

WIC PNSS & PedNSS

Run Date: 5/29/2024

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2022 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	315	92.4	0.3	3.2	0.0	0.0	4.1	0.0
02LMAS	130	71.5	0.0	1.5	8.5	0.0	18.5	0.0
04DHD#4	353	89.5	1.4	3.1	0.3	0.3	5.4	0.0
05NWMCHA	406	89.9	1.0	2.7	0.5	0.2	5.4	0.2
06CMDHD	1,037	87.9	1.9	5.0	1.9	0.4	2.8	0.0
07West UP	261	87.4	2.3	3.1	0.4	0.8	5.7	0.4
08Barry	446	86.1	4.0	6.7	0.2	1.6	1.3	0.0
09Bay	495	81.6	2.2	8.9	0.2	0.2	6.5	0.4
10Gr Trav	368	81.0	1.1	9.2	1.6	0.8	5.7	0.5
11Berrien	734	51.6	30.4	9.1	0.5	1.6	5.6	1.1
12BHS	920	78.5	1.6	15.0	0.3	0.4	3.6	0.5
13Calhoun	930	61.9	19.9	7.4	0.2	3.8	6.6	0.2
14Leelanau	96	*	*	*	*	*	*	*
15Interkar	2,219	61.1	4.6	27.7	0.0	1.3	4.5	0.9
17Chippewa	172	59.9	0.6	1.2	20.9	0.6	16.9	0.0
19Mid-Mich	635	89.3	0.0	8.0	0.0	0.0	2.4	0.3
21Delta	259	79.9	1.2	4.6	4.6	0.0	7.3	2.3
22Iron	184	94.0	0.0	2.7	0.0	1.1	1.6	0.5
25Genesee	2,470	52.1	35.1	6.7	0.0	0.2	5.6	0.3
30HDI	609	42.2	25.1	17.4	0.2	0.3	14.6	0.2
32Huron	135	89.6	0.7	5.9	0.0	0.7	1.5	1.5
33Ingham	1,830	42.7	26.7	16.6	0.1	6.0	7.7	0.2
35Keweenaw	31	*	*	*	*	*	*	*

(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 %
37Ionia	276	90.2	0.0	6.2	0.0	0.0	3.6	0.0
38Jackson	887	72.7	12.1	7.4	0.1	0.5	7.1	0.1
39Kalamazo	1,098	47.2	35.1	9.3	0.0	1.0	6.9	0.5
41Kent	3,183	31.5	27.8	30.8	0.3	4.7	4.6	0.3
43DHD#10	1,535	80.0	1.9	12.8	0.2	0.1	4.3	0.6
44Lapeer	231	87.4	1.3	6.1	0.0	0.9	4.3	0.0
45Tuscola	251	92.8	0.8	4.8	0.0	0.0	1.6	0.0
46CAA	408	72.1	2.2	18.9	0.5	0.7	5.1	0.5
47Livingst	338	88.8	2.1	3.0	0.0	1.5	3.8	0.9
50Macomb	2,842	45.2	35.9	3.6	0.1	10.5	4.5	0.2
51DCS	451	64.7	13.3	15.5	0.2	1.1	5.1	0.0
52Marquett	230	87.0	0.9	2.6	3.5	0.0	4.8	1.3
56MMCAA	327	84.7	2.8	7.6	0.0	0.6	4.3	0.0
58Monroe	664	82.5	6.8	6.9	0.0	0.2	2.9	0.8
61Muskegon	1,167	57.8	24.9	10.9	0.4	0.4	5.5	0.1
63Oakland	3,072	43.8	35.8	13.6	0.1	2.9	3.5	0.2
73Saginaw	606	46.4	30.0	16.0	0.5	0.5	6.6	0.0
74St Clair	629	80.1	5.2	5.1	0.0	0.5	8.6	0.5
76Sanilac	180	92.8	0.0	5.6	0.0	0.0	1.7	0.0
78Shiawass	366	92.9	0.3	3.8	0.0	0.0	2.7	0.3
81Washtena	1,109	38.4	37.2	13.0	0.0	3.5	7.3	0.5
82Wayne	4,510	59.7	25.6	5.4	0.1	5.8	3.2	0.2
89Urban L	3,648	17.8	72.8	5.3	0.0	1.3	2.7	0.1

(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	4,842	10.0	67.5	18.3	0.1	1.6	2.2	0.3
Michigan	47,919	51.7	28.7	11.8	0.4	2.6	4.6	0.3
National (Prior Year)	66,073	48.2	27.8	15.1	1.9	2.8	4.0	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	315	0.0	2.9	9.8	56.5	28.6	1.9	0.3
02LMAS	130	0.0	1.5	6.9	55.4	33.1	2.3	0.8
04DHD#4	353	0.0	2.0	7.1	61.8	28.3	0.8	0.0
05NWMCHA	406	0.0	1.2	7.1	59.4	30.0	2.2	0.0
06CMDHD	1,037	0.2	1.8	6.2	64.2	25.8	1.0	0.8
07West UP	261	0.4	1.1	8.0	61.7	27.2	1.5	0.0
08Barry	446	0.0	2.2	8.7	61.0	24.4	1.8	1.8
09Bay	495	0.0	3.2	9.3	57.6	27.7	1.0	1.2
10Gr Trav	368	0.3	1.6	5.2	55.7	35.3	1.9	0.0
11Berrien	734	0.0	2.2	9.8	56.5	27.7	2.0	1.8
12BHS	920	0.1	2.1	7.9	61.0	25.2	3.0	0.7
13Calhoun	930	0.0	2.8	8.0	59.9	26.8	1.5	1.1
14Leelanau	96	*	*	*	*	*	*	*
15InterCar	2,219	0.0	2.0	6.5	59.4	29.5	1.5	1.1
17Chippewa	172	0.0	1.7	5.2	61.6	30.2	0.6	0.6
19Mid-Mich	635	0.0	2.2	7.4	64.7	23.1	1.4	1.1
21Delta	259	0.4	1.2	8.9	60.6	27.8	1.2	0.0
22Iron	184	0.5	1.1	3.8	65.2	28.3	1.1	0.0
25Genesee	2,470	0.2	1.7	6.7	62.4	27.0	1.5	0.5
30HDI	609	0.0	0.3	8.9	62.2	25.1	1.8	1.6
32Huron	135	0.0	0.7	5.2	62.2	30.4	1.5	0.0
33Ingham	1,830	0.1	1.7	5.4	60.5	29.4	2.0	0.9
35Keweenaw	31	*	*	*	*	*	*	*
37Ionia	276	0.4	1.4	5.4	63.4	26.8	1.4	1.1

(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	887	0.2	2.4	6.8	61.7	26.5	1.2	1.2
39Kalamazo	1,098	0.1	2.0	8.3	58.2	28.0	2.6	0.9
41Kent	3,183	0.2	1.4	5.7	57.3	31.2	3.1	1.2
43DHD#10	1,535	0.0	2.1	8.0	62.5	24.1	1.7	1.5
44Lapeer	231	0.0	0.9	4.3	64.5	27.7	1.7	0.9
45Tuscola	251	0.0	2.0	6.0	65.7	23.9	2.0	0.4
46CAA	408	0.0	1.0	5.4	63.7	27.5	1.0	1.5
47Livingst	338	0.0	0.9	3.8	58.6	33.7	2.1	0.9
50Macomb	2,842	0.0	0.8	3.3	55.5	37.5	2.6	0.2
51DCS	451	0.0	0.7	3.5	59.0	34.4	2.2	0.2
52Marquett	230	0.0	0.9	4.8	63.0	29.1	2.2	0.0
56MMCAA	327	0.0	0.6	4.3	66.4	27.8	0.9	0.0
58Monroe	664	0.0	1.2	6.6	64.8	25.3	1.4	0.8
61Muskegon	1,167	0.0	2.7	7.7	61.1	26.3	1.5	0.8
63Oakland	3,072	0.0	0.7	4.0	55.9	36.1	2.9	0.4
73Saginaw	606	0.5	2.1	6.1	58.7	30.7	1.3	0.5
74St Clair	629	0.0	1.3	9.2	59.6	27.8	1.1	1.0
76Sanilac	180	0.0	1.7	6.1	66.1	25.6	0.6	0.0
78Shiawass	366	0.3	2.2	6.0	64.5	25.4	1.6	0.0
81Washtena	1,109	0.0	1.5	5.0	55.5	34.4	3.2	0.4
82Wayne	4,510	0.1	1.1	3.7	56.3	35.2	3.3	0.3
89Urban L	3,648	0.1	2.0	5.5	56.1	33.1	2.7	0.6
90Detroit	4,842	0.2	2.0	5.9	54.5	33.6	3.0	0.9

(1) Reporting period is January 1 through December 31

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Comparison of Age Distribution by Local Agency

Michigan	47,924	0.1	1.6	5.9	58.5	30.8	2.3	0.7
National (Prior Year)	66,076	0.1	2.1	6.2	58.9	30.1	2.4	0.3

