WIC PNSS & PedNSS

Table 3B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adair	*	*	*	*	*	*	*
Adams	*	*	*	*	*	*	*
Allamakee	*	*	*	*	*	*	*
Appanoose	*	*	*	*	*	*	*
Audubon	*	*	*	*	*	*	*
Benton	*	*	*	*	*	*	*
Blackhawk	58.3	23.2	8.4	0.6	5.7	3.9	0.0
Boone	*	*	*	*	*	*	*
Bremer	*	*	*	*	*	*	*
Buchanan	*	*	*	*	*	*	*
Buena Vist	28.0	5.3	51.5	0.8	14.4	0.0	0.0
Butler	*	*	*	*	*	*	*
Calhoun	*	*	*	*	*	*	*
Carroll	*	*	*	*	*	*	*
Cass	*	*	*	*	*	*	*
Cedar	*	*	*	*	*	*	*
Cerro Gord	77.2	4.3	12.1	0.0	3.9	2.6	0.0
Cherokee	*	*	*	*	*	*	*
Chickasaw	*	*	*	*	*	*	*
Clarke	*	*	*	*	*	*	*
Clay	*	*	*	*	*	*	*
Clayton	*	*	*	*	*	*	*
Clinton	77.5	10.4	9.3	0.0	0.5	2.2	0.0

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 3B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Crawford	36.8	6.8	52.1	0.9	3.4	0.0	0.0
Dallas	55.8	4.4	31.9	0.0	3.5	4.4	0.0
Davis	*	*	*	*	*	*	*
Decatur	*	*	*	*	*	*	*
Delaware	*	*	*	*	*	*	*
Des Moines	74.1	16.8	6.6	0.0	0.0	2.5	0.0
Dickinson	*	*	*	*	*	*	*
Dubuque	74.2	12.5	6.8	0.8	3.5	2.3	0.0
Emmet	*	*	*	*	*	*	*
Fayette	*	*	*	*	*	*	*
Floyd	*	*	*	*	*	*	*
Franklin	*	*	*	*	*	*	*
Fremont	*	*	*	*	*	*	*
Greene	*	*	*	*	*	*	*
Grundy	*	*	*	*	*	*	*
Guthrie	*	*	*	*	*	*	*
Hamilton	*	*	*	*	*	*	*
Hancock	*	*	*	*	*	*	*
Hardin	*	*	*	*	*	*	*
Harrison	*	*	*	*	*	*	*
Henry	*	*	*	*	*	*	*
Howard	*	*	*	*	*	*	*
Humboldt	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 3B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Ida	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*
Jackson	*	*	*	*	*	*	*
Jasper	*	*	*	*	*	*	*
Jefferson	*	*	*	*	*	*	*
Johnson	36.9	39.2	19.2	0.2	2.2	2.2	0.0
Jones	*	*	*	*	*	*	*
Keokuk	*	*	*	*	*	*	*
Kossuth	*	*	*	*	*	*	*
Lee	88.8	3.4	5.2	0.0	0.0	2.6	0.0
Linn	57.6	25.7	8.8	0.0	2.7	5.2	0.0
Louisa	*	*	*	*	*	*	*
Lucas	*	*	*	*	*	*	*
Lyon	*	*	*	*	*	*	*
Madison	*	*	*	*	*	*	*
Mahaska	*	*	*	*	*	*	*
Marion	*	*	*	*	*	*	*
Marshall	42.4	3.0	44.0	0.0	9.3	1.3	0.0
Mills	*	*	*	*	*	*	*
Mitchell	*	*	*	*	*	*	*
Monona	*	*	*	*	*	*	*
Monroe	*	*	*	*	*	*	*
Montgomery	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31
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* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 3B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Muscatine	58.3	6.8	32.6	0.0	2.3	0.0	0.0
O Brien	*	*	*	*	*	*	*
Osceola	*	*	*	*	*	*	*
Page	*	*	*	*	*	*	*
Palo Alto	*	*	*	*	*	*	*
Plymouth	*	*	*	*	*	*	*
Pocahontas	*	*	*	*	*	*	*
Polk	42.4	21.1	24.8	0.3	7.4	4.0	0.0
Pottawatta	79.3	2.3	14.3	1.0	0.8	2.3	0.0
Poweshiek	*	*	*	*	*	*	*
Ringgold	*	*	*	*	*	*	*
Sac	*	*	*	*	*	*	*
Scott	58.7	23.2	11.3	0.5	1.1	5.3	0.0
Shelby	*	*	*	*	*	*	*
Sioux	41.7	0.0	55.9	1.6	0.0	0.8	0.0
Story	75.1	7.1	6.2	0.0	9.8	1.8	0.0
Tama	*	*	*	*	*	*	*
Taylor	*	*	*	*	*	*	*
Union	*	*	*	*	*	*	*
Van Buren	*	*	*	*	*	*	*
Wapello	73.4	7.1	14.0	0.0	4.3	1.3	0.0
Warren	88.1	2.0	5.9	0.0	2.0	2.0	0.0
Washington	*	*	*	*	*	*	*

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

WIC PNSS & PedNSS

Table 3B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Wayne	*	*	*	*	*	*	*
Webster	79.7	8.4	8.4	0.5	0.0	3.0	0.0
Winnebago	*	*	*	*	*	*	*
Winneshiek	*	*	*	*	*	*	*
Woodbury	44.4	10.0	36.8	3.8	2.5	2.5	0.0
Worth	*	*	*	*	*	*	*
Wright	*	*	*	*	*	*	*
Iowa	**61.3**	**13.2**	**18.7**	**0.5**	**3.7**	**2.6**	**0.0**
National (Prior Year)	**53.3**	**21.1**	**16.9**	**2.2**	**2.9**	**3.1**	**0.5**

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 4B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adair	*	*	*	*	*	*	*
Adams	*	*	*	*	*	*	*
Allamakee	*	*	*	*	*	*	*
Appanoose	*	*	*	*	*	*	*
Audubon	*	*	*	*	*	*	*
Benton	*	*	*	*	*	*	*
Blackhawk	0.3	1.7	4.1	64.7	28.1	1.2	0.0
Boone	*	*	*	*	*	*	*
Bremer	*	*	*	*	*	*	*
Buchanan	*	*	*	*	*	*	*
Buena Vist	0.0	3.8	3.8	56.8	31.1	4.5	0.0
Butler	*	*	*	*	*	*	*
Calhoun	*	*	*	*	*	*	*
Carroll	*	*	*	*	*	*	*
Cass	*	*	*	*	*	*	*
Cedar	*	*	*	*	*	*	*
Cerro Gord	0.0	0.4	5.6	67.7	24.1	2.2	0.0
Cherokee	*	*	*	*	*	*	*
Chickasaw	*	*	*	*	*	*	*
Clarke	*	*	*	*	*	*	*
Clay	*	*	*	*	*	*	*
Clayton	*	*	*	*	*	*	*
Clinton	0.0	1.1	7.1	66.5	24.2	1.1	0.0
Crawford	0.0	3.4	0.9	65.0	29.1	1.7	0.0

(1) Reporting period is January 1 through December 31
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WIC PNSS & PedNSS

