

Table 1C
2012 Pregnancy Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Demographic Indicators ⁽²⁾

Total Records	Number	%
Complete Records	50,922	74.9
Prenatal Records	5,100	7.5
Postpartum Records	11,955	17.6
Total Records Accepted	67,977	

Source of Data	Number	%
WIC	67,977	100.0
Maternal Health	0	0.0
Other	0	0.0
Total	67,977	100.0
<i>Excluded Unknown: 0 0.0</i>		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	38,226	56.6
Black, Not Hispanic	18,695	27.7
Hispanic	6,788	10.0
American Indian/Alaska Native	262	0.4
Asian/Pacific Islander	1,307	1.9
Multiple Races	2,284	3.4
All Other	0	0.0
Total	67,562	100.0
<i>Excluded Unknown: 415 0.6</i>		

Age Distribution	Number	%
< 15 Years	145	0.2
15 - 17 Years	3,090	4.6
18 - 19 Years	7,284	10.7
20 - 29 Years	42,309	62.4
30 - 39 Years	13,904	20.5
>= 40 Years	1,036	1.5
Total	67,768	100.0
<i>Excluded Unknown: 209 0.3</i>		

Education Distribution	Number	%
< High School	16,838	25.2
High School	29,346	43.9
> High School	20,684	30.9
Total	66,868	100.0
<i>Excluded Unknown: 1,109 1.6</i>		

Poverty Level	Number	%
0 - 50	22,426	40.1
51 - 100	15,076	27.0
101 - 130	6,238	11.2
131 - 150	3,240	5.8
151 - 185	4,298	7.7
186 - 200	1,277	2.3
> 200	3,088	5.5
Adjunctive Eligibility	277	0.5
Total	55,920	100.0
<i>Excluded Unknown: 102 0.2</i>		

Program Participation (3)	Number	%
WIC	56,022	100.0
SNAP	55,959	58.3
Medicaid	55,891	81.0
Tanf	55,958	13.1
Excluded Unknown:		
WIC:	0	0.0
SNAP:	0	0.0
Medicaid:	0	0.0
Tanf:	0	0.0

Migrant Status	Number	%
Yes	652	1.0
No	67,325	99.0
Total	67,977	100.0
<i>Excluded Unknown: 0 0.0</i>		

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) Prenatal program participation

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

Table 2C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Health Indicators

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Prepregnancy BMI (3)				
Underweight	61,321	4.4	131,042	4.3
Normal Weight	61,321	40.7	131,042	40.4
Overweight	61,321	24.7	131,042	25.1
Obese	61,321	30.2	131,042	30.2
Maternal Weight Gain (4)				
Less Than Ideal	48,759	17.4	110,316	19.1
Ideal	48,759	31.3	110,316	29.6
Greater Than Ideal	48,759	51.3	110,316	51.2
Anemia (Low Hb/Hct) (5)				
1st Trimester	25,140	8.8	50,862	7.9
2nd Trimester	19,186	14.7	42,280	13.2
3rd Trimester	9,736	36.5	21,706	34.7
Postpartum	12,636	27.9	46,672	24.7
Parity (6)				
0	66,965	40.3	127,287	50.6
1	66,965	28.8	127,287	23.9
2	66,965	16.8	127,287	14.1
>= 3	66,965	14.1	127,287	11.3
Interpregnancy Interval				
<= 6 Months	39,055	12.6	75,632	12.0
6 - <18 Months	39,055	26.8	75,632	27.1
>= 18 Months	39,055	60.6	75,632	60.9
Gestational Diabetes	61,944	7.1	135,383	5.5
Hypertension During Pregnancy	61,962	10.1	135,401	7.1

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) Based on 1990 MMWR, "Recommendations to prevent and control Iron Deficiency in the United States"; adjusted for altitude and smoking.

(6) Number of times a woman has given birth to an infant 20 or more week gestation

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

Table 2C
2012 Pregnancy Nutrition Surveillance
Michigan
Summary of Health Indicators

Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Medical Care				
1st Trimester	61,308	79.8	117,319	78.9
No Care	61,308	10.6	117,319	12.3
WIC Enrollment				
1st Trimester	67,036	38.0	135,462	38.1
2nd Trimester	67,036	29.6	135,462	32.5
3rd Trimester	67,036	15.3	135,462	16.8
Postpartum (3)	67,036	17.0	135,462	12.6
Prepregnancy Multivitamin Consumption (4)	51,281	19.0	118,658	18.0
Multivitamin Consumption During Pregnancy (5)	55,366	83.4	117,760	85.4
Smoking				
3 Months Prior to Pregnancy	63,072	32.4	141,599	31.9
During Pregnancy	55,455	19.0	119,250	20.8
Last 3 Months of Pregnancy	61,988	16.9	135,360	18.3
Postpartum	62,020	17.9	135,392	19.5
Smoking Changes (6)				
Quit Smoking by First Prenatal Visit	18,754	44.3	41,781	41.2
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	16,769	38.6	75,775	66.8
Smoking in Household				
During Pregnancy	55,380	16.0	117,738	22.9
Postpartum	61,994	4.9	134,600	13.6
Drinking				
3 Months Prior to Pregnancy	62,879	21.5	141,295	14.9
Last 3 Months of Pregnancy	62,097	0.6	135,404	0.4

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) Women who initially enrolled in WIC during the postpartum period.

