

WIC PNSS & PedNSS

Run Date: 6/28/2024

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2023 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	348	91.4	0.6	3.2	0.0	0.0	4.3	0.6
02LMAS	151	74.8	1.3	2.6	2.0	1.3	17.9	0.0
04DHD#4	293	91.1	1.7	2.4	0.0	0.3	4.4	0.0
05NWMCHA	377	86.2	0.8	4.8	0.5	1.1	6.6	0.0
06CMDHD	965	87.8	2.1	4.4	1.0	0.3	4.1	0.3
07West UP	283	86.6	2.1	2.5	1.4	2.1	4.9	0.4
08Barry	437	85.1	2.7	7.1	0.2	2.1	2.7	0.0
09Bay	437	78.5	3.2	9.6	0.0	0.7	7.6	0.5
10Gr Trav	353	78.8	1.4	10.5	2.3	1.7	5.4	0.0
11Berrien	693	47.3	34.2	10.2	0.6	2.3	4.2	1.2
12BHS	947	77.8	3.1	14.9	0.1	0.1	3.8	0.2
13Calhoun	834	59.2	18.1	10.1	0.4	4.8	6.8	0.6
14Leelanau	103	78.6	0.0	11.7	3.9	0.0	4.9	1.0
15Interkar	2,095	58.0	4.3	30.2	0.1	2.0	4.1	1.3
17Chippewa	161	60.9	1.2	3.1	16.8	1.9	16.1	0.0
19Mid-Mich	628	86.6	0.8	10.4	0.0	0.2	2.1	0.0
21Delta	269	79.9	0.0	5.2	3.3	0.0	11.2	0.4
22Iron	173	91.3	0.0	3.5	0.0	0.0	4.0	1.2
25Genesee	2,347	48.4	37.5	6.8	0.1	0.3	6.6	0.4
30HDI	728	42.7	32.7	14.4	0.4	0.7	8.8	0.3
32Huron	148	91.2	0.7	5.4	0.0	0.0	0.7	2.0
33Ingham	1,725	41.1	27.9	15.9	0.3	6.0	8.3	0.3
35Keweenaw	10	*	*	*	*	*	*	*

(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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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 %
37Ionia	269	88.5	0.4	8.6	0.0	0.4	2.2	0.0
38Jackson	849	70.8	13.3	7.7	0.2	0.7	7.1	0.2
39Kalamazo	1,148	44.3	32.8	12.1	0.1	0.9	9.0	0.8
41Kent	3,186	31.4	27.2	31.7	0.2	4.3	5.0	0.3
43DHD#10	1,491	79.5	1.2	14.2	0.3	0.3	4.0	0.3
44Lapeer	244	88.5	0.4	7.0	0.0	0.0	3.7	0.4
45Tuscola	248	95.2	0.4	3.2	0.0	0.4	0.4	0.4
46CAA	391	74.2	2.6	18.4	0.0	0.5	3.8	0.5
47Livingst	321	87.2	0.9	7.2	0.3	1.9	1.6	0.9
50Macomb	2,706	45.4	34.1	3.1	0.1	12.6	4.3	0.4
51DCS	489	58.5	12.9	19.6	0.0	2.0	6.5	0.4
52Marquett	199	87.4	1.0	3.0	2.5	0.0	5.5	0.5
56MMCAA	305	87.5	2.3	6.6	0.0	1.3	2.3	0.0
58Monroe	569	78.4	5.6	9.5	0.0	0.0	4.7	1.8
61Muskegon	1,073	55.1	26.7	10.2	0.5	0.9	6.3	0.3
63Oakland	3,051	43.5	34.0	14.7	0.1	3.4	3.9	0.4
73Saginaw	539	47.7	28.8	18.7	0.0	0.6	4.1	0.2
74St Clair	558	79.9	4.7	8.4	0.4	0.5	5.7	0.4
76Sanilac	152	91.4	0.0	7.2	0.0	0.0	0.7	0.7
78Shiawass	348	91.7	0.3	4.0	0.0	0.0	3.2	0.9
81Washtena	1,047	37.1	33.5	17.5	0.1	4.2	7.2	0.5
82Wayne	4,316	60.6	23.1	6.3	0.1	6.0	3.5	0.3
89Urban L	3,091	17.2	74.6	4.5	0.0	1.3	2.3	0.1

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors

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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	5,016	10.2	67.0	19.3	0.1	1.4	1.8	0.3
Michigan	46,160	50.6	28.4	12.8	0.3	2.8	4.6	0.4
National (Prior Year)	56,992	49.9	25.9	14.8	1.9	2.9	4.3	0.3

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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	348	0.3	0.9	6.0	60.1	29.6	2.0	1.1
02LMAS	151	0.0	2.6	4.0	61.6	29.1	2.0	0.7
04DHD#4	293	0.0	1.7	5.1	61.1	30.0	0.7	1.4
05NWMCHA	377	0.0	0.5	8.0	62.6	26.0	1.9	1.1
06CMDHD	965	0.0	1.5	6.5	62.9	25.2	1.6	2.4
07West UP	283	0.0	0.7	6.4	60.8	30.0	1.8	0.4
08Barry	437	0.0	1.6	6.9	58.4	30.4	1.1	1.6
09Bay	437	0.0	2.7	9.2	58.4	27.9	0.9	0.9
10Gr Trav	353	0.0	0.8	5.4	61.2	29.2	2.0	1.4
11Berrien	693	0.3	2.2	8.1	61.3	23.8	2.3	2.0
12BHS	947	0.1	2.2	5.7	63.7	23.0	2.5	2.7
13Calhoun	834	0.0	1.3	6.6	59.7	26.9	2.5	3.0
14Leelanau	103	0.0	0.0	2.9	53.4	38.8	2.9	1.9
15InterCar	2,095	0.1	1.5	5.7	57.2	31.6	2.3	1.6
17Chippewa	161	0.0	1.2	3.1	64.6	27.3	0.6	3.1
19Mid-Mich	628	0.0	1.3	6.1	58.4	31.1	1.8	1.4
21Delta	269	0.0	1.1	6.3	62.8	26.4	2.6	0.7
22Iron	173	0.0	2.3	6.4	55.5	34.1	1.2	0.6
25Genesee	2,347	0.0	1.8	6.6	60.8	28.5	1.5	0.8
30HDI	728	0.0	1.0	5.4	58.1	30.1	1.9	3.6
32Huron	148	0.0	0.7	2.0	58.8	35.1	1.4	2.0
33Ingham	1,725	0.1	1.9	4.6	56.4	32.1	2.8	2.1
35Keweenaw	10	*	*	*	*	*	*	*
37Ionia	269	0.0	1.9	7.8	59.1	27.5	1.9	1.9

(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	849	0.0	2.4	6.4	60.0	26.0	0.8	4.5
39Kalamazo	1,148	0.1	2.1	6.1	59.7	27.6	2.1	2.4
41Kent	3,186	0.1	1.7	5.1	55.5	33.1	3.0	1.4
43DHD#10	1,491	0.1	1.1	6.4	61.0	26.8	2.7	1.9
44Lapeer	244	0.0	1.2	4.9	62.3	29.1	0.8	1.6
45Tuscola	248	0.0	1.2	6.0	67.7	21.0	1.2	2.8
46CAA	391	0.0	1.5	6.9	62.9	26.3	1.8	0.5
47Livingst	321	0.0	1.2	4.7	55.5	35.8	2.5	0.3
50Macomb	2,706	0.0	0.7	3.1	54.1	39.1	2.2	0.8
51DCS	489	0.0	1.2	2.9	55.8	36.6	3.1	0.4
52Marquett	199	0.0	1.0	6.5	60.3	30.2	2.0	0.0
56MMCAA	305	0.0	0.3	5.6	60.3	32.1	1.0	0.7
58Monroe	569	0.0	0.9	6.7	63.1	26.9	1.4	1.1
61Muskegon	1,073	0.3	2.1	5.2	62.1	25.6	1.7	3.0
63Oakland	3,051	0.1	1.1	4.6	53.0	37.3	2.9	0.9
73Saginaw	539	0.4	2.6	5.6	54.5	33.6	2.8	0.6
74St Clair	558	0.0	2.0	5.2	61.5	28.1	1.4	1.8
76Sanilac	152	0.0	1.3	7.9	63.8	22.4	2.6	2.0
78Shiawass	348	0.0	1.7	6.3	64.4	25.3	1.4	0.9
81Washtena	1,047	0.0	1.4	4.8	51.5	37.2	4.2	0.9
82Wayne	4,316	0.0	0.9	3.9	53.7	37.2	3.9	0.4
89Urban L	3,091	0.2	1.6	5.5	52.6	36.1	2.7	1.3
90Detroit	5,016	0.0	1.8	5.5	53.3	35.3	2.8	1.3

(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

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Michigan	46,161	0.1	1.5	5.3	56.9	32.3	2.5	1.4
National (Prior Year)	57,001	0.1	1.8	6.0	58.2	30.9	2.3	0.6