Table 4B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Dallas	0.9	4.4	3.5	57.5	31.0	2.7	0.0
Davis	*	*	*	*	*	*	*
Decatur	*	*	*	*	*	*	*
Delaware	*	*	*	*	*	*	*
Des Moines	0.0	5.1	9.1	55.8	28.9	1.0	0.0
Dickinson	*	*	*	*	*	*	*
Dubuque	0.0	3.5	8.3	58.9	28.1	1.0	0.3
Emmet	*	*	*	*	*	*	*
Fayette	*	*	*	*	*	*	*
Floyd	*	*	*	*	*	*	*
Franklin	*	*	*	*	*	*	*
Fremont	*	*	*	*	*	*	*
Greene	*	*	*	*	*	*	*
Grundy	*	*	*	*	*	*	*
Guthrie	*	*	*	*	*	*	*
Hamilton	*	*	*	*	*	*	*
Hancock	*	*	*	*	*	*	*
Hardin	*	*	*	*	*	*	*
Harrison	*	*	*	*	*	*	*
Henry	*	*	*	*	*	*	*
Howard	*	*	*	*	*	*	*
Humboldt	*	*	*	*	*	*	*
Ida	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 4B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Jackson	*	*	*	*	*	*	*
Jasper	*	*	*	*	*	*	*
Jefferson	*	*	*	*	*	*	*
Johnson	0.0	0.5	3.0	54.1	39.2	3.2	0.0
Jones	*	*	*	*	*	*	*
Keokuk	*	*	*	*	*	*	*
Kossuth	*	*	*	*	*	*	*
Lee	0.0	6.9	8.6	61.2	22.4	0.9	0.0
Linn	0.0	0.9	6.4	61.4	28.8	2.5	0.0
Louisa	*	*	*	*	*	*	*
Lucas	*	*	*	*	*	*	*
Lyon	*	*	*	*	*	*	*
Madison	*	*	*	*	*	*	*
Mahaska	*	*	*	*	*	*	*
Marion	*	*	*	*	*	*	*
Marshall	0.0	2.6	6.3	56.6	33.4	1.0	0.0
Mills	*	*	*	*	*	*	*
Mitchell	*	*	*	*	*	*	*
Monona	*	*	*	*	*	*	*
Monroe	*	*	*	*	*	*	*
Montgomery	*	*	*	*	*	*	*
Muscatine	0.0	2.7	8.7	60.2	26.1	2.3	0.0
O Brien	*	*	*	*	*	*	*
Osceola	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 4B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Page	*	*	*	*	*	*	*
Palo Alto	*	*	*	*	*	*	*
Plymouth	*	*	*	*	*	*	*
Pocahontas	*	*	*	*	*	*	*
Polk	0.0	2.4	6.8	57.6	30.0	3.1	0.0
Pottawatta	0.0	3.1	5.7	64.1	26.2	1.0	0.0
Poweshiek	*	*	*	*	*	*	*
Ringgold	*	*	*	*	*	*	*
Sac	*	*	*	*	*	*	*
Scott	0.3	3.2	7.8	61.6	25.6	1.5	0.0
Shelby	*	*	*	*	*	*	*
Sioux	0.0	6.3	8.7	49.6	29.9	4.7	0.8
Story	0.0	0.9	4.0	60.9	33.3	0.9	0.0
Tama	*	*	*	*	*	*	*
Taylor	*	*	*	*	*	*	*
Union	*	*	*	*	*	*	*
Van Buren	*	*	*	*	*	*	*
Wapello	0.0	1.8	7.4	64.7	24.6	1.3	0.3
Warren	0.0	1.0	5.9	62.4	29.7	1.0	0.0
Washington	*	*	*	*	*	*	*
Wayne	*	*	*	*	*	*	*
Webster	0.5	5.0	6.9	60.4	26.2	1.0	0.0
Winnebago	*	*	*	*	*	*	*
Winneshiek	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 4B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Woodbury	0.2	2.2	6.5	57.1	32.4	1.7	0.0
Worth	*	*	*	*	*	*	*
Wright	*	*	*	*	*	*	*
Iowa	**0.1**	**2.3**	**6.1**	**60.7**	**28.8**	**2.0**	**0.0**
National (Prior Year)	**0.1**	**2.9**	**8.1**	**62.2**	**24.7**	**1.8**	**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.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Adair		*	*		*	*		*		*		*		*
Adams		*	*		*	*		*		*		*		*
Allamakee		*	*		*	*		*		*		*		*
Appanoose		*	*		*	*		*		*		*		*
Audubon		*	*		*	*		*		*		*		*
Benton		*	*		*	*		*		*		*		*
Blackhawk		3.9 (9)	60.9 (7)		21.0 (7)	47.3 (8)		9.2 (4)		*		*		*
Boone		*	*		*	*		*		*		*		*
Bremer		*	*		*	*		*		*		*		*
Buchanan		*	*		*	*		*		*		*		*
Buena Vist		*	*		*	*		*		*		*		*
Butler		*	*		*	*		*		*		*		*
Calhoun		*	*		*	*		*		*		*		*
Carroll		*	*		*	*		*		*		*		*
Cass		*	*		*	*		*		*		*		*
Cedar		*	*		*	*		*		*		*		*
Cerro Gord		3.6 (6)	65.8 (15)		16.7 (2)	51.6 (13)		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Cherokee		*	*		*	*		*		*		*		*
Chickasaw		*	*		*	*		*		*		*		*
Clarke		*	*		*	*		*		*		*		*
Clay		*	*		*	*		*		*		*		*
Clayton		*	*		*	*		*		*		*		*
Clinton		4.8 (14)	65.8 (15)		23.7 (13)	53.3 (15)		*		*		*		*
Crawford		*	*		*	*		*		*		*		*
Dallas		*	*		*	*		*		*		*		*
Davis		*	*		*	*		*		*		*		*
Decatur		*	*		*	*		*		*		*		*
Delaware		*	*		*	*		*		*		*		*
Des Moines		4.3 (12)	60.0 (4)		12.0 (1)	56.4 (16)		*		*		*		*
Dickinson		*	*		*	*		*		*		*		*
Dubuque		4.8 (14)	62.3 (10)		19.7 (5)	51.7 (14)		*		*		*		*
Emmet		*	*		*	*		*		*		*		*
Fayette		*	*		*	*		*		*		*		*
Floyd		*	*		*	*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Franklin		*	*		*	*		*		*		*		*
Fremont		*	*		*	*		*		*		*		*
Greene		*	*		*	*		*		*		*		*
Grundy		*	*		*	*		*		*		*		*
Guthrie		*	*		*	*		*		*		*		*
Hamilton		*	*		*	*		*		*		*		*
Hancock		*	*		*	*		*		*		*		*
Hardin		*	*		*	*		*		*		*		*
Harrison		*	*		*	*		*		*		*		*
Henry		*	*		*	*		*		*		*		*
Howard		*	*		*	*		*		*		*		*
Humboldt		*	*		*	*		*		*		*		*
Ida		*	*		*	*		*		*		*		*
Iowa		*	*		*	*		*		*		*		*
Jackson		*	*		*	*		*		*		*		*
Jasper		*	*		*	*		*		*		*		*
Jefferson		*	*		*	*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Johnson		2.4 (1)	58.8 (3)		23.3 (12)	42.2 (4)		*		28.3 (3)		*		*
Jones		*	*		*	*		*		*		*		*
Keokuk		*	*		*	*		*		*		*		*
Kossuth		*	*		*	*		*		*		*		*
Lee		*	*		*	*		*		*		*		*
Linn		2.4 (1)	62.7 (12)		22.1 (10)	48.4 (10)		30.3 (5)		39.4 (4)		*		*
Louisa		*	*		*	*		*		*		*		*
Lucas		*	*		*	*		*		*		*		*
Lyon		*	*		*	*		*		*		*		*
Madison		*	*		*	*		*		*		*		*
Mahaska		*	*		*	*		*		*		*		*
Marion		*	*		*	*		*		*		*		*
Marshall		3.7 (7)	60.7 (6)		24.0 (14)	39.1 (1)		*		*		*		*
Mills		*	*		*	*		*		*		*		*
Mitchell		*	*		*	*		*		*		*		*
Monona		*	*		*	*		*		*		*		*
Monroe		*	*		*	*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Montgomery		*	*		*	*		*		*		*		*
Muscatine		3.8 (8)	62.6 (11)		19.5 (4)	47.8 (9)		*		*		*		*
O Brien		*	*		*	*		*		*		*		*
Osceola		*	*		*	*		*		*		*		*
Page		*	*		*	*		*		*		*		*
Palo Alto		*	*		*	*		*		*		*		*
Plymouth		*	*		*	*		*		*		*		*
Pocahontas		*	*		*	*		*		*		*		*
Polk		3.9 (9)	56.5 (2)		23.2 (11)	43.6 (5)		1.9 (2)		4.1 (2)		100.0 (1)		*
Pottawatta		5.1 (16)	60.6 (5)		21.7 (9)	48.7 (11)		7.3 (3)		*		*		*
Poweshiek		*	*		*	*		*		*		*		*
Ringgold		*	*		*	*		*		*		*		*
Sac		*	*		*	*		*		*		*		*
Scott		3.0 (4)	62.2 (9)		18.4 (3)	48.8 (12)		36.1 (7)		*		*		*
Shelby		*	*		*	*		*		*		*		*
Sioux		*	*		*	*		*		*		*		*
Story		4.3 (12)	54.0 (1)		20.9 (6)	41.8 (2)		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 5B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2,3)

