26.2	1.4	0.0
10Gr Trav	1,176	0.1	1.7	6.3	60.4	29.0	2.2	0.3
11Berrien	2,586	0.1	3.3	9.5	60.5	23.3	1.5	1.7
12BHS	2,959	0.1	2.3	8.9	63.9	22.4	2.2	0.2
13Calhoun	2,823	0.1	2.7	7.5	64.3	23.5	1.4	0.5
14Leelanau	358	0.0	2.5	4.5	60.1	31.6	1.1	0.3
15InterCar	6,941	0.1	2.4	7.5	61.2	26.7	1.9	0.3
17Chippewa	594	0.0	2.2	7.4	63.0	25.8	1.7	0.0
19Mid-Mich	2,053	0.1	2.5	7.9	63.4	24.5	1.4	0.1
21Delta	871	0.1	2.1	7.8	63.1	26.1	0.8	0.0
22Iron	574	0.2	2.4	7.0	61.5	27.9	1.0	0.0
25Genesee	7,799	0.2	2.4	7.6	64.1	24.0	1.6	0.1
30HDI	1,797	0.1	2.8	8.0	64.7	22.4	1.6	0.4
32Huron	420	0.0	1.0	5.0	61.9	30.5	1.7	0.0
33Ingham	5,329	0.1	2.5	7.7	61.0	26.6	1.9	0.2
35Keweenaw	110	0.0	1.8	10.9	64.5	21.8	0.9	0.0
37Ionia	955	0.1	2.2	8.7	64.6	23.0	1.2	0.2

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

(2) Excludes data with errors.

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

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2019 - 2021 Pregnancy Nutrition Surveillance (1)

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Michigan

Comparison of Age Distribution by Local Agency
Combined 3 Years

Comparison of Age Distribution (2)								
Local Agency	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
38Jackson	2,945	0.0	2.9	8.2	63.4	24.0	1.1	0.4
39Kalamazo	4,007	0.1	3.3	8.1	60.1	26.1	1.9	0.3
41Kent	10,091	0.1	2.5	7.1	58.5	29.2	2.1	0.5
43DHD#10	4,690	0.1	2.2	8.1	64.1	23.6	1.8	0.3
44Lapeer	870	0.0	2.9	5.3	64.0	26.2	1.4	0.2
45Tuscola	830	0.1	2.8	6.1	64.9	23.6	2.2	0.2
46CAA	1,263	0.1	1.4	8.1	63.5	25.7	1.0	0.2
47Livingst	1,027	0.0	1.7	5.2	59.8	31.1	2.1	0.2
50Macomb	8,268	0.0	1.1	4.4	58.1	33.7	2.6	0.0
51DCS	1,630	0.1	0.9	4.2	61.0	31.3	2.6	0.0
52Marquett	728	0.1	1.4	5.6	61.5	28.8	2.5	0.0
56MMCAA	965	0.0	1.6	5.9	64.5	26.5	1.6	0.0
58Monroe	1,977	0.0	2.4	7.8	63.0	25.1	1.6	0.1
61Muskegon	3,712	0.2	3.3	9.9	61.6	23.3	1.3	0.4
63Oakland	9,232	0.0	1.4	5.1	57.7	32.9	2.6	0.2
73Saginaw	2,293	0.1	3.0	8.1	63.2	24.4	1.0	0.2
74St Clair	2,039	0.1	2.5	7.8	64.3	23.1	1.9	0.3
76Sanilac	590	0.0	2.7	8.6	66.4	21.9	0.3	0.0
78Shiawass	1,087	0.0	3.3	7.8	66.3	21.5	1.0	0.0
81Washtena	3,222	0.1	1.5	6.2	57.8	31.8	2.3	0.2
82Wayne	15,549	0.0	1.2	4.9	58.9	31.6	3.1	0.2
89Urban L	11,037	0.1	2.3	6.3	59.9	28.6	2.5	0.2
90Detroit	15,990	0.1	2.6	7.0	58.3	29.1	2.7	0.2
Michigan	152,475	0.1	2.2	6.9	60.8	27.7	2.1	0.3

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

(2) Excludes data with errors.