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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	268	5.6 (37)	63.1 (27)	115	10.4 (3)	56.5 (25)	37	*	81	*	324	10.2 (31)	325	12.9 (13)
02LMAS	130	1.5 (1)	63.8 (36)	81	*	*	13	*	39	*	137	12.4 (44)	137	14.6 (23)
04DHD#4	250	6.4 (43)	60.4 (13)	68	*	*	44	*	61	*	268	8.2 (13)	269	14.5 (22)
05NWMCHA	298	3.0 (6)	55.7 (2)	81	*	*	58	*	92	*	360	6.7 (3)	360	12.8 (11)
06CMDHD	781	5.8 (41)	59.9 (11)	359	17.5 (21)	55.4 (22)	119	27.7 (2)	225	20.0 (6)	892	13.0 (45)	893	17.7 (39)
07West UP	226	3.5 (9)	55.8 (3)	101	15.8 (14)	48.5 (2)	20	*	60	*	240	7.9 (10)	238	17.6 (38)
08Barry	303	4.6 (24)	63.4 (31)	75	*	*	20	*	83	*	402	9.5 (25)	401	16.2 (32)
09Bay	319	3.8 (12)	62.7 (26)	177	16.9 (18)	58.2 (33)	23	*	67	*	409	7.8 (9)	410	16.8 (34)
10Gr Trav	278	5.4 (34)	56.8 (4)	177	15.3 (11)	54.8 (21)	37	*	64	*	311	6.8 (5)	314	13.4 (15)
11Berrien	567	5.1 (27)	63.8 (36)	361	18.3 (24)	53.5 (13)	71	*	141	22.0 (9)	607	8.7 (18)	610	18.2 (40)
12BHS	676	5.2 (29)	60.5 (14)	389	15.2 (10)	58.9 (35)	135	31.9 (3)	203	24.6 (11)	873	10.2 (31)	873	11.3 (4)
13Calhoun	753	5.6 (37)	59.5 (8)	541	17.2 (19)	56.7 (26)	60	*	81	*	755	9.4 (23)	755	12.8 (11)
14Leelanau	80	*	*	58	*	*	8	*	15	*	92	*	92	*
15Intercar	1,321	4.4 (19)	59.7 (10)	558	21.7 (35)	53.9 (14)	289	26.6 (1)	499	21.4 (7)	1,927	11.1 (38)	1,928	12.1 (7)
17Chippewa	141	2.1 (2)	63.1 (27)	100	10.0 (2)	57.0 (29)	17	*	47	*	144	11.8 (43)	144	11.1 (2)
19Mid-Mich	565	2.5 (4)	66.5 (43)	368	15.8 (14)	57.3 (30)	30	*	133	9.0 (1)	582	10.8 (37)	583	13.9 (18)
21Delta	254	2.4 (3)	63.4 (31)	189	23.8 (36)	49.7 (3)	37	*	68	*	249	9.6 (26)	250	15.2 (28)

(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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2023 Pregnancy Nutrition Surveillance (1)

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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	134	5.2 (29)	67.2 (44)	81	*	*	0	*	6	*	154	4.5 (1)	154	17.5 (37)
25Genesee	1,769	5.2 (29)	60.5 (14)	748	19.3 (28)	52.9 (10)	83	*	350	27.4 (14)	2,111	9.7 (27)	2,113	17.0 (35)
30HDI	511	5.7 (40)	63.6 (34)	294	19.0 (26)	50.3 (4)	26	*	88	*	682	7.5 (8)	681	16.4 (33)
32Huron	122	6.6 (44)	64.8 (39)	54	*	*	20	*	39	*	142	9.2 (22)	142	11.3 (4)
33Ingham	1,437	3.5 (9)	61.2 (17)	879	15.4 (13)	58.1 (32)	98	*	132	15.9 (3)	1,622	7.4 (7)	1,625	13.6 (17)
35Keweenaw	8	*	*	6	*	*	1	*	2	*	8	*	8	*
37Ionia	230	3.0 (6)	61.7 (20)	175	18.9 (25)	50.3 (4)	43	*	77	*	256	10.2 (31)	256	16.0 (30)
38Jackson	718	5.8 (41)	60.7 (16)	483	14.5 (7)	58.4 (34)	35	*	94	*	783	10.5 (34)	785	14.8 (24)
39Kalamazo	903	4.3 (16)	59.6 (9)	468	13.5 (5)	61.1 (36)	54	*	165	29.1 (16)	1,038	9.1 (21)	1,039	14.3 (21)
41Kent	1,735	4.3 (16)	61.4 (18)	669	26.5 (37)	43.0 (1)	455	34.3 (6)	1,007	21.7 (8)	2,987	9.7 (27)	2,992	19.9 (42)
43DHD#10	1,292	5.3 (33)	62.6 (24)	833	16.3 (17)	56.4 (24)	57	*	240	14.6 (2)	1,381	10.6 (36)	1,382	18.8 (41)
44Lapeer	241	5.4 (34)	61.4 (18)	203	13.8 (6)	54.2 (15)	23	*	43	*	228	7.0 (6)	229	13.5 (16)
45Tuscola	196	4.6 (24)	63.3 (30)	106	20.8 (32)	54.7 (20)	25	*	34	*	232	9.9 (29)	232	12.1 (7)
46CAA	316	5.1 (27)	58.5 (6)	188	14.9 (8)	55.9 (23)	46	*	112	25.0 (12)	343	11.1 (38)	343	17.2 (36)
47Livingst	257	4.7 (26)	56.8 (4)	147	20.4 (31)	54.4 (16)	24	*	78	*	304	11.5 (40)	305	22.3 (44)
50Macomb	2,535	3.5 (9)	63.4 (31)	2,017	19.0 (26)	50.3 (4)	181	37.6 (8)	891	27.9 (15)	2,519	11.6 (42)	2,516	15.3 (29)
51DCS	406	4.4 (19)	62.3 (21)	298	11.4 (4)	57.4 (31)	50	*	233	25.8 (13)	448	5.8 (2)	449	12.7 (10)

(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	162	5.6 (37)	52.5 (1)	99	*	*	2	*	35	*	180	6.7 (3)	182	11.0 (1)
56MMCAA	242	2.9 (5)	65.3 (40)	106	8.5 (1)	63.2 (37)	30	*	89	*	284	8.8 (20)	283	14.8 (24)
58Monroe	535	5.2 (29)	65.8 (41)	410	21.5 (34)	51.0 (7)	38	*	120	16.7 (4)	509	8.6 (16)	511	22.5 (45)
61Muskegon	924	4.4 (19)	64.2 (38)	663	17.8 (23)	54.4 (16)	37	*	45	*	981	10.1 (30)	980	20.7 (43)
63Oakland	2,593	4.4 (19)	58.8 (7)	1,626	16.1 (16)	52.6 (9)	241	44.0 (9)	607	30.5 (20)	2,756	8.7 (18)	2,757	13.2 (14)
73Saginaw	470	4.0 (15)	66.2 (42)	372	19.6 (29)	54.6 (18)	60	*	70	*	511	11.5 (40)	511	15.1 (26)
74St Clair	528	3.8 (12)	63.6 (34)	405	15.3 (11)	56.8 (27)	44	*	148	29.7 (19)	495	10.5 (34)	497	13.9 (18)
76Sanilac	95	*	*	10	*	*	11	*	42	*	138	9.4 (23)	138	12.3 (9)
78Shiawass	292	5.5 (36)	62.3 (21)	228	21.1 (33)	53.1 (11)	21	*	57	*	324	8.3 (15)	326	11.7 (6)
81Washtena	811	4.3 (16)	62.6 (24)	523	20.3 (30)	53.2 (12)	138	32.6 (4)	270	17.8 (5)	945	8.1 (11)	945	15.1 (26)
82Wayne	2,748	4.4 (19)	60.2 (12)	1,519	17.2 (19)	52.3 (8)	371	34.2 (5)	1,214	22.5 (10)	3,947	8.6 (16)	3,954	11.2 (3)
89Urban L	2,545	3.4 (8)	63.2 (29)	1,450	14.9 (8)	56.8 (27)	110	45.5 (10)	356	29.5 (18)	2,848	8.1 (11)	2,848	16.0 (30)
90Detroit	3,995	3.8 (12)	62.5 (23)	2,634	17.5 (21)	54.6 (18)	185	34.6 (7)	491	29.3 (17)	4,672	8.2 (13)	4,673	14.1 (20)
Michigan	35,984	4.3	61.6	21,505	17.5	54.1	3,531	34.3	9,106	23.2	42,426	9.3	42,465	15.0
National (Prior Year)	43,167	4.0	61.9	28,282	19.8	49.9	3,540	26.3	4,123	24.5	45,204	10.0	45,068	15.0

(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	304	90.8 (37)	0.0 (1)	341	33.1 (17)	342	26.3 (23)	264	92.4 (15)
02LMAS	131	91.6 (32)	0.0 (1)	147	42.9 (2)	150	29.3 (17)	121	91.7 (18)
04DHD#4	252	92.1 (27)	0.4 (18)	284	28.5 (35)	288	29.9 (15)	211	93.4 (11)
05NWMCHA	343	94.8 (12)	0.6 (27)	374	31.8 (23)	362	31.2 (13)	288	89.2 (37)
06CMDHD	815	92.5 (24)	0.6 (27)	949	37.2 (11)	916	29.7 (16)	762	89.8 (31)
07West UP	220	95.5 (8)	0.0 (1)	279	33.0 (18)	273	40.3 (4)	212	92.5 (14)
08Barry	397	94.2 (17)	0.8 (32)	434	29.3 (31)	434	33.2 (10)	302	93.7 (10)
09Bay	367	91.8 (30)	1.1 (40)	433	40.9 (3)	431	24.8 (27)	340	88.5 (40)
10Gr Trav	286	91.3 (33)	1.4 (43)	345	29.3 (31)	344	26.2 (24)	263	87.5 (43)
11Berrien	504	84.3 (45)	1.6 (45)	684	29.5 (30)	513	24.6 (28)	461	91.3 (21)
12BHS	762	92.0 (28)	0.3 (15)	924	32.5 (21)	935	32.7 (11)	692	90.3 (29)
13Calhoun	739	95.7 (6)	0.4 (18)	820	36.6 (12)	712	27.0 (20)	638	92.9 (12)
14Leelanau	89	*	*	103	32.0 (22)	101	30.7 (14)	76	*
15InterCar	1,790	95.7 (6)	0.2 (11)	2,054	29.7 (29)	1,996	27.5 (19)	1,451	90.1 (30)
17Chippewa	143	98.6 (1)	0.7 (29)	159	40.9 (3)	159	62.3 (1)	120	94.2 (9)
19Mid-Mich	554	95.3 (11)	0.0 (1)	620	31.8 (23)	566	56.9 (2)	465	96.3 (1)
21Delta	241	95.4 (10)	0.0 (1)	265	34.3 (15)	238	34.9 (7)	201	92.0 (16)
22Iron	142	96.5 (3)	0.0 (1)	168	38.1 (10)	164	52.4 (3)	143	95.1 (5)
25Genesee	1,928	89.8 (38)	0.4 (18)	2,307	29.0 (34)	1,994	22.4 (33)	1,732	91.0 (24)
30HDI	656	94.2 (17)	0.2 (11)	714	38.9 (8)	720	15.4 (44)	582	89.5 (35)

