WIC PNSS & PedNSS

Table 3B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adair	31	90.3	3.2	3.2	0.0	0.0	3.2	0.0
Adams	15	93.3	0.0	6.7	0.0	0.0	0.0	0.0
Allamakee	60	56.7	3.3	38.3	0.0	1.7	0.0	0.0
Appanoose	30	93.3	3.3	3.3	0.0	0.0	0.0	0.0
Audubon	9	77.8	0.0	22.2	0.0	0.0	0.0	0.0
Benton	35	94.3	0.0	5.7	0.0	0.0	0.0	0.0
Blackhawk	788	53.7	26.8	10.2	0.3	6.0	3.2	0.0
Boone	27	88.9	3.7	3.7	0.0	0.0	3.7	0.0
Bremer	17	88.2	11.8	0.0	0.0	0.0	0.0	0.0
Buchanan	32	96.9	3.1	0.0	0.0	0.0	0.0	0.0
Buena Vist	117	22.2	4.3	53.8	0.0	18.8	0.9	0.0
Butler	23	95.7	0.0	0.0	0.0	0.0	4.3	0.0
Calhoun	20	90.0	0.0	10.0	0.0	0.0	0.0	0.0
Carroll	72	69.4	5.6	23.6	0.0	1.4	0.0	0.0
Cass	36	94.4	0.0	5.6	0.0	0.0	0.0	0.0
Cedar	9	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Cerro Gord	216	75.5	6.0	10.6	0.5	3.2	4.2	0.0
Cherokee	39	89.7	0.0	10.3	0.0	0.0	0.0	0.0
Chickasaw	17	70.6	0.0	29.4	0.0	0.0	0.0	0.0
Clarke	54	70.4	1.9	25.9	0.0	1.9	0.0	0.0
Clay	59	79.7	1.7	16.9	0.0	1.7	0.0	0.0
Clayton	29	96.6	0.0	3.4	0.0	0.0	0.0	0.0
Clinton	188	81.4	8.0	8.0	0.0	0.0	2.7	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

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Crawford	104	26.9	1.9	62.5	0.0	8.7	0.0	0.0
Dallas	100	62.0	5.0	29.0	0.0	1.0	3.0	0.0
Davis	9	88.9	11.1	0.0	0.0	0.0	0.0	0.0
Decatur	28	89.3	3.6	3.6	0.0	0.0	3.6	0.0
Delaware	16	93.8	0.0	6.3	0.0	0.0	0.0	0.0
Des Moines	171	76.6	19.3	3.5	0.0	0.0	0.6	0.0
Dickinson	21	85.7	4.8	4.8	0.0	0.0	4.8	0.0
Dubuque	384	69.0	16.7	7.0	0.3	5.2	1.8	0.0
Emmet	39	59.0	0.0	41.0	0.0	0.0	0.0	0.0
Fayette	53	90.6	1.9	7.5	0.0	0.0	0.0	0.0
Floyd	65	76.9	7.7	9.2	0.0	6.2	0.0	0.0
Franklin	45	53.3	2.2	44.4	0.0	0.0	0.0	0.0
Fremont	7	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Greene	20	85.0	0.0	15.0	0.0	0.0	0.0	0.0
Grundy	9	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Guthrie	18	72.2	5.6	16.7	0.0	0.0	5.6	0.0
Hamilton	68	57.4	2.9	29.4	0.0	10.3	0.0	0.0
Hancock	27	81.5	0.0	14.8	0.0	0.0	3.7	0.0
Hardin	25	76.0	0.0	20.0	0.0	0.0	4.0	0.0
Harrison	34	91.2	0.0	5.9	2.9	0.0	0.0	0.0
Henry	55	80.0	1.8	16.4	0.0	1.8	0.0	0.0
Howard	28	89.3	0.0	10.7	0.0	0.0	0.0	0.0
Humboldt	19	73.7	0.0	26.3	0.0	0.0	0.0	0.0

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WIC PNSS & PedNSS

Table 3B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Ida	26	76.9	0.0	19.2	0.0	0.0	3.8	0.0
Iowa	11	90.9	0.0	0.0	0.0	0.0	9.1	0.0
Jackson	30	83.3	10.0	0.0	0.0	0.0	6.7	0.0
Jasper	104	79.8	6.7	8.7	1.9	2.9	0.0	0.0
Jefferson	17	94.1	0.0	0.0	0.0	5.9	0.0	0.0
Johnson	381	35.7	42.8	16.5	0.5	1.8	2.6	0.0
Jones	36	97.2	0.0	2.8	0.0	0.0	0.0	0.0
Keokuk	10	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Kossuth	47	76.6	6.4	17.0	0.0	0.0	0.0	0.0
Lee	111	91.0	2.7	6.3	0.0	0.0	0.0	0.0
Linn	782	55.8	31.1	6.9	0.1	1.2	5.0	0.0
Louisa	17	17.6	0.0	41.2	5.9	35.3	0.0	0.0
Lucas	25	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyon	14	92.9	0.0	0.0	0.0	7.1	0.0	0.0
Madison	24	87.5	4.2	8.3	0.0	0.0	0.0	0.0
Mahaska	44	88.6	6.8	4.5	0.0	0.0	0.0	0.0
Marion	108	91.7	2.8	2.8	0.0	1.9	0.9	0.0
Marshall	305	41.6	3.0	45.6	0.7	8.2	1.0	0.0
Mills	20	90.0	0.0	10.0	0.0	0.0	0.0	0.0
Mitchell	31	83.9	0.0	12.9	0.0	0.0	3.2	0.0
Monona	28	96.4	0.0	0.0	3.6	0.0	0.0	0.0
Monroe	14	92.9	0.0	0.0	7.1	0.0	0.0	0.0
Montgomery	29	96.6	0.0	3.4	0.0	0.0	0.0	0.0

(1) Reporting period is January 1 through December 31
(2) Excludes data with errors
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WIC PNSS & PedNSS

Table 3B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Muscatine	231	56.7	6.9	32.9	0.0	2.6	0.9	0.0
O Brien	37	67.6	8.1	21.6	2.7	0.0	0.0	0.0
Osceola	16	56.3	6.3	37.5	0.0	0.0	0.0	0.0
Page	58	91.4	0.0	5.2	0.0	0.0	3.4	0.0
Palo Alto	13	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Plymouth	46	67.4	6.5	21.7	2.2	2.2	0.0	0.0
Pocahontas	3	66.7	33.3	0.0	0.0	0.0	0.0	0.0
Polk	2,130	41.3	21.5	23.2	0.2	9.2	4.5	0.0
Pottawatta	427	77.5	3.7	16.9	0.2	0.2	1.4	0.0
Poweshiek	32	81.3	3.1	15.6	0.0	0.0	0.0	0.0
Ringgold	12	83.3	0.0	16.7	0.0	0.0	0.0	0.0
Sac	12	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Scott	650	55.4	24.6	11.2	0.8	2.8	5.2	0.0
Shelby	39	82.1	2.6	15.4	0.0	0.0	0.0	0.0
Sioux	133	36.1	0.8	60.2	0.8	0.8	1.5	0.0
Story	218	67.9	11.5	12.8	0.0	6.4	1.4	0.0
Tama	44	43.2	0.0	47.7	6.8	0.0	2.3	0.0
Taylor	22	77.3	0.0	18.2	0.0	0.0	4.5	0.0
Union	78	87.2	0.0	11.5	0.0	0.0	1.3	0.0
Van Buren	7	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Wapello	415	70.4	8.4	14.9	0.0	4.8	1.2	0.2
Warren	75	89.3	4.0	4.0	0.0	1.3	1.3	0.0
Washington	36	75.0	0.0	22.2	0.0	0.0	2.8	0.0

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WIC PNSS & PedNSS

Table 3B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Wayne	17	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Webster	227	73.6	11.0	12.3	0.9	0.4	1.8	0.0
Winnebago	60	83.3	8.3	8.3	0.0	0.0	0.0	0.0
Winneshiek	22	81.8	4.5	13.6	0.0	0.0	0.0	0.0
Woodbury	683	41.9	11.6	36.7	3.2	3.8	2.8	0.0
Worth	10	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Wright	79	38.0	0.0	62.0	0.0	0.0	0.0	0.0
Iowa	**11,313**	**59.6**	**14.6**	**18.7**	**0.5**	**4.1**	**2.6**	**0.0**
National (Prior Year)	**133,781**	**53.3**	**21.7**	**17.1**	**1.1**	**2.8**	**3.5**	**0.4**

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

WIC PNSS & PedNSS

Table 4B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adair	31	0.0	0.0	3.2	61.3	35.5	0.0	0.0
Adams	15	0.0	0.0	13.3	53.3	33.3	0.0	0.0
Allamakee	60	0.0	1.7	6.7	48.3	43.3	0.0	0.0
Appanoose	30	0.0	0.0	3.3	63.3	33.3	0.0	0.0
Audubon	9	0.0	11.1	11.1	44.4	33.3	0.0	0.0
Benton	35	0.0	0.0	0.0	65.7	31.4	2.9	0.0
Blackhawk	788	0.1	2.2	5.8	59.0	30.6	2.2	0.1
Boone	27	0.0	0.0	7.4	70.4	22.2	0.0	0.0
Bremer	17	0.0	0.0	11.8	52.9	35.3	0.0	0.0
Buchanan	32	0.0	0.0	0.0	65.6	28.1	6.3	0.0
Buena Vist	117	0.0	1.7	3.4	55.6	35.0	4.3	0.0
Butler	23	0.0	0.0	0.0	69.6	30.4	0.0	0.0
Calhoun	20	0.0	0.0	0.0	80.0	20.0	0.0	0.0
Carroll	72	0.0	1.4	8.3	59.7	27.8	2.8	0.0
Cass	36	0.0	2.8	0.0	72.2	22.2	2.8	0.0
Cedar	9	0.0	0.0	22.2	33.3	33.3	11.1	0.0
Cerro Gord	216	0.0	1.4	6.0	67.1	23.6	1.9	0.0
Cherokee	39	0.0	2.6	17.9	59.0	20.5	0.0	0.0
Chickasaw	17	0.0	0.0	11.8	64.7	23.5	0.0	0.0
Clarke	54	0.0	1.9	1.9	64.8	29.6	1.9	0.0
Clay	59	0.0	0.0	3.4	74.6	22.0	0.0	0.0
Clayton	29	0.0	0.0	0.0	75.9	24.1	0.0	0.0
Clinton	188	0.0	3.7	9.0	62.8	22.3	2.1	0.0
Crawford	104	0.0	0.0	2.9	59.6	32.7	4.8	0.0