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

WIC PNSS & PedNSS

Run Date: 5/29/2024

Table 5F

2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Maternal Health Indicators by Local Agency

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
01DHD#2	778	4.9 (38)	62.5 (35)	358	15.9 (6)	53.1 (28)	75	*	89	*	971	6.0 (3)	973	11.8 (18)
02LMAS	387	4.4 (32)	60.5 (20)	268	16.0 (8)	54.5 (36)	24	*	35	*	393	9.2 (31)	393	15.0 (39)
04DHD#4	989	5.5 (43)	60.2 (17)	462	16.7 (12)	54.3 (34)	68	*	82	*	992	9.2 (31)	993	14.3 (31)
05NWMCHA	1,083	3.9 (19)	59.7 (16)	364	18.4 (29)	51.9 (14)	137	24.1 (4)	143	26.6 (12)	1,397	7.7 (10)	1,396	13.6 (27)
06CMDHD	2,678	4.0 (23)	61.4 (27)	1,770	16.7 (12)	52.8 (24)	207	23.7 (3)	244	21.3 (8)	2,897	8.8 (26)	2,908	13.7 (29)
07West UP	728	2.5 (1)	57.6 (7)	488	18.2 (25)	48.8 (4)	55	*	85	*	761	9.1 (29)	762	12.5 (22)
08Barry	778	6.3 (44)	58.4 (9)	336	18.8 (31)	49.7 (8)	110	36.4 (8)	123	9.8 (2)	1,235	10.4 (43)	1,239	14.9 (36)
09Bay	1,283	3.1 (2)	62.3 (34)	769	17.4 (18)	54.9 (38)	115	23.5 (2)	83	*	1,441	7.0 (5)	1,441	11.1 (13)
10Gr Trav	989	4.9 (38)	53.6 (2)	769	15.9 (6)	51.9 (14)	79	*	70	*	1,084	8.7 (25)	1,087	8.7 (2)
11Berrien	2,219	4.3 (28)	61.2 (26)	1,574	18.9 (34)	53.4 (29)	240	37.5 (9)	227	21.6 (9)	2,304	8.6 (24)	2,306	17.9 (43)
12BHS	2,179	5.0 (41)	61.9 (31)	1,027	19.9 (42)	52.0 (17)	207	24.2 (5)	245	27.8 (15)	2,680	8.9 (27)	2,682	9.3 (3)
13Calhoun	2,165	3.9 (19)	61.5 (28)	1,324	18.9 (34)	52.9 (26)	159	39.6 (13)	223	27.4 (13)	2,573	8.0 (16)	2,573	9.9 (7)
14Leelanau	300	4.0 (23)	58.0 (8)	185	14.6 (3)	55.7 (41)	27	*	30	*	330	9.1 (29)	330	10.3 (8)
15Intercar	4,709	4.8 (37)	60.6 (22)	2,327	20.5 (44)	49.0 (5)	625	38.6 (10)	1,073	30.0 (18)	6,304	9.4 (35)	6,311	10.7 (10)
17Chippewa	520	3.8 (16)	59.2 (13)	362	13.8 (2)	54.4 (35)	31	*	53	*	532	8.5 (22)	534	10.3 (8)
19Mid-Mich	1,878	4.0 (23)	64.4 (44)	1,327	18.7 (30)	50.7 (10)	153	12.4 (1)	227	11.5 (4)	1,913	12.0 (46)	1,915	15.6 (40)
21Delta	818	3.5 (9)	59.3 (14)	619	17.6 (21)	51.2 (12)	72	*	114	11.4 (3)	775	9.2 (31)	777	14.7 (33)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight pre-pregnancy

(ideal weight gain = 25 to 35 pounds), overweight pre-pregnancy (ideal weight gain = 15 to 25 pounds), obese pre-pregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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