(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	117	89.7 (39)	0.9 (35)	145	25.5 (41)	145	37.9 (6)	110	91.8 (17)
33Ingham	1,349	89.7 (39)	0.4 (18)	1,692	31.6 (25)	1,695	15.6 (43)	1,305	89.8 (31)
35Keweenaw	8	*	*	10	*	10	*	8	*
37Ionia	243	95.5 (8)	0.0 (1)	265	27.9 (37)	266	20.3 (38)	193	95.9 (2)
38Jackson	717	92.9 (22)	0.7 (29)	845	38.5 (9)	839	20.9 (35)	653	89.6 (33)
39Kalamazo	958	91.1 (35)	0.5 (25)	1,136	31.0 (27)	1,113	20.8 (36)	831	86.9 (44)
41Kent	2,671	91.3 (33)	0.7 (29)	3,134	26.3 (39)	2,474	24.2 (29)	2,367	89.6 (33)
43DHD#10	1,173	92.8 (23)	1.0 (37)	1,452	43.5 (1)	1,432	25.4 (26)	1,167	88.7 (39)
44Lapeer	192	92.2 (25)	0.0 (1)	242	32.6 (20)	242	29.3 (17)	193	94.3 (8)
45Tuscola	199	94.5 (15)	0.0 (1)	243	40.7 (5)	245	16.3 (41)	201	90.5 (27)
46CAA	314	92.0 (28)	0.3 (15)	387	31.0 (27)	384	20.6 (37)	290	91.7 (18)
47Livingst	281	92.2 (25)	1.1 (40)	315	31.1 (26)	315	34.3 (8)	230	90.9 (25)
50Macomb	2,367	93.1 (21)	0.8 (32)	2,640	25.7 (40)	2,203	13.0 (46)	1,832	95.1 (5)
51DCS	428	93.7 (19)	0.2 (11)	468	20.9 (45)	309	34.0 (9)	335	95.2 (4)
52Marquett	165	94.5 (15)	1.2 (42)	191	33.0 (18)	170	23.5 (32)	143	95.8 (3)
56MMCAA	263	95.8 (5)	0.8 (32)	303	25.1 (42)	302	26.5 (22)	217	91.2 (22)
58Monroe	483	91.7 (31)	1.0 (37)	559	29.3 (31)	394	31.7 (12)	392	92.6 (13)
61Muskegon	921	91.0 (36)	0.4 (18)	1,058	35.9 (13)	1,039	21.8 (34)	818	94.7 (7)
63Oakland	2,563	94.8 (12)	0.5 (25)	3,002	28.0 (36)	2,750	25.5 (25)	2,143	91.6 (20)
73Saginaw	467	89.7 (39)	0.2 (11)	532	34.4 (14)	529	26.7 (21)	402	90.5 (27)
74St Clair	390	89.5 (42)	1.5 (44)	550	40.5 (6)	552	24.1 (30)	431	90.7 (26)

(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	132	98.5 (2)	0.0 (1)	152	33.6 (16)	151	15.2 (45)	111	89.2 (37)
78Shiawass	305	96.1 (4)	1.0 (37)	342	40.1 (7)	140	39.3 (5)	257	82.9 (45)
81Washtena	891	93.3 (20)	0.4 (18)	1,026	27.5 (38)	1,017	20.2 (39)	758	89.3 (36)
82Wayne	3,795	94.7 (14)	0.3 (15)	4,256	22.5 (44)	3,862	16.7 (40)	3,068	88.4 (41)
89Urban L	2,720	85.8 (44)	0.4 (18)	3,018	23.1 (43)	2,440	24.1 (30)	2,113	87.9 (42)
90Detroit	4,490	87.6 (43)	0.9 (35)	4,949	20.9 (45)	3,878	16.3 (41)	3,419	91.2 (22)
Michigan	39,293	91.8	0.6	45,366	28.9	40,573	23.3	33,331	90.6
National (Prior Year)	47,224	86.4	1.2	51,965	24.2	46,223	23.1	38,918	91.9

(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	262	32.4 (42)	304	12.2 (34)	83	*	264	22.0 (44)	326	11.3 (37)
02LMAS	116	41.4 (44)	131	16.0 (43)	48	*	121	24.8 (45)	140	19.3 (45)
04DHD#4	208	28.4 (38)	256	12.9 (39)	55	*	211	19.4 (40)	271	12.5 (42)
05NWMCHA	285	24.2 (29)	349	9.7 (29)	67	*	287	17.8 (39)	361	11.4 (38)
06CMDHD	750	28.0 (37)	853	15.0 (40)	202	26.7 (18)	764	21.7 (43)	896	16.1 (44)
07West UP	210	33.3 (43)	238	18.9 (45)	63	*	212	14.6 (29)	244	7.0 (22)
08Barry	298	14.1 (10)	404	7.7 (21)	40	*	301	12.0 (22)	405	7.7 (25)
09Bay	340	25.0 (30)	407	12.5 (37)	81	*	340	17.6 (38)	408	9.1 (33)
10Gr Trav	261	26.1 (33)	304	12.2 (34)	62	*	263	17.5 (37)	319	10.7 (35)
11Berrien	449	21.6 (25)	605	8.9 (25)	94	*	462	20.1 (41)	608	10.2 (34)
12BHS	682	20.8 (24)	843	9.1 (26)	133	30.8 (17)	691	14.8 (30)	874	10.9 (36)
13Calhoun	635	19.8 (23)	746	5.2 (10)	118	56.8 (4)	638	7.1 (7)	752	4.5 (11)
14Leelanau	75	*	88	*	23	*	76	*	92	*
15InterCar	1,442	18.0 (18)	1,890	5.4 (12)	250	44.0 (12)	1,452	8.7 (11)	1,940	6.1 (15)
17Chippewa	116	14.7 (13)	144	18.8 (44)	17	*	120	14.2 (28)	148	7.4 (23)
19Mid-Mich	464	26.9 (34)	555	8.3 (23)	117	44.4 (11)	464	15.9 (33)	583	12.3 (41)
21Delta	200	26.0 (32)	244	15.2 (42)	46	*	200	15.0 (32)	250	11.6 (39)
22Iron	141	31.2 (40)	152	15.1 (41)	37	*	143	9.1 (12)	155	4.5 (11)

(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	1,728	17.7 (17)	2,056	6.7 (16)	272	44.5 (10)	1,734	11.8 (20)	2,102	6.7 (20)
30HDI	579	17.1 (16)	683	4.8 (9)	90	*	581	12.7 (24)	684	8.5 (29)
32Huron	110	23.6 (27)	142	8.5 (24)	25	*	110	17.3 (36)	141	3.5 (5)
33Ingham	1,304	16.6 (15)	1,627	6.0 (14)	204	47.5 (7)	1,305	10.1 (15)	1,629	2.6 (2)
35Keweenaw	8	*	8	*	3	*	8	*	8	*
37Ionia	191	24.1 (28)	237	11.4 (31)	45	*	193	16.6 (35)	256	6.6 (19)
38Jackson	653	19.4 (21)	788	10.7 (30)	115	32.2 (15)	653	13.6 (26)	784	8.0 (27)
39Kalamazo	822	16.4 (14)	1,018	6.7 (16)	128	38.3 (13)	830	10.1 (15)	1,042	6.1 (15)
41Kent	2,335	11.3 (7)	2,964	4.3 (7)	270	48.5 (6)	2,361	6.4 (5)	2,984	2.8 (3)
43DHD#10	1,163	27.2 (36)	1,326	12.4 (36)	285	31.2 (16)	1,162	15.9 (33)	1,372	13.3 (43)
44Lapeer	186	19.4 (21)	223	12.1 (32)	37	*	193	8.3 (9)	229	4.4 (10)
45Tuscola	200	31.5 (41)	231	12.6 (38)	63	*	201	20.9 (42)	232	12.1 (40)
46CAA	289	18.3 (19)	341	8.2 (22)	47	*	290	9.3 (13)	344	5.2 (14)
47Livingst	228	25.4 (31)	295	6.4 (15)	55	*	230	13.0 (25)	306	7.5 (24)
50Macomb	1,830	6.7 (2)	2,511	2.4 (4)	108	45.4 (9)	1,831	5.2 (1)	2,508	3.7 (6)
51DCS	334	6.3 (1)	439	2.7 (5)	21	*	334	9.3 (13)	448	2.2 (1)
52Marquett	144	42.4 (45)	174	12.1 (32)	59	*	144	11.1 (18)	183	8.7 (31)
56MMCAA	214	29.9 (39)	266	7.1 (19)	57	*	216	10.2 (17)	284	6.3 (18)
58Monroe	372	26.9 (34)	486	9.5 (27)	107	45.8 (8)	382	12.6 (23)	489	9.0 (32)