(4) Women who reported taking a multivitamin four times a week 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.

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

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

Table 2C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Health Indicators

Summary of Health Indicators (2)				
	Michigan Prevalance		National Prevalance (Prior Year)	
	Number	%	Number	%
Birthweight (3)				
Very Low	58,368	1.3	129,626	1.2
Low	58,368	7.6	129,626	7.1
Normal	58,368	83.9	129,626	84.6
High	58,368	7.3	129,626	7.1
Preterm (4)	60,111	12.1	122,735	11.5
Full term Low Birth Weight (5)	50,877	3.7	105,871	3.3
Multiple Births	61,583	1.5	135,371	1.5
Brestfeeding				
Ever Breastfed	58,753	61.2	130,514	65.5

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

(4) <37 weeks gestation.

(5) 37 or more weeks gestation <2500 g.

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

Table 3C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

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Comparison of Racial Ethnic Distribution by Contributor to Nation

Comparison of Racial and Ethnic Distribution (2)								
	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Michigan	67,977	56.2	27.5	10.0	0.4	1.9	3.4	0.6
Nation (Prior Year)	147,559	58.4	22.6	13.0	0.6	2.5	2.3	0.5

(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.

Table 4C
2012 Pregnancy Nutrition Surveillance (1)

Michigan
Comparison of Age Distribution by Contributor to Nation

Comparison of Age Distribution (2)								
	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Michigan	67,977	0.2	4.5	10.7	62.2	20.5	1.5	0.3
Nation (Prior Year)	147,560	0.2	4.9	12.1	61.9	19.4	1.4	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.

Table 5C
2012 Pregnancy Nutrition Surveillance ⁽¹⁾
Michigan

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Comparison of Maternal Health Indicators by Contributor to Nation

Comparison of Maternal Health Indicators ⁽²⁾														
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum					
	Number	%	%	Number	%	%	Number	%	Number	%	Number	%	Number	%
Michigan	61,321	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9	61,944	7.1	61,962	10.1
Nation (Prior Year)	131,042	4.3	55.3	110,316	19.1	51.2	21,706	34.7	46,672	24.7	135,383	5.5	135,401	7.1

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 6C
2012 Pregnancy Nutrition Surveillance ⁽¹⁾
Michigan

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Comparison of Maternal Behavioral Indicators by Contributor to Nation

Comparison of Maternal Behavioral Indicators ⁽²⁾									
	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Pregnancy ⁽³⁾		During Pregnancy ⁽⁴⁾	
	Number	%	%	Number	%	Number	%	Number	%
Michigan	61,308	79.8	10.6	67,036	38.0	51,281	19.0	55,366	83.4
Nation (Prior Year)	117,319	78.9	12.3	135,462	38.1	118,658	18.0	117,760	85.4

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

(2) Excludes records with unknown data or errors.

(3) Woman who reported taking a multivitamin four a week or more in the month before pregnancy; proxy for folic acid consumption.

(4) 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.

Table 7C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

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Comparison of Smoking Indicators by Contributor to Nation

Comparison of Smoking Indicators (2)										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
Michigan	63,072	32.4	61,988	16.9	16,769	38.6	55,380	16.0	61,994	4.9
Nation (Prior Year)	141,599	31.9	135,360	18.3	75,775	66.8	117,738	22.9	134,600	13.6

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

(2) Excludes records with unknown data or errors.