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Table 5F

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Michigan

Comparison of Maternal Health Indicators by Local Agency

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
22Iron	395	7.3 (45)	54.2 (3)	153	18.3 (28)	47.1 (2)	44	*	53	*	509	4.9 (1)	510	14.9 (36)
25Genesee	5,597	4.9 (38)	59.5 (15)	2,721	18.8 (31)	51.9 (14)	707	47.0 (23)	604	32.1 (23)	7,141	8.0 (16)	7,151	15.8 (41)
30HDI	1,462	3.2 (5)	67.8 (46)	756	19.7 (41)	47.4 (3)	127	42.5 (16)	376	31.9 (21)	1,682	7.9 (14)	1,682	13.1 (24)
32Huron	370	5.4 (42)	65.9 (45)	275	17.1 (16)	57.1 (45)	34	*	52	*	399	8.3 (19)	401	12.0 (19)
33Ingham	4,382	3.9 (19)	62.1 (32)	3,384	19.2 (37)	53.6 (30)	444	44.4 (17)	389	31.9 (21)	5,017	7.7 (10)	5,018	12.0 (19)
35Keweenaw	90	*	*	27	*	*	12	*	16	*	99	*	99	*
37Ionia	705	4.3 (28)	64.1 (43)	502	17.5 (19)	54.0 (33)	72	*	116	8.6 (1)	877	10.0 (42)	879	18.3 (46)
38Jackson	2,031	4.0 (23)	60.3 (18)	1,309	16.7 (12)	53.9 (32)	195	39.0 (11)	199	30.2 (19)	2,728	7.9 (14)	2,733	10.9 (11)
39Kalamazo	3,141	3.5 (9)	62.1 (32)	1,570	16.1 (9)	54.9 (38)	249	45.0 (18)	373	33.0 (24)	3,574	9.5 (36)	3,576	11.5 (15)
41Kent	6,204	3.8 (16)	60.5 (20)	2,515	25.7 (45)	44.2 (1)	1,093	40.7 (14)	1,962	29.2 (16)	9,287	8.3 (19)	9,299	14.9 (36)
43DHD#10	3,849	3.9 (19)	61.8 (30)	2,476	19.5 (40)	50.9 (11)	326	34.7 (7)	416	25.2 (11)	4,334	9.8 (40)	4,335	14.6 (32)
44Lapeer	849	3.8 (16)	56.7 (5)	737	17.5 (19)	52.1 (18)	73	*	96	*	801	4.9 (1)	802	9.6 (4)
45Tuscola	631	3.6 (13)	63.4 (37)	471	19.3 (38)	53.7 (31)	61	*	73	*	787	10.5 (44)	788	14.0 (30)
46CAA	940	3.1 (2)	61.0 (25)	459	15.3 (5)	50.1 (9)	118	52.5 (26)	127	40.9 (30)	1,137	9.5 (36)	1,139	13.3 (25)
47Livingst	972	4.4 (32)	54.6 (4)	661	18.9 (34)	51.7 (13)	71	*	137	12.4 (5)	933	10.7 (45)	934	18.0 (45)
50Macomb	7,129	3.5 (9)	61.7 (29)	5,637	18.8 (31)	52.5 (21)	692	40.9 (15)	826	27.4 (13)	7,718	9.2 (31)	7,721	9.8 (5)
51DCS	1,283	4.5 (35)	57.2 (6)	826	15.1 (4)	56.5 (44)	144	34.0 (6)	192	20.3 (7)	1,506	9.9 (41)	1,506	12.5 (22)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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

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Table 5F

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Michigan

Comparison of Maternal Health Indicators by Local Agency

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)														
Local Agency	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
52Marquett	650	3.4 (7)	60.8 (23)	460	16.3 (11)	56.3 (43)	55	*	69	*	649	7.1 (6)	655	13.3 (25)
56MMCAA	768	3.1 (2)	63.3 (36)	139	9.4 (1)	56.1 (42)	69	*	135	15.6 (6)	899	9.6 (38)	898	11.6 (17)
58Monroe	1,732	4.3 (28)	63.9 (41)	1,250	18.2 (25)	52.5 (21)	157	47.8 (24)	159	30.8 (20)	1,807	8.2 (18)	1,809	17.5 (42)
61Muskegon	3,339	3.7 (14)	63.4 (37)	2,455	18.0 (24)	52.1 (18)	220	45.5 (20)	194	22.7 (10)	3,417	9.6 (38)	3,421	17.9 (43)
63Oakland	7,386	4.1 (27)	59.0 (12)	4,349	17.3 (17)	52.8 (24)	753	45.0 (18)	803	33.3 (25)	8,394	6.9 (4)	8,394	11.4 (14)
73Saginaw	1,771	3.3 (6)	60.4 (19)	1,184	16.1 (9)	52.7 (23)	193	46.1 (22)	166	29.5 (17)	2,129	8.4 (21)	2,130	11.0 (12)
74St Clair	1,925	4.7 (36)	58.8 (10)	1,615	17.0 (15)	55.2 (40)	155	39.4 (12)	151	38.4 (28)	1,857	7.8 (12)	1,860	14.7 (33)
76Sanilac	109	8.3 (46)	53.2 (1)	41	*	*	49	*	43	*	523	7.1 (6)	523	9.8 (5)
78Shiawass	996	4.3 (28)	63.9 (41)	817	20.0 (43)	49.4 (6)	77	*	95	*	983	8.5 (22)	985	11.5 (15)
81Washtena	2,627	3.7 (14)	60.8 (23)	1,693	19.4 (39)	49.6 (7)	286	45.5 (20)	401	33.7 (26)	2,911	8.9 (27)	2,913	13.6 (27)
82Wayne	10,186	4.4 (32)	58.8 (10)	6,173	17.7 (22)	52.4 (20)	1,434	48.4 (25)	1,667	33.8 (27)	14,238	7.1 (6)	14,231	8.2 (1)
89Urban L	8,340	3.4 (7)	63.7 (40)	4,751	17.8 (23)	54.6 (37)	863	59.6 (28)	627	50.4 (31)	10,261	7.8 (12)	10,273	14.7 (33)
90Detroit	11,874	3.5 (9)	63.4 (37)	6,980	18.2 (25)	53.0 (27)	1,381	54.2 (27)	855	38.9 (29)	15,039	7.2 (9)	15,045	12.4 (21)
Michigan	116,274	4.0	61.2	70,748	18.3	52.3	12,540	43.2	14,527	30.1	140,267	8.2	140,379	12.6