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(2) Excludes data with errors
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WIC PNSS & PedNSS

Table 4B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Dallas	100	0.0	0.0	4.0	65.0	31.0	0.0	0.0
Davis	9	0.0	0.0	0.0	77.8	11.1	11.1	0.0
Decatur	28	0.0	0.0	14.3	67.9	14.3	3.6	0.0
Delaware	16	0.0	0.0	6.3	62.5	25.0	6.3	0.0
Des Moines	171	0.0	2.3	5.8	66.1	25.7	0.0	0.0
Dickinson	21	0.0	0.0	4.8	66.7	23.8	4.8	0.0
Dubuque	384	0.0	2.6	6.5	59.4	29.7	1.6	0.3
Emmet	39	0.0	2.6	5.1	64.1	25.6	2.6	0.0
Fayette	53	0.0	1.9	3.8	75.5	18.9	0.0	0.0
Floyd	65	0.0	1.5	6.2	67.7	24.6	0.0	0.0
Franklin	45	0.0	4.4	4.4	53.3	35.6	2.2	0.0
Fremont	7	0.0	0.0	0.0	57.1	42.9	0.0	0.0
Greene	20	0.0	0.0	20.0	70.0	10.0	0.0	0.0
Grundy	9	0.0	0.0	0.0	88.9	11.1	0.0	0.0
Guthrie	18	0.0	5.6	5.6	61.1	27.8	0.0	0.0
Hamilton	68	0.0	4.4	4.4	64.7	25.0	1.5	0.0
Hancock	27	0.0	0.0	14.8	59.3	25.9	0.0	0.0
Hardin	25	0.0	4.0	4.0	60.0	32.0	0.0	0.0
Harrison	34	0.0	2.9	11.8	52.9	32.4	0.0	0.0
Henry	55	0.0	3.6	5.5	69.1	18.2	3.6	0.0
Howard	28	0.0	0.0	0.0	57.1	39.3	3.6	0.0
Humboldt	19	0.0	0.0	5.3	63.2	31.6	0.0	0.0
Ida	26	0.0	0.0	11.5	65.4	19.2	3.8	0.0
Iowa	11	0.0	9.1	9.1	54.5	27.3	0.0	0.0

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WIC PNSS & PedNSS

Table 4B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Jackson	30	0.0	0.0	3.3	70.0	26.7	0.0	0.0
Jasper	104	0.0	1.9	9.6	55.8	30.8	1.0	1.0
Jefferson	17	0.0	0.0	0.0	70.6	29.4	0.0	0.0
Johnson	381	0.0	0.8	3.7	49.3	42.5	3.7	0.0
Jones	36	0.0	2.8	2.8	69.4	25.0	0.0	0.0
Keokuk	10	0.0	0.0	10.0	50.0	40.0	0.0	0.0
Kossuth	47	0.0	2.1	2.1	53.2	42.6	0.0	0.0
Lee	111	0.0	0.9	4.5	67.6	26.1	0.9	0.0
Linn	782	0.0	2.2	6.6	57.2	31.8	2.2	0.0
Louisa	17	0.0	0.0	0.0	41.2	47.1	11.8	0.0
Lucas	25	0.0	0.0	4.0	60.0	32.0	4.0	0.0
Lyon	14	0.0	0.0	0.0	42.9	50.0	7.1	0.0
Madison	24	0.0	0.0	4.2	58.3	37.5	0.0	0.0
Mahaska	44	0.0	0.0	0.0	61.4	34.1	4.5	0.0
Marion	108	0.0	0.9	10.2	63.9	23.1	1.9	0.0
Marshall	305	0.0	3.6	6.2	58.4	27.9	3.9	0.0
Mills	20	0.0	0.0	5.0	80.0	15.0	0.0	0.0
Mitchell	31	0.0	0.0	0.0	67.7	32.3	0.0	0.0
Monona	28	0.0	0.0	10.7	57.1	32.1	0.0	0.0
Monroe	14	0.0	0.0	7.1	71.4	21.4	0.0	0.0
Montgomery	29	0.0	3.4	13.8	55.2	27.6	0.0	0.0
Muscatine	231	0.0	2.2	6.9	59.7	29.0	2.2	0.0
O Brien	37	0.0	2.7	5.4	51.4	40.5	0.0	0.0
Osceola	16	0.0	0.0	6.3	62.5	31.3	0.0	0.0

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WIC PNSS & PedNSS

Table 4B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Page	58	0.0	5.2	8.6	69.0	15.5	1.7	0.0
Palo Alto	13	0.0	0.0	7.7	69.2	23.1	0.0	0.0
Plymouth	46	0.0	2.2	2.2	78.3	13.0	4.3	0.0
Pocahontas	3	0.0	0.0	0.0	100.0	0.0	0.0	0.0
Polk	2,130	0.1	2.1	5.6	57.6	32.2	2.4	0.0
Pottawatta	427	0.0	1.4	8.0	67.0	21.8	1.9	0.0
Poweshiek	32	0.0	6.3	3.1	62.5	28.1	0.0	0.0
Ringgold	12	0.0	0.0	8.3	75.0	16.7	0.0	0.0
Sac	12	0.0	0.0	8.3	50.0	41.7	0.0	0.0
Scott	650	0.2	3.2	7.4	61.1	25.4	2.8	0.0
Shelby	39	0.0	5.1	2.6	61.5	28.2	2.6	0.0
Sioux	133	0.0	2.3	10.5	59.4	26.3	1.5	0.0
Story	218	0.0	1.8	6.4	60.1	30.7	0.9	0.0
Tama	44	0.0	2.3	4.5	68.2	25.0	0.0	0.0
Taylor	22	0.0	0.0	0.0	72.7	27.3	0.0	0.0
Union	78	1.3	1.3	11.5	65.4	19.2	1.3	0.0
Van Buren	7	0.0	14.3	0.0	28.6	57.1	0.0	0.0
Wapello	415	0.0	2.4	6.0	63.6	25.8	2.2	0.0
Warren	75	0.0	4.0	8.0	61.3	24.0	2.7	0.0
Washington	36	0.0	0.0	5.6	58.3	36.1	0.0	0.0
Wayne	17	0.0	5.9	0.0	47.1	47.1	0.0	0.0
Webster	227	0.0	0.9	6.6	66.1	25.1	1.3	0.0
Winnebago	60	0.0	0.0	5.0	66.7	28.3	0.0	0.0
Winneshiek	22	0.0	4.5	9.1	50.0	36.4	0.0	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 4B

2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Comparison of Age Distribution (2)

County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Woodbury	683	0.0	1.9	6.3	59.4	30.3	2.0	0.0
Worth	10	0.0	0.0	10.0	70.0	20.0	0.0	0.0
Wright	79	0.0	3.8	6.3	53.2	34.2	2.5	0.0
Iowa	**11,314**	**0.0**	**2.0**	**6.1**	**60.4**	**29.3**	**2.1**	**0.0**
National (Prior Year)	**133,790**	**0.1**	**2.7**	**8.0**	**62.0**	**25.2**	**1.9**	**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

2019 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	24	0.0 (1)	66.7 (67)	24	8.3 (5)	45.8 (53)	6	16.7 (64)	8	37.5 (86)	1	100.0 (26)	0	0.0 (1)
Adams	12	8.3 (89)	66.7 (67)	12	16.7 (16)	58.3 (91)	5	40.0 (87)	3	0.0 (1)	2	100.0 (26)	1	100.0 (34)
Allamakee	47	4.3 (63)	63.8 (58)	45	22.2 (40)	48.9 (66)	14	50.0 (92)	18	38.9 (87)	5	100.0 (26)	0	0.0 (1)
Appanoose	24	4.2 (61)	79.2 (91)	23	26.1 (68)	52.2 (79)	9	33.3 (77)	4	50.0 (92)	1	100.0 (26)	3	100.0 (34)
Audubon	9	0.0 (1)	44.4 (6)	9	22.2 (40)	55.6 (85)	2	50.0 (92)	7	28.6 (76)	0	0.0 (1)	0	0.0 (1)
Benton	29	0.0 (1)	72.4 (80)	28	39.3 (94)	35.7 (18)	6	0.0 (1)	7	0.0 (1)	3	100.0 (26)	4	100.0 (34)
Blackhawk	606	3.8 (54)	59.2 (38)	583	20.2 (35)	51.6 (78)	154	3.9 (51)	76	1.3 (51)	37	100.0 (26)	33	100.0 (34)
Boone	22	0.0 (1)	72.7 (82)	22	31.8 (79)	50.0 (68)	5	20.0 (66)	5	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Bremer	15	6.7 (82)	66.7 (67)	15	13.3 (9)	46.7 (57)	2	0.0 (1)	6	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Buchanan	26	0.0 (1)	61.5 (49)	26	26.9 (71)	34.6 (16)	5	0.0 (1)	5	0.0 (1)	1	100.0 (26)	2	100.0 (34)
Buena Vist	71	1.4 (36)	63.4 (57)	67	26.9 (71)	35.8 (19)	29	0.0 (1)	10	20.0 (70)	13	100.0 (26)	7	100.0 (34)
Butler	19	5.3 (70)	84.2 (97)	19	26.3 (69)	36.8 (21)	3	0.0 (1)	6	0.0 (1)	2	100.0 (26)	1	100.0 (34)
Calhoun	17	5.9 (75)	64.7 (61)	17	23.5 (52)	47.1 (59)	6	16.7 (64)	6	33.3 (80)	1	100.0 (26)	0	0.0 (1)
Carroll	63	3.2 (49)	65.1 (64)	61	21.3 (37)	55.7 (87)	22	36.4 (84)	12	33.3 (80)	9	100.0 (26)	2	100.0 (34)
Cass	31	3.2 (49)	77.4 (90)	30	20.0 (26)	70.0 (99)	8	12.5 (60)	10	0.0 (1)	0	0.0 (1)	3	100.0 (34)
Cedar	6	16.7 (99)	50.0 (7)	5	40.0 (95)	40.0 (29)	2	50.0 (92)	4	0.0 (1)	1	100.0 (26)	0	0.0 (1)
Cerro Gord	169	4.7 (67)	63.9 (60)	163	19.0 (23)	46.0 (56)	45	6.7 (53)	22	9.1 (61)	18	100.0 (26)	4	100.0 (34)