(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	816	14.3 (11)	974	7.1 (19)	109	33.0 (14)	818	13.6 (26)	992	7.9 (26)
63Oakland	2,126	9.5 (4)	2,740	2.1 (1)	186	58.1 (3)	2,136	6.7 (6)	2,759	4.0 (8)
73Saginaw	402	18.9 (20)	507	5.3 (11)	70	*	402	11.2 (19)	511	6.1 (15)
74St Clair	426	22.3 (26)	493	9.5 (27)	85	*	431	14.8 (30)	506	8.5 (29)
76Sanilac	109	11.9 (8)	133	6.8 (18)	14	*	110	11.8 (20)	138	8.0 (27)
78Shiawass	255	10.2 (6)	316	5.4 (12)	29	*	256	5.5 (2)	324	6.8 (21)
81Washtena	753	14.3 (11)	939	4.5 (8)	92	*	758	5.5 (2)	946	3.8 (7)
82Wayne	3,062	8.5 (3)	3,928	2.9 (6)	229	53.3 (5)	3,063	6.0 (4)	3,955	4.6 (13)
89Urban L	2,100	12.8 (9)	2,838	2.3 (3)	252	75.4 (1)	2,111	7.5 (8)	2,855	4.1 (9)
90Detroit	3,396	10.0 (5)	4,680	2.2 (2)	332	65.7 (2)	3,419	8.5 (10)	4,689	3.2 (4)
Michigan	33,089	15.8	41,903	5.7	4,925	45.2	33,292	10.2	42,493	6.0
National (Prior Year)	40,927	23.4	49,975	7.8	7,918	31.5	39,948	6.0	53,241	3.4

(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) 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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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	307	7.8 (11)	14.0 (45)	311	8.7 (2)	276	4.0 (24)	305	76.1 (33)
02LMAS	131	7.6 (9)	6.9 (25)	131	9.9 (8)	115	6.1 (40)	131	82.4 (15)
04DHD#4	258	10.1 (25)	9.3 (42)	257	12.1 (25)	223	3.6 (18)	258	82.9 (13)
05NWMCHA	322	6.8 (4)	9.0 (39)	347	10.1 (10)	291	2.4 (5)	333	87.4 (2)
06CMDHD	838	9.3 (18)	7.2 (29)	866	10.6 (13)	745	5.0 (30)	841	81.5 (19)
07West UP	232	6.0 (3)	8.2 (34)	237	12.2 (27)	204	2.9 (10)	234	83.8 (10)
08Barry	371	11.1 (34)	7.0 (27)	396	15.4 (42)	315	2.9 (10)	381	80.6 (23)
09Bay	388	9.3 (18)	9.0 (39)	401	10.5 (11)	347	3.7 (19)	387	70.8 (40)
10Gr Trav	304	7.6 (9)	8.6 (36)	309	9.1 (3)	274	4.0 (24)	308	91.2 (1)
11Berrien	571	9.3 (18)	7.4 (30)	590	12.5 (29)	497	4.8 (28)	574	70.9 (39)
12BHS	818	8.6 (14)	8.7 (38)	842	11.8 (19)	710	3.9 (21)	830	81.4 (20)
13Calhoun	706	11.3 (35)	6.4 (18)	726	11.2 (15)	624	5.4 (33)	708	83.3 (12)
14Leelanau	87	*	*	89	*	81	*	87	*
15Intercar	1,781	10.6 (28)	6.6 (24)	1,843	12.0 (23)	1,556	3.9 (21)	1,817	82.4 (15)
17Chippewa	138	5.8 (2)	13.0 (44)	143	9.8 (6)	124	2.4 (5)	139	83.5 (11)
19Mid-Mich	548	8.2 (12)	6.4 (18)	561	11.2 (15)	484	3.1 (12)	550	84.7 (6)
21Delta	232	8.2 (12)	5.2 (4)	241	11.6 (17)	203	2.5 (7)	231	80.5 (24)
22Iron	148	7.4 (7)	8.1 (33)	149	15.4 (42)	123	0.8 (1)	146	84.2 (7)
25Genesee	2,034	14.1 (43)	5.5 (8)	2,063	14.2 (37)	1,733	7.2 (44)	2,041	66.8 (42)

(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.

WIC PNSS & PedNSS

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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		High	(6)		(7)			
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
30HDI	634	11.5 (36)	6.2 (15)	650	14.3 (38)	542	3.7 (19)	637	72.4 (38)
32Huron	131	10.7 (29)	8.4 (35)	134	13.4 (33)	113	0.9 (2)	131	79.4 (27)
33Ingham	1,515	9.6 (22)	6.4 (18)	1,560	12.4 (28)	1,323	3.2 (14)	1,532	84.0 (9)
35Keweenaw	8	*	*	8	*	7	*	8	*
37Ionia	245	10.2 (26)	6.5 (22)	251	10.0 (9)	221	5.4 (33)	245	86.5 (4)
38Jackson	720	11.5 (36)	7.8 (32)	762	12.1 (25)	630	6.2 (41)	726	80.0 (25)
39Kalamazo	980	11.5 (36)	6.5 (22)	1,012	13.2 (31)	847	5.4 (33)	990	78.0 (31)
41Kent	2,827	12.1 (40)	5.4 (7)	2,915	14.1 (36)	2,424	5.3 (32)	2,878	79.3 (28)
43DHD#10	1,298	9.1 (17)	7.4 (30)	1,312	12.0 (23)	1,124	4.4 (26)	1,306	85.5 (5)
44Lapeer	212	9.0 (16)	9.0 (39)	221	11.8 (19)	185	2.7 (9)	212	81.6 (18)
45Tuscola	219	5.0 (1)	6.4 (18)	224	8.0 (1)	201	1.5 (3)	220	82.7 (14)
46CAA	323	10.8 (31)	6.2 (15)	334	13.2 (31)	282	5.0 (30)	323	81.7 (17)
47Livingst	291	10.7 (29)	6.9 (25)	291	13.7 (35)	248	3.2 (14)	291	84.2 (7)
50Macomb	2,381	13.3 (42)	5.2 (4)	2,413	14.6 (39)	2,002	6.6 (42)	2,402	73.9 (35)
51DCS	440	8.6 (14)	6.1 (14)	433	11.8 (19)	377	3.2 (14)	441	78.2 (30)
52Marquett	176	7.4 (7)	6.3 (17)	176	9.7 (5)	157	5.7 (37)	177	80.8 (22)
56MMCAA	263	6.8 (4)	10.3 (43)	271	9.6 (4)	237	2.5 (7)	263	81.0 (21)
58Monroe	484	9.9 (23)	5.2 (4)	493	11.0 (14)	431	3.9 (21)	483	73.7 (36)
61Muskegon	933	11.0 (33)	5.7 (11)	964	14.7 (40)	791	5.6 (36)	938	74.7 (34)

(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	2,585	11.9 (39)	5.5 (8)	2,676	13.5 (34)	2,219	4.9 (29)	2,626	79.1 (29)
73Saginaw	484	9.9 (23)	5.8 (12)	494	12.8 (30)	422	3.1 (12)	488	73.0 (37)
74St Clair	478	10.3 (27)	8.6 (36)	491	9.8 (6)	433	4.4 (26)	481	77.1 (32)
76Sanilac	129	9.3 (18)	7.0 (27)	135	11.9 (22)	114	3.5 (17)	131	64.1 (43)
78Shiawass	307	6.8 (4)	5.5 (8)	314	10.5 (11)	274	2.2 (4)	309	79.9 (26)
81Washtena	878	12.5 (41)	5.9 (13)	908	15.5 (44)	737	5.7 (37)	893	86.8 (3)
82Wayne	3,605	10.9 (32)	4.5 (3)	3,843	11.7 (18)	3,162	5.7 (37)	3,766	69.7 (41)
89Urban L	2,577	15.3 (45)	3.6 (2)	2,748	16.9 (45)	2,097	7.7 (45)	2,654	62.1 (44)
90Detroit	4,395	14.2 (44)	3.5 (1)	4,563	15.2 (41)	3,710	6.9 (43)	4,463	58.2 (45)
Michigan	39,736	11.4	5.8	41,121	13.2	34,238	5.2	40,322	74.6
National (Prior Year)	50,081	11.0	6.0	51,393	13.2	42,775	5.0	50,583	46.5

(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 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	1,002	91.8	0.5	3.1	0.1	0.0	4.2	0.3
02LMAS	415	72.5	0.5	2.2	6.5	0.5	17.8	0.0
04DHD#4	994	90.9	1.1	2.4	0.2	0.2	5.1	0.0
05NWMCHA	1,229	88.5	0.7	3.5	0.5	0.6	6.1	0.1
06CMDHD	3,047	87.8	1.8	4.7	1.2	0.4	3.9	0.1
07West UP	823	86.8	2.1	2.7	1.0	1.7	5.5	0.4
08Barry	1,286	86.9	3.0	6.8	0.2	1.3	1.7	0.1
09Bay	1,444	80.2	2.5	10.0	0.1	0.3	6.6	0.3
10Gr Trav	1,120	81.5	1.3	8.5	2.5	1.1	4.8	0.4
11Berrien	2,194	49.5	33.9	9.0	0.4	1.8	4.3	1.1
12BHS	2,779	78.6	1.9	14.8	0.1	0.3	3.9	0.5
13Calhoun	2,723	60.6	19.7	8.3	0.3	4.4	6.3	0.5
14Leelanau	314	80.6	0.0	9.6	2.9	0.0	6.7	0.3
15Interkar	6,518	60.1	4.4	28.0	0.1	1.8	4.5	1.1
17Chippewa	513	59.3	0.8	2.7	18.3	1.2	17.7	0.0
19Mid-Mich	1,904	87.8	0.5	9.0	0.0	0.1	2.4	0.3
21Delta	818	79.0	1.0	5.0	3.4	0.4	10.4	0.9
22Iron	545	92.7	0.0	2.9	0.0	0.4	2.9	1.1
25Genesee	7,274	49.6	37.0	6.5	0.0	0.3	6.2	0.3
30HDI	1,931	41.3	32.1	15.7	0.3	0.4	9.9	0.2
32Huron	407	91.9	0.5	5.4	0.0	0.2	0.7	1.2
33Ingham	5,325	42.2	27.8	15.9	0.2	5.6	8.1	0.2
35Keweenaw	71	*	*	*	*	*	*	*