County	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)
Tama		*	*		*	*		*		*		*		*
Taylor		*	*		*	*		*		*		*		*
Union		*	*		*	*		*		*		*		*
Van Buren		*	*		*	*		*		*		*		*
Wapello		4.1 (11)	61.5 (8)		24.3 (15)	45.8 (7)		31.7 (6)		*		*		*
Warren		*	*		*	*		*		*		*		*
Washington		*	*		*	*		*		*		*		*
Wayne		*	*		*	*		*		*		*		*
Webster		2.4 (1)	62.8 (13)		25.3 (16)	44.3 (6)		*		*		*		*
Winnebago		*	*		*	*		*		*		*		*
Winneshiek		*	*		*	*		*		*		*		*
Woodbury		3.5 (5)	63.2 (14)		21.6 (8)	41.9 (3)		1.7 (1)		3.5 (1)		*		*
Worth		*	*		*	*		*		*		*		*
Wright		*	*		*	*		*		*		*		*
Iowa		**3.5**	**61.2**		**22.5**	**45.7**		**14.4**		**14.4**		**100.0**		**100.0**
National (Prior Year)	**120,741**	**4.0**	**59.6**	**97,554**	**22.4**	**47.7**	**26,239**	**27.4**	**53,856**	**17.5**	**104,317**	**9.9**	**103,483**	**9.3**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 6B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2,3)									
County	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)
Adair		*	*		*		*		*
Adams		*	*		*		*		*
Allamakee		*	*		*		*		*
Appanoose		*	*		*		*		*
Audubon		*	*		*		*		*
Benton		*	*		*		*		*
Blackhawk		31.9 (10)	25.4 (16)		2.6 (4)		19.0 (5)		85.1 (13)
Boone		*	*		*		*		*
Bremer		*	*		*		*		*
Buchanan		*	*		*		*		*
Buena Vist		*	*		0.0 (17)		*		*
Butler		*	*		*		*		*
Calhoun		*	*		*		*		*
Carroll		*	*		*		*		*
Cass		*	*		*		*		*
Cedar		*	*		*		*		*
Cerro Gord		37.3 (4)	21.1 (12)		2.0 (7)		21.5 (3)		85.2 (12)
Cherokee		*	*		*		*		*
Chickasaw		*	*		*		*		*
Clarke		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 6B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2,3)									
County	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)
Clay		*	*		*		*		*
Clayton		*	*		*		*		*
Clinton		43.0 (2)	11.3 (7)		0.7 (14)		*		87.2 (7)
Crawford		*	*		0.0 (17)		*		*
Dallas		*	*		*		*		*
Davis		*	*		*		*		*
Decatur		*	*		*		*		*
Delaware		*	*		*		*		*
Des Moines		35.3 (5)	6.5 (2)		0.0 (17)		22.5 (2)		92.0 (2)
Dickinson		*	*		*		*		*
Dubuque		34.0 (8)	14.7 (10)		4.0 (1)		10.3 (12)		90.0 (4)
Emmet		*	*		*		*		*
Fayette		*	*		*		*		*
Floyd		*	*		*		*		*
Franklin		*	*		*		*		*
Fremont		*	*		*		*		*
Greene		*	*		*		*		*
Grundy		*	*		*		*		*
Guthrie		*	*		*		*		*
Hamilton		*	*		*		*		*
Hancock		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 6B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2,3)									
County	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)
Hardin		*	*		*		*		*
Harrison		*	*		*		*		*
Henry		*	*		*		*		*
Howard		*	*		*		*		*
Humboldt		*	*		*		*		*
Ida		*	*		*		*		*
Iowa		*	*		*		*		*
Jackson		*	*		*		*		*
Jasper		*	*		*		*		*
Jefferson		*	*		*		*		*
Johnson		15.3 (16)	23.0 (14)		1.6 (9)		17.6 (6)		87.6 (6)
Jones		*	*		*		*		*
Keokuk		*	*		*		*		*
Kossuth		*	*		*		*		*
Lee		*	*		0.0 (17)		*		*
Linn		25.3 (14)	10.9 (6)		0.8 (12)		15.5 (9)		89.6 (5)
Louisa		*	*		*		*		*
Lucas		*	*		*		*		*
Lyon		*	*		*		*		*
Madison		*	*		*		*		*
Mahaska		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 6B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2,3)									
County	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)
Marion		*	*		*		*		*
Marshall		47.1 (1)	6.3 (1)		0.7 (14)		11.1 (11)		85.8 (11)
Mills		*	*		*		*		*
Mitchell		*	*		*		*		*
Monona		*	*		*		*		*
Monroe		*	*		*		*		*
Montgomery		*	*		*		*		*
Muscatine		39.5 (3)	9.3 (4)		2.8 (3)		16.3 (8)		90.8 (3)
O Brien		*	*		*		*		*
Osceola		*	*		*		*		*
Page		*	*		*		*		*
Palo Alto		*	*		*		*		*
Plymouth		*	*		*		*		*
Pocahontas		*	*		*		*		*
Polk		30.6 (11)	11.4 (8)		1.3 (10)		11.5 (10)		86.7 (9)
Pottawatta		33.4 (9)	7.1 (3)		0.8 (12)		20.5 (4)		87.0 (8)
Poweshiek		*	*		*		*		*
Ringgold		*	*		*		*		*
Sac		*	*		*		*		*
Scott		35.2 (6)	14.5 (9)		1.9 (8)		*		*
Shelby		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 6B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2,3)									
County	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)
Sioux		*	*		3.5 (2)		*		*
Story		30.3 (12)	15.9 (11)		1.1 (11)		27.0 (1)		86.6 (10)
Tama		*	*		*		*		*
Taylor		*	*		*		*		*
Union		*	*		*		*		*
Van Buren		*	*		*		*		*
Wapello		24.7 (15)	24.4 (15)		2.3 (5)		*		*
Warren		*	*		*		*		*
Washington		*	*		*		*		*
Wayne		*	*		*		*		*
Webster		34.4 (7)	21.3 (13)		2.2 (6)		17.4 (7)		82.3 (14)
Winnebago		*	*		*		*		*
Winneshiek		*	*		*		*		*
Woodbury		28.5 (13)	9.8 (5)		0.7 (14)		*		93.4 (1)
Worth		*	*		*		*		*
Wright		*	*		*		*		*
Iowa		**30.9**	**13.1**		**1.5**		**19.6**		**88.2**
National (Prior Year)	**109,069**	**69.2**	**7.4**	**136,111**	**23.4**	**99,278**	**22.2**	**98,734**	**88.0**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Adair		*		*		*		*		*
Adams		*		*		*		*		*
Allamakee		*		*		*		*		*
Appanoose		*		*		*		*		*
Audubon		*		*		*		*		*
Benton		*		*		*		*		*
Blackhawk		35.1 (13)		19.6 (12)		18.4 (5)		9.5 (12)		3.6 (15)
Boone		*		*		*		*		*
Bremer		*		*		*		*		*
Buchanan		*		*		*		*		*
Buena Vist		11.0 (1)		5.4 (1)		*		4.0 (3)		5.9 (18)
Butler		*		*		*		*		*
Calhoun		*		*		*		*		*
Carroll		*		*		*		*		*
Cass		*		*		*		*		*
Cedar		*		*		*		*		*
Cerro Gord		35.7 (14)		23.7 (17)		*		7.2 (11)		1.4 (6)
Cherokee		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Chickasaw		*		*		*		*		*
Clarke		*		*		*		*		*
Clay		*		*		*		*		*
Clayton		*		*		*		*		*
Clinton		37.7 (15)		27.0 (18)		*		4.6 (4)		2.8 (9)
Crawford		*		*		*		*		*
Dallas		*		*		*		*		*
Davis		*		*		*		*		*
Decatur		*		*		*		*		*
Delaware		*		*		*		*		*
Des Moines		43.1 (16)		23.4 (16)		*		17.5 (17)		2.8 (9)
Dickinson		*		*		*		*		*
Dubuque		16.2 (3)		10.2 (4)		*		0.0 (1)		0.0 (1)
Emmet		*		*		*		*		*
Fayette		*		*		*		*		*
Floyd		*		*		*		*		*
Franklin		*		*		*		*		*
Fremont		*		*		*		*		*
Greene		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Grundy		*		*		*		*		*
Guthrie		*		*		*		*		*
Hamilton		*		*		*		*		*
Hancock		*		*		*		*		*
Hardin		*		*		*		*		*
Harrison		*		*		*		*		*
Henry		*		*		*		*		*
Howard		*		*		*		*		*
Humboldt		*		*		*		*		*
Ida		*		*		*		*		*
Iowa		*		*		*		*		*
Jackson		*		*		*		*		*
Jasper		*		*		*		*		*
Jefferson		*		*		*		*		*
Johnson		14.8 (2)		5.4 (1)		*		3.3 (2)		0.0 (1)
Jones		*		*		*		*		*
Keokuk		*		*		*		*		*
Kossuth		*		*		*		*		*
Lee		*		22.2 (13)		*		*		2.8 (9)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Linn		26.6 (9)		14.2 (8)		40.2 (1)		6.4 (10)		1.3 (5)
Louisa		*		*		*		*		*
Lucas		*		*		*		*		*
Lyon		*		*		*		*		*
Madison		*		*		*		*		*
Mahaska		*		*		*		*		*
Marion		*		*		*		*		*
Marshall		17.8 (4)		9.6 (3)		*		5.8 (7)		1.7 (7)
Mills		*		*		*		*		*
Mitchell		*		*		*		*		*
Monona		*		*		*		*		*
Monroe		*		*		*		*		*
Montgomery		*		*		*		*		*
Muscatine		23.1 (6)		12.3 (5)		*		10.9 (14)		4.4 (17)
O Brien		*		*		*		*		*
Osceola		*		*		*		*		*
Page		*		*		*		*		*
Palo Alto		*		*		*		*		*
Plymouth		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Pocahontas		*		*		*		*		*
Polk		23.0 (5)		13.9 (6)		23.7 (2)		5.4 (5)		1.7 (7)
Pottawatta		32.7 (12)		22.8 (14)		20.4 (4)		5.4 (5)		0.9 (3)
Poweshiek		*		*		*		*		*
Ringgold		*		*		*		*		*
Sac		*		*		*		*		*
Scott		30.7 (11)		18.4 (11)		20.7 (3)		13.0 (16)		3.2 (14)
Shelby		*		*		*		*		*
Sioux		*		*		*		*		*
Story		26.3 (8)		16.5 (10)		*		10.4 (13)		1.1 (4)
Tama		*		*		*		*		*
Taylor		*		*		*		*		*
Union		*		*		*		*		*
Van Buren		*		*		*		*		*
Wapello		27.5 (10)		14.0 (7)		*		11.6 (15)		4.2 (16)
Warren		*		*		*		*		*
Washington		*		*		*		*		*
Wayne		*		*		*		*		*
Webster		43.5 (17)		22.9 (15)		*		6.0 (8)		2.8 (9)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 7B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Winnebago		*		*		*		*		*
Winneshiek		*		*		*		*		*
Woodbury		25.3 (7)		14.5 (9)		*		6.1 (9)		2.9 (13)
Worth		*		*		*		*		*
Wright		*		*		*		*		*
Iowa		**28.1**		**16.7**		**26.3**		**7.3**		**2.3**
National (Prior Year)	**115,645**	**28.4**	**127,715**	**14.9**	**28,227**	**36.2**	**104,358**	**10.5**	**128,247**	**3.4**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)									
County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Adair		*	*		*		*		*
Adams		*	*		*		*		*
Allamakee		*	*		*		*		*
Appanoose		*	*		*		*		*
Audubon		*	*		*		*		*
Benton		*	*		*		*		*
Blackhawk		8.1 (14)	6.9 (7)		9.5 (9)		3.4 (14)		69.9 (13)
Boone		*	*		*		*		*
Bremer		*	*		*		*		*
Buchanan		*	*		*		*		*
Buena Vist		4.8 (2)	7.1 (9)		8.7 (5)		1.9 (2)		61.7 (18)
Butler		*	*		*		*		*
Calhoun		*	*		*		*		*
Carroll		*	*		*		*		*
Cass		*	*		*		*		*
Cedar		*	*		*		*		*
Cerro Gord		6.0 (5)	9.7 (18)		11.2 (13)		2.9 (11)		65.3 (16)
Cherokee		*	*		*		*		*
Chickasaw		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)									
County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Clarke		*	*		*		*		*
Clay		*	*		*		*		*
Clayton		*	*		*		*		*
Clinton		13.3 (21)	9.7 (18)		14.4 (19)		2.5 (6)		70.9 (11)
Crawford		8.8 (16)	6.2 (4)		15.0 (20)		*		65.5 (15)
Dallas		4.7 (1)	8.5 (16)		*		*		85.0 (2)
Davis		*	*		*		*		*
Decatur		*	*		*		*		*
Delaware		*	*		*		*		*
Des Moines		6.9 (11)	12.2 (21)		8.6 (4)		2.2 (4)		61.6 (19)
Dickinson		*	*		*		*		*
Dubuque		6.8 (10)	7.7 (12)		5.7 (1)		2.1 (3)		55.6 (20)
Emmet		*	*		*		*		*
Fayette		*	*		*		*		*
Floyd		*	*		*		*		*
Franklin		*	*		*		*		*
Fremont		*	*		*		*		*
Greene		*	*		*		*		*
Grundy		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)									
County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Guthrie		*	*		*		*		*
Hamilton		*	*		*		*		*
Hancock		*	*		*		*		*
Hardin		*	*		*		*		*
Harrison		*	*		*		*		*
Henry		*	*		*		*		*
Howard		*	*		*		*		*
Humboldt		*	*		*		*		*
Ida		*	*		*		*		*
Iowa		*	*		*		*		*
Jackson		*	*		*		*		*
Jasper		*	*		*		*		*
Jefferson		*	*		*		*		*
Johnson		13.0 (20)	7.2 (10)		12.0 (16)		4.7 (16)		86.7 (1)
Jones		*	*		*		*		*
Keokuk		*	*		*		*		*
Kossuth		*	*		*		*		*
Lee		10.9 (19)	5.5 (2)		7.9 (3)		*		43.6 (21)
Linn		6.7 (8)	9.4 (17)		9.0 (6)		3.1 (13)		68.0 (14)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)									
County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Louisa		*	*		*		*		*
Lucas		*	*		*		*		*
Lyon		*	*		*		*		*
Madison		*	*		*		*		*
Mahaska		*	*		*		*		*
Marion		*	*		*		*		*
Marshall		5.9 (4)	8.0 (14)		9.3 (8)		2.4 (5)		72.6 (9)
Mills		*	*		*		*		*
Mitchell		*	*		*		*		*
Monona		*	*		*		*		*
Monroe		*	*		*		*		*
Montgomery		*	*		*		*		*
Muscatine		4.8 (2)	6.0 (3)		10.4 (12)		2.6 (8)		79.6 (4)
O Brien		*	*		*		*		*
Osceola		*	*		*		*		*
Page		*	*		*		*		*
Palo Alto		*	*		*		*		*
Plymouth		*	*		*		*		*
Pocahontas		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Polk		7.4 (12)	7.9 (13)		9.6 (10)		2.6 (8)		78.9 (6)
Pottawatta		7.5 (13)	6.9 (7)		13.3 (18)		1.3 (1)		75.8 (7)
Poweshiek		*	*		*		*		*
Ringgold		*	*		*		*		*
Sac		*	*		*		*		*
Scott		9.8 (17)	6.7 (5)		11.2 (13)		5.4 (17)		64.0 (17)
Shelby		*	*		*		*		*
Sioux		6.7 (8)	6.7 (5)		11.8 (15)		*		85.0 (2)
Story		10.2 (18)	9.8 (20)		13.1 (17)		3.4 (14)		79.2 (5)
Tama		*	*		*		*		*
Taylor		*	*		*		*		*
Union		*	*		*		*		*
Van Buren		*	*		*		*		*
Wapello		6.1 (6)	7.5 (11)		9.1 (7)		2.7 (10)		75.8 (7)
Warren		*	*		*		*		*
Washington		*	*		*		*		*
Wayne		*	*		*		*		*
Webster		6.4 (7)	5.3 (1)		7.6 (2)		2.5 (6)		70.6 (12)
Winnebago		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Winneshiek		*	*		*		*		*
Woodbury		8.3 (15)	8.3 (15)		10.1 (11)		3.0 (12)		71.6 (10)
Worth		*	*		*		*		*
Wright		*	*		*		*		*
Iowa		**7.6**	**8.0**		**10.2**		**2.9**		**72.0**
National (Prior Year)	**125,347**	**9.3**	**6.9**	**125,751**	**11.6**	**106,512**	**3.9**	**126,356**	**53.2**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* National includes previous year's data for all participating States and ITOs.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 3B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adair	*	*	*	*	*	*	*
Adams	*	*	*	*	*	*	*
Allamakee	59.7	8.9	30.9	0.0	0.0	0.4	0.0
Appanoose	*	*	*	*	*	*	*
Audubon	*	*	*	*	*	*	*
Benton	98.5	0.0	0.0	0.0	0.0	1.5	0.0
Blackhawk	58.6	22.4	9.2	0.4	4.9	4.1	0.3
Boone	*	*	*	*	*	*	*
Bremer	*	*	*	*	*	*	*
Buchanan	94.3	0.7	5.0	0.0	0.0	0.0	0.0
Buena Vist	25.3	4.2	52.4	0.4	17.1	0.6	0.0
Butler	*	*	*	*	*	*	*
Calhoun	*	*	*	*	*	*	*
Carroll	78.6	8.0	12.5	0.0	0.9	0.0	0.0
Cass	88.9	0.6	9.9	0.0	0.0	0.6	0.0
Cedar	*	*	*	*	*	*	*
Cerro Gord	80.2	4.7	10.1	0.3	2.6	2.1	0.0
Cherokee	90.7	1.6	7.8	0.0	0.0	0.0	0.0
Chickasaw	*	*	*	*	*	*	*
Clarke	63.6	0.0	34.1	0.0	1.7	0.6	0.0
Clay	82.1	0.0	14.5	0.0	2.1	1.3	0.0
Clayton	87.4	0.0	7.9	0.0	2.4	2.4	0.0
Clinton	79.3	10.5	7.6	0.0	0.3	2.3	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.