(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.
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WIC PNSS & PedNSS

Table 5B

2019 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	26	11.5 (96)	57.7 (25)	26	15.4 (14)	42.3 (42)	4	0.0 (1)	18	0.0 (1)	4	100.0 (26)	1	100.0 (34)
Chickasaw	16	6.3 (79)	56.3 (17)	16	25.0 (58)	43.8 (45)	3	0.0 (1)	3	0.0 (1)	2	100.0 (26)	1	100.0 (34)
Clarke	39	10.3 (94)	59.0 (33)	37	32.4 (82)	27.0 (6)	15	26.7 (72)	5	40.0 (88)	3	100.0 (26)	3	100.0 (34)
Clay	45	2.2 (40)	53.3 (9)	39	23.1 (49)	48.7 (65)	13	0.0 (1)	10	0.0 (1)	6	100.0 (26)	3	100.0 (34)
Clayton	24	0.0 (1)	79.2 (91)	22	31.8 (79)	45.5 (49)	6	33.3 (77)	9	33.3 (80)	0	0.0 (1)	1	100.0 (34)
Clinton	131	2.3 (41)	62.6 (52)	125	20.0 (26)	56.0 (88)	45	35.6 (82)	14	14.3 (65)	8	100.0 (26)	11	100.0 (34)
Crawford	93	1.1 (34)	60.2 (43)	92	39.1 (93)	28.3 (7)	40	2.5 (47)	22	0.0 (1)	0	0.0 (1)	6	100.0 (34)
Dallas	71	5.6 (71)	60.6 (44)	66	15.2 (13)	45.5 (49)	25	0.0 (1)	10	0.0 (1)	6	100.0 (26)	3	100.0 (34)
Davis	9	11.1 (95)	55.6 (16)	8	25.0 (58)	50.0 (68)	3	33.3 (77)	4	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Decatur	21	4.8 (68)	57.1 (19)	20	40.0 (95)	30.0 (11)	8	12.5 (60)	1	0.0 (1)	1	100.0 (26)	0	0.0 (1)
Delaware	15	6.7 (82)	66.7 (67)	15	33.3 (83)	33.3 (13)	3	66.7 (96)	5	40.0 (88)	2	100.0 (26)	0	0.0 (1)
Des Moines	129	6.2 (77)	54.3 (13)	125	20.0 (26)	51.2 (77)	46	8.7 (57)	18	5.6 (54)	14	100.0 (26)	15	100.0 (34)
Dickinson	16	0.0 (1)	81.3 (94)	15	20.0 (26)	66.7 (96)	6	0.0 (1)	2	0.0 (1)	2	100.0 (26)	2	100.0 (34)
Dubuque	318	3.5 (51)	62.6 (52)	307	23.1 (49)	44.3 (47)	107	46.7 (91)	35	45.7 (91)	23	100.0 (26)	7	100.0 (34)
Emmet	26	3.8 (54)	73.1 (84)	25	36.0 (89)	40.0 (29)	7	0.0 (1)	8	0.0 (1)	9	100.0 (26)	2	100.0 (34)
Fayette	39	2.6 (43)	53.8 (10)	38	7.9 (4)	52.6 (81)	18	33.3 (77)	11	54.5 (97)	5	100.0 (26)	5	100.0 (34)
Floyd	44	2.3 (41)	68.2 (76)	43	16.3 (15)	41.9 (41)	13	15.4 (63)	11	0.0 (1)	7	100.0 (26)	3	100.0 (34)

(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

2019 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	40	0.0 (1)	85.0 (98)	39	17.9 (22)	53.8 (82)	7	0.0 (1)	8	0.0 (1)	6	100.0 (26)	2	100.0 (34)
Fremont	5	0.0 (1)	60.0 (41)	4	25.0 (58)	25.0 (3)	2	0.0 (1)	0	0.0 (1)	1	100.0 (26)	0	0.0 (1)
Greene	17	5.9 (75)	58.8 (31)	16	12.5 (6)	56.3 (89)	3	0.0 (1)	6	0.0 (1)	3	100.0 (26)	5	100.0 (34)
Grundy	3	0.0 (1)	66.7 (67)	3	33.3 (83)	33.3 (13)	3	0.0 (1)	2	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Guthrie	12	0.0 (1)	83.3 (95)	12	16.7 (16)	66.7 (96)	5	20.0 (66)	5	0.0 (1)	3	100.0 (26)	1	100.0 (34)
Hamilton	51	2.0 (38)	60.8 (46)	50	20.0 (26)	40.0 (29)	14	7.1 (54)	2	0.0 (1)	5	100.0 (26)	4	100.0 (34)
Hancock	19	0.0 (1)	68.4 (78)	19	31.6 (78)	47.4 (61)	2	0.0 (1)	3	33.3 (80)	3	100.0 (26)	1	100.0 (34)
Hardin	18	5.6 (71)	61.1 (48)	17	41.2 (97)	23.5 (2)	5	20.0 (66)	7	28.6 (76)	1	100.0 (26)	1	100.0 (34)
Harrison	27	0.0 (1)	63.0 (54)	27	22.2 (40)	55.6 (85)	11	0.0 (1)	10	0.0 (1)	0	0.0 (1)	1	100.0 (34)
Henry	38	0.0 (1)	57.9 (26)	37	29.7 (74)	45.9 (55)	15	0.0 (1)	10	0.0 (1)	6	100.0 (26)	5	100.0 (34)
Howard	21	9.5 (92)	66.7 (67)	20	20.0 (26)	65.0 (95)	12	8.3 (56)	11	36.4 (85)	3	100.0 (26)	2	100.0 (34)
Humboldt	17	0.0 (1)	64.7 (61)	17	35.3 (88)	35.3 (17)	3	0.0 (1)	1	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Ida	22	4.5 (65)	68.2 (76)	21	23.8 (56)	66.7 (96)	4	0.0 (1)	4	0.0 (1)	3	100.0 (26)	0	0.0 (1)
Iowa	7	0.0 (1)	71.4 (79)	7	14.3 (10)	28.6 (8)	2	0.0 (1)	4	25.0 (73)	0	0.0 (1)	0	0.0 (1)
Jackson	22	9.1 (91)	72.7 (82)	22	22.7 (46)	54.5 (84)	4	25.0 (70)	3	66.7 (99)	0	0.0 (1)	2	100.0 (34)
Jasper	78	6.4 (80)	59.0 (33)	73	30.1 (75)	38.4 (26)	29	20.7 (69)	12	50.0 (92)	15	100.0 (26)	2	100.0 (34)
Jefferson	12	0.0 (1)	58.3 (28)	12	25.0 (58)	25.0 (3)	4	0.0 (1)	3	0.0 (1)	0	0.0 (1)	0	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) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* National includes previous year's data for all participating States and ITOs.
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WIC PNSS & PedNSS