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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)
01DHD#2	264	4.2 (21)	65.2 (41)	132	12.9 (5)	62.1 (36)	20	*	25	*	292	8.6 (16)	291	15.5 (27)
02LMAS	112	5.4 (36)	59.8 (9)	77	*	*	13	*	23	*	122	12.3 (40)	122	13.9 (19)
04DHD#4	299	5.0 (32)	59.9 (10)	97	*	*	17	*	26	*	319	11.6 (38)	319	13.2 (15)
05NWMCHA	298	3.4 (6)	60.1 (11)	76	*	*	65	*	83	*	390	7.7 (10)	390	12.8 (12)
06CMDHD	810	3.7 (14)	63.1 (27)	476	15.8 (9)	54.2 (27)	44	*	82	*	977	9.7 (24)	977	16.9 (36)
07West UP	221	5.4 (36)	56.1 (3)	148	16.2 (10)	48.0 (4)	7	*	14	*	240	12.1 (39)	240	14.2 (20)
08Barry	270	4.8 (30)	62.2 (23)	98	*	*	6	*	2	*	417	13.7 (43)	419	16.5 (33)
09Bay	352	6.5 (43)	58.5 (6)	160	12.5 (4)	54.4 (29)	10	*	17	*	471	8.5 (15)	471	14.4 (23)
10Gr Trav	298	5.4 (36)	54.0 (1)	211	12.3 (3)	55.9 (32)	10	*	18	*	341	6.7 (5)	342	13.7 (17)
11Berrien	647	4.5 (28)	61.8 (19)	451	18.4 (18)	51.9 (16)	28	*	72	*	645	9.0 (21)	646	17.8 (39)
12BHS	654	5.7 (41)	61.5 (16)	336	16.7 (12)	53.0 (22)	35	*	77	*	847	8.7 (17)	848	11.0 (5)
13Calhoun	782	4.2 (21)	63.4 (32)	566	19.8 (24)	53.2 (24)	12	*	6	*	858	5.6 (1)	859	11.2 (6)
14Leelanau	78	*	*	39	*	*	5	*	19	*	92	*	92	*
15Intercar	1,375	5.3 (35)	63.2 (29)	576	21.4 (28)	50.3 (8)	295	29.2 (1)	520	23.8 (1)	2,044	10.3 (31)	2,048	12.8 (12)
17Chippewa	160	3.8 (16)	58.1 (5)	107	26.2 (35)	50.5 (10)	16	*	24	*	157	11.5 (37)	157	7.0 (1)
19Mid-Mich	544	2.9 (4)	63.2 (29)	352	14.8 (6)	56.0 (33)	6	*	19	*	596	11.4 (36)	597	12.6 (10)
21Delta	233	3.9 (17)	64.4 (36)	162	22.8 (31)	50.6 (11)	26	*	60	*	231	10.0 (27)	231	18.2 (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) 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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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	118	4.2 (21)	59.3 (8)	55	*	*	0	*	0	*	166	6.6 (4)	166	12.7 (11)
25Genesee	1,765	3.3 (5)	62.9 (25)	887	19.7 (23)	53.9 (26)	10	*	17	*	2,294	9.5 (23)	2,296	17.7 (37)
30HDI	308	3.6 (9)	64.6 (38)	88	*	*	0	*	2	*	588	8.2 (12)	588	16.8 (35)
32Huron	110	2.7 (3)	70.9 (44)	78	*	*	18	*	25	*	126	14.3 (45)	126	15.9 (29)
33Ingham	1,482	3.6 (9)	60.6 (12)	840	16.8 (13)	53.0 (22)	28	*	18	*	1,747	6.9 (6)	1,748	13.0 (14)
35Keweenaw	22	*	*	14	*	*	0	*	0	*	30	*	30	*
37Ionia	203	5.4 (36)	63.1 (27)	146	23.3 (33)	47.3 (3)	23	*	42	*	253	14.2 (44)	253	19.0 (43)
38Jackson	740	4.2 (21)	61.1 (15)	478	15.7 (7)	56.5 (35)	19	*	23	*	823	9.7 (24)	820	15.7 (28)
39Kalamazo	827	5.1 (34)	60.6 (12)	421	17.1 (16)	52.5 (19)	0	*	4	*	1,020	10.1 (29)	1,020	13.2 (15)
41Kent	1,650	3.5 (8)	59.0 (7)	635	23.0 (32)	45.7 (2)	478	36.0 (2)	751	24.8 (2)	2,969	10.0 (27)	2,973	18.1 (40)
43DHD#10	1,263	3.6 (9)	62.9 (25)	823	20.7 (27)	50.3 (8)	19	*	32	*	1,417	10.1 (29)	1,416	16.1 (31)
44Lapeer	219	5.0 (32)	64.4 (36)	184	26.6 (36)	52.7 (21)	0	*	4	*	222	5.9 (2)	222	7.2 (2)
45Tuscola	187	4.3 (27)	61.5 (16)	91	*	*	6	*	12	*	243	12.8 (42)	243	18.5 (42)
46CAA	354	4.0 (18)	64.7 (39)	231	16.5 (11)	51.1 (13)	0	*	16	*	362	8.3 (13)	361	17.7 (37)
47Livingst	267	7.1 (44)	57.7 (4)	143	19.6 (21)	49.0 (7)	13	*	28	*	312	10.3 (31)	312	21.5 (45)
50Macomb	2,640	3.4 (6)	61.8 (19)	2,180	20.4 (26)	48.7 (6)	1	*	8	*	2,700	11.3 (34)	2,700	12.2 (8)
51DCS	335	2.1 (1)	68.1 (43)	271	12.2 (2)	55.0 (30)	32	*	55	*	427	7.5 (7)	430	12.1 (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) 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	187	6.4 (42)	54.0 (1)	121	22.3 (30)	56.2 (34)	1	*	2	*	212	12.7 (41)	210	16.2 (32)
56MMCAA	247	4.9 (31)	61.9 (22)	120	10.8 (1)	54.2 (27)	16	*	18	*	318	11.3 (34)	318	14.8 (25)
58Monroe	611	5.4 (36)	64.3 (35)	467	20.3 (25)	52.5 (19)	17	*	17	*	612	8.3 (13)	612	16.5 (33)
61Muskegon	1,058	3.6 (9)	65.7 (42)	788	18.3 (17)	53.6 (25)	8	*	6	*	1,084	8.7 (17)	1,084	20.8 (44)
63Oakland	2,598	4.1 (20)	61.7 (18)	1,666	16.9 (14)	51.3 (14)	28	*	114	30.7 (4)	2,845	7.5 (7)	2,850	14.3 (21)
73Saginaw	454	2.6 (2)	64.8 (40)	305	18.7 (19)	50.8 (12)	1	*	29	*	580	10.7 (33)	582	12.2 (8)
74St Clair	584	4.6 (29)	63.7 (33)	464	19.6 (21)	51.3 (14)	33	*	80	*	559	9.8 (26)	561	16.0 (30)
76Sanilac	47	*	*	6	*	*	4	*	14	*	166	9.0 (21)	166	15.1 (26)
78Shiawass	313	4.2 (21)	62.3 (24)	249	22.1 (29)	48.6 (5)	0	*	2	*	338	6.2 (3)	338	9.2 (3)
81Washtena	855	4.2 (21)	61.8 (19)	526	24.5 (34)	43.3 (1)	101	43.6 (3)	187	28.3 (3)	984	8.7 (17)	985	14.5 (24)
82Wayne	2,900	4.0 (18)	60.7 (14)	1,707	18.7 (19)	52.4 (18)	0	*	16	*	4,188	8.8 (20)	4,190	10.2 (4)
89Urban L	2,858	3.7 (14)	63.9 (34)	1,711	15.7 (7)	55.3 (31)	1	*	5	*	3,445	7.5 (7)	3,444	14.3 (21)
90Detroit	3,687	3.6 (9)	63.2 (29)	2,364	17.0 (15)	52.3 (17)	0	*	1	*	4,621	7.9 (11)	4,622	13.8 (18)
Michigan	36,308	4.0	62.2	22,132	18.5	51.9	1,472	31.5	2,621	25.6	44,703	9.0	44,728	14.3
National (Prior Year)	48,187	3.7	62.1	33,280	19.3	50.7	2,408	26.4	2,474	22.5	48,523	10.6	48,164	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	283	92.2 (31)	0.4 (22)	303	35.6 (10)	312	21.5 (33)	239	91.6 (28)
02LMAS	115	93.9 (16)	0.0 (1)	129	36.4 (7)	129	35.7 (9)	94	*
04DHD#4	295	93.6 (18)	0.3 (15)	343	28.9 (27)	342	31.9 (16)	265	95.8 (4)
05NWMCHA	374	92.5 (27)	0.5 (25)	392	24.2 (37)	393	38.2 (7)	282	91.8 (26)
06CMDHD	884	93.3 (21)	0.8 (37)	1,017	38.3 (4)	995	29.1 (21)	814	90.2 (35)
07West UP	216	93.5 (19)	0.5 (25)	256	30.9 (21)	255	39.6 (5)	190	92.6 (22)
08Barry	409	93.2 (23)	0.2 (11)	433	26.8 (33)	438	33.8 (12)	321	94.7 (10)
09Bay	405	91.9 (32)	1.0 (43)	488	35.9 (8)	490	29.2 (20)	384	92.4 (24)
10Gr Trav	303	93.1 (25)	0.7 (33)	358	28.2 (28)	359	32.3 (13)	244	90.6 (32)
11Berrien	566	83.7 (45)	0.5 (25)	718	33.8 (13)	695	25.0 (28)	521	91.0 (30)
12BHS	748	90.8 (35)	0.5 (25)	882	29.0 (26)	891	34.8 (10)	648	92.7 (21)
13Calhoun	833	97.1 (5)	0.2 (11)	902	32.5 (15)	900	32.0 (14)	667	92.2 (25)
14Leelanau	88	*	*	95	*	91	*	63	*
15InterCar	1,890	94.3 (15)	0.5 (25)	2,177	27.7 (29)	2,110	20.9 (36)	1,474	90.5 (34)
17Chippewa	158	94.9 (10)	0.0 (1)	168	23.8 (38)	162	61.7 (1)	128	94.5 (13)
19Mid-Mich	533	93.2 (23)	0.2 (11)	620	31.8 (16)	519	41.8 (3)	463	96.5 (1)
21Delta	228	92.5 (27)	0.4 (22)	253	31.2 (20)	237	26.2 (25)	169	94.1 (14)
22Iron	154	97.4 (2)	0.6 (31)	178	44.4 (1)	176	34.7 (11)	148	93.9 (15)
25Genesee	2,129	90.6 (36)	0.4 (22)	2,411	23.8 (38)	2,005	20.5 (37)	1,756	92.8 (19)
30HDI	547	91.2 (34)	0.5 (25)	596	32.9 (14)	600	13.0 (43)	463	87.5 (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) 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	113	95.6 (7)	0.9 (40)	132	23.5 (41)	131	41.2 (4)	84	*
33Ingham	1,526	90.4 (37)	0.8 (37)	1,810	26.6 (34)	1,741	13.5 (42)	1,331	90.8 (31)
35Keweenaw	26	*	*	30	*	31	*	24	*
37Ionia	244	95.5 (8)	0.0 (1)	271	27.3 (31)	273	27.1 (24)	191	95.3 (7)
38Jackson	721	91.5 (33)	0.1 (8)	871	35.9 (8)	880	25.9 (26)	677	87.7 (41)
39Kalamazo	938	90.0 (39)	0.3 (15)	1,072	31.8 (16)	1,066	18.6 (39)	790	88.7 (40)
41Kent	2,708	89.5 (41)	0.8 (37)	3,115	24.8 (36)	2,696	21.2 (34)	2,250	89.9 (36)
43DHD#10	1,220	89.9 (40)	0.9 (40)	1,490	37.8 (5)	1,494	29.3 (18)	1,145	91.3 (29)
44Lapeer	194	88.1 (42)	1.5 (45)	225	31.6 (18)	227	28.6 (22)	156	95.5 (6)
45Tuscola	224	95.5 (8)	0.0 (1)	244	27.5 (30)	250	31.2 (17)	173	89.6 (37)
46CAA	354	93.8 (17)	0.3 (15)	396	29.8 (24)	402	16.9 (40)	276	94.6 (12)
47Livingst	284	95.8 (6)	0.7 (33)	326	29.8 (24)	332	38.9 (6)	226	94.7 (10)
50Macomb	2,552	94.6 (13)	0.3 (15)	2,764	25.2 (35)	2,356	6.2 (44)	1,954	95.6 (5)
51DCS	412	92.5 (27)	0.2 (11)	437	21.5 (43)	229	44.1 (2)	297	96.3 (3)
52Marquett	183	97.3 (3)	0.0 (1)	222	37.8 (5)	199	36.2 (8)	171	95.3 (7)
56MMCAA	300	94.7 (12)	0.7 (33)	320	30.9 (21)	326	23.3 (31)	231	94.8 (9)
58Monroe	562	93.4 (20)	0.7 (33)	654	30.4 (23)	620	22.9 (32)	474	93.0 (17)
61Muskegon	989	92.5 (27)	0.3 (15)	1,141	35.2 (11)	1,118	23.4 (30)	869	92.5 (23)
63Oakland	2,698	94.5 (14)	0.1 (8)	2,979	23.8 (38)	2,897	25.8 (27)	2,030	92.9 (18)
73Saginaw	538	92.8 (26)	0.0 (1)	597	31.3 (19)	593	29.3 (18)	426	93.7 (16)
74St Clair	436	90.4 (37)	1.4 (44)	614	42.3 (2)	617	27.6 (23)	488	90.6 (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) 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	161	100.0 (1)	0.0 (1)	176	39.8 (3)	178	32.0 (14)	143	96.5 (1)
78Shiawass	328	97.3 (3)	0.3 (15)	356	34.0 (12)	45	*	267	85.4 (43)
81Washtena	934	93.3 (21)	0.1 (8)	1,088	27.2 (32)	1,081	19.1 (38)	817	92.8 (19)
82Wayne	3,997	94.8 (11)	0.3 (15)	4,412	22.3 (42)	3,959	21.0 (35)	3,241	89.4 (38)
89Urban L	3,280	87.0 (44)	0.6 (31)	3,564	19.7 (44)	2,928	24.5 (29)	2,397	89.4 (38)
90Detroit	4,436	87.5 (43)	0.9 (40)	4,740	18.5 (45)	3,826	16.4 (41)	3,139	91.7 (27)
Michigan	41,530	91.7	0.5	46,804	26.8	42,624	23.1	33,621	91.6
National (Prior Year)	53,284	81.8	3.2	52,379	24.5	48,576	23.1	44,162	92.4