WIC PNSS & PedNSS

Table 3B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Crawford	34.0	3.8	55.8	0.2	6.2	0.0	0.0
Dallas	59.3	4.3	31.9	0.0	2.6	2.0	0.0
Davis	*	*	*	*	*	*	*
Decatur	*	*	*	*	*	*	*
Delaware	*	*	*	*	*	*	*
Des Moines	75.5	16.8	5.6	0.0	0.5	1.6	0.0
Dickinson	*	*	*	*	*	*	*
Dubuque	74.4	12.4	7.3	0.3	3.2	2.3	0.0
Emmet	60.0	5.0	32.9	0.0	0.7	1.4	0.0
Fayette	89.7	3.4	5.2	0.0	0.0	1.7	0.0
Floyd	77.2	8.9	7.9	0.0	4.5	1.5	0.0
Franklin	55.4	0.7	43.9	0.0	0.0	0.0	0.0
Fremont	*	*	*	*	*	*	*
Greene	*	*	*	*	*	*	*
Grundy	*	*	*	*	*	*	*
Guthrie	*	*	*	*	*	*	*
Hamilton	67.2	0.5	29.9	0.0	2.0	0.5	0.0
Hancock	*	*	*	*	*	*	*
Hardin	81.8	0.9	12.7	0.0	0.0	4.5	0.0
Harrison	93.9	0.9	5.3	0.0	0.0	0.0	0.0
Henry	77.0	6.5	12.9	0.0	2.3	1.4	0.0
Howard	*	*	*	*	*	*	*
Humboldt	*	*	*	*	*	*	*
Ida	*	*	*	*	*	*	*

(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

Table 3B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Iowa	*	*	*	*	*	*	*
Jackson	85.5	1.7	1.7	0.0	9.4	1.7	0.0
Jasper	85.2	3.8	8.9	0.0	0.8	0.8	0.5
Jefferson	84.6	1.9	6.7	0.0	4.8	1.9	0.0
Johnson	36.7	39.8	18.3	0.1	3.2	1.9	0.0
Jones	*	*	*	*	*	*	*
Keokuk	*	*	*	*	*	*	*
Kossuth	79.8	3.5	14.0	0.0	0.0	2.6	0.0
Lee	88.5	4.1	4.3	0.0	0.4	2.6	0.0
Linn	60.9	23.2	8.0	0.2	2.2	4.3	1.1
Louisa	*	*	*	*	*	*	*
Lucas	*	*	*	*	*	*	*
Lyon	*	*	*	*	*	*	*
Madison	*	*	*	*	*	*	*
Mahaska	88.4	3.9	6.8	0.0	0.5	0.5	0.0
Marion	90.5	1.9	6.0	0.3	0.6	0.6	0.0
Marshall	39.7	3.1	46.0	0.4	9.7	1.0	0.0
Mills	*	*	*	*	*	*	*
Mitchell	*	*	*	*	*	*	*
Monona	*	*	*	*	*	*	*
Monroe	*	*	*	*	*	*	*
Montgomery	91.2	0.0	7.7	0.0	0.6	0.6	0.0
Muscatine	60.6	4.8	32.8	0.0	1.8	0.1	0.0
O Brien	56.5	1.9	38.3	0.0	2.6	0.6	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.

WIC PNSS & PedNSS

Table 3B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Osceola	*	*	*	*	*	*	*
Page	91.5	0.0	7.9	0.0	0.0	0.6	0.0
Palo Alto	*	*	*	*	*	*	*
Plymouth	72.8	1.2	20.7	1.8	2.4	1.2	0.0
Pocahontas	*	*	*	*	*	*	*
Polk	45.4	17.8	24.2	0.3	7.7	4.6	0.0
Pottawatta	78.1	3.3	15.0	0.5	0.5	2.5	0.0
Poweshiek	87.9	1.9	8.3	0.0	0.6	1.3	0.0
Ringgold	*	*	*	*	*	*	*
Sac	*	*	*	*	*	*	*
Scott	60.8	22.8	10.6	0.3	1.2	4.3	0.0
Shelby	85.6	0.0	12.5	1.9	0.0	0.0	0.0
Sioux	44.4	0.0	54.2	0.7	0.2	0.4	0.0
Story	68.7	6.9	11.0	0.2	11.7	1.5	0.0
Tama	44.3	0.8	35.0	17.1	0.4	2.4	0.0
Taylor	*	*	*	*	*	*	*
Union	88.5	2.4	8.5	0.7	0.0	0.0	0.0
Van Buren	*	*	*	*	*	*	*
Wapello	73.0	7.7	15.2	0.1	2.7	1.3	0.0
Warren	90.1	1.3	6.6	0.3	0.7	0.7	0.3
Washington	65.7	0.7	30.6	0.0	0.0	3.0	0.0
Wayne	*	*	*	*	*	*	*
Webster	79.7	6.7	11.0	0.3	0.0	2.2	0.0
Winnebago	87.8	0.8	9.2	0.8	0.0	1.5	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.