Table 5B

2019 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	270	4.1 (59)	58.9 (32)	253	22.5 (45)	39.5 (28)	99	36.4 (84)	115	23.5 (72)	17	100.0 (26)	16	100.0 (34)
Jones	29	0.0 (1)	62.1 (50)	28	14.3 (10)	50.0 (68)	7	28.6 (74)	6	16.7 (68)	3	100.0 (26)	1	100.0 (34)
Keokuk	8	0.0 (1)	37.5 (3)	8	25.0 (58)	25.0 (3)	3	66.7 (96)	0	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Kossuth	34	2.9 (45)	73.5 (85)	34	23.5 (52)	47.1 (59)	3	0.0 (1)	11	9.1 (61)	4	100.0 (26)	1	100.0 (34)
Lee	84	3.6 (52)	72.6 (81)	80	20.0 (26)	42.5 (43)	31	3.2 (50)	15	6.7 (57)	11	100.0 (26)	11	100.0 (34)
Linn	568	3.0 (46)	60.9 (47)	552	22.1 (39)	49.8 (67)	188	42.0 (90)	86	29.1 (78)	70	100.0 (26)	24	100.0 (34)
Louisa	13	7.7 (87)	23.1 (2)	13	38.5 (92)	38.5 (27)	4	0.0 (1)	3	0.0 (1)	6	100.0 (26)	0	0.0 (1)
Lucas	19	0.0 (1)	52.6 (8)	19	36.8 (91)	36.8 (21)	8	37.5 (86)	3	0.0 (1)	2	100.0 (26)	1	100.0 (34)
Lyon	7	0.0 (1)	42.9 (4)	7	57.1 (99)	14.3 (1)	2	0.0 (1)	4	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Madison	15	0.0 (1)	80.0 (93)	15	26.7 (70)	40.0 (29)	3	66.7 (96)	5	60.0 (98)	4	100.0 (26)	0	0.0 (1)
Mahaska	30	6.7 (82)	63.3 (56)	29	24.1 (57)	41.4 (39)	12	25.0 (70)	9	33.3 (80)	0	0.0 (1)	0	0.0 (1)
Marion	81	6.2 (77)	63.0 (54)	79	12.7 (8)	50.6 (75)	20	10.0 (58)	10	20.0 (70)	2	100.0 (26)	3	100.0 (34)
Marshall	229	3.1 (48)	58.5 (30)	225	23.6 (55)	41.3 (38)	52	13.5 (62)	16	12.5 (64)	19	100.0 (26)	2	100.0 (34)
Mills	14	0.0 (1)	57.1 (19)	13	30.8 (77)	53.8 (82)	6	0.0 (1)	5	0.0 (1)	0	0.0 (1)	1	100.0 (34)
Mitchell	21	0.0 (1)	76.2 (89)	21	14.3 (10)	57.1 (90)	5	0.0 (1)	8	0.0 (1)	4	100.0 (26)	1	100.0 (34)
Monona	24	4.2 (61)	58.3 (28)	24	16.7 (16)	37.5 (23)	9	0.0 (1)	6	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Monroe	12	0.0 (1)	16.7 (1)	12	33.3 (83)	41.7 (40)	1	0.0 (1)	1	0.0 (1)	0	0.0 (1)	0	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.
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(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
* National includes previous year's data for all participating States and ITOs.
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WIC PNSS & PedNSS

Table 5B

2019 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	23	0.0 (1)	73.9 (86)	22	22.7 (46)	45.5 (49)	4	0.0 (1)	6	16.7 (68)	0	0.0 (1)	2	100.0 (34)
Muscatine	176	4.5 (65)	59.1 (37)	166	19.3 (24)	52.4 (80)	54	1.9 (45)	19	5.3 (53)	19	100.0 (26)	5	100.0 (34)
O Brien	26	3.8 (54)	53.8 (10)	24	25.0 (58)	58.3 (91)	7	0.0 (1)	7	0.0 (1)	2	100.0 (26)	0	0.0 (1)
Osceola	6	0.0 (1)	83.3 (95)	5	20.0 (26)	40.0 (29)	3	0.0 (1)	4	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Page	44	0.0 (1)	65.9 (66)	43	23.3 (51)	44.2 (46)	12	41.7 (89)	15	40.0 (88)	2	100.0 (26)	0	0.0 (1)
Palo Alto	5	0.0 (1)	60.0 (41)	5	20.0 (26)	60.0 (93)	2	0.0 (1)	2	0.0 (1)	0	0.0 (1)	1	100.0 (34)
Plymouth	35	5.7 (73)	54.3 (13)	34	17.6 (21)	38.2 (25)	9	0.0 (1)	10	10.0 (63)	2	100.0 (26)	0	0.0 (1)
Pocahontas	2	0.0 (1)	100.0 (99)	2	50.0 (98)	50.0 (68)	0	0.0 (1)	0	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Polk	1,682	4.4 (64)	57.5 (24)	1,619	25.2 (66)	41.0 (35)	493	2.4 (46)	175	5.7 (55)	115	100.0 (26)	64	100.0 (34)
Pottawatta	313	1.9 (37)	65.5 (65)	300	23.0 (48)	50.7 (76)	112	8.0 (55)	39	7.7 (59)	17	100.0 (26)	17	100.0 (34)
Poweshiek	27	7.4 (86)	66.7 (67)	24	12.5 (6)	62.5 (94)	7	28.6 (74)	6	50.0 (92)	3	100.0 (26)	2	100.0 (34)
Ringgold	11	0.0 (1)	54.5 (15)	11	36.4 (90)	36.4 (20)	5	40.0 (87)	2	0.0 (1)	2	100.0 (26)	0	0.0 (1)
Sac	12	8.3 (89)	75.0 (87)	12	16.7 (16)	50.0 (68)	2	0.0 (1)	2	0.0 (1)	1	100.0 (26)	1	100.0 (34)
Scott	502	4.0 (57)	59.0 (33)	476	22.3 (43)	45.8 (53)	155	34.2 (81)	99	26.3 (75)	8	100.0 (26)	24	100.0 (34)
Shelby	31	6.5 (81)	58.1 (27)	31	25.8 (67)	48.4 (64)	12	0.0 (1)	14	7.1 (58)	1	100.0 (26)	0	0.0 (1)
Sioux	94	2.1 (39)	60.6 (44)	92	25.0 (58)	33.7 (15)	35	2.9 (49)	45	2.2 (52)	7	100.0 (26)	1	100.0 (34)
Story	156	5.1 (69)	59.0 (33)	148	31.8 (79)	41.2 (36)	37	2.7 (48)	35	14.3 (65)	13	100.0 (26)	1	100.0 (34)

(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

2019 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	37	2.7 (44)	64.9 (63)	34	23.5 (52)	41.2 (36)	13	30.8 (76)	2	50.0 (92)	4	100.0 (26)	1	100.0 (34)
Taylor	16	12.5 (97)	62.5 (51)	16	25.0 (58)	37.5 (23)	4	75.0 (99)	4	50.0 (92)	4	100.0 (26)	0	0.0 (1)
Union	60	10.0 (93)	56.7 (18)	59	22.0 (38)	47.5 (62)	14	35.7 (83)	12	25.0 (73)	11	100.0 (26)	2	100.0 (34)
Van Buren	7	0.0 (1)	57.1 (19)	7	0.0 (1)	28.6 (8)	2	50.0 (92)	3	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Wapello	348	5.7 (73)	59.5 (39)	326	19.9 (25)	44.5 (48)	133	27.1 (73)	51	29.4 (79)	5	100.0 (26)	13	100.0 (34)
Warren	49	4.1 (59)	57.1 (19)	49	30.6 (76)	40.8 (34)	11	0.0 (1)	7	0.0 (1)	2	100.0 (26)	2	100.0 (34)
Washington	26	7.7 (87)	53.8 (10)	24	33.3 (83)	29.2 (10)	10	10.0 (58)	7	14.3 (65)	3	100.0 (26)	0	0.0 (1)
Wayne	15	6.7 (82)	66.7 (67)	15	33.3 (83)	46.7 (57)	4	0.0 (1)	3	0.0 (1)	0	0.0 (1)	1	100.0 (34)
Webster	190	3.7 (53)	67.4 (75)	184	21.2 (36)	50.5 (74)	65	1.5 (44)	9	0.0 (1)	7	100.0 (26)	5	100.0 (34)
Winnebago	50	4.0 (57)	76.0 (88)	46	17.4 (20)	47.8 (63)	15	0.0 (1)	12	8.3 (60)	3	100.0 (26)	6	100.0 (34)
Winneshiek	16	12.5 (97)	43.8 (5)	16	6.3 (3)	50.0 (68)	5	0.0 (1)	4	0.0 (1)	3	100.0 (26)	1	100.0 (34)
Woodbury	525	1.3 (35)	63.8 (58)	510	22.4 (44)	45.7 (52)	190	4.7 (52)	164	6.1 (56)	37	100.0 (26)	15	100.0 (34)
Worth	7	0.0 (1)	57.1 (19)	7	0.0 (1)	42.9 (44)	1	0.0 (1)	4	0.0 (1)	1	100.0 (26)	1	100.0 (34)
Wright	67	3.0 (46)	59.7 (40)	66	28.8 (73)	31.8 (12)	22	0.0 (1)	6	0.0 (1)	6	100.0 (26)	1	100.0 (34)
Iowa	**8,677**	**3.8**	**61.0**	**8,349**	**23.1**	**45.1**	**2,701**	**15.5**	**1,557**	**14.7**	**655**	**100.0**	**376**	**100.0**
National (Prior Year)	**112,231**	**4.0**	**60.3**	**89,229**	**22.3**	**47.7**	**23,550**	**28.2**	**52,310**	**18.4**	**96,728**	**10.0**	**95,873**	**9.4**

(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) 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