(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.

* 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	239	37.2 (42)	281	18.1 (40)	82	*	239	13.0 (41)	294	7.5 (40)
02LMAS	94	*	120	20.8 (43)	28	*	94	*	122	9.8 (45)
04DHD#4	263	33.1 (38)	309	16.2 (37)	80	*	265	10.9 (35)	319	6.9 (37)
05NWMCHA	281	31.3 (35)	389	17.2 (38)	85	*	281	12.8 (40)	392	7.9 (44)
06CMDHD	811	30.3 (33)	957	17.9 (39)	235	26.8 (22)	813	12.7 (39)	976	7.6 (42)
07West UP	190	32.1 (37)	240	20.0 (42)	54	*	190	8.9 (29)	240	6.7 (36)
08Barry	319	20.1 (13)	419	9.1 (18)	63	*	320	12.2 (38)	419	3.8 (20)
09Bay	383	28.7 (30)	461	10.2 (23)	106	42.5 (11)	384	9.1 (30)	468	5.8 (33)
10Gr Trav	243	33.7 (39)	334	15.6 (36)	72	*	244	6.6 (20)	343	7.0 (38)
11Berrien	519	21.8 (20)	640	10.0 (21)	101	39.6 (13)	520	11.0 (36)	645	7.8 (43)
12BHS	647	22.3 (21)	840	14.4 (35)	128	30.5 (19)	647	6.3 (18)	848	5.1 (30)
13Calhoun	666	21.3 (19)	846	6.5 (10)	119	38.7 (15)	667	2.7 (3)	856	3.4 (18)
14Leelanau	64	*	91	*	16	*	64	*	93	*
15InterCar	1,466	18.8 (11)	2,028	7.5 (14)	258	39.1 (14)	1,470	4.7 (15)	2,052	3.0 (12)
17Chippewa	128	29.7 (32)	159	21.4 (45)	34	*	127	11.8 (37)	158	3.2 (15)
19Mid-Mich	460	31.5 (36)	570	9.1 (18)	135	50.4 (5)	463	7.1 (22)	597	5.0 (28)
21Delta	168	35.1 (40)	232	21.1 (44)	55	*	168	10.7 (34)	231	6.1 (34)
22Iron	148	31.1 (34)	163	18.4 (41)	40	*	147	3.4 (7)	167	4.2 (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.

* 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	1,755	20.3 (14)	2,266	8.2 (15)	322	42.9 (10)	1,757	7.3 (23)	2,296	4.0 (23)
30HDI	463	20.5 (16)	581	9.0 (17)	93	*	463	9.7 (31)	586	4.3 (26)
32Huron	84	*	125	13.6 (32)	20	*	84	*	126	7.1 (39)
33Ingham	1,328	20.0 (12)	1,742	7.3 (13)	256	50.8 (4)	1,328	4.4 (12)	1,748	3.3 (16)
35Keweenaw	24	*	30	*	16	*	24	*	30	*
37Ionia	189	24.9 (25)	248	13.7 (34)	42	*	190	13.2 (43)	254	4.3 (26)
38Jackson	677	23.0 (23)	823	12.5 (28)	141	30.5 (19)	677	8.7 (28)	824	4.1 (24)
39Kalamazo	787	20.6 (17)	1,014	8.6 (16)	145	34.5 (17)	788	4.2 (11)	1,022	3.8 (20)
41Kent	2,251	11.1 (6)	2,969	5.1 (8)	232	40.9 (12)	2,228	3.6 (9)	2,984	2.1 (7)
43DHD#10	1,144	25.7 (26)	1,390	13.2 (31)	273	29.7 (21)	1,145	8.0 (26)	1,430	6.1 (34)
44Lapeer	156	22.4 (22)	221	13.6 (32)	34	*	156	3.2 (6)	222	0.9 (1)
45Tuscola	173	29.5 (31)	242	12.8 (30)	48	*	173	9.8 (32)	244	5.7 (32)
46CAA	275	26.5 (27)	362	10.5 (24)	62	*	276	9.8 (32)	361	5.0 (28)
47Livingst	226	20.4 (15)	303	6.9 (11)	41	*	226	4.4 (12)	314	3.8 (20)
50Macomb	1,951	8.5 (1)	2,695	3.6 (4)	155	38.7 (15)	1,948	3.6 (9)	2,692	1.8 (5)
51DCS	294	12.9 (9)	429	4.0 (6)	37	*	295	3.1 (5)	427	2.8 (10)
52Marquett	171	35.1 (40)	199	10.6 (25)	55	*	171	6.4 (19)	217	2.3 (9)
56MMCAA	230	24.8 (24)	310	12.6 (29)	55	*	231	5.2 (16)	319	2.2 (8)
58Monroe	471	27.2 (28)	604	10.1 (22)	119	44.5 (8)	473	8.5 (27)	612	3.3 (16)