(3) 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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2012 Pregnancy Nutrition Surveillance (1)
Michigan

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Comparison of Infant Health Indicators by Contributor to Nation

Comparison of Infant Health Indicators (2)									
	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low	High		(5)		(6)			
	(3)	(4)							
	Number	%	%	Number	%	Number	%	Number	%
Michigan	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
Nation (Prior Year)	129,626	8.3	7.1	122,735	11.5	105,871	3.3	130,514	63.4

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 9C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Maternal Health Indicators by Race/Ethnicity, Age, or Education

Maternal Health Indicators by Race/Ethnicity, Age, or Education (2)														
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				Gestational Diabetes		Hypertension During Pregnancy	
	Under-Weight	Over-Weight		< Ideal	>Ideal		3rd Trimester		Postpartum					
	Number	%	%	Number	%	%	Number	%	Number	%	Number	%	Number	%
Race/Ethnicity														
White, Not Hispanic	34,970	4.9	52.5	27,986	15.8	52.6	5,083	30.1	7,816	21.4	35,084	7.3	35,085	9.8
Black, Not Hispanic	17,110	3.9	59.6	13,731	18.6	51.7	3,333	52.3	3,057	43.8	17,194	5.8	17,204	12.2
Hispanic	5,787	2.3	61.1	4,353	22.9	44.5	727	36.9	942	29.3	6,182	9.0	6,180	6.9
American Individual/Alaska Native	234	3.8	56.8	171	12.9	50.3	29	*	50	*	216	8.8	217	12.4
Asian/Pacific Islander	1,117	9.8	30.3	858	26.1	32.9	192	30.2	282	27.3	1,171	11.9	1,178	5.9
Multiple Races	2,095	4.1	53.2	1,656	15.0	53.9	370	35.1	488	30.9	2,092	6.5	2,093	10.2
All Other/Unknown	9	*	*	4	*	*	2	*	1	*	5	*	5	*
Total	61,322	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9	61,944	7.1	61,962	10.1
Age														
< 15 Years	130	9.2	36.9	103	19.4	58.3	26	*	1	*	137	1.5	136	9.6
15 - 17 Years	2,797	8.3	33.9	2,276	19.1	48.2	439	45.1	477	32.9	2,853	2.6	2,852	9.6
18 - 19 Years	6,687	7.2	41.7	5,330	17.2	52.1	1,000	38.7	1,231	34.6	6,595	3.6	6,601	9.8
20 - 29 Years	38,293	4.4	54.7	30,644	16.9	51.7	6,343	38.4	7,694	27.7	38,646	5.9	38,652	9.1
30 - 39 Years	12,332	2.2	66.4	9,620	18.2	50.5	1,783	36.5	2,933	24.7	12,648	12.9	12,656	12.8
>= 40 Years	897	1.6	72.0	633	21.6	49.1	123	36.6	268	25.7	869	19.0	869	20.1
Unknown	186	2.7	54.3	153	28.8	43.1	22	*	32	*	196	7.1	196	9.2
Total	61,322	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9	61,944	7.1	61,962	10.1
Education														
< High School	14,940	6.0	49.9	11,571	20.7	47.3	2,408	44.5	2,696	34.0	15,455	5.9	15,459	9.0
High School	26,780	4.3	55.7	21,384	17.0	51.9	4,269	38.8	5,224	28.5	26,911	7.0	26,914	10.1
> High School	19,053	3.4	57.9	15,384	15.2	53.7	2,998	33.0	4,592	23.6	18,963	8.3	18,973	11.2
Excluded Unknown	549	4.4	51.5	420	24.5	42.4	61	*	124	27.4	615	7.8	616	8.4
Total	61,322	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9	61,944	7.1	61,962	10.1

(1) Reporting period is January 1 through December 31
(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.
(3) 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).
(4) Based on 2009 IOM report "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 40 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(5) 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

Table 10C
2012 Pregnancy Nutrition Surveillance (1)

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Run Date: 09/26/2013

Michigan

Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education

Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education (2)									
	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Prepregnancy (3)		During Pregnancy (4)	
	Number	%	%	Number	%	Number	%	Number	%
Race/Ethnicity									
White, Not Hispanic	34,701	81.8	11.9	37,770	41.7	30,410	21.8	31,394	86.4
Black, Not Hispanic	17,091	77.7	6.0	18,476	27.9	12,959	13.1	14,994	82.5
Hispanic	6,064	74.2	16.8	6,691	47.3	5,013	17.0	5,821	70.0
American Individual/Alaska Native	219	81.3	8.2	257	38.9	210	20.0	212	87.3
Asian/Pacific Islander	1,152	80.9	9.9	1,295	33.0	957	19.2	1,017	79.5
Multiple Races	2,076	78.8	10.7	2,260	39.0	1,726	18.6	1,925	83.5
All Other/Unknown	5	*	*	289	2.8	8	*	5	*
Total	61,308	79.8	10.6	67,038	38.0	51,283	19.0	55,368	83.4
Age									
< 15 Years	131	48.1	19.1	141	36.9	111	10.8	122	72.1
15 - 17 Years	2,821	70.0	11.5	3,038	38.7	2,287	8.4	2,735	81.2
18 - 19 Years	6,515	75.5	11.7	7,190	39.7	5,338	9.8	6,319	82.7
20 - 29 Years	38,259	80.8	10.4	41,749	37.3	31,782	18.3	34,330	83.7
30 - 39 Years	12,530	81.9	10.3	13,691	38.8	10,761	27.1	10,886	83.8
>= 40 Years	859	78.5	11.8	1,023	42.0	845	28.8	808	79.6
Unknown	193	73.6	15.0	206	37.9	159	12.6	168	71.4
Total	61,308	79.8	10.6	67,038	38.0	51,283	19.0	55,368	83.4
Education									
< High School	15,199	73.6	12.1	16,599	38.3	11,739	12.1	13,960	76.7
High School	26,680	79.9	10.7	28,991	38.8	22,228	17.0	24,382	83.4
> High School	18,835	84.9	9.3	20,478	37.0	16,784	26.5	16,530	89.4
Excluded Unknown	594	76.1	13.1	970	28.6	532	14.3	496	70.2
Total	61,308	79.8	10.6	67,038	38.0	51,283	19.0	55,368	83.4