2019 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	21	23.8 (78)	4.8 (27)	28	0.0 (32)	10	20.0 (55)	9	88.9 (72)
Adams	9	33.3 (35)	0.0 (1)	14	0.0 (32)	6	0.0 (85)	7	100.0 (1)
Allamakee	44	22.7 (82)	22.7 (89)	50	2.0 (13)	43	11.6 (80)	45	86.7 (78)
Appanoose	15	53.3 (5)	26.7 (94)	25	4.0 (7)	2	0.0 (85)	2	100.0 (1)
Audubon	7	57.1 (4)	0.0 (1)	9	0.0 (32)	2	0.0 (85)	2	100.0 (1)
Benton	19	42.1 (16)	0.0 (1)	31	0.0 (32)	11	18.2 (59)	15	93.3 (54)
Blackhawk	384	29.4 (54)	19.0 (80)	652	0.9 (25)	260	22.7 (48)	373	89.5 (70)
Boone	17	29.4 (54)	0.0 (1)	20	0.0 (32)	9	44.4 (16)	9	88.9 (72)
Bremer	11	63.6 (2)	18.2 (78)	17	0.0 (32)	8	37.5 (26)	10	100.0 (1)
Buchanan	19	47.4 (7)	10.5 (58)	26	0.0 (32)	14	28.6 (35)	18	88.9 (72)
Buena Vist	60	26.7 (70)	5.0 (31)	86	0.0 (32)	60	41.7 (20)	63	93.7 (52)
Butler	18	27.8 (61)	5.6 (33)	19	0.0 (32)	14	14.3 (76)	18	88.9 (72)
Calhoun	17	47.1 (8)	5.9 (38)	20	0.0 (32)	6	50.0 (8)	6	100.0 (1)
Carroll	54	24.1 (76)	5.6 (33)	72	0.0 (32)	19	10.5 (81)	20	90.0 (67)
Cass	25	36.0 (28)	4.0 (24)	34	0.0 (32)	3	66.7 (5)	4	100.0 (1)
Cedar	2	0.0 (97)	0.0 (1)	8	0.0 (32)	1	0.0 (85)	1	100.0 (1)
Cerro Gord	159	39.6 (20)	14.5 (74)	183	0.5 (28)	134	17.2 (62)	162	85.8 (82)
Cherokee	18	38.9 (22)	5.6 (33)	35	0.0 (32)	11	36.4 (29)	13	100.0 (1)
Chickasaw	11	45.5 (11)	0.0 (1)	14	0.0 (32)	11	72.7 (3)	13	92.3 (59)
Clarke	37	21.6 (83)	10.8 (59)	46	0.0 (32)	20	15.0 (74)	20	95.0 (44)

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

2019 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	43	30.2 (48)	7.0 (47)	49	4.1 (6)	46	45.7 (14)	48	93.8 (51)
Clayton	23	30.4 (47)	13.0 (69)	27	0.0 (32)	23	39.1 (24)	24	100.0 (1)
Clinton	132	36.4 (27)	8.3 (53)	141	0.7 (27)	60	38.3 (25)	114	86.8 (77)
Crawford	76	25.0 (73)	7.9 (51)	99	0.0 (32)	19	26.3 (39)	28	92.9 (57)
Dallas	64	32.8 (42)	6.3 (39)	81	1.2 (23)	36	25.0 (43)	38	97.4 (38)
Davis	5	40.0 (17)	0.0 (1)	9	11.1 (2)	1	0.0 (85)	1	100.0 (1)
Decatur	21	23.8 (78)	4.8 (27)	23	0.0 (32)	11	18.2 (59)	10	100.0 (1)
Delaware	14	21.4 (84)	14.3 (73)	15	0.0 (32)	14	7.1 (84)	14	100.0 (1)
Des Moines	132	27.3 (68)	3.0 (22)	146	1.4 (22)	107	25.2 (42)	131	94.7 (45)
Dickinson	15	20.0 (85)	6.7 (44)	19	0.0 (32)	14	57.1 (7)	15	100.0 (1)
Dubuque	300	37.3 (26)	12.0 (67)	324	1.9 (15)	273	16.1 (70)	276	93.5 (53)
Emmet	24	29.2 (57)	8.3 (53)	31	0.0 (32)	21	47.6 (13)	22	90.9 (62)
Fayette	34	29.4 (54)	2.9 (21)	41	2.4 (11)	38	26.3 (39)	38	94.7 (45)
Floyd	46	39.1 (21)	13.0 (69)	54	0.0 (32)	38	21.1 (54)	48	89.6 (69)
Franklin	29	27.6 (62)	31.0 (99)	42	0.0 (32)	29	27.6 (37)	36	83.3 (86)
Fremont	3	0.0 (97)	0.0 (1)	5	20.0 (1)	0	0.0 (85)	0	0.0 (98)
Greene	14	28.6 (58)	21.4 (86)	18	0.0 (32)	6	33.3 (32)	6	83.3 (86)
Grundy	4	0.0 (97)	25.0 (91)	8	0.0 (32)	4	50.0 (8)	4	100.0 (1)
Guthrie	11	45.5 (11)	0.0 (1)	17	0.0 (32)	3	0.0 (85)	3	100.0 (1)
Hamilton	51	27.5 (64)	29.4 (97)	56	1.8 (17)	40	22.5 (49)	46	82.6 (88)
Hancock	20	40.0 (17)	25.0 (91)	21	0.0 (32)	19	15.8 (72)	19	78.9 (92)

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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.
* National includes previous year's data for all participating States and ITOs.
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WIC PNSS & PedNSS

Table 6B

2019 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	15	46.7 (9)	6.7 (44)	20	0.0 (32)	9	0.0 (85)	10	90.0 (67)
Harrison	21	33.3 (35)	4.8 (27)	32	0.0 (32)	3	0.0 (85)	3	66.7 (95)
Henry	36	30.6 (46)	5.6 (33)	42	0.0 (32)	31	12.9 (79)	37	86.5 (79)
Howard	20	30.0 (50)	15.0 (75)	26	0.0 (32)	22	18.2 (59)	22	81.8 (90)
Humboldt	15	26.7 (70)	26.7 (94)	16	0.0 (32)	16	43.8 (18)	16	100.0 (1)
Ida	20	45.0 (13)	5.0 (31)	24	4.2 (5)	9	22.2 (51)	9	100.0 (1)
Iowa	4	25.0 (73)	0.0 (1)	10	0.0 (32)	1	0.0 (85)	1	100.0 (1)
Jackson	21	38.1 (23)	4.8 (27)	23	0.0 (32)	11	45.5 (15)	19	94.7 (45)
Jasper	67	23.9 (77)	11.9 (66)	87	0.0 (32)	47	14.9 (75)	52	90.4 (65)
Jefferson	9	33.3 (35)	11.1 (60)	13	0.0 (32)	1	0.0 (85)	2	100.0 (1)
Johnson	226	18.6 (90)	19.0 (80)	319	2.2 (12)	80	22.5 (49)	91	92.3 (59)
Jones	27	29.6 (52)	0.0 (1)	34	2.9 (9)	16	37.5 (26)	27	96.3 (41)
Keokuk	5	40.0 (17)	20.0 (82)	7	0.0 (32)	1	0.0 (85)	1	100.0 (1)
Kossuth	40	50.0 (6)	7.5 (49)	42	0.0 (32)	36	19.4 (57)	38	97.4 (38)
Lee	80	27.5 (64)	1.3 (20)	90	0.0 (32)	73	16.4 (69)	83	95.2 (43)
Linn	543	25.2 (72)	8.5 (55)	665	0.5 (28)	345	14.2 (77)	464	90.5 (63)
Louisa	14	35.7 (29)	7.1 (48)	14	0.0 (32)	11	36.4 (29)	11	81.8 (90)
Lucas	18	33.3 (35)	5.6 (33)	21	0.0 (32)	14	35.7 (31)	14	64.3 (97)
Lyon	5	20.0 (85)	20.0 (82)	12	0.0 (32)	4	50.0 (8)	5	100.0 (1)
Madison	15	20.0 (85)	20.0 (82)	17	0.0 (32)	7	28.6 (35)	6	66.7 (95)
Mahaska	24	37.5 (24)	4.2 (25)	36	0.0 (32)	5	40.0 (22)	5	100.0 (1)

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(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

2019 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	63	28.6 (58)	11.1 (60)	84	1.2 (23)	46	23.9 (45)	49	93.9 (49)
Marshall	190	33.7 (34)	6.3 (39)	244	0.4 (31)	146	17.1 (64)	153	86.3 (80)
Mills	9	11.1 (95)	0.0 (1)	18	0.0 (32)	1	100.0 (1)	2	100.0 (1)
Mitchell	23	34.8 (32)	21.7 (87)	25	0.0 (32)	19	36.8 (28)	23	91.3 (61)
Monona	17	17.6 (91)	0.0 (1)	25	0.0 (32)	2	50.0 (8)	4	100.0 (1)
Monroe	10	60.0 (3)	0.0 (1)	10	0.0 (32)	4	25.0 (43)	4	100.0 (1)
Montgomery	17	23.5 (80)	11.8 (63)	26	0.0 (32)	2	0.0 (85)	4	100.0 (1)
Muscatine	175	32.0 (45)	6.3 (39)	185	1.6 (19)	181	19.3 (58)	185	96.2 (42)
O Brien	26	26.9 (69)	11.5 (62)	32	3.1 (8)	26	50.0 (8)	28	96.4 (40)
Osceola	6	16.7 (92)	0.0 (1)	12	0.0 (32)	6	66.7 (5)	6	100.0 (1)
Page	47	42.6 (15)	4.3 (26)	52	0.0 (32)	24	41.7 (20)	21	100.0 (1)
Palo Alto	8	37.5 (24)	12.5 (68)	8	0.0 (32)	7	71.4 (4)	8	100.0 (1)
Plymouth	26	15.4 (93)	3.8 (23)	41	0.0 (32)	15	20.0 (55)	15	93.3 (54)
Pocahontas	1	100.0 (1)	0.0 (1)	2	0.0 (32)	1	0.0 (85)	1	100.0 (1)
Polk	1,387	27.6 (62)	13.6 (72)	1,879	0.5 (28)	616	15.6 (73)	820	88.0 (76)
Pottawatta	288	35.1 (31)	6.3 (39)	373	0.0 (32)	118	16.9 (65)	120	89.2 (71)
Poweshiek	23	34.8 (32)	21.7 (87)	27	7.4 (3)	14	21.4 (53)	15	93.3 (54)
Ringgold	9	11.1 (95)	0.0 (1)	11	0.0 (32)	6	16.7 (66)	6	100.0 (1)
Sac	10	30.0 (50)	20.0 (82)	10	0.0 (32)	6	16.7 (66)	6	100.0 (1)
Scott	420	29.5 (53)	13.1 (71)	569	1.9 (15)	24	8.3 (83)	25	100.0 (1)
Shelby	21	19.0 (89)	9.5 (57)	35	0.0 (32)	1	100.0 (1)	3	100.0 (1)