(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)	
61Muskegon	869	21.2 (18)	1,072	9.4 (20)	171	33.3 (18)	870	7.7 (25)	1,098	5.4 (31)
63Oakland	2,027	9.0 (3)	2,832	3.8 (5)	166	44.0 (9)	2,024	2.2 (2)	2,856	1.9 (6)
73Saginaw	425	28.0 (29)	569	11.2 (26)	113	48.7 (6)	425	7.3 (23)	582	3.4 (18)
74St Clair	488	38.7 (43)	551	11.3 (27)	165	46.7 (7)	488	13.1 (42)	563	7.5 (40)
76Sanilac	143	12.6 (7)	164	5.5 (9)	16	*	143	3.5 (8)	166	3.0 (12)
78Shiawass	269	9.7 (4)	335	6.9 (11)	24	*	268	0.7 (1)	333	1.5 (2)
81Washtena	815	14.0 (10)	978	4.5 (7)	92	*	817	4.4 (12)	983	1.6 (3)
82Wayne	3,240	8.5 (1)	4,197	2.9 (1)	236	57.6 (2)	3,242	2.9 (4)	4,191	1.6 (3)
89Urban L	2,390	12.8 (8)	3,448	3.0 (2)	275	66.9 (1)	2,390	6.1 (17)	3,449	2.9 (11)
90Detroit	3,125	9.7 (4)	4,636	3.0 (2)	297	54.9 (3)	3,136	6.6 (20)	4,638	3.0 (12)
Michigan	33,554	17.5	44,427	7.2	5,392	42.2	33,562	6.0	44,801	3.5
National (Prior Year)	49,474	24.1	56,944	9.7	9,950	32.6	46,000	5.6	60,042	1.9

(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) 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	272	8.5 (13)	8.5 (39)	278	14.4 (39)	231	3.9 (14)	273	78.8 (30)
02LMAS	112	5.4 (3)	8.9 (42)	117	11.1 (10)	99	*	111	80.2 (26)
04DHD#4	306	7.8 (9)	9.5 (43)	311	11.3 (12)	266	4.1 (16)	309	84.1 (11)
05NWMCHA	331	8.5 (13)	6.6 (22)	378	7.4 (1)	300	3.7 (12)	369	87.0 (3)
06CMDHD	900	8.0 (10)	7.2 (32)	933	9.1 (3)	814	4.2 (19)	898	83.0 (16)
07West UP	221	6.8 (6)	6.8 (26)	232	14.2 (36)	191	1.6 (4)	223	85.7 (9)
08Barry	403	11.2 (29)	6.5 (19)	415	14.7 (42)	344	4.9 (31)	403	84.1 (11)
09Bay	424	12.5 (39)	7.1 (31)	447	14.3 (37)	361	4.7 (26)	426	76.8 (34)
10Gr Trav	319	10.3 (24)	7.2 (32)	328	14.0 (34)	270	4.1 (16)	322	90.4 (2)
11Berrien	603	11.3 (31)	6.0 (14)	625	12.8 (28)	517	6.4 (41)	603	77.1 (33)
12BHS	794	9.3 (21)	7.4 (34)	825	12.0 (18)	688	4.4 (22)	796	83.4 (14)
13Calhoun	806	9.1 (20)	6.9 (28)	828	11.0 (9)	707	4.2 (19)	813	79.1 (29)
14Leelanau	88	*	*	91	*	80	*	89	*
15Intercar	1,886	10.4 (25)	6.5 (19)	1,988	13.7 (31)	1,620	4.1 (16)	1,932	83.0 (16)
17Chippewa	150	7.3 (7)	8.7 (41)	154	10.4 (6)	133	2.3 (6)	151	82.1 (21)
19Mid-Mich	561	10.9 (28)	4.5 (5)	576	13.9 (33)	478	4.2 (19)	562	87.0 (3)
21Delta	216	5.1 (1)	7.4 (34)	222	7.7 (2)	198	1.5 (3)	216	81.5 (23)
22Iron	157	6.4 (4)	5.1 (10)	160	10.0 (4)	141	1.4 (1)	155	86.5 (6)
25Genesee	2,203	12.8 (40)	6.8 (26)	2,250	13.1 (29)	1,896	6.1 (39)	2,208	69.1 (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.

Table 8F

2022 Pregnancy Nutrition Surveillance (1)

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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	548	12.0 (36)	4.4 (4)	573	12.7 (25)	481	5.6 (34)	546	69.0 (43)
32Huron	123	8.1 (12)	11.4 (45)	123	12.2 (20)	107	3.7 (12)	123	83.7 (13)
33Ingham	1,636	11.9 (34)	6.4 (18)	1,699	13.8 (32)	1,409	4.5 (24)	1,647	85.0 (10)
35Keweenaw	23	*	*	27	*	19	*	23	*
37Ionia	237	8.0 (10)	4.6 (8)	245	12.7 (25)	206	2.4 (7)	238	90.8 (1)
38Jackson	776	12.4 (38)	7.6 (36)	800	14.0 (34)	668	4.8 (29)	777	81.7 (22)
39Kalamazo	963	11.3 (31)	6.3 (16)	991	12.7 (25)	839	4.6 (25)	970	80.1 (27)
41Kent	2,791	13.0 (42)	5.4 (12)	2,902	15.0 (43)	2,368	5.7 (35)	2,831	79.9 (28)
43DHD#10	1,325	9.6 (22)	6.6 (22)	1,358	12.2 (20)	1,149	4.0 (15)	1,326	86.4 (8)
44Lapeer	203	10.8 (26)	10.3 (44)	213	11.3 (12)	181	6.1 (39)	205	82.4 (19)
45Tuscola	234	5.1 (1)	8.5 (39)	240	10.8 (7)	210	1.4 (1)	234	83.3 (15)
46CAA	342	6.7 (5)	6.7 (24)	356	10.1 (5)	307	2.0 (5)	341	82.4 (19)
47Livingst	300	12.0 (36)	5.3 (11)	307	15.6 (44)	253	4.7 (26)	300	82.7 (18)
50Macomb	2,556	13.6 (43)	4.5 (5)	2,598	14.3 (37)	2,166	7.1 (42)	2,569	75.4 (35)
51DCS	409	9.0 (18)	4.2 (2)	411	11.7 (16)	359	3.1 (11)	413	80.9 (25)
52Marquett	207	8.7 (17)	3.9 (1)	207	12.1 (19)	180	2.8 (9)	208	86.5 (6)
56MMCAA	296	10.1 (23)	8.1 (38)	312	10.9 (8)	264	4.9 (31)	298	81.2 (24)
58Monroe	583	7.5 (8)	7.7 (37)	594	11.6 (15)	515	2.5 (8)	582	72.2 (40)
61Muskegon	1,028	12.8 (40)	6.3 (16)	1,063	13.6 (30)	876	5.8 (36)	1,029	74.5 (36)

(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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2022 Pregnancy Nutrition Surveillance (1)

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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	2,692	11.4 (33)	6.7 (24)	2,787	12.2 (20)	2,350	5.9 (37)	2,732	78.7 (31)
73Saginaw	546	11.9 (34)	6.2 (15)	564	14.5 (40)	467	4.9 (31)	548	74.5 (36)
74St Clair	529	8.5 (13)	7.0 (29)	540	12.6 (24)	462	3.0 (10)	528	78.4 (32)
76Sanilac	156	9.0 (18)	5.8 (13)	163	12.3 (23)	135	4.4 (22)	161	74.5 (36)
78Shiawass	315	8.6 (16)	7.0 (29)	331	11.2 (11)	279	4.7 (26)	316	73.1 (39)
81Washtena	910	11.2 (29)	6.5 (19)	953	11.8 (17)	799	5.9 (37)	931	86.7 (5)
82Wayne	3,860	10.8 (26)	4.9 (9)	4,063	11.5 (14)	3,391	4.8 (29)	3,968	72.1 (41)
89Urban L	3,227	14.0 (45)	4.2 (2)	3,351	16.1 (45)	2,666	7.2 (43)	3,238	64.1 (44)
90Detroit	4,377	13.9 (44)	4.5 (5)	4,518	14.6 (41)	3,703	7.6 (44)	4,426	57.6 (45)
Michigan	41,947	11.5	5.9	43,460	13.2	36,146	5.3	42,370	75.5
National (Prior Year)	57,663	10.8	6.5	58,093	13.0	48,228	4.7	58,053	55.8

(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) <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

2020 - 2022 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	1,016	92.4	0.4	2.4	0.2	0.0	4.4	0.2
02LMAS	408	72.8	0.2	1.5	6.6	0.0	18.9	0.0
04DHD#4	1,067	91.1	0.9	2.3	0.5	0.1	5.0	0.1
05NWMCHA	1,347	90.3	0.7	2.7	0.5	0.4	5.3	0.1
06CMDHD	3,105	88.2	1.8	4.2	1.4	0.4	3.9	0.1
07West UP	831	87.5	2.2	2.6	0.5	1.6	5.3	0.4
08Barry	1,301	87.5	2.8	7.3	0.2	1.0	1.0	0.2
09Bay	1,523	80.6	2.1	10.3	0.1	0.2	6.5	0.3
10Gr Trav	1,141	83.6	1.0	7.6	2.4	0.7	4.2	0.5
11Berrien	2,334	50.3	34.6	8.4	0.3	1.4	4.4	0.8
12BHS	2,812	79.9	1.0	14.0	0.1	0.3	4.0	0.7
13Calhoun	2,823	60.2	19.9	7.8	0.4	4.7	6.6	0.4
14Leelanau	320	80.0	0.3	10.0	3.4	0.0	6.3	0.0
15Interkar	6,649	60.6	4.3	27.8	0.2	1.6	4.6	1.0
17Chippewa	543	57.5	0.7	2.0	19.0	0.7	20.1	0.0
19Mid-Mich	1,941	88.5	0.4	8.2	0.1	0.1	2.4	0.4
21Delta	825	79.9	1.1	4.7	2.9	0.4	9.7	1.3
22Iron	559	93.7	0.0	2.3	0.2	0.4	2.5	0.9
25Genesee	7,453	48.8	38.3	6.2	0.1	0.3	6.1	0.3
30HDI	1,800	37.1	36.8	17.3	0.1	0.5	8.1	0.1
32Huron	405	91.9	0.5	5.7	0.0	0.2	1.2	0.5
33Ingham	5,311	42.2	27.7	16.3	0.1	5.4	8.1	0.2
35Keweenaw	104	16.3	0.0	4.8	62.5	0.0	15.4	1.0