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

(2) Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

(3) Woman who reported taking a multivitamin four a week or more in the month before pregnancy. proxy for folic acid consumption.

(4) 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.

Table 11C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Smoking Indicators by Race/Ethnicity, Age, or Education

Comparison of Smoking Indicators (2)										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	36,045	40.6	35,085	23.0	12,012	34.6	31,348	16.9	35,073	4.6
Black, Not Hispanic	17,145	21.8	17,193	8.8	3,024	50.9	15,010	17.8	17,222	6.6
Hispanic	6,292	16.0	6,212	6.1	867	53.5	5,852	7.1	6,200	2.3
American Individual/Alaska Native	235	51.9	216	31.5	98	*	212	17.5	217	9.7
Asian/Pacific Islander	1,237	4.4	1,182	0.9	42	*	1,026	3.5	1,181	1.1
Multiple Races	2,112	40.6	2,095	22.7	725	34.8	1,929	18.9	2,096	5.7
All Other/Unknown	8	*	5	*	1	*	5	*	5	*
Total	63,074	32.4	61,988	16.9	16,769	38.6	55,382	16.0	61,994	4.9
Race/Ethnicity										
< 15 Years	139	9.4	137	5.1	11	*	122	27.9	137	14.6
15 - 17 Years	2,965	25.3	2,862	10.8	662	49.5	2,743	29.9	2,863	9.2
18 - 19 Years	6,899	33.9	6,604	15.0	1,978	45.3	6,330	27.3	6,601	8.1
20 - 29 Years	38,864	34.5	38,659	18.2	11,134	38.1	34,330	14.8	38,651	4.6
30 - 39 Years	13,010	27.9	12,653	16.0	2,805	33.4	10,887	10.0	12,669	3.4
>= 40 Years	998	25.4	876	14.5	156	27.6	805	12.0	876	4.2
Unknown	199	16.6	197	7.1	23	*	165	7.9	197	1.5
Total	63,074	32.4	61,988	16.9	16,769	38.6	55,382	16.0	61,994	4.9
Race/Ethnicity										
< High School	15,318	38.1	15,458	22.9	4,807	30.5	13,979	21.1	15,482	6.9
High School	27,428	35.2	26,928	18.2	7,983	39.4	24,386	17.1	26,918	5.1
> High School	19,694	24.5	18,981	10.4	3,886	47.0	16,519	10.1	18,973	3.2
Excluded Unknown	634	20.7	621	12.7	93	*	498	10.4	621	3.4
Total	63,074	32.4	61,988	16.9	16,769	38.6	55,382	16.0	61,994	4.9

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

(2) Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

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

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

Table 12C
2012 Pregnancy Nutrition Surveillance (1)