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

2019 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	74	24.3 (75)	8.1 (52)	122	1.6 (19)	29	17.2 (62)	33	93.9 (49)
Story	110	32.7 (43)	11.8 (63)	163	2.5 (10)	85	25.9 (41)	84	90.5 (63)
Tama	25	28.0 (60)	0.0 (1)	39	5.1 (4)	22	13.6 (78)	23	78.3 (93)
Taylor	15	33.3 (35)	6.7 (44)	19	0.0 (32)	7	42.9 (19)	7	85.7 (83)
Union	47	44.7 (14)	8.5 (55)	65	0.0 (32)	23	21.7 (52)	27	92.6 (58)
Van Buren	6	33.3 (35)	0.0 (1)	6	0.0 (32)	0	0.0 (85)	0	0.0 (98)
Wapello	255	32.5 (44)	28.6 (96)	367	1.6 (19)	30	23.3 (47)	30	76.7 (94)
Warren	40	27.5 (64)	30.0 (98)	49	0.0 (32)	29	27.6 (37)	31	90.3 (66)
Washington	27	14.8 (94)	18.5 (79)	30	0.0 (32)	12	16.7 (66)	14	85.7 (83)
Wayne	13	46.2 (10)	7.7 (50)	15	0.0 (32)	9	44.4 (16)	9	100.0 (1)
Webster	167	27.5 (64)	24.0 (90)	201	2.0 (13)	125	16.0 (71)	165	82.4 (89)
Winnebago	51	35.3 (30)	11.8 (63)	56	1.8 (17)	51	23.5 (46)	52	84.6 (85)
Winneshiek	13	23.1 (81)	15.4 (76)	17	0.0 (32)	13	30.8 (34)	13	100.0 (1)
Woodbury	460	30.2 (48)	6.5 (43)	614	0.8 (26)	79	31.6 (33)	107	94.4 (48)
Worth	6	33.3 (35)	16.7 (77)	8	0.0 (32)	5	40.0 (22)	7	100.0 (1)
Wright	61	19.7 (88)	26.2 (93)	69	0.0 (32)	51	9.8 (82)	58	86.2 (81)
Iowa	**7,379**	**29.9**	**12.1**	**9,673**	**0.9**	**4,023**	**21.3**	**4,805**	**90.3**
National (Prior Year)	**99,175**	**68.5**	**7.4**	**127,401**	**22.9**	**94,432**	**19.4**	**93,223**	**87.9**

(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) 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
2019 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	24	33.3 (52)	17	17.6 (49)	7	28.6 (39)	23	0.0 (1)	18	0.0 (1)
Adams	9	33.3 (52)	13	30.8 (86)	4	0.0 (78)	9	11.1 (74)	12	8.3 (86)
Allamakee	48	14.6 (14)	53	9.4 (17)	7	28.6 (39)	48	8.3 (57)	51	7.8 (85)
Appanoose	17	52.9 (91)	14	35.7 (91)	9	0.0 (78)	16	12.5 (79)	10	0.0 (1)
Audubon	7	14.3 (12)	9	22.2 (67)	2	0.0 (78)	7	14.3 (86)	9	11.1 (92)
Benton	20	20.0 (21)	17	11.8 (27)	5	20.0 (59)	22	13.6 (85)	16	0.0 (1)
Blackhawk	463	31.1 (46)	404	20.0 (58)	135	20.0 (59)	472	9.7 (67)	415	1.4 (62)
Boone	21	57.1 (94)	20	55.0 (98)	12	8.3 (75)	21	0.0 (1)	19	0.0 (1)
Bremer	12	41.7 (77)	9	11.1 (23)	2	0.0 (78)	12	0.0 (1)	9	0.0 (1)
Buchanan	22	50.0 (85)	22	22.7 (71)	10	10.0 (72)	21	4.8 (34)	19	0.0 (1)
Buena Vist	64	12.5 (10)	107	1.9 (7)	8	75.0 (1)	64	4.7 (33)	103	3.9 (74)
Butler	19	26.3 (37)	22	22.7 (71)	5	20.0 (59)	19	0.0 (1)	19	0.0 (1)
Calhoun	17	29.4 (42)	20	20.0 (58)	6	16.7 (66)	17	17.6 (92)	20	5.0 (77)
Carroll	56	41.1 (75)	69	18.8 (54)	22	45.5 (17)	55	1.8 (25)	68	2.9 (70)
Cass	25	40.0 (71)	11	45.5 (95)	10	20.0 (59)	25	0.0 (1)	10	0.0 (1)
Cedar	3	33.3 (52)	7	42.9 (93)	2	0.0 (78)	3	0.0 (1)	7	0.0 (1)
Cerro Gord	169	32.0 (51)	203	18.7 (53)	54	22.2 (55)	168	4.8 (34)	191	1.0 (57)
Cherokee	20	45.0 (80)	31	25.8 (79)	9	0.0 (78)	20	20.0 (94)	31	9.7 (90)

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(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
2019 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	14	21.4 (24)	9	0.0 (1)	2	50.0 (7)	13	7.7 (51)	7	0.0 (1)
Clarke	37	18.9 (20)	39	20.5 (63)	6	16.7 (66)	37	5.4 (38)	36	0.0 (1)
Clay	49	38.8 (69)	55	18.2 (51)	16	37.5 (24)	49	8.2 (56)	52	15.4 (95)
Clayton	25	44.0 (79)	23	26.1 (81)	13	30.8 (37)	24	20.8 (97)	23	13.0 (93)
Clinton	137	45.3 (81)	158	21.5 (66)	54	29.6 (38)	137	6.6 (48)	157	0.0 (1)
Crawford	82	11.0 (8)	68	7.4 (15)	9	22.2 (55)	82	0.0 (1)	67	0.0 (1)
Dallas	56	21.4 (24)	50	6.0 (11)	9	44.4 (18)	58	0.0 (1)	53	0.0 (1)
Davis	5	0.0 (1)	5	20.0 (58)	1	0.0 (78)	5	0.0 (1)	3	33.3 (99)
Decatur	22	36.4 (64)	18	11.1 (23)	6	16.7 (66)	22	0.0 (1)	16	6.3 (82)
Delaware	14	35.7 (62)	13	15.4 (38)	5	0.0 (78)	14	0.0 (1)	13	0.0 (1)
Des Moines	137	48.2 (84)	158	22.2 (67)	65	43.1 (19)	136	11.8 (75)	157	3.2 (71)
Dickinson	17	17.6 (18)	19	15.8 (41)	3	66.7 (3)	17	5.9 (41)	19	31.6 (98)
Dubuque	318	14.5 (13)	334	6.9 (14)	45	24.4 (53)	315	0.0 (1)	330	0.0 (1)
Emmet	23	8.7 (4)	39	10.3 (19)	2	50.0 (7)	23	13.0 (83)	36	13.9 (94)
Fayette	39	35.9 (63)	44	15.9 (42)	15	33.3 (29)	41	26.8 (99)	45	15.6 (96)
Floyd	50	34.0 (59)	64	17.2 (48)	17	41.2 (20)	49	2.0 (26)	64	0.0 (1)
Franklin	37	21.6 (26)	43	14.0 (32)	8	25.0 (48)	38	0.0 (1)	40	2.5 (66)
Fremont	5	40.0 (71)	4	25.0 (77)	1	0.0 (78)	5	20.0 (94)	4	0.0 (1)
Greene	16	56.3 (93)	19	21.1 (64)	9	55.6 (6)	16	18.8 (93)	19	5.3 (78)

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(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.

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Table 7B
2019 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	4	0.0 (1)	7	0.0 (1)	0	0.0 (78)	4	0.0 (1)	7	0.0 (1)
Guthrie	11	36.4 (64)	18	16.7 (44)	4	50.0 (7)	11	9.1 (60)	18	0.0 (1)
Hamilton	50	34.0 (59)	65	20.0 (58)	21	33.3 (29)	50	8.0 (53)	65	0.0 (1)
Hancock	20	20.0 (21)	26	15.4 (38)	4	50.0 (7)	19	10.5 (71)	23	0.0 (1)
Hardin	16	31.3 (47)	19	26.3 (82)	5	20.0 (59)	17	11.8 (75)	17	0.0 (1)
Harrison	21	28.6 (39)	21	19.0 (57)	4	25.0 (48)	21	9.5 (64)	20	0.0 (1)
Henry	37	29.7 (44)	53	17.0 (47)	11	27.3 (44)	37	8.1 (54)	52	0.0 (1)
Howard	26	34.6 (61)	22	27.3 (84)	7	28.6 (39)	26	15.4 (88)	22	4.5 (76)
Humboldt	17	47.1 (83)	19	21.1 (64)	8	50.0 (7)	17	11.8 (75)	17	0.0 (1)
Ida	22	31.8 (50)	22	18.2 (51)	6	16.7 (66)	21	9.5 (64)	22	9.1 (89)
Iowa	5	60.0 (95)	7	57.1 (99)	4	25.0 (48)	5	20.0 (94)	7	0.0 (1)
Jackson	23	65.2 (96)	27	25.9 (80)	14	28.6 (39)	22	9.1 (60)	28	3.6 (72)
Jasper	75	33.3 (52)	83	18.1 (50)	24	25.0 (48)	76	9.2 (63)	82	1.2 (59)
Jefferson	11	54.5 (92)	7	14.3 (34)	7	28.6 (39)	11	9.1 (60)	6	0.0 (1)
Johnson	235	11.5 (9)	205	4.4 (8)	19	36.8 (25)	233	2.6 (29)	196	0.5 (53)
Jones	26	46.2 (82)	25	28.0 (85)	12	0.0 (78)	28	3.6 (30)	33	6.1 (81)
Keokuk	6	66.7 (97)	6	50.0 (96)	4	0.0 (78)	6	0.0 (1)	6	0.0 (1)
Kossuth	41	9.8 (5)	46	10.9 (20)	4	50.0 (7)	40	5.0 (36)	40	0.0 (1)
Lee	82	41.5 (76)	104	23.1 (74)	35	31.4 (36)	82	8.5 (58)	103	0.0 (1)