(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 3F

2020 - 2022 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	876	88.6	0.2	7.8	0.0	0.0	3.4	0.0
38Jackson	2,830	71.4	14.0	6.5	0.1	0.6	7.2	0.1
39Kalamazo	3,604	45.9	35.4	9.9	0.1	0.9	7.2	0.6
41Kent	9,659	31.2	28.7	29.9	0.3	4.9	4.8	0.2
43DHD#10	4,605	80.3	1.6	12.5	0.3	0.3	4.6	0.4
44Lapeer	758	88.9	1.1	5.7	0.0	0.7	3.7	0.0
45Tuscola	779	93.2	0.4	4.7	0.0	0.1	1.5	0.0
46CAA	1,237	71.7	2.7	19.7	0.2	0.4	4.9	0.5
47Livingst	998	90.0	1.7	3.4	0.0	1.0	3.1	0.8
50Macomb	8,283	47.7	35.7	3.2	0.1	9.1	4.0	0.3
51DCS	1,525	66.5	13.6	13.0	0.3	1.7	4.9	0.0
52Marquett	692	86.4	1.4	3.2	2.5	0.4	5.5	0.6
56MMCAA	957	86.7	2.1	6.0	0.0	1.8	3.3	0.1
58Monroe	1,961	81.6	6.9	6.2	0.1	0.3	4.2	0.7
61Muskegon	3,516	55.7	26.6	9.8	0.3	0.5	6.8	0.3
63Oakland	9,083	45.1	35.3	12.7	0.1	2.6	4.0	0.2
73Saginaw	2,065	45.6	31.9	15.4	0.1	0.4	6.2	0.3
74St Clair	1,903	80.5	5.8	6.0	0.0	0.5	7.0	0.3
76Sanilac	558	93.4	0.0	4.5	0.2	0.4	1.1	0.5
78Shiawass	1,040	89.2	0.4	6.3	0.0	0.1	3.8	0.2
81Washtena	3,212	37.7	39.6	11.1	0.1	3.1	7.9	0.4
82Wayne	14,508	58.3	27.1	5.5	0.1	5.6	3.1	0.2
89Urban L	11,044	16.4	74.5	5.4	0.1	0.9	2.5	0.2
90Detroit	14,888	9.3	70.7	16.6	0.1	1.3	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.

WIC PNSS & PedNSS

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Table 3F

2020 - 2022 Pregnancy Nutrition Surveillance (1)

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Michigan

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

Michigan	146,297	51.2	29.9	11.3	0.4	2.4	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

2020 - 2022 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	1,016	0.0	3.0	8.1	62.1	25.1	1.7	0.1
02LMAS	408	0.0	2.0	7.4	57.4	31.4	1.7	0.2
04DHD#4	1,067	0.1	2.0	8.4	61.1	27.3	1.1	0.0
05NWMCHA	1,347	0.1	1.6	7.1	62.7	26.4	2.2	0.1
06CMDHD	3,105	0.1	2.5	7.5	63.4	24.8	1.2	0.4
07West UP	831	0.1	1.1	7.6	58.1	31.9	1.2	0.0
08Barry	1,301	0.0	2.2	8.0	62.1	25.0	1.6	1.1
09Bay	1,523	0.0	2.5	7.9	60.9	27.1	1.2	0.4
10Gr Trav	1,141	0.2	1.6	6.5	58.2	31.4	1.9	0.3
11Berrien	2,334	0.1	3.3	9.3	59.4	24.5	1.8	1.6
12BHS	2,812	0.2	2.3	8.2	63.5	23.1	2.3	0.4
13Calhoun	2,823	0.0	2.7	7.4	62.8	24.7	1.6	0.7
14Leelanau	320	0.6	1.3	4.7	57.2	34.1	1.6	0.6
15InterCar	6,649	0.1	1.9	6.8	60.9	27.7	1.9	0.6
17Chippewa	543	0.0	1.8	6.8	62.6	27.3	1.3	0.2
19Mid-Mich	1,941	0.1	2.3	8.1	62.5	25.2	1.3	0.5
21Delta	825	0.2	1.3	7.8	61.6	28.4	0.7	0.0
22Iron	559	0.2	2.3	5.4	62.6	28.6	0.9	0.0
25Genesee	7,453	0.2	2.1	7.2	63.2	25.4	1.6	0.3
30HDI	1,800	0.0	1.7	8.4	63.2	24.1	1.7	1.0
32Huron	405	0.0	0.7	5.4	60.0	32.3	1.5	0.0
33Ingham	5,311	0.1	2.3	6.7	60.8	27.6	2.0	0.4
35Keweenaw	104	0.0	1.9	8.7	63.5	24.0	1.9	0.0
37Ionia	876	0.2	2.2	7.2	65.3	23.3	1.3	0.6

(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

2020 - 2022 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	2,830	0.1	2.7	7.2	62.6	25.3	1.3	0.8
39Kalamazo	3,604	0.1	2.8	7.7	59.6	27.1	2.0	0.6
41Kent	9,659	0.1	2.0	6.5	58.2	29.9	2.4	0.8
43DHD#10	4,605	0.0	2.0	7.7	63.7	24.1	1.8	0.7
44Lapeer	758	0.0	2.1	4.9	63.1	27.7	1.7	0.5
45Tuscola	779	0.0	2.4	6.2	64.2	24.8	2.1	0.4
46CAA	1,237	0.1	1.1	6.8	62.9	27.4	1.0	0.7
47Livingst	998	0.0	1.1	5.1	58.6	32.7	2.0	0.5
50Macomb	8,283	0.0	1.0	3.9	56.5	35.9	2.6	0.1
51DCS	1,525	0.1	0.9	3.7	59.2	33.7	2.4	0.1
52Marquett	692	0.1	1.4	3.9	62.3	29.6	2.6	0.0
56MMCAA	957	0.0	1.3	5.9	64.4	27.4	1.1	0.0
58Monroe	1,961	0.0	1.7	6.8	63.3	26.1	1.6	0.4
61Muskegon	3,516	0.1	2.9	9.0	61.2	24.7	1.4	0.6
63Oakland	9,083	0.0	1.3	4.5	57.2	34.1	2.7	0.3
73Saginaw	2,065	0.2	2.8	7.5	61.6	26.5	1.2	0.3
74St Clair	1,903	0.1	1.8	8.2	63.1	24.6	1.6	0.7
76Sanilac	558	0.0	2.2	6.3	65.6	25.4	0.5	0.0
78Shiawass	1,040	0.1	2.6	6.5	65.7	24.1	1.0	0.0
81Washtena	3,212	0.0	1.4	5.5	56.3	33.7	2.7	0.3
82Wayne	14,508	0.0	1.2	4.3	57.4	33.5	3.3	0.3
89Urban L	11,044	0.1	2.1	6.0	57.6	31.2	2.6	0.4
90Detroit	14,888	0.1	2.4	6.4	56.1	31.6	2.8	0.5
Michigan	146,297	0.1	2.0	6.3	59.6	29.4	2.2	0.4