WIC PNSS & PedNSS

Table 3B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Winneshiek	*	*	*	*	*	*	*
Woodbury	44.3	10.3	36.6	3.2	3.2	2.4	0.0
Worth	*	*	*	*	*	*	*
Wright	41.4	0.9	57.7	0.0	0.0	0.0	0.0
Iowa	**62.3**	**12.3**	**18.4**	**0.5**	**3.7**	**2.6**	**0.1**

(1) Reporting period is January 1 through December 31.
(2) Excludes data with errors.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 4B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adair	*	*	*	*	*	*	*
Adams	*	*	*	*	*	*	*
Allamakee	0.0	2.1	4.2	64.0	29.2	0.4	0.0
Appanoose	*	*	*	*	*	*	*
Audubon	*	*	*	*	*	*	*
Benton	0.0	3.0	3.8	71.2	21.2	0.8	0.0
Blackhawk	0.3	1.8	5.2	64.7	27.0	1.1	0.0
Boone	*	*	*	*	*	*	*
Bremer	*	*	*	*	*	*	*
Buchanan	0.0	3.5	5.7	61.7	27.7	1.4	0.0
Buena Vist	0.0	2.6	6.6	62.9	25.1	2.8	0.0
Butler	*	*	*	*	*	*	*
Calhoun	*	*	*	*	*	*	*
Carroll	0.0	0.0	5.4	62.9	29.9	1.8	0.0
Cass	0.0	1.9	11.7	61.7	24.1	0.0	0.6
Cedar	*	*	*	*	*	*	*
Cerro Gord	0.0	1.7	8.3	66.5	22.2	1.3	0.0
Cherokee	0.0	0.8	10.1	66.7	20.9	1.6	0.0
Chickasaw	*	*	*	*	*	*	*
Clarke	0.0	0.6	5.2	61.8	27.2	5.2	0.0
Clay	0.0	1.3	5.1	71.5	20.9	1.3	0.0
Clayton	0.0	0.8	0.8	70.9	26.0	1.6	0.0
Clinton	0.0	3.0	7.4	64.7	23.7	0.9	0.2
Crawford	0.0	3.1	7.1	58.2	29.5	2.1	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.

WIC PNSS & PedNSS

Table 4B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Dallas	0.3	4.0	4.6	56.1	31.6	3.4	0.0
Davis	*	*	*	*	*	*	*
Decatur	*	*	*	*	*	*	*
Delaware	*	*	*	*	*	*	*
Des Moines	0.0	4.5	10.2	62.6	21.4	1.3	0.0
Dickinson	*	*	*	*	*	*	*
Dubuque	0.1	3.2	8.5	62.9	23.8	1.2	0.3
Emmet	0.0	0.7	7.1	68.6	22.9	0.7	0.0
Fayette	0.0	1.7	9.8	63.2	23.0	2.3	0.0
Floyd	0.0	0.0	2.5	65.3	31.2	1.0	0.0
Franklin	0.7	2.2	5.8	55.4	32.4	3.6	0.0
Fremont	*	*	*	*	*	*	*
Greene	*	*	*	*	*	*	*
Grundy	*	*	*	*	*	*	*
Guthrie	*	*	*	*	*	*	*
Hamilton	0.0	3.9	11.3	57.8	22.5	4.4	0.0
Hancock	*	*	*	*	*	*	*
Hardin	0.0	0.0	4.5	72.7	20.9	1.8	0.0
Harrison	0.0	0.0	3.5	69.3	27.2	0.0	0.0
Henry	0.0	2.3	5.1	69.6	21.7	1.4	0.0
Howard	*	*	*	*	*	*	*
Humboldt	*	*	*	*	*	*	*
Ida	*	*	*	*	*	*	*
Iowa	*	*	*	*	*	*	*

(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

Table 4B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Jackson	0.0	0.9	7.7	69.2	22.2	0.0	0.0
Jasper	0.0	2.4	6.5	67.9	21.3	1.9	0.0
Jefferson	0.0	1.9	1.9	68.3	26.0	1.9	0.0
Johnson	0.0	0.9	4.6	53.3	37.7	3.5	0.0
Jones	*	*	*	*	*	*	*
Keokuk	*	*	*	*	*	*	*
Kossuth	0.0	1.8	7.9	64.0	24.6	1.8	0.0
Lee	0.0	5.0	11.3	67.5	16.0	0.2	0.0
Linn	0.1	1.6	6.3	63.0	27.3	1.6	0.0
Louisa	*	*	*	*	*	*	*
Lucas	*	*	*	*	*	*	*
Lyon	*	*	*	*	*	*	*
Madison	*	*	*	*	*	*	*
Mahaska	0.0	2.9	8.7	68.1	16.9	2.4	1.0
Marion	0.0	3.2	6.3	64.8	24.1	1.6	0.0
Marshall	0.1	2.6	7.9	59.0	29.1	1.3	0.0
Mills	*	*	*	*	*	*	*
Mitchell	*	*	*	*	*	*	*
Monona	*	*	*	*	*	*	*
Monroe	*	*	*	*	*	*	*
Montgomery	0.0	1.7	11.0	64.1	21.5	1.7	0.0
Muscatine	0.1	3.0	8.2	62.2	24.3	2.2	0.0
O Brien	0.0	3.9	6.5	58.4	29.9	1.3	0.0
Osceola	*	*	*	*	*	*	*

(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

Table 4B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Page	0.0	3.4	4.5	69.5	20.3	2.3	0.0
Palo Alto	*	*	*	*	*	*	*
Plymouth	0.0	1.2	10.7	55.0	30.8	2.4	0.0
Pocahontas	*	*	*	*	*	*	*
Polk	0.1	2.7	6.8	58.2	29.6	2.7	0.0
Pottawatta	0.1	3.2	7.2	66.3	22.1	1.2	0.0
Poweshiek	0.0	1.9	3.2	72.0	22.3	0.6	0.0
Ringgold	*	*	*	*	*	*	*
Sac	*	*	*	*	*	*	*
Scott	0.1	3.5	8.3	63.4	23.7	1.0	0.0
Shelby	0.0	1.0	4.8	73.1	19.2	1.9	0.0
Sioux	0.2	3.3	7.8	56.2	29.4	2.4	0.7
Story	0.0	1.2	5.4	56.3	34.7	2.4	0.0
Tama	0.0	2.4	5.7	61.8	28.5	1.6	0.0
Taylor	*	*	*	*	*	*	*
Union	0.0	4.7	8.1	63.4	21.7	1.7	0.3
Van Buren	*	*	*	*	*	*	*
Wapello	0.1	2.7	8.1	63.3	24.5	1.3	0.1
Warren	0.0	1.0	4.6	64.1	29.3	1.0	0.0
Washington	0.0	1.5	4.5	62.7	29.9	0.7	0.7
Wayne	*	*	*	*	*	*	*
Webster	0.2	4.3	7.1	63.9	23.6	0.9	0.0
Winnebago	0.0	1.5	6.1	71.0	20.6	0.8	0.0
Winneshiek	*	*	*	*	*	*	*

(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

Table 4B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

County	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Woodbury	0.0	2.1	6.7	61.8	27.5	1.9	0.0
Worth	*	*	*	*	*	*	*
Wright	0.9	4.5	8.6	59.1	25.5	1.4	0.0
Iowa	**0.1**	**2.4**	**6.8**	**62.1**	**26.8**	**1.8**	**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.