(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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2021 - 2023 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	837	88.5	0.2	7.9	0.0	0.1	3.2	0.0
38Jackson	2,696	71.7	13.6	7.2	0.1	0.7	6.6	0.1
39Kalamazo	3,480	45.9	34.5	10.3	0.1	0.9	7.6	0.7
41Kent	9,554	31.1	27.9	31.0	0.3	4.6	4.8	0.3
43DHD#10	4,543	79.9	1.4	13.3	0.3	0.3	4.4	0.4
44Lapeer	730	88.1	1.0	6.3	0.0	0.5	4.0	0.1
45Tuscola	750	93.9	0.4	4.1	0.0	0.1	1.3	0.1
46CAA	1,188	72.1	2.8	19.0	0.2	0.5	4.9	0.6
47Livingst	999	88.4	1.5	4.7	0.1	1.4	2.9	1.0
50Macomb	8,213	45.9	35.8	3.2	0.1	10.5	4.1	0.3
51DCS	1,461	63.0	14.0	15.9	0.1	1.7	5.2	0.1
52Marquett	655	87.2	1.4	2.9	2.7	0.0	5.0	0.8
56MMCAA	962	86.2	2.4	6.9	0.0	1.5	3.0	0.1
58Monroe	1,857	80.8	6.5	7.5	0.0	0.1	4.1	0.9
61Muskegon	3,385	57.4	24.8	10.3	0.4	0.6	6.2	0.3
63Oakland	9,148	44.3	35.1	13.6	0.1	3.0	3.7	0.3
73Saginaw	1,874	46.6	30.9	16.4	0.2	0.4	5.3	0.2
74St Clair	1,777	80.5	5.0	6.9	0.1	0.5	6.6	0.3
76Sanilac	505	93.1	0.0	5.0	0.0	0.2	1.2	0.6
78Shiawass	1,048	90.7	0.4	4.5	0.0	0.1	3.8	0.5
81Washtena	3,245	37.4	37.2	13.4	0.1	3.5	7.8	0.5
82Wayne	13,430	59.6	25.1	5.9	0.1	5.8	3.2	0.2
89Urban L	10,543	17.8	73.2	5.2	0.1	1.2	2.4	0.1
90Detroit	14,729	9.9	68.5	18.0	0.1	1.5	1.9	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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Michigan

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

Michigan	142,422	51.2	29.1	11.9	0.3	2.6	4.5	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

2021 - 2023 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	1,002	0.1	2.0	8.1	60.0	27.7	1.6	0.5
02LMAS	415	0.0	1.9	6.7	58.8	29.9	2.2	0.5
04DHD#4	994	0.1	1.9	6.6	60.5	29.5	1.0	0.4
05NWMCHA	1,229	0.0	1.2	7.8	60.9	27.7	2.0	0.4
06CMDHD	3,047	0.1	2.0	7.1	63.1	25.1	1.4	1.1
07West UP	823	0.1	1.0	7.2	58.9	31.1	1.6	0.1
08Barry	1,286	0.0	2.1	7.2	60.1	27.8	1.3	1.5
09Bay	1,444	0.0	2.6	8.0	59.5	28.1	1.0	0.7
10Gr Trav	1,120	0.1	1.1	5.6	59.6	31.4	1.8	0.4
11Berrien	2,194	0.2	2.5	8.9	59.8	25.3	1.9	1.5
12BHS	2,779	0.2	2.3	6.8	62.8	23.7	2.9	1.3
13Calhoun	2,723	0.0	2.1	7.5	61.4	25.7	1.8	1.5
14Leelanau	314	0.6	1.0	4.5	52.5	38.5	1.6	1.3
15InterCar	6,518	0.1	1.8	6.2	59.3	29.7	1.9	1.0
17Chippewa	513	0.0	1.8	5.1	62.4	28.8	0.8	1.2
19Mid-Mich	1,904	0.0	2.0	6.8	61.2	27.5	1.6	0.9
21Delta	818	0.2	1.0	7.6	62.5	26.9	1.6	0.2
22Iron	545	0.2	1.8	5.3	61.1	30.3	1.1	0.2
25Genesee	7,274	0.2	1.8	6.8	62.2	27.0	1.6	0.5
30HDI	1,931	0.0	1.0	7.7	61.1	26.6	1.7	2.0
32Huron	407	0.0	0.7	2.9	60.7	33.7	1.2	0.7
33Ingham	5,325	0.1	2.0	5.5	59.5	29.6	2.3	1.1
35Keweenaw	71	*	*	*	*	*	*	*
37Ionia	837	0.2	1.7	6.5	62.8	25.9	1.7	1.2

(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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Table 4F

2021 - 2023 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	2,696	0.1	2.6	6.9	61.4	25.7	1.2	2.1
39Kalamazo	3,480	0.1	2.4	7.2	59.1	27.9	2.1	1.2
41Kent	9,554	0.1	1.8	5.7	57.2	31.1	2.9	1.1
43DHD#10	4,543	0.0	1.8	7.2	62.3	25.3	2.1	1.3
44Lapeer	730	0.0	1.5	4.7	62.9	28.2	1.8	1.0
45Tuscola	750	0.0	1.9	6.1	65.6	23.6	1.6	1.2
46CAA	1,188	0.0	1.0	6.5	64.0	26.5	1.2	0.8
47Livingst	999	0.0	1.2	4.9	56.7	34.3	2.3	0.6
50Macomb	8,213	0.0	0.8	3.6	55.5	37.2	2.5	0.4
51DCS	1,461	0.1	0.8	3.1	58.0	35.5	2.3	0.2
52Marquett	655	0.0	1.7	4.7	63.1	28.5	2.0	0.0
56MMCAA	962	0.0	0.7	5.9	63.6	28.4	1.1	0.2
58Monroe	1,857	0.0	1.2	6.5	64.1	26.1	1.4	0.6
61Muskegon	3,385	0.1	2.5	7.8	61.2	25.6	1.4	1.4
63Oakland	9,148	0.0	1.1	4.5	55.3	35.8	2.8	0.5
73Saginaw	1,874	0.3	2.6	6.4	59.4	29.1	1.7	0.5
74St Clair	1,777	0.0	1.6	7.5	61.5	26.6	1.6	1.2
76Sanilac	505	0.0	2.2	6.7	63.8	25.7	1.0	0.6
78Shiawass	1,048	0.1	2.4	6.3	64.7	25.0	1.2	0.3
81Washtena	3,245	0.0	1.4	5.2	54.5	34.9	3.3	0.6
82Wayne	13,430	0.0	1.0	4.0	55.5	35.6	3.5	0.3
89Urban L	10,543	0.1	1.8	5.5	55.6	33.6	2.7	0.7
90Detroit	14,729	0.1	2.2	6.0	54.7	33.3	2.7	0.9
Michigan	142,422	0.1	1.7	5.9	58.4	30.8	2.3	0.8

(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

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Table 5F

2021 - 2023 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	790	4.2 (19)	64.8 (42)	391	12.5 (3)	58.1 (41)	57	*	114	18.4 (7)	924	8.7 (16)	925	14.4 (22)
02LMAS	363	4.7 (33)	60.9 (14)	239	16.3 (12)	59.8 (44)	26	*	62	*	381	11.3 (42)	381	14.4 (22)
04DHD#4	852	5.4 (42)	61.0 (17)	302	17.2 (19)	52.6 (17)	61	*	89	*	910	11.1 (40)	911	14.7 (26)
05NWMCHA	872	3.2 (3)	57.2 (5)	249	20.9 (41)	55.8 (37)	157	22.9 (1)	240	23.3 (15)	1,165	8.2 (12)	1,165	13.4 (16)
06CMDHD	2,444	4.7 (33)	61.9 (22)	1,359	16.1 (10)	54.8 (33)	169	26.0 (2)	325	18.8 (8)	2,850	10.5 (35)	2,857	16.2 (36)
07West UP	692	3.6 (9)	56.6 (3)	430	17.0 (17)	47.2 (2)	32	*	76	*	727	9.8 (30)	726	15.6 (34)
08Barry	821	5.2 (40)	62.0 (23)	280	18.9 (32)	52.9 (19)	30	*	89	*	1,194	10.9 (38)	1,198	16.2 (36)
09Bay	1,078	4.5 (27)	60.8 (13)	597	16.2 (11)	57.5 (40)	33	*	86	*	1,360	8.8 (17)	1,361	14.7 (26)
10Gr Trav	898	5.6 (45)	55.5 (2)	631	16.0 (9)	54.2 (26)	50	*	83	*	1,019	7.8 (7)	1,024	12.1 (7)
11Berrien	1,865	4.8 (35)	62.2 (27)	1,276	17.8 (25)	53.9 (25)	131	36.6 (9)	242	21.5 (11)	1,942	9.0 (19)	1,948	18.3 (41)
12BHS	1,893	5.4 (42)	60.9 (14)	950	17.5 (21)	54.5 (31)	176	31.3 (4)	302	25.8 (19)	2,530	10.0 (32)	2,534	11.2 (6)
13Calhoun	2,310	4.2 (19)	62.3 (28)	1,653	17.8 (25)	54.4 (27)	72	*	90	*	2,518	7.1 (5)	2,519	11.1 (5)
14Leelanau	242	4.5 (27)	54.5 (1)	136	13.2 (4)	50.0 (7)	15	*	41	*	286	5.6 (1)	286	12.9 (12)
15Intercar	3,973	4.6 (32)	61.5 (20)	1,679	21.6 (42)	51.1 (11)	700	29.9 (3)	1,317	23.9 (18)	5,985	10.7 (37)	5,991	12.5 (9)
17Chippewa	455	3.1 (1)	60.2 (10)	313	16.6 (15)	54.6 (32)	33	*	72	*	466	12.0 (46)	466	8.6 (1)
19Mid-Mich	1,673	3.2 (3)	66.0 (45)	1,119	16.3 (12)	54.4 (27)	40	*	155	9.0 (1)	1,779	11.8 (45)	1,781	14.4 (22)
21Delta	766	3.3 (5)	62.1 (25)	557	22.4 (44)	48.7 (4)	79	*	163	20.2 (10)	741	9.3 (21)	742	15.5 (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.