(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

2020 - 2022 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	780	4.4 (33)	64.2 (42)	358	14.5 (4)	56.4 (44)	46	*	39	*	924	7.3 (6)	925	13.8 (23)
02LMAS	365	4.9 (37)	60.3 (13)	261	16.9 (13)	54.4 (36)	18	*	25	*	372	10.8 (38)	372	14.5 (28)
04DHD#4	933	5.0 (39)	60.6 (17)	391	18.4 (27)	53.7 (30)	38	*	31	*	968	11.2 (42)	969	14.2 (25)
05NWMCHA	951	3.5 (9)	59.5 (10)	297	18.5 (28)	54.9 (38)	126	21.4 (2)	155	24.5 (4)	1,264	8.1 (13)	1,264	13.7 (22)
06CMDHD	2,567	4.0 (20)	62.4 (33)	1,611	15.9 (10)	53.6 (29)	111	20.7 (1)	125	17.6 (1)	2,894	9.4 (23)	2,902	14.6 (30)
07West UP	732	3.0 (2)	57.8 (6)	531	17.3 (16)	48.4 (4)	26	*	20	*	751	10.7 (37)	752	13.8 (23)
08Barry	741	6.1 (45)	59.8 (11)	282	15.6 (7)	51.8 (18)	39	*	15	*	1,208	12.1 (45)	1,213	16.1 (39)
09Bay	1,188	4.2 (26)	61.3 (22)	638	16.1 (12)	55.8 (42)	38	*	23	*	1,418	8.2 (14)	1,418	13.0 (17)
10Gr Trav	933	5.5 (43)	53.8 (1)	694	15.9 (10)	52.0 (19)	34	*	21	*	1,051	7.2 (5)	1,055	10.8 (7)
11Berrien	2,027	4.3 (29)	61.6 (23)	1,415	17.5 (21)	55.3 (40)	134	29.1 (3)	156	23.1 (2)	2,056	8.9 (20)	2,059	18.5 (43)
12BHS	1,923	5.1 (40)	62.0 (29)	898	19.0 (32)	50.7 (10)	75	*	116	29.3 (7)	2,554	9.4 (23)	2,557	10.0 (5)
13Calhoun	2,220	4.1 (23)	61.7 (24)	1,491	18.8 (30)	52.9 (25)	52	*	19	*	2,592	6.8 (3)	2,594	10.3 (6)
14Leelanau	254	3.5 (9)	56.3 (4)	128	12.5 (2)	51.6 (15)	11	*	27	*	294	7.5 (8)	294	13.3 (20)
15Intercar	4,086	4.6 (36)	61.7 (24)	1,747	20.2 (39)	50.9 (12)	563	33.6 (4)	957	25.7 (5)	6,078	10.0 (34)	6,086	12.0 (10)
17Chippewa	486	3.3 (3)	60.3 (13)	337	18.1 (25)	52.5 (22)	20	*	29	*	492	10.8 (38)	494	8.3 (1)
19Mid-Mich	1,717	3.3 (3)	65.2 (44)	1,102	17.2 (15)	53.1 (27)	49	*	34	*	1,805	13.0 (46)	1,807	14.8 (33)
21Delta	767	3.7 (17)	60.9 (19)	564	20.6 (41)	49.6 (6)	54	*	98	*	734	9.7 (29)	735	14.8 (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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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	362	5.8 (44)	56.1 (2)	146	18.5 (28)	50.7 (10)	13	*	6	*	503	5.0 (1)	504	14.9 (35)
25Genesee	5,179	4.2 (26)	60.9 (19)	2,477	19.0 (32)	52.6 (23)	197	40.6 (8)	106	35.8 (11)	6,834	8.9 (20)	6,845	16.8 (41)
30HDI	1,199	3.4 (5)	66.2 (45)	408	19.6 (35)	44.1 (1)	26	*	32	*	1,708	8.7 (18)	1,708	14.3 (26)
32Huron	351	4.3 (29)	68.4 (46)	259	20.1 (37)	56.0 (43)	32	*	42	*	388	11.3 (43)	389	14.7 (31)
33Ingham	4,330	3.6 (14)	61.7 (24)	3,025	18.9 (31)	54.1 (33)	139	36.0 (5)	38	*	5,046	7.6 (9)	5,047	12.9 (16)
35Keweenaw	83	*	*	36	*	*	2	*	0	*	95	*	95	*
37Ionia	631	5.1 (40)	63.7 (41)	462	20.1 (37)	50.9 (12)	50	*	66	*	806	11.0 (41)	809	19.3 (45)
38Jackson	2,052	4.0 (20)	60.0 (12)	1,362	15.3 (5)	54.6 (37)	70	*	68	*	2,638	8.8 (19)	2,638	13.0 (17)
39Kalamazo	2,748	3.9 (18)	62.2 (30)	1,366	15.8 (8)	54.2 (34)	56	*	27	*	3,237	9.7 (29)	3,239	12.3 (13)
41Kent	5,361	3.5 (9)	60.5 (16)	2,096	23.7 (45)	46.3 (2)	890	37.5 (6)	1,458	24.3 (3)	8,909	9.1 (22)	8,920	16.4 (40)
43DHD#10	3,717	3.6 (14)	62.8 (34)	2,369	20.7 (42)	50.4 (8)	99	*	89	*	4,253	10.3 (35)	4,254	15.5 (38)
44Lapeer	730	4.5 (34)	59.2 (8)	615	20.0 (36)	51.7 (16)	12	*	9	*	703	5.4 (2)	704	9.8 (4)
45Tuscola	595	4.0 (20)	63.5 (37)	394	20.8 (43)	49.5 (5)	28	*	21	*	743	11.6 (44)	744	14.9 (35)
46CAA	959	3.4 (5)	62.3 (31)	638	15.5 (6)	50.6 (9)	27	*	24	*	1,105	9.4 (23)	1,106	15.4 (37)
47Livingst	890	4.9 (37)	57.5 (5)	583	18.0 (23)	52.3 (20)	31	*	36	*	916	9.6 (28)	917	20.0 (46)
50Macomb	7,342	3.4 (5)	61.9 (28)	5,836	19.1 (34)	51.5 (14)	138	42.0 (9)	52	*	7,789	10.5 (36)	7,791	10.9 (8)
51DCS	1,147	4.2 (26)	60.6 (17)	808	13.5 (3)	55.7 (41)	85	*	72	*	1,417	9.7 (29)	1,420	12.5 (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.

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

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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	601	4.3 (29)	58.7 (7)	408	18.1 (25)	57.4 (45)	18	*	12	*	631	9.8 (33)	633	13.1 (19)
56MMCAA	696	3.6 (14)	62.9 (35)	238	10.5 (1)	55.0 (39)	36	*	26	*	901	10.8 (38)	900	12.1 (11)
58Monroe	1,777	5.1 (40)	63.5 (37)	1,359	17.4 (18)	53.9 (32)	56	*	31	*	1,795	8.5 (17)	1,796	17.6 (42)
61Muskegon	3,171	3.4 (5)	64.4 (43)	2,445	18.0 (23)	52.4 (21)	47	*	20	*	3,256	9.7 (29)	3,259	18.7 (44)
63Oakland	7,208	4.1 (23)	60.4 (15)	4,235	17.1 (14)	51.7 (16)	212	38.7 (7)	162	29.0 (6)	8,290	7.3 (6)	8,294	12.6 (15)
73Saginaw	1,554	2.9 (1)	62.3 (31)	972	15.8 (8)	52.6 (23)	48	*	41	*	1,935	9.4 (23)	1,937	11.4 (9)
74St Clair	1,790	4.1 (23)	61.7 (24)	1,447	17.7 (22)	53.8 (31)	80	*	102	34.3 (10)	1,708	8.3 (16)	1,712	14.7 (31)
76Sanilac	123	7.3 (46)	56.1 (2)	29	*	*	14	*	21	*	496	7.7 (10)	496	12.1 (11)
78Shiawass	911	4.5 (34)	63.4 (36)	734	21.1 (44)	50.1 (7)	13	*	8	*	946	7.1 (4)	947	9.6 (3)
81Washtena	2,500	3.9 (18)	61.2 (21)	1,561	20.4 (40)	48.0 (3)	179	43.6 (10)	258	29.8 (8)	2,904	9.5 (27)	2,905	14.3 (26)
82Wayne	9,035	4.3 (29)	59.3 (9)	5,336	17.4 (18)	53.0 (26)	321	44.5 (11)	119	30.3 (9)	13,309	7.8 (11)	13,305	8.9 (2)
89Urban L	8,228	3.5 (9)	63.6 (40)	4,762	17.3 (16)	54.3 (35)	231	51.1 (13)	49	*	10,318	8.2 (14)	10,326	14.5 (28)
90Detroit	10,859	3.5 (9)	63.5 (37)	6,331	17.4 (18)	53.5 (28)	328	50.9 (12)	50	*	14,070	7.9 (12)	14,079	13.4 (21)
Michigan	108,849	3.9	61.7	65,508	18.1	52.5	4,914	36.3	4,945	26.1	135,141	8.8	135,252	13.4