Michigan
Infant Health Indicators by Race/Ethnicity, Age, or Education

Infant Health Indicators by Race/Ethnicity, Age, or Education (2)									
	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Number	Low	High	Number	%	Number	%	Number	%
		(3)	(4)						
	Number	%	%	Number	%	Number	%	Number	%
Race/Ethnicity									
White, Not Hispanic	32,941	7.2	8.9	33,927	10.5	29,275	3.0	33,177	66.8
Black, Not Hispanic	16,377	12.7	3.8	16,849	15.7	13,690	5.3	16,429	47.6
Hispanic	5,766	6.5	8.5	5,924	11.2	5,068	2.6	5,809	64.6
American Indian/Alaska Native	202	5.9	11.4	211	10.0	180	2.2	201	71.1
Asian/Pacific Islander	1,118	10.6	4.4	1,154	12.2	977	6.3	1,125	72.4
Multiple Races	1,959	9.4	6.8	2,041	13.2	1,682	3.6	1,970	65.0
All Other/Unknown	5	*	*	5	*	5	*	42	*
Total	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
Age									
< 15 Years	131	9.2	3.1	133	18.8	105	1.9	132	46.2
15 - 17 Years	2,714	8.3	4.5	2,794	14.1	2,298	3.8	2,726	53.7
18 - 19 Years	6,263	7.8	5.0	6,450	12.3	5,447	4.2	6,283	59.1
20 - 29 Years	36,576	7.1	7.2	37,652	11.0	32,296	3.4	36,824	61.8
30 - 39 Years	11,754	8.5	9.5	12,116	14.5	9,982	4.0	11,846	62.3
>= 40 Years	741	11.5	5.5	775	20.8	583	5.5	751	60.1
Unknown	189	5.3	6.3	191	11.0	166	1.8	191	71.2
Total	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
Education									
< High School	14,369	8.9	5.5	14,954	13.8	12,257	4.5	14,485	48.5
High School	25,406	7.4	7.1	26,094	11.9	22,192	3.6	25,547	59.9
> High School	18,024	6.7	8.9	18,465	11.2	15,931	3.0	18,100	73.1
Excluded Unknown	569	8.1	7.7	598	11.7	497	3.6	621	65.5
Total	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 13C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Maternal Weight Gain and Birth Outcomes by Select Health Indicators

Maternal Weight Gain and Birth Outcomes by Select Health Indicators (2)										
	Weight Gain (3)			Birthweight			Preterm (6)		Full Term LBW (7)	
	< Ideal	> Ideal		Low (4)		High (5)				
	Number	%	%	Number	%	%	Number	%	Number	%
Prepregnancy BMI										
Underweight	2,202	30.8	26.6	2,337	15.5	1.6	2,420	14.9	1,974	7.8
Normal Weight	20,463	22.0	40.6	21,655	9.2	5.0	22,318	11.7	18,971	4.1
Overweight	12,153	9.9	63.6	13,220	8.0	7.6	13,536	11.5	11,598	3.2
Obese	13,941	15.0	60.1	16,061	8.0	10.4	16,488	12.8	13,923	2.8
Weight Gain										
< Ideal	-	-	-	7,754	16.0	3.0	8,000	17.1	6,391	7.2
Ideal	-	-	-	14,663	8.9	4.8	15,040	11.9	12,842	3.9
> Ideal	-	-	-	24,182	6.4	10.0	24,640	10.2	21,493	2.5
Smoking During Pregnancy										
Smokers	7,447	19.4	49.1	8,703	11.2	4.4	9,045	12.8	7,549	5.6
Non-Smokers	32,054	16.7	52.1	38,587	7.5	8.2	39,698	11.5	33,967	3.1

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

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

(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

Table 14C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Trends in Racial Ethnic Distribution

Summary of Trends in Racial and Ethnic Distribution (2)								
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
2012	67,979	56.2	27.5	10.0	0.4	1.9	3.4	0.6
2011	68,268	57.0	27.3	10.0	0.4	1.7	2.9	0.6
2010	68,559	56.7	27.5	10.4	0.3	1.7	2.6	0.7

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

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

Table 15C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Trends in Age Distribution

Summary of Trends in Age Distribution (2)								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
2012	67,979	0.2	4.5	10.7	62.2	20.5	1.5	0.3
2011	68,268	0.2	4.9	11.5	61.7	19.9	1.5	0.3
2010	68,559	0.2	5.6	12.6	60.6	19.2	1.4	0.4

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

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

Table 16C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

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Summary of Trends in Maternal Health Indicators

Summary of Trends in Maternal Health Indicators (2)										
Year	Pregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
2012	61,322	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9
2011	62,450	4.4	54.4	50,780	17.6	51.0	10,073	35.7	13,689	27.5
2010	62,806	4.3	54.7	47,992	18.1	50.9	9,772	35.9	14,361	27.8

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 17C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Trends in Maternal Behavioral Indicators

Summary of Maternal Behavioral Indicators (2)					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
2012	61,308	79.8	10.6	67,038	38.0
2011	60,703	81.1	9.2	67,132	36.7
2010	58,935	80.9	8.9	67,582	37.6

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) Prenatal program participation

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

Table 18C
2012 Pregnancy Nutrition Surveillance (1)

Michigan
Summary of Trends in Smoking Indicators

Summary of Trends in Smoking Indicators (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
2012	63,074	32.4	61,988	16.9	16,769	38.6	55,382	16.0	61,994	4.9
2011	64,049	32.8	61,427	16.9	16,751	39.5	55,787	16.8	61,403	5.5
2010	64,920	32.9	59,649	17.3	16,257	37.9	56,370	17.9	59,648	6.1

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) Prenatal program participation

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

Table 19C
2012 Pregnancy Nutrition Surveillance (1)
Michigan
Summary of Trends in Infant Health Indicators