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy

(ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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

WIC PNSS & PedNSS

Run Date: 5/29/2024

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Michigan

Comparison of Maternal Behavioral Indicators by Local Agency Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Prepregnancy ⁽⁴⁾		During Pregnancy ⁽⁵⁾	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
01DHD#2	950	84.6 (31)	8.0 (32)	1,048	33.7 (21)	971	21.8 (29)	830	91.2 (17)
02LMAS	385	83.1 (38)	9.1 (35)	431	42.5 (1)	383	26.9 (17)	355	92.4 (15)
04DHD#4	973	83.8 (35)	8.8 (34)	1,063	35.9 (13)	989	26.1 (19)	848	92.9 (13)
05NWMCHA	1,391	90.1 (13)	4.0 (13)	1,456	31.3 (27)	1,349	29.8 (10)	1,115	89.4 (27)
06CMDHD	2,827	83.5 (36)	9.6 (37)	3,095	39.0 (5)	2,818	27.2 (16)	2,459	88.8 (31)
07West UP	745	85.9 (25)	7.7 (31)	835	32.8 (24)	769	36.5 (5)	637	95.4 (1)
08Barry	1,216	89.1 (17)	3.9 (12)	1,338	28.3 (34)	1,233	28.7 (12)	961	94.5 (4)
09Bay	1,397	78.4 (43)	14.5 (45)	1,552	39.3 (4)	1,457	18.2 (40)	1,253	89.3 (28)
10Gr Trav	1,050	82.9 (39)	10.5 (41)	1,157	28.7 (32)	1,061	25.8 (21)	814	89.2 (29)
11Berrien	2,208	75.4 (45)	9.8 (38)	2,535	29.7 (30)	2,285	18.3 (39)	1,863	89.8 (26)
12BHS	2,459	77.6 (44)	12.2 (44)	2,906	34.0 (19)	2,616	23.5 (25)	2,231	88.1 (34)
13Calhoun	2,500	92.9 (3)	3.7 (10)	2,765	33.1 (22)	2,223	23.8 (22)	2,047	86.3 (40)
14Leelanau	317	86.1 (24)	8.5 (33)	349	35.2 (16)	310	34.8 (6)	268	87.3 (37)
15InterCar	6,123	89.4 (16)	5.5 (26)	6,828	34.1 (18)	5,829	23.2 (27)	5,051	87.2 (38)
17Chippewa	525	92.4 (5)	4.8 (17)	578	41.2 (2)	523	40.5 (2)	467	86.5 (39)
19Mid-Mich	1,877	84.3 (33)	9.4 (36)	2,015	33.9 (20)	1,697	27.8 (14)	1,549	94.4 (5)
21Delta	764	91.5 (9)	3.4 (8)	859	34.7 (17)	763	26.6 (18)	649	94.1 (7)
22Iron	505	90.3 (12)	6.5 (29)	569	36.2 (12)	518	39.0 (4)	451	92.0 (16)
25Genesee	7,002	87.5 (21)	3.1 (5)	7,675	25.3 (40)	5,898	9.0 (46)	5,540	88.9 (30)
30HDI	1,640	85.6 (27)	4.8 (17)	1,775	37.4 (8)	1,628	14.7 (44)	1,440	85.5 (46)
32Huron	390	84.6 (31)	5.4 (25)	416	27.9 (36)	364	33.5 (9)	294	90.1 (23)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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