(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) 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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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	896	88.4 (28)	4.4 (31)	990	34.6 (14)	961	22.4 (35)	778	90.6 (28)
02LMAS	356	88.2 (29)	4.8 (34)	402	41.0 (3)	373	29.5 (14)	320	94.4 (11)
04DHD#4	924	87.8 (32)	5.3 (38)	1,042	32.9 (16)	1,000	29.2 (16)	822	94.8 (5)
05NWMCHA	1,241	91.9 (14)	2.3 (12)	1,316	27.7 (36)	1,253	34.3 (9)	968	91.2 (21)
06CMDHD	2,729	87.6 (33)	5.7 (39)	3,059	39.0 (4)	2,883	28.3 (18)	2,435	89.3 (37)
07West UP	711	88.6 (27)	4.9 (36)	816	31.0 (26)	773	37.1 (6)	607	94.6 (9)
08Barry	1,181	90.9 (18)	1.9 (8)	1,279	27.1 (38)	1,218	31.8 (12)	912	94.8 (5)
09Bay	1,309	83.3 (43)	8.7 (45)	1,507	38.2 (6)	1,456	22.9 (32)	1,192	90.3 (31)
10Gr Trav	980	86.2 (38)	7.2 (41)	1,116	28.9 (31)	1,070	29.3 (15)	778	90.4 (29)
11Berrien	1,903	79.7 (46)	5.2 (37)	2,281	30.5 (27)	2,118	21.8 (37)	1,653	90.7 (27)
12BHS	2,291	82.1 (44)	7.9 (44)	2,733	32.2 (19)	2,571	29.2 (16)	2,067	90.8 (24)
13Calhoun	2,511	95.8 (2)	1.6 (5)	2,754	32.1 (20)	2,466	28.1 (19)	2,025	89.2 (38)
14Leelanau	277	89.5 (24)	4.7 (33)	310	33.2 (15)	291	43.3 (2)	226	88.5 (40)
15Intercar	5,757	91.9 (14)	3.2 (23)	6,529	31.5 (23)	5,941	22.0 (36)	4,642	88.7 (39)
17Chippewa	487	96.1 (1)	1.4 (3)	529	36.5 (9)	505	46.5 (1)	427	89.7 (36)
19Mid-Mich	1,708	90.3 (19)	3.5 (28)	1,898	32.4 (18)	1,563	33.8 (10)	1,432	95.7 (1)
21Delta	722	92.8 (10)	1.5 (4)	810	31.2 (24)	738	26.6 (23)	583	94.5 (10)
22Iron	486	94.2 (5)	3.3 (25)	550	38.5 (5)	523	35.8 (8)	440	92.3 (17)
25Genesee	6,537	89.1 (25)	1.8 (6)	7,322	25.2 (40)	5,762	14.8 (43)	5,311	91.2 (21)
30HDI	1,630	87.4 (34)	3.3 (25)	1,768	35.1 (13)	1,698	14.8 (43)	1,407	87.6 (45)
32Huron	366	86.9 (36)	3.0 (20)	399	24.8 (43)	369	36.6 (7)	266	91.0 (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	4,646	90.1 (20)	3.2 (23)	5,251	27.4 (37)	4,825	10.5 (45)	3,846	90.0 (33)
35Keweenaw	91	*	*	101	43.6 (1)	99	*	86	*
37Ionia	795	92.8 (10)	3.0 (20)	862	28.4 (34)	820	22.8 (33)	601	95.5 (2)
38Jackson	2,443	88.1 (31)	4.8 (34)	2,785	37.5 (8)	2,620	23.6 (30)	2,168	88.3 (41)
39Kalamazo	3,080	88.8 (26)	2.8 (17)	3,529	32.9 (16)	3,314	18.6 (40)	2,620	88.2 (42)
41Kent	8,416	87.3 (35)	2.9 (19)	9,498	23.4 (44)	8,015	21.0 (38)	6,855	90.8 (24)
43DHD#10	3,877	85.8 (39)	6.7 (40)	4,498	37.7 (7)	4,151	28.0 (20)	3,481	90.2 (32)
44Lapeer	656	84.9 (41)	7.3 (42)	742	30.2 (28)	703	26.7 (22)	532	94.7 (7)
45Tuscola	708	86.3 (37)	7.3 (42)	768	31.9 (22)	741	29.6 (13)	559	92.5 (16)
46CAA	1,084	92.9 (8)	1.3 (2)	1,214	28.5 (32)	1,153	20.7 (39)	876	93.0 (15)
47Livingst	866	89.6 (23)	4.5 (32)	974	28.3 (35)	904	38.9 (5)	681	94.4 (11)
50Macomb	7,541	93.3 (6)	2.0 (9)	8,086	25.7 (39)	6,471	8.9 (46)	5,771	94.7 (7)
51DCS	1,370	91.8 (16)	2.6 (15)	1,496	25.1 (42)	707	40.3 (4)	1,058	95.2 (4)
52Marquett	583	91.4 (17)	3.8 (29)	676	36.5 (9)	540	32.4 (11)	535	92.3 (17)
56MMCAA	864	92.6 (12)	2.0 (9)	941	29.4 (30)	912	25.4 (24)	677	95.3 (3)
58Monroe	1,728	89.8 (21)	3.4 (27)	1,931	28.5 (32)	1,808	24.7 (27)	1,384	91.7 (20)
61Muskegon	3,062	89.7 (22)	2.8 (17)	3,432	35.7 (12)	2,930	24.0 (29)	2,603	89.9 (35)
63Oakland	8,015	92.5 (13)	2.3 (12)	8,897	25.2 (40)	7,414	22.5 (34)	6,242	91.9 (19)
73Saginaw	1,847	88.2 (29)	3.1 (22)	2,042	32.1 (20)	1,913	24.9 (26)	1,525	90.8 (24)
74St Clair	1,495	81.0 (45)	10.8 (46)	1,877	41.9 (2)	1,757	25.4 (24)	1,510	87.9 (44)
76Sanilac	489	94.9 (3)	2.5 (14)	548	36.3 (11)	526	43.0 (3)	432	94.4 (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.

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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	924	93.0 (7)	4.3 (30)	1,022	31.2 (24)	360	27.5 (21)	740	85.3 (46)
81Washtena	2,797	92.9 (8)	2.2 (11)	3,140	29.7 (29)	2,974	16.1 (41)	2,334	93.8 (14)
82Wayne	12,963	94.4 (4)	1.1 (1)	14,246	23.0 (45)	10,722	24.7 (27)	10,308	90.4 (29)
89Urban L	9,988	85.2 (40)	1.8 (6)	10,791	20.5 (47)	8,059	23.3 (31)	7,277	88.2 (42)
90Detroit	13,670	84.9 (41)	2.7 (16)	14,620	21.0 (46)	11,220	16.1 (41)	9,836	90.0 (33)
Michigan	129,039	89.2	3.1	143,475	27.7	121,256	22.2	103,878	90.8

(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) 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	814	36.0 (41)	915	23.2 (45)	251	27.9 (39)	778	14.9 (46)	930	5.2 (45)
02LMAS	333	39.0 (44)	368	22.3 (43)	106	34.0 (30)	319	13.5 (45)	369	5.7 (46)
04DHD#4	865	37.1 (42)	955	20.4 (39)	274	37.2 (25)	822	10.8 (37)	968	3.9 (33)
05NWMCHA	1,051	33.3 (33)	1,264	18.6 (36)	299	33.1 (33)	966	12.2 (42)	1,266	4.7 (40)
06CMDHD	2,578	33.2 (31)	2,882	20.8 (40)	750	27.3 (40)	2,433	13.2 (43)	2,900	4.7 (40)
07West UP	645	34.6 (36)	754	22.3 (43)	187	33.2 (31)	607	9.9 (30)	754	3.7 (31)
08Barry	1,010	33.2 (31)	1,213	14.6 (23)	280	47.9 (8)	910	8.9 (27)	1,215	2.6 (19)
09Bay	1,258	34.7 (37)	1,412	16.9 (32)	392	35.2 (28)	1,192	10.1 (32)	1,424	4.1 (35)
10Gr Trav	875	35.4 (38)	1,044	14.8 (25)	257	45.1 (9)	778	6.8 (16)	1,059	4.0 (34)
11Berrien	1,795	26.5 (17)	2,049	12.2 (17)	370	43.5 (13)	1,652	11.5 (40)	2,057	4.5 (39)
12BHS	2,205	27.6 (21)	2,551	16.0 (26)	512	33.0 (34)	2,063	8.3 (22)	2,556	2.9 (21)
13Calhoun	2,177	24.7 (14)	2,549	9.7 (11)	449	36.3 (27)	2,028	4.0 (5)	2,585	1.7 (11)
14Leelanau	248	35.9 (39)	292	16.4 (30)	75	*	227	8.4 (24)	295	5.1 (43)
15InterCar	5,046	20.2 (11)	6,047	8.8 (10)	873	39.4 (22)	4,620	4.2 (7)	6,087	1.9 (12)
17Chippewa	453	30.7 (28)	495	21.6 (41)	122	15.6 (43)	423	10.6 (36)	495	3.2 (27)
19Mid-Mich	1,514	33.8 (34)	1,770	16.0 (26)	454	39.4 (22)	1,433	10.1 (32)	1,808	3.0 (23)
21Delta	637	38.5 (43)	736	23.8 (46)	198	30.8 (36)	582	11.2 (38)	735	3.0 (23)
22Iron	468	35.9 (39)	500	21.8 (42)	143	24.5 (42)	438	6.6 (15)	503	2.4 (16)
25Genesee	5,736	21.8 (12)	6,792	10.9 (15)	1,045	40.4 (19)	5,305	8.0 (19)	6,838	2.9 (21)

(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: 5/29/2024

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2020 - 2022 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)	
30HDI	1,472	26.4 (16)	1,697	10.2 (12)	361	49.3 (7)	1,406	11.4 (39)	1,705	4.2 (36)
32Huron	302	34.4 (35)	388	19.6 (38)	93	*	266	10.2 (35)	389	5.1 (43)
33Ingham	4,156	17.8 (10)	5,041	8.4 (9)	653	44.7 (11)	3,836	3.9 (3)	5,044	2.3 (15)
35Keweenaw	87	*	96	*	51	*	86	*	96	*
37Ionia	669	28.8 (23)	801	17.5 (34)	163	27.0 (41)	600	8.2 (20)	812	2.5 (18)
38Jackson	2,289	29.8 (26)	2,643	17.7 (35)	610	30.3 (37)	2,168	7.6 (18)	2,643	2.4 (16)
39Kalamazo	2,812	21.9 (13)	3,226	10.2 (12)	512	37.7 (24)	2,612	5.1 (12)	3,233	2.0 (14)
41Kent	7,459	13.1 (5)	8,912	6.1 (7)	807	45.0 (10)	6,726	3.8 (2)	8,899	1.3 (3)
43DHD#10	3,699	28.9 (24)	4,217	17.1 (33)	939	29.6 (38)	3,479	10.0 (31)	4,264	3.8 (32)
44Lapeer	584	29.6 (25)	703	16.2 (29)	139	43.2 (15)	532	6.0 (14)	703	1.3 (3)
45Tuscola	607	32.9 (30)	746	16.8 (31)	179	41.3 (18)	559	11.8 (41)	748	3.2 (27)
46CAA	953	28.1 (22)	1,109	12.4 (18)	214	44.4 (12)	876	9.8 (28)	1,108	4.3 (37)
47Livingst	766	26.5 (17)	905	13.0 (20)	167	40.1 (20)	683	4.7 (10)	916	1.9 (12)
50Macomb	6,365	12.1 (3)	7,785	5.0 (5)	629	42.3 (16)	5,760	4.4 (8)	7,777	1.3 (3)
51DCS	1,176	14.8 (7)	1,417	6.4 (8)	154	52.6 (4)	1,053	4.1 (6)	1,418	1.5 (8)
52Marquett	575	39.8 (45)	619	19.2 (37)	213	35.2 (28)	532	8.3 (22)	648	1.5 (8)
56MMCAA	736	27.0 (20)	890	13.5 (21)	172	36.6 (26)	677	5.0 (11)	897	1.3 (3)
58Monroe	1,523	30.6 (27)	1,791	14.1 (22)	388	41.8 (17)	1,383	9.8 (28)	1,796	4.3 (37)
61Muskegon	2,766	26.9 (19)	3,242	14.7 (24)	638	33.2 (31)	2,609	8.2 (20)	3,276	3.3 (29)