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
	Low (3)		High (4)	(5)		(6)			
	Number	%	%	Number	%	Number	%	Number	%
2012	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
2011	58,040	8.6	7.1	59,523	11.7	50,780	3.6	58,401	60.5
2010	56,075	8.5	7.2	57,799	12.0	48,927	3.6	56,127	59.8

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 20C
2012 Pregnancy Nutrition Surveillance (1)

Michigan

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

Summary of Trends in Maternal Health Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)		
		Under-Weight	Over-Weight		< Ideal	>Ideal	3rd Trimester		Postpartum	
							Number	%	%	Number
White, Not Hispanic										
	2012	34,970	4.9	52.5	27,986	15.8	52.6	5,083	30.1	7,816 21.4
	2011	35,938	4.7	52.0	29,299	16.4	52.3	5,356	25.9	8,181 20.2
	2010	35,972	4.6	52.7	27,288	16.6	52.5	5,149	27.5	7,734 19.8
	2009	0	*	*	0	*	*	0	*	0 *
Black, Not Hispanic										
	2012	17,110	3.9	59.6	13,731	18.6	51.7	3,333	52.3	3,057 43.8
	2011	17,305	3.9	59.1	14,259	18.4	51.5	3,424	52.4	3,756 42.7
	2010	17,540	3.7	58.9	13,814	19.1	51.2	3,373	49.7	4,650 41.4
	2009	0	*	*	0	*	*	0	*	0 *

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 20C
2012 Pregnancy Nutrition Surveillance (1)

Michigan

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

Summary of Trends in Maternal Health Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				
	Under-Weight		Over-Weight	< Ideal		>Ideal	3rd Trimester		Postpartum		
	Number	%	%	Number	%	%	Number	%	Number	%	
Hispanic	2012	5,787	2.3	61.1	4,353	22.9	44.5	727	36.9	942	29.3
	2011	6,083	2.6	60.1	4,770	22.1	44.0	777	33.7	1,004	30.1
	2010	6,349	2.9	59.1	4,692	22.8	43.3	810	35.2	1,329	27.2
	2009	0	*	*	0	*	*	0	*	0	*
American Individual/Alaska Native	2012	234	3.8	56.8	171	12.9	50.3	29	*	50	*
	2011	242	3.7	54.1	200	15.5	49.0	42	*	56	*
	2010	212	5.2	61.3	168	14.9	51.8	29	*	42	*
	2009	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 20C
2012 Pregnancy Nutrition Surveillance (1)

Michigan

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

Summary of Trends in Maternal Health Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				
	Under-Weight		Over-Weight	< Ideal		>Ideal	3rd Trimester		Postpartum		
	Number	%	%	Number	%	%	Number	%	Number	%	
Asian/Pacific Islander											
	2012	1,117	9.8	30.3	858	26.1	32.9	192	30.2	282	27.3
	2011	1,015	10.0	30.2	766	25.7	31.7	170	25.9	258	24.0
	2010	1,058	9.0	29.2	758	29.6	31.0	183	26.2	269	24.5
	2009	0	*	*	0	*	*	0	*	0	*
Multiple Races											
	2012	2,095	4.1	53.2	1,656	15.0	53.9	370	35.1	488	30.9
	2011	1,856	5.1	51.9	1,479	16.2	53.3	304	34.2	432	32.4
	2010	1,664	4.7	53.7	1,262	16.8	53.1	228	32.5	331	28.1
	2009	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 20C
2012 Pregnancy Nutrition Surveillance (1)

Michigan

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

Summary of Trends in Maternal Health Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-Weight	Over-Weight	< Ideal	>Ideal	3rd Trimester		Postpartum			
						Number	%	Number	%	Number	%
All Other/Unknown											
	2012	9	*	*	4	*	*	2	*	1	*
	2011	11	*	*	7	*	*	0	*	2	*
	2010	11	*	*	10	*	*	0	*	6	*
	2009	0	*	*	0	*	*	0	*	0	*
Total All Race/Ethnic Groups											
	2012	61,322	4.4	54.9	48,759	17.4	51.3	9,736	38.4	12,636	27.9
	2011	62,450	4.4	54.4	50,780	17.6	51.0	10,073	35.7	13,689	27.5
	2010	62,806	4.3	54.7	47,992	18.1	50.9	9,772	35.9	14,361	27.8
	2009	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) 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).