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(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

2019 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	548	25.7 (34)	598	14.0 (32)	161	36.6 (26)	581	5.7 (40)	675	1.3 (61)
Louisa	14	0.0 (1)	15	0.0 (1)	0	0.0 (78)	14	0.0 (1)	15	0.0 (1)
Lucas	20	25.0 (32)	17	11.8 (27)	5	40.0 (21)	20	5.0 (36)	16	0.0 (1)
Lyon	6	16.7 (15)	12	16.7 (44)	1	0.0 (78)	6	0.0 (1)	12	0.0 (1)
Madison	16	31.3 (47)	18	11.1 (23)	4	50.0 (7)	16	12.5 (79)	16	6.3 (82)
Mahaska	27	40.7 (74)	25	32.0 (87)	9	11.1 (71)	27	14.8 (87)	24	8.3 (86)
Marion	55	50.9 (90)	49	24.5 (76)	24	20.8 (58)	64	10.9 (73)	48	0.0 (1)
Marshall	210	10.0 (7)	221	10.9 (20)	22	4.5 (77)	216	4.2 (31)	251	0.8 (54)
Mills	10	40.0 (71)	10	0.0 (1)	3	66.7 (3)	9	0.0 (1)	10	0.0 (1)
Mitchell	23	26.1 (36)	31	12.9 (29)	6	50.0 (7)	22	4.5 (32)	27	3.7 (73)
Monona	17	17.6 (18)	19	26.3 (82)	5	0.0 (78)	17	5.9 (41)	18	0.0 (1)
Monroe	8	50.0 (85)	7	42.9 (93)	4	0.0 (78)	8	12.5 (79)	7	0.0 (1)
Montgomery	16	68.8 (98)	16	50.0 (96)	10	10.0 (72)	16	0.0 (1)	16	0.0 (1)
Muscatine	185	30.8 (45)	219	20.1 (62)	54	25.9 (46)	185	12.4 (78)	214	0.9 (56)
O Brien	27	25.9 (35)	30	6.7 (12)	8	62.5 (5)	28	7.1 (50)	27	0.0 (1)
Osceola	6	16.7 (15)	15	6.7 (12)	1	0.0 (78)	6	16.7 (89)	15	0.0 (1)
Page	48	50.0 (85)	44	22.7 (71)	22	18.2 (64)	48	10.4 (70)	40	2.5 (66)
Palo Alto	8	12.5 (10)	12	16.7 (44)	0	0.0 (78)	8	12.5 (79)	12	25.0 (97)
Plymouth	27	29.6 (43)	37	8.1 (16)	7	71.4 (2)	27	0.0 (1)	36	2.8 (68)

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(4) Among women who smoked 3 months prior to pregnancy.
* National includes previous year's data for all participating States and ITOs.
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Table 7B

2019 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	1	100.0 (99)	3	33.3 (88)	1	0.0 (78)	1	0.0 (1)	3	0.0 (1)
Polk	1,160	20.6 (23)	1,144	14.3 (34)	261	25.7 (47)	1,337	5.4 (38)	1,435	1.5 (63)
Pottawatta	300	39.3 (70)	282	22.3 (70)	114	26.3 (45)	299	6.4 (47)	272	0.4 (52)
Poweshiek	22	22.7 (30)	26	15.4 (38)	4	25.0 (48)	23	17.4 (91)	24	0.0 (1)
Ringgold	8	37.5 (67)	8	25.0 (77)	3	33.3 (29)	8	0.0 (1)	8	0.0 (1)
Sac	10	50.0 (85)	12	33.3 (88)	6	33.3 (29)	10	10.0 (69)	12	8.3 (86)
Scott	444	28.4 (38)	316	16.5 (43)	102	17.6 (65)	442	9.5 (64)	309	4.2 (75)
Shelby	23	43.5 (78)	23	34.8 (90)	12	16.7 (66)	23	8.7 (59)	23	0.0 (1)
Sioux	82	9.8 (5)	88	5.7 (10)	9	33.3 (29)	82	2.4 (28)	86	0.0 (1)
Story	137	24.8 (31)	138	13.8 (31)	31	35.5 (28)	143	7.0 (49)	129	0.8 (54)
Tama	32	21.9 (28)	32	9.4 (17)	6	33.3 (29)	34	5.9 (41)	37	5.4 (79)
Taylor	14	50.0 (85)	19	5.3 (9)	6	33.3 (29)	15	13.3 (84)	17	5.9 (80)
Union	51	31.4 (49)	54	14.8 (36)	13	7.7 (76)	51	9.8 (68)	48	0.0 (1)
Van Buren	6	33.3 (52)	3	0.0 (1)	2	0.0 (78)	6	16.7 (89)	3	0.0 (1)
Wapello	293	29.0 (41)	192	18.8 (54)	73	9.6 (74)	284	6.3 (46)	169	1.2 (59)
Warren	37	37.8 (68)	39	23.1 (74)	14	21.4 (57)	39	7.7 (51)	40	7.5 (84)
Washington	28	28.6 (39)	18	22.2 (67)	5	0.0 (78)	28	10.7 (72)	17	0.0 (1)
Wayne	9	22.2 (29)	8	37.5 (92)	3	0.0 (78)	10	0.0 (1)	8	0.0 (1)
Webster	189	37.0 (66)	212	18.9 (56)	71	39.4 (23)	186	8.1 (54)	211	1.9 (64)

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(4) Among women who smoked 3 months prior to pregnancy.
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* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS
Table 7B
2019 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	52	25.0 (32)	55	10.9 (20)	12	50.0 (7)	48	2.1 (27)	53	1.9 (64)
Winneshiek	15	33.3 (52)	20	15.0 (37)	5	40.0 (21)	14	21.4 (98)	20	10.0 (91)
Woodbury	477	21.6 (26)	377	11.7 (26)	87	23.0 (54)	486	6.0 (44)	413	1.0 (57)
Worth	6	33.3 (52)	9	0.0 (1)	2	50.0 (7)	6	0.0 (1)	9	0.0 (1)
Wright	66	16.7 (15)	73	13.7 (30)	11	36.4 (27)	66	6.1 (45)	72	2.8 (68)
Iowa	**7,560**	**27.2**	**7,538**	**15.8**	**1,987**	**26.8**	**7,788**	**6.6**	**7,829**	**1.9**
National (Prior Year)	**108,764**	**27.1**	**119,789**	**14.3**	**24,778**	**36.6**	**97,290**	**10.0**	**120,070**	**3.5**

(1) Reporting period is January 1 through December 31.
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(3) Rank compares one County's rate to other Counties. Rank 1 = best rate.
(4) Among women who smoked 3 months prior to pregnancy.
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WIC PNSS & PedNSS

Table 8B

2019 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	28	14.3 (91)	14.3 (86)	27	11.1 (54)	24	4.2 (70)	28	57.1 (88)
Adams	15	0.0 (1)	13.3 (83)	14	28.6 (96)	10	0.0 (1)	15	60.0 (80)
Allamakee	58	8.6 (60)	8.6 (56)	51	9.8 (45)	46	4.3 (72)	58	69.0 (54)
Appanoose	29	3.4 (18)	6.9 (33)	24	12.5 (70)	21	0.0 (1)	29	58.6 (85)
Audubon	9	11.1 (80)	0.0 (1)	9	0.0 (1)	9	11.1 (93)	9	77.8 (22)
Benton	33	3.0 (14)	21.2 (97)	30	6.7 (19)	28	0.0 (1)	33	63.6 (71)
Blackhawk	740	9.2 (70)	8.5 (55)	634	11.7 (60)	556	4.0 (67)	746	70.9 (45)
Boone	25	8.0 (56)	12.0 (79)	21	9.5 (41)	19	5.3 (82)	25	64.0 (70)
Bremer	17	11.8 (85)	11.8 (75)	17	11.8 (61)	15	13.3 (98)	17	76.5 (27)
Buchanan	32	6.3 (38)	15.6 (91)	26	7.7 (29)	24	0.0 (1)	32	62.5 (74)
Buena Vist	111	9.0 (65)	8.1 (51)	88	14.8 (81)	75	4.0 (67)	111	70.3 (50)
Butler	23	21.7 (98)	8.7 (58)	19	21.1 (91)	15	13.3 (98)	23	73.9 (38)
Calhoun	20	10.0 (73)	5.0 (19)	20	10.0 (47)	18	11.1 (93)	20	60.0 (80)
Carroll	69	8.7 (63)	8.7 (58)	69	8.7 (37)	63	0.0 (1)	69	73.9 (38)
Cass	35	11.4 (84)	14.3 (86)	33	18.2 (89)	27	3.7 (65)	35	48.6 (96)
Cedar	8	0.0 (1)	0.0 (1)	8	0.0 (1)	8	0.0 (1)	8	75.0 (34)
Cerro Gord	198	8.6 (60)	7.6 (41)	175	10.3 (51)	156	4.5 (75)	199	66.8 (61)
Cherokee	37	13.5 (90)	8.1 (51)	35	11.4 (58)	31	12.9 (97)	37	89.2 (1)
Chickasaw	16	6.3 (38)	6.3 (28)	15	6.7 (19)	14	0.0 (1)	16	81.3 (14)