(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: 5/29/2024

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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	6,964	10.0 (1)	8,272	4.4 (4)	569	39.5 (21)	6,230	3.2 (1)	8,293	1.1 (1)
73Saginaw	1,619	31.8 (29)	1,896	11.0 (16)	453	52.8 (3)	1,523	10.1 (32)	1,939	3.1 (26)
74St Clair	1,592	39.8 (45)	1,698	16.1 (28)	533	43.3 (14)	1,510	13.2 (43)	1,715	5.0 (42)
76Sanilac	459	15.7 (8)	494	10.5 (14)	58	*	430	5.8 (13)	496	1.6 (10)
78Shiawass	800	26.0 (15)	947	12.7 (19)	170	32.9 (35)	734	6.9 (17)	939	3.5 (30)
81Washtena	2,538	16.5 (9)	2,891	5.9 (6)	340	52.6 (4)	2,331	4.4 (8)	2,898	1.1 (1)
82Wayne	11,432	10.8 (2)	13,312	4.3 (3)	942	51.4 (6)	10,304	3.9 (3)	13,315	1.3 (3)
89Urban L	7,946	13.7 (6)	10,347	4.1 (2)	917	60.7 (1)	7,258	8.5 (25)	10,343	3.0 (23)
90Detroit	10,802	12.6 (4)	14,114	4.0 (1)	1,172	56.9 (2)	9,814	8.5 (25)	14,099	2.7 (20)
Michigan	112,918	20.2	134,825	9.3	19,273	41.2	103,605	7.0	135,290	2.5

(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) 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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2020 - 2022 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	851	8.7 (17)	8.6 (36)	881	10.8 (13)	754	5.2 (34)	851	70.9 (33)
02LMAS	345	7.5 (9)	8.7 (39)	358	12.0 (26)	303	4.3 (24)	344	79.1 (16)
04DHD#4	926	8.2 (14)	8.6 (36)	936	11.0 (17)	808	4.0 (20)	928	78.1 (21)
05NWMCHA	1,114	9.2 (21)	7.5 (24)	1,217	10.0 (4)	986	4.0 (20)	1,194	82.6 (9)
06CMDHD	2,699	8.7 (17)	8.0 (30)	2,794	10.3 (8)	2,407	4.6 (29)	2,699	76.6 (22)
07West UP	703	8.0 (11)	9.2 (42)	736	10.2 (6)	629	3.7 (16)	707	83.7 (6)
08Barry	1,140	10.8 (31)	6.9 (20)	1,194	12.9 (32)	991	4.3 (24)	1,152	84.5 (4)
09Bay	1,317	10.8 (31)	8.4 (34)	1,382	12.5 (31)	1,152	4.3 (24)	1,325	70.0 (34)
10Gr Trav	979	9.1 (20)	9.4 (43)	1,013	11.3 (20)	861	3.8 (17)	986	87.0 (1)
11Berrien	1,935	9.7 (28)	5.5 (7)	1,992	10.8 (13)	1,695	5.5 (40)	1,938	71.8 (32)
12BHS	2,409	8.2 (14)	8.3 (33)	2,487	11.0 (17)	2,116	3.9 (18)	2,420	80.7 (12)
13Calhoun	2,445	9.6 (27)	7.0 (21)	2,508	10.4 (9)	2,166	4.7 (30)	2,463	74.9 (27)
14Leelanau	272	9.2 (21)	9.6 (44)	283	10.6 (10)	242	5.0 (32)	273	85.7 (3)
15Intercar	5,420	9.3 (24)	7.5 (24)	5,902	13.2 (35)	4,676	3.4 (13)	5,751	79.2 (15)
17Chippewa	457	7.2 (6)	10.9 (46)	473	10.1 (5)	403	2.7 (4)	457	75.3 (24)
19Mid-Mich	1,706	11.1 (35)	6.6 (18)	1,748	13.4 (37)	1,458	3.2 (12)	1,713	83.8 (5)
21Delta	683	5.6 (1)	8.9 (40)	715	8.7 (1)	620	2.3 (1)	684	75.3 (24)
22Iron	483	7.0 (4)	6.6 (18)	491	11.4 (23)	428	2.3 (1)	482	78.2 (20)
25Genesee	6,540	12.0 (39)	5.3 (5)	6,724	13.3 (36)	5,634	5.7 (44)	6,552	61.4 (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

Run Date: 5/29/2024

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2020 - 2022 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	1,594	13.0 (44)	4.8 (3)	1,644	14.4 (43)	1,365	5.5 (40)	1,593	62.4 (42)
32Huron	369	7.3 (7)	10.6 (45)	382	10.7 (11)	331	3.0 (8)	368	79.3 (14)
33Ingham	4,720	11.1 (35)	5.9 (11)	4,907	13.5 (38)	4,081	4.3 (24)	4,750	79.0 (17)
35Keweenaw	83	*	*	89	*	70	*	84	*
37Ionia	769	7.4 (8)	8.5 (35)	792	10.7 (11)	681	2.8 (5)	770	86.0 (2)
38Jackson	2,487	10.5 (29)	8.0 (30)	2,563	12.2 (29)	2,189	4.8 (31)	2,493	73.9 (29)
39Kalamazo	2,997	10.7 (30)	6.4 (16)	3,145	12.1 (28)	2,613	4.3 (24)	3,029	72.7 (31)
41Kent	8,350	12.8 (43)	5.6 (8)	8,726	15.0 (45)	7,082	5.5 (40)	8,457	75.7 (23)
43DHD#10	3,929	9.5 (26)	7.9 (29)	4,062	12.0 (26)	3,411	3.9 (18)	3,941	81.1 (10)
44Lapeer	666	9.2 (21)	8.6 (36)	679	11.6 (24)	582	5.2 (34)	668	80.4 (13)
45Tuscola	705	6.5 (2)	8.1 (32)	729	11.8 (25)	625	2.6 (3)	705	78.6 (18)
46CAA	1,054	6.9 (3)	7.3 (23)	1,095	8.9 (2)	959	2.9 (7)	1,053	73.6 (30)
47Livingst	874	11.0 (34)	6.2 (12)	896	13.5 (38)	755	4.1 (22)	872	83.3 (7)
50Macomb	7,381	12.2 (41)	5.0 (4)	7,520	13.7 (41)	6,302	5.6 (43)	7,413	66.0 (40)
51DCS	1,370	8.7 (17)	5.7 (9)	1,380	11.3 (20)	1,206	3.1 (9)	1,377	74.7 (28)
52Marquett	619	7.1 (5)	7.8 (28)	620	9.0 (3)	555	3.1 (9)	621	83.3 (7)
56MMCAA	855	8.2 (14)	9.0 (41)	883	10.2 (6)	767	3.1 (9)	857	78.5 (19)
58Monroe	1,709	8.0 (11)	7.5 (24)	1,749	11.1 (19)	1,515	2.8 (5)	1,709	69.2 (36)
61Muskegon	3,090	11.4 (37)	6.2 (12)	3,157	13.0 (34)	2,649	5.2 (34)	3,098	66.8 (39)

(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.

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Run Date: 5/29/2024

Table 8F

2020 - 2022 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	7,759	11.7 (38)	6.2 (12)	8,098	12.9 (32)	6,706	5.2 (34)	7,868	75.3 (24)
73Saginaw	1,831	12.5 (42)	6.2 (12)	1,894	13.6 (40)	1,582	5.0 (32)	1,837	68.4 (38)
74St Clair	1,614	9.3 (24)	7.1 (22)	1,655	12.3 (30)	1,414	3.6 (14)	1,614	69.1 (37)
76Sanilac	466	7.7 (10)	6.4 (16)	489	10.8 (13)	409	4.2 (23)	478	60.7 (44)
78Shiawass	895	8.0 (11)	7.5 (24)	932	10.8 (13)	795	3.6 (14)	898	69.8 (35)
81Washtena	2,701	12.1 (40)	5.8 (10)	2,812	13.7 (41)	2,314	5.2 (34)	2,739	81.1 (10)
82Wayne	12,245	10.8 (31)	5.3 (5)	12,953	11.3 (20)	10,784	5.2 (34)	12,621	63.2 (41)
89Urban L	9,550	14.5 (46)	4.0 (1)	9,988	16.7 (46)	7,831	7.2 (45)	9,691	58.1 (45)
90Detroit	13,218	14.2 (45)	4.5 (2)	13,768	14.6 (44)	11,196	7.3 (46)	13,408	53.3 (46)
Michigan	126,335	11.2	6.1	131,479	13.0	109,108	5.1	127,943	52.7

(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) <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.