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

(5) 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

Table 21C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity (2)							
Race/Ethnicity and Year		Medical Care			WIC Enrollment		
		1st Trimester		No Care	1st Trimester		
		Number	%	%	Number	%	
White, Not Hispanic		2012	34,701	81.8	11.9	37,770	41.7
		2011	34,824	82.8	10.8	38,317	41.2
		2010	33,356	82.9	10.4	38,354	42.4
		2009	0	*	*	0	*
Black, Not Hispanic		2012	17,091	77.7	6.0	18,476	27.9
		2011	16,787	78.9	4.7	18,374	25.0
		2010	16,527	78.2	4.5	18,601	26.0
		2009	0	*	*	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

Table 21C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity (2)						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	2012	6,064	74.2	16.8	6,691	47.3
	2011	6,093	77.9	12.8	6,703	44.9
	2010	6,308	77.4	11.9	7,041	44.3
	2009	0	*	*	0	*
American Individual/Alaska Native	2012	219	81.3	8.2	257	38.9
	2011	224	82.1	8.5	257	46.3
	2010	205	79.5	10.7	222	44.1
	2009	0	*	*	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

Table 21C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity (2)							
Race/Ethnicity and Year		Medical Care			WIC Enrollment		
		1st Trimester		No Care	1st Trimester		
		Number	%	%	Number	%	
Asian/Pacific Islander		2012	1,152	80.9	9.9	1,295	33.0
		2011	1,015	83.8	7.4	1,138	34.0
		2010	1,001	83.5	7.2	1,175	34.8
		2009	0	*	*	0	*
Multiple Races		2012	2,076	78.8	10.7	2,260	39.0
		2011	1,756	79.0	11.1	1,965	39.0
		2010	1,535	80.8	9.5	1,761	41.0
		2009	0	*	*	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

Table 21C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity (2)							
Race/Ethnicity and Year		Medical Care			WIC Enrollment		
		1st Trimester		No Care	1st Trimester		
		Number	%	%	Number	%	
All Other/Unknown		2012	5	*	*	289	2.8
		2011	4	*	*	378	2.1
		2010	3	*	*	428	0.9
		2009	0	*	*	0	*
Total All Race/Ethnic Groups		2012	61,308	79.8	10.6	67,038	38.0
		2011	60,703	81.1	9.2	67,132	36.7
		2010	58,935	80.9	8.9	67,582	37.6
		2009	0	*	*	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

Table 22C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Smoking Indicators by Race/Ethnicity

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household					
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum			
	Number	%	Number	%		Number	%	Number	%		
White, Not Hispanic	2012	36,045	40.6	35,085	23.0	12,012	34.6	31,348	16.9	35,073	4.6
	2011	37,127	41.1	35,209	22.6	12,222	35.6	32,174	17.8	35,185	5.2
	2010	37,359	41.8	33,774	23.7	11,913	34.3	32,488	19.1	33,783	5.8
	2009	0	*	0	*	0	*	0	*	0	*
Black, Not Hispanic	2012	17,145	21.8	17,193	8.8	3,024	50.9	15,010	17.8	17,222	6.6
	2011	17,261	21.9	16,912	9.1	2,936	52.3	14,857	18.4	16,914	7.1
	2010	17,779	21.8	16,613	9.0	2,827	49.5	15,074	19.5	16,608	8.1
	2009	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors.

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

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

Table 22C
2012 Pregnancy Nutrition Surveillance (1)

Michigan

Summary of Trends in Smoking Indicators by Race/Ethnicity

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household					
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum			
	Number	%	Number	%		Number	%	Number	%		
Hispanic	2012	6,292	16.0	6,212	6.1	867	53.5	5,852	7.1	6,200	2.3
	2011	6,421	15.0	6,269	5.6	823	55.4	5,923	7.7	6,261	3.0
	2010	6,734	15.0	6,465	5.5	818	52.1	6,154	8.1	6,464	2.9
	2009	0	*	0	*	0	*	0	*	0	*
American Individual/Alaska Native	2012	235	51.9	216	31.5	98	*	212	17.5	217	9.7
	2011	247	53.0	221	37.6	106	25.5	226	18.1	223	7.2
	2010	209	51.2	207	32.9	91	*	187	18.2	207	6.8
	2009	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors.

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

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

Table 22C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Smoking Indicators by Race/Ethnicity

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household					
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum			
	Number	%	Number	%		Number	%	Number	%		
Asian/Pacific Islander	2012	1,237	4.4	1,182	0.9	42	*	1,026	3.5	1,181	1.1
	2011	1,110	4.7	1,037	1.8	41	*	935	5.2	1,034	2.3
	2010	1,153	5.1	1,024	1.6	42	*	948	5.1	1,024	2.5
	2009	0	*	0	*	0	*	0	*	0	*
Multiple Races	2012	2,112	40.6	2,095	22.7	725	34.8	1,929	18.9	2,096	5.7
	2011	1,878	42.1	1,774	24.3	623	35.0	1,672	23.3	1,781	7.1
	2010	1,683	42.1	1,563	23.5	566	34.8	1,519	24.4	1,559	7.9
	2009	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors.