WIC PNSS & PedNSS

Run Date: 6/28/2024

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2021 - 2023 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)
22Iron	361	5.3 (41)	63.2 (34)	181	17.7 (23)	51.4 (12)	0	*	7	*	494	5.7 (2)	494	15.2 (32)
25Genesee	5,203	4.5 (27)	61.2 (18)	2,456	19.7 (37)	52.9 (19)	129	41.1 (12)	415	28.2 (22)	6,673	9.4 (23)	6,682	17.3 (40)
30HDI	1,191	4.4 (25)	65.8 (44)	471	18.7 (30)	47.3 (3)	26	*	90	*	1,832	8.1 (10)	1,831	16.1 (35)
32Huron	345	4.9 (36)	67.0 (46)	221	19.5 (36)	58.4 (42)	42	*	78	*	388	11.1 (40)	388	14.4 (22)
33Ingham	4,397	3.5 (7)	61.4 (19)	2,810	17.3 (20)	55.5 (34)	136	34.6 (7)	152	17.8 (6)	5,060	7.7 (6)	5,064	13.0 (14)
35Keweenaw	54	*	*	32	*	*	1	*	2	*	67	*	67	*
37Ionia	630	4.0 (16)	64.3 (41)	470	20.6 (39)	49.8 (6)	83	*	139	10.1 (3)	778	11.3 (42)	781	19.1 (44)
38Jackson	2,088	4.5 (27)	59.7 (8)	1,382	15.2 (6)	55.7 (36)	69	*	153	19.6 (9)	2,507	9.4 (23)	2,507	14.2 (21)
39Kalamazo	2,646	4.2 (19)	62.1 (25)	1,332	14.9 (5)	57.4 (39)	54	*	175	28.6 (23)	3,184	9.4 (23)	3,187	13.5 (18)
41Kent	5,107	3.6 (9)	60.9 (14)	1,991	24.5 (45)	45.2 (1)	1,146	35.6 (8)	2,388	23.2 (14)	8,913	9.5 (26)	8,927	18.4 (42)
43DHD#10	3,741	4.5 (27)	62.6 (29)	2,382	19.4 (35)	52.4 (16)	88	*	287	16.4 (5)	4,210	10.5 (35)	4,211	16.9 (39)
44Lapeer	708	4.9 (36)	60.6 (11)	595	18.7 (30)	51.4 (12)	23	*	47	*	684	6.1 (3)	686	10.3 (4)
45Tuscola	571	4.2 (19)	63.6 (36)	330	18.5 (29)	50.0 (7)	37	*	51	*	720	11.3 (42)	720	14.7 (26)
46CAA	996	3.7 (13)	61.7 (21)	653	15.6 (7)	52.2 (15)	46	*	128	26.6 (20)	1,050	9.7 (28)	1,050	16.4 (38)
47Livingst	834	5.5 (44)	57.4 (6)	490	20.2 (38)	52.7 (18)	38	*	106	9.4 (2)	924	10.0 (32)	926	21.3 (46)
50Macomb	7,528	3.3 (5)	62.9 (32)	5,989	19.3 (34)	50.4 (9)	182	37.4 (10)	899	27.9 (21)	7,721	11.0 (39)	7,719	12.9 (12)
51DCS	1,115	3.7 (13)	62.8 (31)	855	12.4 (2)	56.3 (38)	95	*	290	23.4 (16)	1,357	8.0 (9)	1,361	12.3 (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.

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

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2021 - 2023 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)
52Marquett	540	4.4 (25)	56.7 (4)	349	18.1 (27)	61.3 (45)	5	*	38	*	601	9.3 (21)	603	12.8 (10)
56MMCAA	711	3.5 (7)	63.7 (37)	328	9.8 (1)	59.1 (43)	51	*	111	23.4 (16)	917	9.9 (31)	915	13.9 (20)
58Monroe	1,728	4.9 (36)	65.1 (43)	1,338	19.1 (33)	53.1 (22)	55	*	137	16.1 (4)	1,700	8.6 (15)	1,702	18.7 (43)
61Muskegon	3,024	3.8 (15)	63.9 (39)	2,284	18.2 (28)	53.3 (24)	45	*	55	*	3,131	9.7 (28)	3,137	19.3 (45)
63Oakland	7,544	4.3 (24)	60.6 (11)	4,654	16.7 (16)	51.8 (14)	272	43.8 (13)	721	30.5 (26)	8,367	7.9 (8)	8,373	13.2 (15)
73Saginaw	1,464	3.1 (1)	64.2 (40)	1,012	17.7 (23)	53.2 (23)	61	*	99	*	1,784	10.4 (34)	1,785	12.8 (10)
74St Clair	1,667	4.2 (19)	63.5 (35)	1,306	16.5 (14)	54.4 (27)	81	*	241	31.5 (27)	1,587	9.5 (26)	1,592	15.1 (31)
76Sanilac	186	5.9 (46)	58.6 (7)	29	*	*	16	*	58	*	463	8.2 (12)	463	13.4 (16)
78Shiawass	897	4.9 (36)	62.7 (30)	715	22.1 (43)	50.9 (10)	22	*	60	*	970	6.8 (4)	972	9.2 (2)
81Washtena	2,532	4.0 (16)	62.0 (23)	1,595	20.6 (39)	49.4 (5)	273	37.4 (10)	509	22.6 (13)	2,918	9.2 (20)	2,919	14.9 (29)
82Wayne	8,593	4.1 (18)	60.0 (9)	5,056	17.6 (22)	53.0 (21)	371	34.2 (5)	1,235	22.5 (12)	12,366	8.8 (17)	12,375	10.0 (3)
89Urban L	8,266	3.6 (9)	63.7 (37)	4,843	15.8 (8)	55.6 (35)	111	45.9 (14)	361	29.6 (25)	9,865	8.4 (14)	9,869	15.0 (30)
90Detroit	11,185	3.6 (9)	63.1 (33)	7,089	17.1 (18)	54.4 (27)	186	34.4 (6)	495	29.5 (24)	13,899	8.1 (10)	13,903	13.6 (19)
Michigan	107,908	4.0	62.0	65,438	17.9	53.1	5,611	33.3	13,095	23.8	131,970	9.1	132,088	14.3

(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) 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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2021 - 2023 Pregnancy Nutrition Surveillance ⁽¹⁾

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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	875	91.2 (32)	1.0 (21)	975	34.7 (11)	972	24.1 (31)	742	92.5 (21)
02LMAS	361	92.5 (21)	0.6 (7)	407	41.3 (2)	404	32.2 (13)	325	94.5 (8)
04DHD#4	848	91.7 (26)	1.2 (29)	965	30.2 (25)	965	30.2 (15)	745	95.4 (4)
05NWMCHA	1,122	93.9 (14)	0.7 (9)	1,200	27.9 (34)	1,182	34.9 (9)	885	91.2 (30)
06CMDHD	2,601	91.3 (30)	2.0 (38)	2,994	38.1 (5)	2,902	28.8 (20)	2,380	89.9 (36)
07West UP	671	92.3 (24)	1.3 (32)	809	31.3 (22)	794	39.4 (6)	596	94.0 (14)
08Barry	1,170	92.9 (18)	0.9 (17)	1,265	27.0 (35)	1,251	34.1 (11)	890	94.5 (8)
09Bay	1,204	89.9 (40)	2.1 (42)	1,427	37.8 (6)	1,414	26.4 (25)	1,109	91.9 (26)
10Gr Trav	920	91.3 (30)	2.4 (44)	1,090	29.7 (29)	1,089	29.1 (18)	786	89.8 (37)
11Berrien	1,707	83.3 (46)	1.8 (37)	2,150	29.8 (28)	1,909	23.5 (35)	1,513	91.4 (27)
12BHS	2,228	88.6 (43)	2.6 (45)	2,693	31.3 (22)	2,655	33.2 (12)	2,000	91.4 (27)
13Calhoun	2,439	96.6 (4)	0.5 (4)	2,654	32.9 (14)	2,500	29.2 (17)	1,986	92.7 (20)
14Leelanau	267	92.5 (21)	1.1 (26)	306	33.7 (13)	298	40.6 (5)	223	90.6 (34)
15Intercar	5,545	94.4 (9)	0.8 (16)	6,388	29.9 (26)	6,102	23.6 (34)	4,454	89.4 (40)
17Chippewa	458	96.7 (3)	0.7 (9)	502	34.1 (12)	492	55.7 (1)	390	94.1 (11)
19Mid-Mich	1,654	94.0 (13)	0.5 (4)	1,863	31.6 (20)	1,589	43.9 (2)	1,391	96.3 (1)
21Delta	725	94.5 (8)	0.4 (3)	802	31.2 (24)	741	29.0 (19)	584	93.8 (15)
22Iron	460	95.9 (5)	1.7 (36)	532	39.8 (3)	518	42.1 (3)	436	94.3 (10)
25Genesee	6,216	90.1 (39)	0.7 (9)	7,134	25.4 (39)	5,944	20.0 (40)	5,235	92.3 (23)
30HDI	1,732	91.5 (28)	1.1 (26)	1,891	35.9 (8)	1,885	15.4 (44)	1,509	89.0 (44)
32Huron	340	91.5 (28)	1.2 (29)	399	24.1 (41)	394	40.9 (4)	275	90.9 (31)