WIC PNSS & PedNSS

Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Adair		*	*		*	*		*		*		*		*
Adams		*	*		*	*		*		*		*		*
Allamakee		2.1 (8)	66.1 (45)		28.5 (41)	41.1 (7)		*		*		*		*
Appanoose		*	*		*	*		*		*		*		*
Audubon		*	*		*	*		*		*		*		*
Benton		6.0 (45)	66.4 (47)		*	*		*		*		*		*
Blackhawk		3.0 (15)	61.8 (26)		22.7 (26)	46.0 (17)		10.7 (11)		7.1 (4)		41.0 (3)		34.3 (4)
Boone		*	*		*	*		*		*		*		*
Bremer		*	*		*	*		*		*		*		*
Buchanan		2.4 (11)	73.2 (50)		16.2 (3)	52.4 (40)		*		*		*		*
Buena Vist		3.6 (24)	59.4 (9)		24.2 (31)	40.9 (6)		2.7 (4)		*		*		*
Butler		*	*		*	*		*		*		*		*
Calhoun		*	*		*	*		*		*		*		*
Carroll		2.2 (10)	64.8 (41)		16.9 (5)	52.4 (40)		*		*		*		*
Cass		8.8 (50)	57.7 (4)		27.2 (40)	48.0 (25)		*		*		*		*
Cedar		*	*		*	*		*		*		*		*
Cerro Gord		3.0 (15)	62.3 (28)		19.6 (8)	49.4 (32)		4.4 (6)		*		45.4 (5)		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Cherokee		2.8 (13)	59.3 (8)		*	*		*		*		*		*
Chickasaw		*	*		*	*		*		*		*		*
Clarke		3.8 (28)	64.7 (40)		26.5 (38)	42.7 (11)		*		*		*		*
Clay		1.5 (2)	63.1 (32)		27.0 (39)	42.1 (9)		*		*		*		*
Clayton		*	*		*	*		*		*		*		*
Clinton		4.3 (36)	61.2 (21)		21.3 (16)	52.1 (38)		29.5 (16)		*		*		*
Crawford		3.0 (15)	61.8 (26)		26.0 (37)	39.5 (4)		4.9 (7)		*		*		*
Dallas		3.8 (28)	61.2 (21)		24.4 (32)	41.5 (8)		*		*		*		*
Davis		*	*		*	*		*		*		*		*
Decatur		*	*		*	*		*		*		*		*
Delaware		*	*		*	*		*		*		*		*
Des Moines		6.3 (46)	58.1 (6)		16.8 (4)	52.5 (42)		7.2 (9)		*		*		*
Dickinson		*	*		*	*		*		*		*		*
Dubuque		4.3 (36)	57.7 (4)		19.7 (9)	49.5 (33)		47.4 (20)		*		44.3 (4)		14.4 (1)
Emmet		1.8 (5)	62.5 (30)		15.4 (1)	51.9 (36)		*		*		*		*
Fayette		1.5 (2)	66.2 (46)		30.4 (42)	42.9 (12)		*		*		*		*
Floyd		3.8 (28)	63.1 (32)		21.4 (17)	47.9 (24)		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Franklin		1.8 (5)	64.5 (38)		*	*		*		*		*		*
Fremont		*	*		*	*		*		*		*		*
Greene		*	*		*	*		*		*		*		*
Grundy		*	*		*	*		*		*		*		*
Guthrie		*	*		*	*		*		*		*		*
Hamilton		3.7 (26)	60.4 (18)		25.7 (35)	43.4 (13)		*		*		*		*
Hancock		*	*		*	*		*		*		*		*
Hardin		*	*		*	*		*		*		*		*
Harrison		*	*		*	*		*		*		*		*
Henry		2.4 (11)	60.8 (20)		22.5 (24)	48.6 (29)		*		*		*		*
Howard		*	*		*	*		*		*		*		*
Humboldt		*	*		*	*		*		*		*		*
Ida		*	*		*	*		*		*		*		*
Iowa		*	*		*	*		*		*		*		*
Jackson		4.0 (31)	69.0 (48)		*	*		*		*		*		*
Jasper		3.3 (19)	60.7 (19)		21.7 (19)	46.5 (18)		*		*		*		*
Jefferson		*	*		*	*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Johnson		3.6 (24)	55.4 (2)		25.5 (34)	40.4 (5)		37.6 (18)		26.7 (10)		68.0 (8)		*
Jones		*	*		*	*		*		*		*		*
Keokuk		*	*		*	*		*		*		*		*
Kossuth		*	*		*	*		*		*		*		*
Lee		4.4 (38)	63.8 (35)		20.6 (11)	48.7 (30)		3.5 (5)		*		*		*
Linn		3.3 (19)	61.5 (24)		21.0 (15)	49.1 (31)		34.3 (17)		31.0 (11)		57.4 (7)		39.4 (5)
Louisa		*	*		*	*		*		*		*		*
Lucas		*	*		*	*		*		*		*		*
Lyon		*	*		*	*		*		*		*		*
Madison		*	*		*	*		*		*		*		*
Mahaska		1.7 (4)	62.9 (31)		22.2 (22)	48.1 (26)		*		*		*		*
Marion		6.8 (47)	59.7 (11)		23.3 (28)	47.8 (23)		*		*		*		*
Marshall		4.4 (38)	60.0 (14)		25.9 (36)	38.9 (2)		14.4 (12)		15.2 (6)		68.3 (9)		*
Mills		*	*		*	*		*		*		*		*
Mitchell		*	*		*	*		*		*		*		*
Monona		*	*		*	*		*		*		*		*
Monroe		*	*		*	*		*		*		*		*

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(3) Rank compares one County's rate to other Counties. 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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WIC PNSS & PedNSS

Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Montgomery		7.7 (49)	64.5 (38)		22.0 (21)	50.4 (34)		*		*		*		*
Muscatine		4.0 (31)	60.0 (14)		20.9 (14)	46.9 (20)		2.3 (2)		*		*		*
O Brien		1.8 (5)	65.5 (43)		23.0 (27)	52.0 (37)		*		*		*		*
Osceola		*	*		*	*		*		*		*		*
Page		5.3 (43)	64.0 (37)		22.2 (22)	50.8 (35)		*		*		*		*
Palo Alto		*	*		*	*		*		*		*		*
Plymouth		7.2 (48)	61.2 (21)		22.5 (24)	46.5 (18)		*		*		*		*
Pocahontas		*	*		*	*		*		*		*		*
Polk		4.1 (34)	57.0 (3)		25.1 (33)	42.1 (9)		2.6 (3)		3.5 (2)		77.2 (10)		62.2 (7)
Pottawatta		3.7 (26)	59.7 (11)		20.4 (10)	48.4 (28)		7.9 (10)		4.9 (3)		28.9 (2)		29.4 (2)
Poweshiek		4.8 (40)	69.8 (49)		15.9 (2)	52.2 (39)		*		*		*		*
Ringgold		*	*		*	*		*		*		*		*
Sac		*	*		*	*		*		*		*		*
Scott		4.9 (41)	60.0 (14)		21.8 (20)	47.0 (21)		39.4 (19)		22.6 (9)		23.5 (1)		42.7 (6)
Shelby		*	*		*	*		*		*		*		*
Sioux		0.8 (1)	59.8 (13)		30.4 (42)	39.4 (3)		0.0 (1)		1.6 (1)		*		*
Story		5.0 (42)	55.1 (1)		20.7 (12)	43.9 (14)		17.8 (14)		16.4 (7)		*		*

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(3) Rank compares one County's rate to other Counties. 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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Table 5B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Health Indicators by County

Combined 3 Years

Comparison of Maternal Health Indicators (2,3)

County	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)
Tama		2.9 (14)	65.0 (42)		23.8 (29)	47.0 (21)		*		*		*		*
Taylor		*	*		*	*		*		*		*		*
Union		3.4 (21)	63.8 (35)		17.6 (6)	53.8 (44)		*		*		*		*
Van Buren		*	*		*	*		*		*		*		*
Wapello		4.1 (34)	61.6 (25)		23.8 (29)	45.8 (16)		21.3 (15)		22.4 (8)		*		*
Warren		3.4 (21)	65.7 (44)		18.3 (7)	53.2 (43)		*		*		*		*
Washington		4.0 (31)	58.4 (7)		*	*		*		*		*		*
Wayne		*	*		*	*		*		*		*		*
Webster		3.0 (15)	63.1 (32)		20.7 (12)	48.1 (26)		16.2 (13)		*		*		*
Winnebago		5.5 (44)	62.4 (29)		*	*		*		*		*		*
Winneshiek		*	*		*	*		*		*		*		*
Woodbury		3.5 (23)	60.3 (17)		21.4 (17)	44.3 (15)		5.6 (8)		8.4 (5)		51.9 (6)		30.3 (3)
Worth		*	*		*	*		*		*		*		*
Wright		2.1 (8)	59.4 (9)		34.6 (44)	33.3 (1)		*		*		*		*
Iowa		**3.8**	**60.1**		**22.7**	**45.7**		**15.5**		**15.4**		**48.2**		**35.0**

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(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)

County	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)
air		*	*		*		*		*
Adams		*	*		*		*		*
Allamakee		25.3 (34)	20.4 (22)		7.3 (40)		23.4 (9)		87.8 (13)
Appanoose		*	*		*		*		*
Audubon		*	*		*		*		*
Benton		*	*		17.5 (1)		*		*
Blackhawk		36.9 (6)	24.7 (34)		11.8 (13)		17.1 (27)		85.7 (16)
Boone		*	*		*		*		*
Bremer		*	*		*		*		*
Buchanan		*	*		10.6 (23)		*		*
Buena Vist		15.5 (42)	20.7 (23)		5.5 (50)		34.6 (2)		91.6 (4)
Butler		*	*		*		*		*
Calhoun		*	*		*		*		*
Carroll		24.2 (37)	15.9 (15)		4.6 (52)		*		69.8 (39)
Cass		41.8 (1)	15.5 (12)		6.9 (43)		*		*
Cedar		*	*		*		*		*
Cerro Gord		30.1 (21)	34.7 (42)		13.1 (6)		23.1 (11)		84.5 (18)
Cherokee		*	*		11.5 (18)		*		*
Chickasaw		*	*		*		*		*
Clarke		28.6 (29)	32.1 (40)		13.9 (5)		17.3 (26)		92.2 (3)
Clay		23.9 (38)	25.6 (37)		5.8 (48)		40.5 (1)		88.3 (11)

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(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.
(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)

County	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)
Clayton		*	*		6.7 (46)		*		*
Clinton		33.9 (13)	14.1 (7)		9.4 (31)		21.1 (16)		87.1 (15)
Crawford		29.9 (22)	21.4 (25)		6.8 (44)		31.6 (4)		70.9 (38)
Dallas		26.7 (32)	24.3 (32)		10.2 (24)		23.3 (10)		69.6 (41)
Davis		*	*		*		*		*
Decatur		*	*		*		*		*
Delaware		*	*		*		*		*
Des Moines		28.7 (27)	14.5 (8)		6.3 (47)		15.0 (34)		90.6 (6)
Dickinson		*	*		*		*		*
Dubuque		31.6 (18)	23.6 (31)		11.6 (16)		15.9 (30)		89.4 (9)
Emmet		28.7 (27)	16.7 (17)		3.4 (53)		*		92.9 (2)
Fayette		27.0 (31)	23.5 (30)		10.9 (21)		22.7 (12)		88.6 (10)
Floyd		39.9 (3)	29.1 (38)		9.9 (27)		27.0 (6)		85.5 (17)
Franklin		*	*		14.0 (4)		20.4 (18)		82.4 (23)
Fremont		*	*		*		*		*
Greene		*	*		*		*		*
Grundy		*	*		*		*		*
Guthrie		*	*		*		*		*
Hamilton		34.2 (11)	30.1 (39)		15.1 (2)		18.4 (20)		77.8 (31)
Hancock		*	*		*		*		*
Hardin		*	*		*		*		*