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Michigan

Comparison of Maternal Behavioral Indicators by Local Agency Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Prepregnancy ⁽⁴⁾		During Pregnancy ⁽⁵⁾	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
33Ingham	4,825	88.4 (18)	4.8 (17)	5,273	28.2 (35)	4,719	8.6 (47)	3,884	90.0 (24)
35Keweenaw	99	*	*	108	38.0 (7)	103	23.3 (26)	94	*
37Ionia	869	93.0 (2)	3.8 (11)	944	30.6 (28)	859	21.0 (33)	671	94.0 (8)
38Jackson	2,630	85.8 (26)	7.4 (30)	2,903	38.4 (6)	2,618	20.6 (36)	2,289	87.4 (36)
39Kalamazo	3,491	86.9 (22)	5.7 (28)	3,945	35.7 (14)	3,600	17.6 (41)	3,018	85.9 (43)
41Kent	9,027	85.6 (27)	4.5 (16)	9,954	22.9 (44)	8,413	21.0 (33)	7,282	91.0 (19)
43DHD#10	4,147	82.2 (40)	10.8 (43)	4,606	37.4 (8)	3,942	27.8 (14)	3,618	88.7 (32)
44Lapeer	781	83.2 (37)	10.0 (39)	854	29.7 (30)	785	21.4 (31)	633	94.6 (3)
45Tuscola	772	82.0 (41)	10.4 (40)	819	33.1 (22)	748	28.1 (13)	604	93.9 (9)
46CAA	1,117	92.4 (5)	2.4 (3)	1,247	26.3 (38)	1,124	21.3 (32)	922	91.2 (17)
47Livingst	910	88.2 (20)	5.2 (24)	1,007	25.3 (40)	839	39.8 (3)	692	92.9 (13)
50Macomb	7,604	91.8 (8)	3.3 (7)	8,096	24.9 (42)	6,102	11.2 (45)	5,761	93.6 (10)
51DCS	1,469	91.0 (11)	3.4 (8)	1,604	24.3 (43)	838	34.0 (7)	1,147	94.4 (5)
52Marquett	628	89.6 (15)	5.1 (22)	718	35.4 (15)	542	33.9 (8)	581	90.5 (20)
56MMCAA	880	92.5 (4)	2.2 (2)	954	26.0 (39)	885	28.9 (11)	687	95.1 (2)
58Monroe	1,788	86.4 (23)	5.6 (27)	1,949	28.4 (33)	1,792	23.8 (22)	1,426	90.5 (20)
61Muskegon	3,297	88.4 (18)	4.4 (15)	3,622	37.2 (10)	2,954	20.9 (35)	2,782	86.3 (40)
63Oakland	8,216	90.1 (13)	4.8 (17)	9,114	26.4 (37)	6,864	19.1 (38)	6,557	90.0 (24)
73Saginaw	2,072	85.2 (29)	5.1 (22)	2,275	31.7 (26)	2,044	20.5 (37)	1,729	88.7 (32)
74St Clair	1,761	75.2 (46)	17.2 (46)	2,018	40.1 (3)	1,769	23.1 (28)	1,631	85.7 (45)
76Sanilac	519	91.3 (10)	5.0 (21)	583	36.7 (11)	544	44.1 (1)	472	93.0 (12)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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

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Michigan

Comparison of Maternal Behavioral Indicators by Local Agency

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)									
Local Agency	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Pregnancy (4)		During Pregnancy (5)	
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
78Shiawass	968	85.2 (29)	10.5 (41)	1,076	31.8 (25)	682	23.8 (22)	797	85.9 (43)
81Washtena	2,857	92.0 (7)	3.2 (6)	3,144	29.8 (29)	2,867	14.9 (43)	2,359	93.3 (11)
82Wayne	14,038	93.6 (1)	1.7 (1)	15,297	22.7 (45)	10,715	26.0 (20)	10,943	90.3 (22)
89Urban L	10,073	84.1 (34)	2.5 (4)	10,785	21.3 (47)	7,375	21.5 (30)	7,447	86.2 (42)
90Detroit	14,790	81.8 (42)	4.3 (14)	15,750	22.3 (46)	11,329	15.3 (42)	10,823	87.8 (35)
Michigan	136,924	86.9	5.1	149,995	28.3	120,804	20.8	110,018	89.4

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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

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Comparison of Smoking Indicators by Local Agency
Combined 3 Years

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (rank)	Number	% (rank)		Number	% (rank)	Number	% (rank)	
01DHD#2	900	38.3 (40)	972	27.2 (46)	281	23.5 (42)	829	16.2 (46)	973	4.0 (40)
02LMAS	387	40.8 (43)	392	25.5 (43)	130	28.5 (40)	354	14.1 (42)	391	3.3 (33)
04DHD#4	935	42.0 (46)	989	25.2 (41)	322	31.7 (31)	848	12.4 (37)	992	3.1 (30)
05NWMCHA	1,261	36.3 (34)	1,398	22.1 (35)	384	31.8 (30)	1,114	14.0 (41)	1,395	4.1 (42)
06CMDHD	2,723	37.5 (36)	2,912	23.6 (38)	847	30.3 (36)	2,458	14.3 (43)	2,912	3.5 (36)
07West UP	712	36.4 (35)	764	24.9 (40)	212	30.7 (34)	637	9.7 (23)	764	2.4 (24)
08Barry	1,145	38.1 (38)	1,239	18.7 (26)	340	45.0 (9)	960	7.4 (14)	1,241	2.7 (27)
09Bay	1,370	35.5 (28)	1,447	20.9 (34)	423	28.8 (39)	1,252	12.0 (35)	1,451	3.8 (38)
10Gr Trav	982	35.7 (30)	1,084	16.3 (20)	286	44.1 (11)	814	7.6 (15)	1,090	2.4 (24)
11Berrien	2,137	29.9 (17)	2,303	14.4 (17)	484	43.0 (14)	1,863	12.4 (37)	2,306	3.7 (37)
12BHS	2,494	33.2 (24)	2,683	19.1 (28)	662	34.6 (25)	2,225	10.8 (26)	2,678	2.3 (22)
13Calhoun	2,324	26.9 (14)	2,537	13.9 (15)	512	31.1 (32)	2,059	6.1 (11)	2,567	1.4 (11)
14Leelanau	306	38.2 (39)	329	18.5 (25)	98	*	269	9.7 (23)	330	3.3 (33)
15InterCar	5,792	21.8 (10)	6,293	10.6 (10)	1,047	38.2 (18)	5,031	4.6 (3)	6,308	1.3 (7)
17Chippewa	515	36.1 (32)	531	25.4 (42)	158	17.1 (44)	463	11.9 (34)	534	4.5 (45)
19Mid-Mich	1,720	35.6 (29)	1,903	20.6 (33)	525	33.3 (27)	1,550	11.4 (30)	1,918	2.6 (26)
21Delta	743	41.7 (45)	777	24.3 (39)	242	36.8 (22)	649	12.6 (39)	776	2.8 (28)
22Iron	494	37.7 (37)	509	25.9 (45)	158	21.5 (43)	450	8.7 (18)	507	2.2 (20)
25Genesee	6,393	23.9 (13)	7,142	13.4 (14)	1,215	37.4 (20)	5,531	8.6 (17)	7,150	2.1 (19)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