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

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

Table 22C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Smoking Indicators by Race/Ethnicity

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household					
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum			
	Number	%	Number	%		Number	%	Number	%		
All Other/Unknown	2012	8	*	5	*	1	*	5	*	5	*
	2011	5	*	5	*	0	*	0	*	5	*
	2010	3	*	3	*	0	*	0	*	3	*
	2009	0	*	0	*	0	*	0	*	0	*
Total All Race/Ethnic Groups	2012	63,074	32.4	61,988	16.9	16,769	38.6	55,382	16.0	61,994	4.9
	2011	64,049	32.8	61,427	16.9	16,751	39.5	55,787	16.8	61,403	5.5
	2010	64,920	32.9	59,649	17.3	16,257	37.9	56,370	17.9	59,648	6.1
	2009	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes data with errors.

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

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

Table 23C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Infant Health Indicators by Race/Ethnicity

Summary of Trends in Infant Health Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year	Birthweight			Preterm		Full Term LBW		Ever Breastfed		
		Low (3)	High (4)	(5)		(6)				
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2012	32,941	7.2	8.9	33,927	10.5	29,275	3.0	33,177	66.8
	2011	33,198	7.0	8.6	34,052	10.1	29,612	2.8	33,409	65.9
	2010	31,628	6.8	8.7	32,664	10.4	28,162	2.8	31,715	64.7
	2009	0	*	*	0	*	0	*	0	*
Black, Not Hispanic	2012	16,377	12.7	3.8	16,849	15.7	13,690	5.3	16,429	47.6
	2011	16,193	12.7	4.1	16,543	15.1	13,609	5.5	16,250	47.5
	2010	15,843	12.6	4.0	16,244	15.3	13,259	5.8	15,749	46.3
	2009	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 23C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Infant Health Indicators by Race/Ethnicity

Summary of Trends in Infant Health Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year		Birthweight			Preterm		Full Term LBW		Ever Breastfed	
		Low		High	(5)		(6)			
		(3)	(4)							
		Number	%	%	Number	%	Number	%	Number	%
Hispanic	2012	5,766	6.5	8.5	5,924	11.2	5,068	2.6	5,809	64.6
	2011	5,821	6.4	7.6	6,001	11.8	5,084	2.7	5,881	62.9
	2010	6,015	6.3	7.5	6,200	12.2	5,223	2.3	6,066	65.8
	2009	0	*	*	0	*	0	*	0	*
American Individual/Alaska Native	2012	202	5.9	11.4	211	10.0	180	2.2	201	71.1
	2011	202	6.4	14.4	206	10.2	179	3.4	205	65.4
	2010	186	3.8	12.9	193	9.8	165	1.2	186	65.6
	2009	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 23C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Infant Health Indicators by Race/Ethnicity

Summary of Trends in Infant Health Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed		
		Low (3)		High (4)							
		Number	%	%	Number	%	Number	%	Number	%	
Asian/Pacific Islander		2012	1,118	10.6	4.4	1,154	12.2	977	6.3	1,125	72.4
		2011	953	9.3	3.6	999	12.3	825	5.2	971	71.9
		2010	960	8.4	5.3	997	10.2	861	3.9	970	73.0
		2009	0	*	*	0	*	0	*	0	*
Multiple Races		2012	1,959	9.4	6.8	2,041	13.2	1,682	3.6	1,970	65.0
		2011	1,669	8.5	6.5	1,717	10.8	1,467	3.4	1,681	64.4
		2010	1,441	8.7	7.6	1,498	11.7	1,255	4.1	1,439	63.6
		2009	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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

Table 23C
2012 Pregnancy Nutrition Surveillance (1)
Michigan

Summary of Trends in Infant Health Indicators by Race/Ethnicity

Summary of Trends in Infant Health Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year		Birthweight			Preterm		Full Term LBW		Ever Breastfed	
		Low (3)		High (4)	(5)		(6)			
		Number	%	%	Number	%	Number	%	Number	%
All Other/Unknown										
	2012	5	*	*	5	*	5	*	42	*
	2011	4	*	*	5	*	4	*	4	*
	2010	2	*	*	3	*	2	*	2	*
	2009	0	*	*	0	*	0	*	0	*
Total All Race/Ethnic Groups										
	2012	58,368	8.8	7.3	60,111	12.1	50,877	3.7	58,753	61.2
	2011	58,040	8.6	7.1	59,523	11.7	50,780	3.6	58,401	60.5
	2010	56,075	8.5	7.2	57,799	12.0	48,927	3.6	56,127	59.8
	2009	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31

(2) Excludes records with unknown data errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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