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(3) Rank compares one County's rate to other Counties. 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.
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WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)

County	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)
Harrison		*	*		9.4 (31)		*		*
Henry		29.6 (24)	15.8 (14)		10.2 (24)		21.0 (17)		87.6 (14)
Howard		*	*		*		*		*
Humboldt		*	*		*		*		*
Ida		*	*		*		*		*
Iowa		*	*		*		*		*
Jackson		*	*		7.9 (38)		*		*
Jasper		30.9 (20)	8.5 (1)		9.4 (31)		17.8 (22)		83.3 (20)
Jefferson		*	*		*		*		*
Johnson		18.6 (41)	21.7 (27)		7.3 (40)		18.1 (21)		80.0 (26)
Jones		*	*		*		*		*
Keokuk		*	*		*		*		*
Kossuth		*	*		12.7 (7)		*		*
Lee		24.3 (36)	15.4 (11)		7.5 (39)		17.6 (24)		91.3 (5)
Linn		23.5 (39)	16.9 (19)		9.1 (35)		15.5 (32)		80.8 (25)
Louisa		*	*		*		*		*
Lucas		*	*		*		*		*
Lyon		*	*		*		*		*
Madison		*	*		*		*		*
Mahaska		32.3 (16)	11.0 (2)		10.1 (26)		12.5 (37)		78.2 (30)
Marion		25.1 (35)	16.8 (18)		9.3 (34)		30.8 (5)		79.8 (27)

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(3) Rank compares one County's rate to other Counties. 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.
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WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)

County	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)
Marshall		40.0 (2)	15.2 (10)		11.9 (10)		11.6 (38)		74.8 (36)
Mills		*	*		*		*		*
Mitchell		*	*		*		*		*
Monona		*	*		*		*		*
Monroe		*	*		*		*		*
Montgomery		32.8 (15)	15.6 (13)		4.7 (51)		*		*
Muscatine		36.8 (7)	12.0 (4)		11.8 (13)		14.9 (35)		89.8 (8)
O Brien		33.9 (13)	16.1 (16)		8.0 (37)		*		88.3 (11)
Osceola		*	*		*		*		*
Page		34.7 (10)	25.4 (36)		14.3 (3)		27.0 (6)		90.0 (7)
Palo Alto		*	*		*		*		*
Plymouth		38.5 (5)	11.1 (3)		9.5 (30)		*		*
Pocahontas		*	*		*		*		*
Polk		29.7 (23)	14.6 (9)		6.8 (44)		14.9 (35)		69.8 (39)
Pottawatta		34.2 (11)	23.4 (29)		9.6 (29)		17.8 (22)		83.3 (20)
Poweshiek		35.2 (9)	22.2 (28)		11.8 (13)		*		79.8 (27)
Ringgold		*	*		*		*		*
Sac		*	*		*		*		*
Scott		31.8 (17)	24.7 (34)		11.4 (20)		15.7 (31)		67.5 (42)
Shelby		*	*		*		*		*
Sioux		35.8 (8)	12.3 (5)		7.0 (42)		17.6 (24)		73.3 (37)

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Table 6B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Maternal Behavioral Indicators by County

Combined 3 Years

Comparison of Maternal Behavioral Indicators (2,3)

County	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)
Story		29.1 (26)	18.3 (21)		9.8 (28)		22.2 (14)		76.2 (34)
Tama		29.4 (25)	17.5 (20)		12.0 (8)		20.2 (19)		77.7 (32)
Taylor		*	*		*		*		*
Union		38.6 (4)	21.1 (24)		10.8 (22)		33.6 (3)		93.5 (1)
Van Buren		*	*		*		*		*
Wapello		31.1 (19)	21.6 (26)		11.6 (16)		22.5 (13)		78.8 (29)
Warren		22.0 (40)	14.0 (6)		5.7 (49)		26.9 (8)		82.1 (24)
Washington		*	*		11.9 (10)		*		*
Wayne		*	*		*		*		*
Webster		27.1 (30)	32.4 (41)		11.5 (18)		16.5 (29)		76.6 (33)
Winnebago		*	*		11.9 (10)		16.8 (28)		83.0 (22)
Winneshiek		*	*		*		*		*
Woodbury		26.5 (33)	24.6 (33)		8.6 (36)		22.0 (15)		84.5 (18)
Worth		*	*		*		*		*
Wright		14.6 (43)	34.8 (43)		12.0 (8)		15.1 (33)		75.6 (35)
Iowa		**30.2**	**20.0**		**9.3**		**19.7**		**80.5**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Women who reported taking a multivitamin four times a weeks or more in the month before pregnancy; proxy for folic acid consumption.
(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Adair		*		*		*		*		*
Adams		*		*		*		*		*
Allamakee		18.7 (9)		14.2 (14)		*		10.2 (27)		11.0 (43)
Appanoose		*		*		*		*		*
Audubon		*		*		*		*		*
Benton		40.8 (37)		*		*		8.8 (23)		*
Blackhawk		34.6 (28)		19.1 (25)		25.3 (12)		9.1 (24)		2.1 (18)
Boone		*		*		*		*		*
Bremer		*		*		*		*		*
Buchanan		*		*		*		*		*
Buena Vist		9.4 (1)		4.0 (1)		*		2.9 (6)		4.3 (33)
Butler		*		*		*		*		*
Calhoun		*		*		*		*		*
Carroll		41.6 (41)		22.8 (33)		*		11.0 (32)		1.0 (9)
Cass		50.0 (46)		33.0 (43)		*		11.1 (33)		0.0 (1)
Cedar		*		*		*		*		*
Cerro Gord		38.7 (36)		24.7 (37)		25.5 (11)		7.3 (18)		1.2 (11)
Cherokee		35.6 (30)		*		*		5.0 (11)		*
Chickasaw		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Among women who smoked 3 months prior to pregnancy.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Clarke		28.8 (18)		19.0 (24)		*		11.5 (35)		4.5 (35)
Clay		41.3 (39)		17.4 (19)		*		11.1 (33)		7.8 (42)
Clayton		*		*		*		*		*
Clinton		41.5 (40)		25.6 (39)		27.2 (10)		5.6 (12)		2.6 (23)
Crawford		12.8 (2)		7.7 (4)		*		3.7 (7)		0.7 (7)
Dallas		20.0 (10)		10.8 (6)		*		2.7 (5)		0.0 (1)
Davis		*		*		*		*		*
Decatur		*		*		*		*		*
Delaware		*		*		*		*		*
Des Moines		45.0 (43)		22.5 (31)		33.3 (5)		15.9 (46)		4.2 (32)
Dickinson		*		*		*		*		*
Dubuque		15.7 (5)		9.8 (5)		25.0 (13)		0.3 (2)		0.0 (1)
Emmet		27.4 (16)		18.3 (21)		*		12.9 (38)		6.9 (41)
Fayette		43.8 (42)		23.9 (35)		*		18.8 (47)		14.5 (44)
Floyd		33.3 (24)		24.9 (38)		*		4.4 (9)		2.4 (21)
Franklin		16.5 (6)		13.9 (12)		*		0.9 (3)		0.0 (1)
Fremont		*		*		*		*		*
Greene		*		*		*		*		*
Grundy		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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

Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Guthrie		*		*		*		*		*
Hamilton		27.6 (17)		13.5 (10)		*		13.8 (41)		0.6 (6)
Hancock		*		*		*		*		*
Hardin		*		*		*		*		*
Harrison		*		*		*		*		*
Henry		38.2 (35)		21.6 (30)		*		8.7 (22)		1.1 (10)
Howard		*		*		*		*		*
Humboldt		*		*		*		*		*
Ida		*		*		*		*		*
Iowa		*		*		*		*		*
Jackson		*		*		*		*		*
Jasper		35.3 (29)		25.8 (40)		*		9.4 (26)		2.7 (24)
Jefferson		*		*		*		*		*
Johnson		13.6 (3)		7.1 (2)		*		4.1 (8)		0.9 (8)
Jones		*		*		*		*		*
Keokuk		*		*		*		*		*
Kossuth		*		*		*		*		*
Lee		48.8 (45)		26.4 (41)		33.3 (5)		15.3 (44)		3.4 (29)
Linn		33.5 (25)		18.0 (20)		43.3 (1)		8.4 (20)		1.7 (15)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Among women who smoked 3 months prior to pregnancy.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Louisa		*		*		*		*		*
Lucas		*		*		*		*		*
Lyon		*		*		*		*		*
Madison		*		*		*		*		*
Mahaska		33.9 (26)		19.5 (27)		*		8.0 (19)		2.3 (19)
Marion		36.4 (31)		28.3 (42)		*		11.6 (36)		3.3 (27)
Marshall		18.5 (8)		11.3 (7)		30.4 (7)		7.0 (17)		1.3 (13)
Mills		*		*		*		*		*
Mitchell		*		*		*		*		*
Monona		*		*		*		*		*
Monroe		*		*		*		*		*
Montgomery		48.5 (44)		24.3 (36)		*		9.1 (24)		1.7 (15)
Muscatine		27.3 (15)		14.0 (13)		39.6 (2)		13.6 (40)		6.6 (39)
O Brien		25.0 (12)		13.8 (11)		*		13.9 (42)		5.2 (38)
Osceola		*		*		*		*		*
Page		50.4 (47)		38.4 (45)		*		10.3 (28)		6.8 (40)
Palo Alto		*		*		*		*		*
Plymouth		26.0 (13)		15.8 (16)		*		0.0 (1)		*
Pocahontas		*		*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Among women who smoked 3 months prior to pregnancy.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Polk		26.0 (13)		16.9 (18)		23.5 (14)		6.9 (16)		3.1 (25)
Pottawatta		37.8 (34)		23.7 (34)		21.7 (15)		5.7 (13)		1.7 (15)
Poweshiek		29.2 (19)		18.9 (23)		*		10.7 (29)		4.0 (31)
Ringgold		*		*		*		*		*
Sac		*		*		*		*		*
Scott		34.1 (27)		18.4 (22)		29.3 (8)		12.9 (38)		3.4 (29)
Shelby		*		*		*		*		*
Sioux		15.3 (4)		7.5 (3)		*		2.1 (4)		1.2 (11)
Story		29.5 (21)		15.5 (15)		38.8 (3)		10.7 (29)		1.3 (13)
Tama		21.3 (11)		12.2 (8)		*		4.6 (10)		4.9 (37)
Taylor		*		*		*		*		*
Union		40.9 (38)		34.0 (44)		*		15.8 (45)		4.4 (34)
Van Buren		*		*		*		*		*
Wapello		29.9 (22)		19.6 (28)		16.3 (16)		14.3 (43)		3.3 (27)
Warren		31.5 (23)		19.7 (29)		*		12.1 (37)		4.7 (36)
Washington		*		*		*		*		*
Wayne		*		*		*		*		*
Webster		36.9 (32)		22.5 (31)		33.7 (4)		10.9 (31)		3.2 (26)
Winnebago		37.6 (33)		19.3 (26)		*		6.6 (15)		0.0 (1)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Among women who smoked 3 months prior to pregnancy.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 7B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Smoking Indicators by County