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

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Table 7F

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Michigan

Comparison of Smoking Indicators by Local Agency
Combined 3 Years

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (rank)	Number	% (rank)		Number	% (rank)	Number	% (rank)	
30HDI	1,540	30.1 (20)	1,678	11.9 (12)	418	47.4 (7)	1,439	11.7 (32)	1,680	3.4 (35)
32Huron	354	38.7 (41)	401	22.4 (37)	116	31.0 (33)	294	14.6 (44)	401	4.5 (45)
33Ingham	4,467	17.2 (7)	5,018	9.3 (9)	644	39.6 (15)	3,868	5.0 (4)	5,007	2.3 (22)
35Keweenaw	98	*	100	45.0 (47)	52	*	94	*	100	2.0 (17)
37Ionia	792	32.7 (23)	877	20.3 (30)	216	27.3 (41)	671	7.9 (16)	882	1.9 (16)
38Jackson	2,509	34.8 (27)	2,734	22.1 (35)	757	30.3 (36)	2,287	9.2 (21)	2,734	2.0 (17)
39Kalamazo	3,384	23.2 (12)	3,567	12.4 (13)	634	33.8 (26)	3,011	6.3 (12)	3,564	1.3 (7)
41Kent	8,407	15.5 (6)	9,300	7.4 (6)	1,017	44.1 (11)	7,135	4.1 (1)	9,252	1.1 (2)
43DHD#10	3,982	32.2 (22)	4,326	20.4 (31)	1,103	30.6 (35)	3,616	11.7 (32)	4,333	2.8 (28)
44Lapeer	737	30.0 (19)	802	16.6 (21)	162	43.8 (13)	633	6.8 (13)	801	1.2 (4)
45Tuscola	692	36.1 (32)	792	20.5 (32)	215	38.1 (19)	604	12.7 (40)	792	1.8 (13)
46CAA	1,052	30.9 (21)	1,141	14.2 (16)	245	45.3 (8)	918	9.4 (22)	1,142	4.1 (42)
47Livingst	857	28.8 (16)	928	16.9 (22)	191	36.6 (23)	694	5.2 (6)	930	1.3 (7)
50Macomb	6,892	15.4 (4)	7,720	6.9 (5)	803	44.6 (10)	5,756	5.9 (10)	7,714	1.2 (4)
51DCS	1,368	17.6 (8)	1,502	7.8 (7)	200	50.5 (5)	1,144	5.1 (5)	1,507	1.3 (7)
52Marquett	646	41.3 (44)	653	25.7 (44)	240	32.9 (29)	579	8.8 (19)	663	1.8 (13)
56MMCAA	806	28.4 (15)	896	16.2 (19)	186	36.6 (23)	687	5.7 (8)	893	1.8 (13)
58Monroe	1,658	33.7 (25)	1,811	17.7 (23)	449	39.2 (17)	1,426	10.9 (27)	1,806	4.0 (40)
61Muskegon	3,084	29.9 (17)	3,411	18.3 (24)	781	29.8 (38)	2,787	9.9 (25)	3,422	3.1 (30)

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

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(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

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

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Run Date: 5/29/2024

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2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Smoking Indicators by Local Agency Combined 3 Years