(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	4,398	90.7 (36)	1.0 (21)	5,246	28.3 (32)	5,026	13.2 (45)	3,878	90.3 (35)
35Keweenaw	62	*	*	69	*	69	*	55	*
37Ionia	752	94.8 (6)	0.7 (9)	820	26.6 (37)	814	22.5 (36)	575	95.8 (2)
38Jackson	2,253	91.7 (26)	1.6 (35)	2,660	37.6 (7)	2,637	23.8 (32)	2,049	89.3 (42)
39Kalamazo	2,950	91.0 (33)	0.9 (17)	3,407	31.6 (20)	3,328	19.7 (41)	2,500	88.6 (45)
41Kent	8,147	89.6 (41)	1.2 (29)	9,371	24.0 (42)	7,767	22.0 (37)	6,822	90.7 (33)
43DHD#10	3,642	90.4 (38)	2.0 (38)	4,425	38.8 (4)	4,336	26.9 (24)	3,441	89.5 (39)
44Lapeer	600	90.8 (35)	2.0 (38)	718	32.3 (16)	710	29.4 (16)	527	94.9 (7)
45Tuscola	648	92.6 (20)	1.4 (33)	735	32.1 (18)	733	25.5 (27)	545	90.8 (32)
46CAA	1,006	93.0 (17)	0.2 (1)	1,162	28.6 (31)	1,157	20.3 (39)	839	93.0 (18)
47Livingst	852	91.8 (25)	2.2 (43)	973	29.9 (26)	965	37.2 (8)	692	93.6 (16)
50Macomb	7,336	94.1 (11)	0.7 (9)	7,997	25.2 (40)	6,664	9.9 (46)	5,619	95.3 (6)
51DCS	1,293	92.9 (18)	0.9 (17)	1,421	23.2 (43)	788	39.0 (7)	1,004	95.7 (3)
52Marquett	542	93.4 (15)	2.0 (38)	634	35.6 (9)	543	27.8 (22)	499	95.4 (4)
56MMCAA	859	94.1 (11)	1.4 (33)	946	26.7 (36)	941	24.8 (28)	666	94.1 (11)
58Monroe	1,610	92.5 (21)	1.0 (21)	1,826	28.1 (33)	1,608	27.2 (23)	1,288	93.2 (17)
61Muskegon	2,903	90.9 (34)	1.0 (21)	3,311	34.8 (10)	3,085	23.7 (33)	2,518	93.0 (18)
63Oakland	7,924	94.3 (10)	0.7 (9)	8,937	25.6 (38)	8,109	24.4 (29)	6,275	92.2 (24)
73Saginaw	1,660	90.7 (36)	0.7 (9)	1,849	32.2 (17)	1,811	28.3 (21)	1,377	92.1 (25)
74St Clair	1,269	88.7 (42)	2.6 (45)	1,746	42.4 (1)	1,730	26.1 (26)	1,393	89.4 (40)
76Sanilac	452	98.5 (1)	0.2 (1)	496	32.5 (15)	489	32.1 (14)	375	94.1 (11)

(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.

WIC PNSS & PedNSS

Run Date: 6/28/2024

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2021 - 2023 Pregnancy Nutrition Surveillance (1)

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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	932	96.8 (2)	0.6 (7)	1,027	32.1 (18)	269	34.9 (9)	736	85.1 (46)
81Washtena	2,762	93.3 (16)	1.0 (21)	3,170	29.4 (30)	3,131	18.2 (42)	2,375	92.4 (22)
82Wayne	11,923	94.7 (7)	0.5 (4)	13,173	22.7 (44)	11,090	20.8 (38)	9,532	89.6 (38)
89Urban L	9,432	86.5 (45)	0.9 (17)	10,289	20.9 (45)	8,391	24.4 (29)	7,001	89.1 (43)
90Detroit	13,348	87.2 (44)	1.1 (26)	14,465	20.0 (46)	11,473	16.4 (43)	9,737	91.4 (27)
Michigan	123,165	91.4	1.0	139,456	27.5	123,767	23.1	100,835	91.3

(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) 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 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	745	34.2 (43)	893	17.7 (40)	237	36.3 (30)	742	16.2 (45)	930	7.7 (44)
02LMAS	323	39.0 (45)	372	20.4 (46)	114	36.8 (28)	324	16.4 (46)	382	11.5 (46)
04DHD#4	748	33.6 (42)	886	16.9 (39)	227	37.4 (26)	745	12.9 (39)	913	6.8 (39)
05NWMCHA	899	28.6 (31)	1,153	15.4 (37)	235	31.1 (34)	883	13.5 (42)	1,167	7.4 (43)
06CMDHD	2,393	29.6 (33)	2,794	17.7 (40)	659	26.1 (40)	2,380	15.1 (43)	2,856	8.8 (45)
07West UP	601	32.8 (40)	728	20.3 (45)	173	33.5 (33)	596	11.7 (34)	734	5.6 (30)
08Barry	907	24.3 (24)	1,201	10.7 (22)	197	46.7 (13)	888	10.0 (28)	1,204	4.7 (25)
09Bay	1,124	29.5 (32)	1,347	13.7 (30)	311	36.7 (29)	1,109	11.5 (33)	1,360	5.7 (31)
10Gr Trav	811	32.1 (38)	1,000	13.2 (29)	230	43.0 (19)	786	9.4 (25)	1,030	6.3 (34)
11Berrien	1,520	22.9 (18)	1,934	10.1 (19)	313	45.7 (14)	1,513	13.4 (40)	1,944	6.9 (41)
12BHS	2,013	23.1 (19)	2,495	13.0 (28)	410	30.7 (36)	1,996	10.0 (28)	2,534	6.2 (33)
13Calhoun	2,008	22.1 (16)	2,470	7.0 (10)	396	42.9 (20)	1,983	4.1 (2)	2,509	2.8 (10)
14Leelanau	225	31.6 (37)	280	12.1 (27)	66	*	224	4.9 (9)	287	6.6 (37)
15InterCar	4,520	19.0 (12)	5,915	7.1 (11)	805	39.9 (24)	4,448	5.5 (10)	6,007	3.5 (15)
17Chippewa	389	24.4 (25)	467	19.9 (44)	87	*	388	11.1 (32)	471	4.5 (23)
19Mid-Mich	1,397	31.4 (36)	1,717	12.0 (26)	412	43.2 (17)	1,390	10.6 (30)	1,782	6.3 (34)
21Delta	598	32.1 (38)	737	19.8 (43)	169	26.6 (38)	582	12.4 (38)	742	6.3 (34)
22Iron	437	33.2 (41)	488	18.2 (42)	129	26.4 (39)	435	6.2 (13)	495	3.2 (12)
25Genesee	5,315	20.0 (14)	6,569	8.9 (18)	936	42.6 (23)	5,236	9.2 (22)	6,663	4.3 (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) 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: 6/28/2024

Table 7F

2021 - 2023 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)	Number	% (rank)
30HDI	1,517	22.3 (17)	1,824	7.7 (12)	325	49.8 (7)	1,508	12.0 (35)	1,832	5.8 (32)
32Huron	283	30.0 (34)	387	15.0 (36)	79	*	275	12.0 (35)	387	4.7 (25)
33Ingham	3,950	17.4 (11)	5,058	6.9 (9)	647	49.1 (8)	3,873	5.9 (11)	5,067	2.7 (8)
35Keweenaw	55	*	67	*	33	*	55	*	67	*
37Ionia	589	27.7 (30)	755	14.6 (34)	147	23.8 (42)	574	12.2 (37)	782	3.8 (18)
38Jackson	2,081	24.2 (23)	2,514	14.0 (32)	460	30.9 (35)	2,049	9.3 (24)	2,510	4.6 (24)
39Kalamazo	2,526	19.6 (13)	3,156	8.8 (17)	449	37.6 (25)	2,496	6.3 (14)	3,191	3.7 (16)
41Kent	6,914	11.2 (6)	8,889	5.2 (7)	731	45.3 (15)	6,742	4.4 (6)	8,912	2.0 (1)
43DHD#10	3,473	27.1 (29)	4,119	14.6 (34)	855	29.5 (37)	3,437	10.9 (31)	4,214	7.2 (42)
44Lapeer	534	23.4 (20)	679	14.3 (33)	117	42.7 (22)	527	6.6 (15)	685	2.0 (1)
45Tuscola	554	31.2 (35)	718	13.9 (31)	169	49.1 (8)	545	15.2 (44)	721	6.8 (39)
46CAA	857	23.7 (21)	1,051	10.6 (21)	171	43.9 (16)	839	8.7 (21)	1,053	5.1 (28)
47Livingst	704	24.0 (22)	905	8.2 (15)	153	49.0 (10)	692	7.1 (17)	927	4.1 (21)
50Macomb	5,724	8.9 (1)	7,709	3.7 (5)	450	42.9 (20)	5,611	4.2 (4)	7,699	2.2 (5)
51DCS	1,018	11.1 (5)	1,349	3.8 (6)	108	60.2 (3)	999	4.8 (8)	1,357	2.1 (3)
52Marquett	502	43.4 (46)	576	16.5 (38)	206	37.4 (26)	497	8.5 (20)	614	3.7 (16)
56MMCAA	677	26.9 (28)	888	11.0 (23)	165	34.5 (32)	665	6.0 (12)	916	3.1 (11)
58Monroe	1,298	26.6 (27)	1,672	11.0 (23)	329	43.2 (17)	1,277	9.8 (26)	1,680	5.2 (29)
61Muskegon	2,555	21.7 (15)	3,113	10.5 (20)	505	35.6 (31)	2,521	9.2 (22)	3,160	4.7 (25)