Combined 3 Years

Comparison of Smoking Indicators (2,3)

County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Winneshiek		*		*		*		*		*
Woodbury		29.2 (19)		16.4 (17)		28.5 (9)		6.3 (14)		2.4 (21)
Worth		*		*		*		*		*
Wright		18.1 (7)		12.7 (9)		*		8.5 (21)		2.3 (19)
Iowa		**30.5**		**18.3**		**29.3**		**8.4**		**2.8**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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

Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Adair		*	*		*		*		*
Adams		*	*		*		*		*
Allamakee		3.6 (2)	6.2 (4)		7.6 (8)		1.9 (6)		79.0 (5)
Appanoose		*	*		*		*		*
Audubon		*	*		*		*		*
Benton		3.9 (3)	10.8 (47)		11.7 (33)		*		76.2 (11)
Blackhawk		7.8 (34)	7.6 (19)		9.6 (17)		3.3 (29)		68.9 (33)
Boone		*	*		*		*		*
Bremer		*	*		*		*		*
Buchanan		4.2 (6)	10.0 (40)		6.2 (2)		0.9 (3)		69.2 (31)
Buena Vist		4.8 (7)	7.9 (22)		7.2 (7)		2.2 (10)		64.9 (41)
Butler		*	*		*		*		*
Calhoun		*	*		*		*		*
Carroll		8.5 (40)	7.0 (12)		11.6 (32)		4.0 (33)		69.0 (32)
Cass		4.9 (8)	11.2 (51)		6.4 (5)		2.3 (12)		73.6 (22)
Cedar		*	*		*		*		*
Cerro Gord		5.2 (9)	10.8 (47)		8.7 (14)		2.6 (18)		68.0 (35)
Cherokee		9.7 (46)	4.4 (1)		10.7 (29)		*		74.3 (19)
Chickasaw		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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

Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Clarke		5.3 (10)	5.3 (2)		8.1 (9)		3.5 (31)		75.0 (16)
Clay		4.0 (4)	6.0 (3)		8.3 (12)		0.0 (1)		76.7 (9)
Clayton		6.4 (17)	6.4 (5)		*		*		76.1 (12)
Clinton		10.6 (49)	8.8 (31)		13.4 (42)		3.2 (27)		69.3 (30)
Crawford		7.8 (34)	7.3 (18)		12.0 (34)		1.8 (4)		70.7 (29)
Dallas		8.7 (42)	10.3 (42)		11.1 (30)		4.5 (39)		75.4 (15)
Davis		*	*		*		*		*
Decatur		*	*		*		*		*
Delaware		*	*		*		*		*
Des Moines		9.3 (44)	9.7 (37)		9.6 (17)		4.0 (33)		60.5 (48)
Dickinson		*	*		*		*		*
Dubuque		6.4 (17)	9.7 (37)		6.3 (4)		2.5 (14)		56.4 (49)
Emmet		11.4 (50)	8.1 (25)		12.3 (37)		*		62.9 (45)
Fayette		6.4 (17)	9.9 (39)		12.6 (40)		1.9 (6)		72.3 (25)
Floyd		11.8 (51)	10.7 (45)		13.6 (43)		5.3 (42)		66.9 (38)
Franklin		4.1 (5)	8.9 (33)		15.7 (44)		*		75.8 (14)
Fremont		*	*		*		*		*
Greene		*	*		*		*		*
Grundy		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Guthrie		*	*		*		*		*
Hamilton		7.2 (29)	7.2 (15)		8.8 (15)		4.5 (39)		80.5 (3)
Hancock		*	*		*		*		*
Hardin		*	*		*		*		*
Harrison		7.6 (32)	7.6 (19)		*		*		72.4 (24)
Henry		8.0 (37)	10.2 (41)		8.1 (9)		4.1 (36)		64.7 (43)
Howard		*	*		*		*		*
Humboldt		*	*		*		*		*
Ida		*	*		*		*		*
Iowa		*	*		*		*		*
Jackson		8.7 (42)	8.7 (30)		*		*		55.3 (50)
Jasper		9.8 (47)	10.8 (47)		10.4 (23)		3.4 (30)		64.9 (41)
Jefferson		*	*		*		*		*
Johnson		12.1 (52)	6.7 (7)		12.0 (34)		4.2 (37)		82.0 (2)
Jones		*	*		*		*		*
Keokuk		*	*		*		*		*
Kossuth		*	*		*		*		*
Lee		6.3 (16)	8.8 (31)		7.0 (6)		3.5 (31)		50.9 (52)
Linn		8.0 (37)	8.2 (26)		10.4 (23)		2.6 (18)		67.9 (36)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
		Low (4)	High (5)		(6)		(7)		
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Louisa		*	*		*		*		*
Lucas		*	*		*		*		*
Lyon		*	*		*		*		*
Madison		*	*		*		*		*
Mahaska		10.2 (48)	10.8 (47)		11.5 (31)		3.1 (24)		64.2 (44)
Marion		6.5 (20)	6.9 (10)		10.6 (27)		2.1 (9)		71.1 (28)
Marshall		6.0 (15)	9.2 (35)		8.1 (9)		2.6 (18)		66.8 (39)
Mills		*	*		*		*		*
Mitchell		*	*		*		*		*
Monona		*	*		*		*		*
Monroe		*	*		*		*		*
Montgomery		5.8 (13)	12.9 (52)		16.0 (46)		0.0 (1)		65.0 (40)
Muscatine		6.6 (25)	6.7 (7)		10.6 (27)		2.9 (21)		73.9 (21)
O Brien		5.8 (13)	7.2 (15)		15.8 (45)		*		76.3 (10)
Osceola		*	*		*		*		*
Page		3.3 (1)	6.7 (7)		6.2 (2)		2.5 (14)		54.3 (51)
Palo Alto		*	*		*		*		*
Plymouth		6.5 (20)	7.1 (14)		13.0 (41)		2.5 (14)		76.1 (12)
Pocahontas		*	*		*		*		*

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) <2500 g.
(5) >4000 g.
(6) <37 weeks gestation.
(7) 37 or more weeks gestation and <2500 g.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Polk		8.1 (39)	8.4 (28)		10.1 (20)		3.1 (24)		78.6 (7)
Pottawatta		7.6 (32)	8.0 (23)		12.3 (37)		1.8 (4)		74.9 (17)
Poweshiek		6.5 (20)	6.5 (6)		17.4 (47)		3.0 (23)		72.7 (23)
Ringgold		*	*		*		*		*
Sac		*	*		*		*		*
Scott		9.6 (45)	7.2 (15)		10.2 (21)		5.0 (41)		62.6 (46)
Shelby		*	*		*		*		*
Sioux		5.4 (11)	10.4 (43)		8.6 (13)		2.4 (13)		82.6 (1)
Story		7.5 (30)	9.0 (34)		8.9 (16)		2.9 (21)		78.8 (6)
Tama		8.6 (41)	10.7 (45)		12.4 (39)		3.2 (27)		68.7 (34)
Taylor		*	*		*		*		*
Union		7.8 (34)	7.0 (12)		10.3 (22)		4.0 (33)		62.0 (47)
Van Buren		*	*		*		*		*
Wapello		6.5 (20)	8.2 (26)		10.5 (25)		2.2 (10)		71.6 (27)
Warren		7.5 (30)	10.4 (43)		10.5 (25)		2.5 (14)		78.2 (8)
Washington		6.9 (27)	6.9 (10)		*		*		79.2 (4)
Wayne		*	*		*		*		*
Webster		6.9 (27)	8.4 (28)		6.0 (1)		3.1 (24)		74.2 (20)
Winnebago		6.5 (20)	9.3 (36)		*		*		67.0 (37)

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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

Table 8B

2016 - 2018 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Infant Health Indicators by County

Combined 3 Years

Comparison of Infant Health Indicators (2,3)

County	Birthweight			Preterm		Full Term LBW		Ever Breastfed	
		Low (4)	High (5)		(6)		(7)		
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Winneshiek		*	*		*		*		*
Woodbury		6.8 (26)	8.0 (23)		9.7 (19)		1.9 (6)		71.8 (26)
Worth		*	*		*		*		*
Wright		5.6 (12)	7.8 (21)		12.2 (36)		4.2 (37)		74.6 (18)
Iowa		**7.6**	**8.3**		**10.0**		**2.9**		**67.6**

(1) Reporting period is January 1 through December 31.
(2) Excludes records with unknown data or errors.
(3) Rank compares one County's rate to other Counties. 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.