Comparison of Smoking Indicators (2,3)										
Local Agency	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (rank)	Number	% (rank)		Number	% (rank)	Number	% (rank)	
63Oakland	7,836	11.2 (1)	8,390	5.4 (2)	680	37.4 (20)	6,543	4.2 (2)	8,385	0.9 (1)
73Saginaw	1,921	34.3 (26)	2,107	11.6 (11)	559	55.5 (3)	1,727	10.9 (27)	2,137	2.2 (20)
74St Clair	1,795	39.6 (42)	1,858	19.9 (29)	584	39.4 (16)	1,629	15.4 (45)	1,859	5.1 (47)
76Sanilac	515	22.3 (11)	523	14.7 (18)	90	*	470	8.9 (20)	523	1.5 (12)
78Shiawass	905	35.9 (31)	988	19.0 (27)	267	33.0 (28)	790	12.3 (36)	981	4.2 (44)
81Washtena	2,709	19.5 (9)	2,908	8.3 (8)	427	51.1 (4)	2,354	5.7 (8)	2,910	1.1 (2)
82Wayne	13,054	12.9 (2)	14,232	5.8 (4)	1,231	48.7 (6)	10,908	5.3 (7)	14,242	1.2 (4)
89Urban L	8,616	15.4 (4)	10,286	5.4 (2)	1,078	57.1 (2)	7,431	11.2 (29)	10,273	3.9 (39)
90Detroit	12,639	15.0 (3)	15,074	5.0 (1)	1,573	58.2 (1)	10,793	11.4 (30)	15,051	3.2 (32)
Michigan	126,731	22.5	140,279	11.5	23,244	39.8	109,690	8.4	140,315	2.3

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

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

WIC PNSS & PedNSS

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2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Infant Health Indicators by Local Agency Combined 3 Years

Comparison of Infant Health Indicators ^(2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (4)	High (5)		(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
01DHD#2	890	8.2 (18)	7.9 (23)	925	8.5 (2)	808	5.4 (43)	890	67.5 (34)
02LMAS	374	7.8 (10)	10.2 (43)	380	10.8 (16)	330	3.6 (18)	374	77.0 (18)
04DHD#4	937	8.9 (25)	8.4 (33)	945	10.6 (12)	820	4.1 (25)	935	75.9 (20)
05NWMCHA	1,250	8.9 (25)	8.3 (31)	1,345	11.4 (23)	1,095	3.6 (18)	1,318	81.8 (9)
06CMDHD	2,728	8.7 (23)	7.6 (22)	2,820	11.2 (19)	2,411	4.3 (29)	2,733	75.3 (22)
07West UP	717	8.1 (17)	9.9 (41)	742	8.1 (1)	652	4.4 (31)	719	83.2 (8)
08Barry	1,156	9.7 (30)	8.1 (27)	1,218	11.7 (29)	1,018	4.2 (26)	1,176	83.3 (7)
09Bay	1,361	9.5 (28)	8.2 (29)	1,416	11.0 (17)	1,215	4.2 (26)	1,368	65.6 (37)
10Gr Trav	1,013	7.7 (8)	11.5 (45)	1,049	9.5 (4)	909	3.1 (11)	1,017	84.4 (2)
11Berrien	2,173	8.5 (20)	5.2 (5)	2,234	9.9 (8)	1,926	4.7 (35)	2,178	70.2 (31)
12BHS	2,528	7.6 (7)	8.6 (36)	2,608	10.3 (10)	2,243	3.2 (15)	2,544	79.6 (11)
13Calhoun	2,442	9.6 (29)	7.2 (19)	2,493	10.0 (9)	2,174	4.8 (38)	2,455	73.2 (25)
14Leelanau	308	6.5 (1)	9.4 (39)	318	10.7 (14)	275	2.5 (2)	308	86.0 (1)
15Intercar	5,667	8.0 (15)	8.5 (35)	6,109	12.1 (31)	4,949	2.9 (7)	5,979	77.3 (17)
17Chippewa	486	8.0 (15)	11.9 (46)	501	10.6 (12)	424	2.8 (4)	485	68.0 (33)
19Mid-Mich	1,806	9.9 (31)	8.2 (29)	1,847	12.3 (33)	1,563	2.9 (7)	1,813	84.0 (3)
21Delta	727	6.7 (2)	8.8 (37)	755	9.7 (7)	652	3.1 (11)	728	74.2 (24)
22Iron	487	7.8 (10)	8.4 (33)	498	11.4 (23)	431	3.5 (16)	488	75.8 (21)
25Genesee	6,846	11.6 (39)	5.1 (4)	7,025	13.5 (41)	5,886	5.6 (44)	6,857	56.6 (43)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one Local Agency's rate to other Local Agencies. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

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

WIC PNSS & PedNSS

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2019 - 2021 Pregnancy Nutrition Surveillance ⁽¹⁾