(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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2021 - 2023 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	6,411	9.3 (2)	8,333	3.3 (3)	539	47.7 (11)	6,261	3.8 (1)	8,374	2.2 (5)
73Saginaw	1,388	26.0 (26)	1,739	8.3 (16)	342	51.5 (6)	1,375	9.9 (27)	1,787	3.9 (19)
74St Clair	1,404	34.5 (44)	1,572	11.8 (25)	421	46.8 (12)	1,393	13.4 (40)	1,603	6.7 (38)
76Sanilac	379	12.7 (7)	456	7.7 (12)	45	*	374	6.7 (16)	463	3.9 (19)
78Shiawass	747	14.9 (9)	961	7.7 (12)	104	24.0 (41)	731	4.4 (6)	962	3.3 (14)
81Washtena	2,419	15.2 (10)	2,904	5.2 (7)	303	54.8 (5)	2,375	4.3 (5)	2,914	2.1 (3)
82Wayne	9,742	9.4 (3)	12,358	3.4 (4)	771	55.4 (4)	9,529	4.1 (2)	12,380	2.4 (7)
89Urban L	7,124	12.9 (8)	9,872	3.1 (2)	831	67.6 (1)	6,983	7.3 (18)	9,887	3.2 (12)
90Detroit	9,885	10.1 (4)	13,937	2.9 (1)	944	60.9 (2)	9,729	7.4 (19)	13,940	2.7 (8)
Michigan	102,357	17.7	131,072	7.4	16,505	43.2	100,645	7.4	132,152	3.8

(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) 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

Run Date: 6/28/2024

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2021 - 2023 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	856	8.6 (14)	10.2 (44)	881	11.2 (14)	753	4.6 (27)	854	75.3 (32)
02LMAS	351	8.3 (10)	8.0 (34)	365	11.5 (19)	309	5.2 (35)	350	81.4 (13)
04DHD#4	871	9.8 (24)	8.6 (40)	880	11.8 (23)	751	4.7 (29)	873	80.8 (18)
05NWMCHA	1,012	8.3 (10)	8.1 (37)	1,122	9.6 (4)	907	3.4 (9)	1,087	85.6 (4)
06CMDHD	2,646	9.1 (20)	7.4 (28)	2,752	10.4 (7)	2,357	4.9 (32)	2,647	79.1 (24)
07West UP	686	6.4 (3)	7.9 (33)	716	11.2 (14)	610	2.6 (6)	691	84.4 (7)
08Barry	1,122	11.1 (33)	7.1 (24)	1,181	14.4 (41)	961	4.0 (17)	1,136	83.6 (10)
09Bay	1,257	10.5 (29)	8.2 (38)	1,321	11.7 (21)	1,110	4.1 (21)	1,259	72.0 (36)
10Gr Trav	961	8.9 (18)	9.9 (42)	991	11.3 (17)	844	4.0 (17)	970	90.2 (1)
11Berrien	1,820	10.3 (28)	6.4 (16)	1,886	12.0 (27)	1,581	5.4 (40)	1,825	72.2 (35)
12BHS	2,373	8.6 (14)	8.5 (39)	2,460	11.9 (25)	2,063	4.2 (23)	2,388	81.4 (13)
13Calhoun	2,355	9.8 (24)	6.7 (22)	2,428	10.6 (9)	2,084	4.9 (32)	2,367	78.9 (25)
14Leelanau	268	7.1 (6)	10.8 (46)	276	7.6 (1)	246	4.1 (21)	269	89.6 (2)
15Intercar	5,451	10.1 (27)	7.3 (26)	5,795	13.0 (33)	4,718	3.7 (14)	5,642	81.0 (17)
17Chippewa	435	6.2 (2)	10.6 (45)	456	8.8 (2)	393	2.3 (4)	436	81.2 (15)
19Mid-Mich	1,672	10.9 (32)	6.0 (10)	1,719	13.5 (35)	1,431	3.4 (9)	1,679	84.7 (6)
21Delta	692	6.5 (5)	7.5 (29)	720	9.4 (3)	621	2.4 (5)	691	77.1 (31)
22Iron	471	6.4 (3)	6.6 (20)	480	11.9 (25)	414	1.7 (3)	467	82.2 (12)
25Genesee	6,381	12.9 (43)	5.7 (8)	6,555	13.7 (38)	5,470	6.2 (43)	6,396	65.2 (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) <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

Run Date: 6/28/2024

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2021 - 2023 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	1,699	12.9 (43)	5.4 (6)	1,756	14.7 (43)	1,449	4.8 (31)	1,699	67.0 (42)
32Huron	365	7.4 (7)	9.9 (42)	375	10.7 (10)	325	1.5 (1)	364	80.2 (21)
33Ingham	4,711	10.7 (30)	6.1 (11)	4,901	13.2 (34)	4,086	4.0 (17)	4,751	82.4 (11)
35Keweenaw	56	*	*	61	*	47	*	57	*
37Ionia	737	8.4 (13)	7.3 (26)	762	11.2 (14)	650	3.4 (9)	739	87.1 (3)
38Jackson	2,335	11.5 (35)	7.5 (29)	2,435	12.6 (30)	2,038	5.2 (35)	2,344	77.6 (28)
39Kalamazo	2,957	11.4 (34)	6.6 (20)	3,089	12.9 (31)	2,561	5.0 (34)	2,980	77.5 (29)
41Kent	8,365	12.5 (41)	5.6 (7)	8,718	14.7 (43)	7,124	5.5 (41)	8,486	77.7 (26)
43DHD#10	3,912	9.8 (24)	7.6 (31)	4,024	12.4 (29)	3,382	4.3 (24)	3,924	83.8 (8)
44Lapeer	639	8.6 (14)	8.0 (34)	662	10.9 (11)	565	4.4 (25)	641	80.8 (18)
45Tuscola	676	5.2 (1)	8.0 (34)	702	11.1 (13)	604	1.5 (1)	677	81.2 (15)
46CAA	992	9.0 (19)	6.4 (16)	1,036	11.4 (18)	879	3.6 (13)	991	79.4 (23)
47Livingst	882	11.5 (35)	6.5 (18)	900	13.9 (40)	756	4.5 (26)	881	83.7 (9)
50Macomb	7,292	12.8 (42)	5.0 (3)	7,433	14.4 (41)	6,170	6.2 (43)	7,333	71.3 (39)
51DCS	1,316	8.8 (17)	5.2 (5)	1,316	12.2 (28)	1,140	3.0 (7)	1,323	77.7 (26)
52Marquett	587	8.0 (9)	7.2 (25)	590	10.0 (5)	521	4.0 (17)	590	80.8 (18)
56MMCAA	857	8.3 (10)	9.2 (41)	890	10.3 (6)	769	3.3 (8)	859	79.7 (22)
58Monroe	1,613	9.1 (20)	7.0 (23)	1,653	11.0 (12)	1,434	3.7 (14)	1,612	71.7 (38)
61Muskegon	2,961	11.6 (37)	6.5 (18)	3,058	13.7 (38)	2,529	5.2 (35)	2,971	70.2 (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.

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

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Run Date: 6/28/2024

Table 8F

2021 - 2023 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)
63Oakland	7,829	11.8 (38)	6.1 (11)	8,152	12.9 (31)	6,769	5.3 (38)	7,941	77.5 (29)
73Saginaw	1,690	11.9 (39)	6.1 (11)	1,736	13.6 (37)	1,459	4.7 (29)	1,692	71.8 (37)
74St Clair	1,498	9.3 (23)	7.7 (32)	1,542	11.8 (23)	1,321	3.7 (14)	1,501	73.7 (33)
76Sanilac	429	9.1 (20)	5.8 (9)	454	11.7 (21)	373	4.6 (27)	441	66.0 (43)
78Shiawass	915	7.7 (8)	6.3 (14)	951	10.5 (8)	816	3.4 (9)	919	73.6 (34)
81Washtena	2,692	12.1 (40)	6.3 (14)	2,816	13.5 (35)	2,316	5.9 (42)	2,736	85.1 (5)
82Wayne	11,364	10.7 (30)	5.1 (4)	12,030	11.5 (19)	9,990	5.3 (38)	11,708	69.0 (41)
89Urban L	9,100	14.9 (46)	3.8 (1)	9,540	16.7 (46)	7,452	7.4 (46)	9,211	61.7 (45)
90Detroit	13,082	14.3 (45)	4.2 (2)	13,601	14.9 (45)	11,060	7.3 (45)	13,241	56.1 (46)
Michigan	123,246	11.5	6.0	128,228	13.2	106,221	5.2	124,658	49.0

(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.