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Michigan

Comparison of Infant Health Indicators by Local Agency

Combined 3 Years

Comparison of Infant Health Indicators ^(2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low		High	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
30HDI	1,580	13.0 (44)	4.4 (2)	1,614	14.7 (44)	1,346	5.1 (41)	1,581	60.3 (41)
32Huron	373	8.6 (22)	9.1 (38)	391	10.7 (14)	336	3.0 (10)	372	77.7 (16)
33Ingham	4,686	10.3 (33)	5.9 (12)	4,879	12.7 (35)	4,087	4.3 (29)	4,721	76.5 (19)
35Keweenaw	93	*	*	96	*	80	*	94	*
37Ionia	844	7.7 (8)	9.7 (40)	863	10.5 (11)	749	2.9 (7)	844	83.4 (6)
38Jackson	2,582	9.9 (31)	7.9 (23)	2,648	11.4 (23)	2,289	4.5 (32)	2,586	70.8 (28)
39Kalamazo	3,308	10.9 (37)	6.9 (17)	3,472	12.2 (32)	2,884	4.2 (26)	3,347	70.0 (32)
41Kent	8,734	12.6 (43)	5.8 (9)	9,079	15.1 (45)	7,387	5.0 (39)	8,810	74.4 (23)
43DHD#10	4,001	8.7 (23)	8.3 (31)	4,135	11.7 (29)	3,483	3.5 (16)	4,015	78.4 (14)
44Lapeer	769	7.8 (10)	7.9 (23)	775	11.1 (18)	672	4.0 (24)	769	79.8 (10)
45Tuscola	742	7.8 (10)	8.1 (27)	761	12.7 (35)	644	2.8 (4)	741	78.1 (15)
46CAA	1,082	7.0 (3)	7.2 (19)	1,129	9.6 (5)	974	2.8 (4)	1,081	71.0 (27)
47Livingst	896	10.5 (34)	6.7 (16)	911	12.5 (34)	781	3.8 (23)	894	83.9 (4)
50Macomb	7,343	11.1 (38)	5.3 (6)	7,478	13.2 (39)	6,300	4.7 (35)	7,390	61.2 (40)
51DCS	1,459	8.5 (20)	6.5 (15)	1,470	11.5 (28)	1,276	3.1 (11)	1,464	70.8 (28)
52Marquett	637	7.4 (6)	10.4 (44)	644	9.2 (3)	573	3.7 (21)	639	83.7 (5)
56MMCAA	862	7.2 (4)	10.1 (42)	884	9.6 (5)	777	2.3 (1)	862	79.1 (13)
58Monroe	1,718	9.0 (27)	7.2 (19)	1,761	11.2 (19)	1,517	3.6 (18)	1,720	66.9 (35)
61Muskegon	3,250	10.6 (35)	5.8 (9)	3,302	13.1 (38)	2,775	4.6 (33)	3,259	65.1 (39)

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

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(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

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Run Date: 5/29/2024

Table 8F

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Michigan

Comparison of Infant Health Indicators by Local Agency

Combined 3 Years

Comparison of Infant Health Indicators (2,3)									
Local Agency	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (4)		High (5)	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
63Oakland	7,901	11.7 (40)	6.4 (14)	8,209	12.9 (37)	6,838	4.7 (35)	7,990	73.1 (26)
73Saginaw	2,041	12.1 (42)	5.8 (9)	2,097	13.3 (40)	1,768	4.6 (33)	2,045	65.3 (38)
74St Clair	1,767	8.3 (19)	7.9 (23)	1,812	11.4 (23)	1,560	3.7 (21)	1,771	66.3 (36)
76Sanilac	496	7.3 (5)	6.0 (13)	517	11.4 (23)	434	2.5 (2)	503	54.7 (44)
78Shiawass	940	7.9 (14)	7.1 (18)	965	11.3 (21)	831	3.1 (11)	942	70.8 (28)
81Washtena	2,737	12.0 (41)	5.4 (7)	2,817	13.9 (42)	2,339	5.0 (39)	2,753	79.3 (12)
82Wayne	13,233	10.7 (36)	5.6 (8)	13,869	11.3 (21)	11,642	5.2 (42)	13,557	59.0 (42)
89Urban L	9,385	14.9 (46)	3.8 (1)	9,910	17.0 (46)	7,657	7.1 (46)	9,654	54.7 (44)
90Detroit	14,153	13.8 (45)	4.4 (2)	14,708	14.2 (43)	12,037	6.8 (45)	14,319	52.1 (46)
Michigan	131,523	10.9	6.3	136,468	12.7	113,828	4.8	133,104	56.3

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

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(4) <2500 g.

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(7) 37 or more weeks gestation and <2500 g.

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