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(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

2019 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	51	7.8 (53)	11.8 (75)	45	15.6 (84)	38	2.6 (58)	51	70.6 (47)
Clay	52	1.9 (12)	13.5 (84)	47	6.4 (18)	44	0.0 (1)	52	78.8 (18)
Clayton	26	7.7 (50)	11.5 (74)	24	4.2 (14)	23	8.7 (91)	26	80.8 (16)
Clinton	181	11.0 (79)	7.2 (36)	137	10.9 (53)	122	4.9 (77)	182	69.2 (52)
Crawford	101	6.9 (42)	4.0 (16)	101	14.9 (83)	86	1.2 (47)	101	64.4 (68)
Dallas	93	3.2 (15)	7.5 (40)	77	2.6 (12)	75	1.3 (49)	93	78.5 (21)
Davis	8	0.0 (1)	0.0 (1)	8	12.5 (70)	7	0.0 (1)	8	62.5 (74)
Decatur	27	7.4 (46)	7.4 (38)	22	0.0 (1)	22	4.5 (75)	27	59.3 (84)
Delaware	16	18.8 (96)	6.3 (28)	15	26.7 (95)	11	9.1 (92)	16	25.0 (99)
Des Moines	166	6.6 (41)	6.0 (26)	142	7.0 (24)	132	5.3 (82)	166	54.2 (93)
Dickinson	19	5.3 (30)	15.8 (92)	18	16.7 (85)	15	0.0 (1)	19	63.2 (72)
Dubuque	359	7.2 (44)	6.7 (31)	310	7.1 (25)	288	4.9 (77)	362	51.9 (94)
Emmet	37	5.4 (32)	10.8 (68)	31	12.9 (74)	26	0.0 (1)	38	63.2 (72)
Fayette	51	9.8 (72)	11.8 (75)	41	7.3 (27)	38	5.3 (82)	51	66.7 (63)
Floyd	63	3.2 (15)	11.1 (70)	54	11.1 (54)	47	2.1 (54)	64	64.1 (69)
Franklin	42	4.8 (28)	14.3 (86)	41	14.6 (78)	35	0.0 (1)	42	71.4 (44)
Fremont	6	0.0 (1)	16.7 (93)	4	50.0 (98)	2	0.0 (1)	6	83.3 (7)
Greene	18	5.6 (35)	5.6 (22)	18	11.1 (54)	16	6.3 (86)	18	72.2 (42)
Grundy	9	11.1 (80)	0.0 (1)	8	37.5 (97)	5	0.0 (1)	9	55.6 (91)

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WIC PNSS & PedNSS

Table 8B

2019 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	17	0.0 (1)	5.9 (24)	16	0.0 (1)	16	0.0 (1)	17	70.6 (47)
Hamilton	66	15.2 (92)	4.5 (17)	56	17.9 (88)	46	6.5 (87)	66	78.8 (18)
Hancock	27	3.7 (22)	11.1 (70)	22	4.5 (15)	21	0.0 (1)	27	74.1 (37)
Hardin	25	16.0 (93)	8.0 (49)	20	25.0 (93)	15	0.0 (1)	25	60.0 (80)
Harrison	33	9.1 (66)	6.1 (27)	32	12.5 (70)	28	3.6 (64)	33	78.8 (18)
Henry	53	11.3 (83)	5.7 (23)	41	14.6 (78)	35	2.9 (62)	54	75.9 (32)
Howard	27	7.4 (46)	14.8 (90)	25	12.0 (66)	22	0.0 (1)	27	85.2 (5)
Humboldt	16	12.5 (87)	6.3 (28)	14	21.4 (92)	11	0.0 (1)	16	68.8 (55)
Ida	22	4.5 (27)	4.5 (17)	22	9.1 (39)	20	0.0 (1)	22	81.8 (10)
Iowa	11	9.1 (66)	18.2 (95)	10	10.0 (47)	9	11.1 (93)	11	81.8 (10)
Jackson	30	10.0 (73)	3.3 (13)	23	26.1 (94)	17	0.0 (1)	30	56.7 (90)
Jasper	96	4.2 (24)	16.7 (93)	82	6.1 (16)	76	1.3 (49)	97	69.1 (53)
Jefferson	17	0.0 (1)	11.8 (75)	14	7.1 (25)	13	0.0 (1)	17	64.7 (67)
Johnson	344	11.9 (86)	7.8 (46)	302	9.3 (40)	270	5.2 (80)	348	85.9 (4)
Jones	33	6.1 (37)	3.0 (12)	31	9.7 (44)	28	0.0 (1)	33	66.7 (63)
Keokuk	8	12.5 (87)	12.5 (81)	6	16.7 (85)	5	0.0 (1)	8	62.5 (74)
Kossuth	45	4.4 (26)	22.2 (98)	41	9.8 (45)	37	0.0 (1)	45	77.8 (22)
Lee	105	10.5 (78)	8.6 (56)	87	10.3 (51)	77	5.2 (80)	105	47.6 (97)
Linn	710	7.2 (44)	9.7 (65)	645	8.1 (32)	571	3.9 (66)	740	71.8 (43)

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WIC PNSS & PedNSS

Table 8B

2019 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	17	5.9 (36)	5.9 (24)	15	6.7 (19)	14	7.1 (89)	17	76.5 (27)
Lucas	22	9.1 (66)	13.6 (85)	21	14.3 (76)	18	0.0 (1)	22	68.2 (60)
Lyon	13	7.7 (50)	7.7 (44)	12	8.3 (33)	11	0.0 (1)	13	61.5 (78)
Madison	24	4.2 (24)	8.3 (53)	17	11.8 (61)	15	0.0 (1)	24	79.2 (17)
Mahaska	43	7.0 (43)	9.3 (63)	35	8.6 (36)	32	3.1 (63)	43	51.2 (95)
Marion	107	10.3 (76)	10.3 (67)	83	8.4 (35)	76	5.3 (82)	107	61.7 (77)
Marshall	287	8.7 (63)	8.0 (49)	242	9.5 (41)	213	4.2 (70)	294	76.2 (30)
Mills	19	0.0 (1)	5.3 (20)	17	0.0 (1)	17	0.0 (1)	19	57.9 (87)
Mitchell	30	3.3 (17)	3.3 (13)	25	8.0 (30)	23	0.0 (1)	30	83.3 (7)
Monona	27	7.4 (46)	3.7 (15)	25	8.0 (30)	23	4.3 (72)	27	70.4 (49)
Monroe	13	7.7 (50)	7.7 (44)	11	18.2 (89)	9	0.0 (1)	13	61.5 (78)
Montgomery	29	3.4 (18)	6.9 (33)	27	7.4 (28)	25	0.0 (1)	29	75.9 (32)
Muscatine	219	8.2 (58)	7.8 (46)	179	12.3 (69)	157	2.5 (57)	219	76.7 (26)
O Brien	35	8.6 (60)	2.9 (11)	30	16.7 (85)	25	0.0 (1)	35	88.6 (2)
Osceola	16	0.0 (1)	12.5 (81)	12	0.0 (1)	12	0.0 (1)	16	81.3 (14)
Page	55	3.6 (21)	9.1 (61)	52	11.5 (59)	46	2.2 (55)	54	68.5 (58)
Palo Alto	12	16.7 (94)	0.0 (1)	8	12.5 (70)	7	0.0 (1)	12	75.0 (34)
Plymouth	44	9.1 (66)	2.3 (10)	41	14.6 (78)	34	0.0 (1)	45	84.4 (6)
Pocahontas	3	33.3 (99)	0.0 (1)	2	50.0 (98)	1	0.0 (1)	3	66.7 (63)

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WIC PNSS & PedNSS

Table 8B

2019 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	1,975	9.3 (71)	7.6 (41)	1,818	9.6 (43)	1,622	4.3 (72)	2,005	77.5 (25)
Pottawatta	394	10.2 (75)	7.6 (41)	362	11.3 (57)	319	5.0 (79)	399	72.7 (40)
Poweshiek	29	3.4 (18)	6.9 (33)	24	8.3 (33)	22	0.0 (1)	29	58.6 (85)
Ringgold	12	0.0 (1)	0.0 (1)	11	0.0 (1)	11	0.0 (1)	12	66.7 (63)
Sac	10	0.0 (1)	0.0 (1)	10	0.0 (1)	10	0.0 (1)	10	60.0 (80)
Scott	613	10.4 (77)	9.6 (64)	553	11.9 (64)	486	4.1 (69)	614	68.6 (57)
Shelby	38	5.3 (30)	0.0 (1)	35	14.3 (76)	30	0.0 (1)	38	55.3 (92)
Sioux	129	5.4 (32)	7.8 (46)	120	10.0 (47)	107	2.8 (59)	130	86.9 (3)
Story	206	7.8 (53)	11.2 (73)	156	9.0 (38)	141	2.8 (59)	206	81.6 (13)
Tama	40	7.5 (49)	10.0 (66)	37	2.7 (13)	36	2.8 (59)	40	72.5 (41)
Taylor	21	4.8 (28)	14.3 (86)	19	0.0 (1)	19	0.0 (1)	21	57.1 (88)
Union	75	4.0 (23)	5.3 (20)	65	6.2 (17)	61	1.6 (51)	75	82.7 (9)
Van Buren	7	0.0 (1)	42.9 (99)	7	0.0 (1)	7	0.0 (1)	7	42.9 (98)
Wapello	380	5.5 (34)	7.4 (38)	344	6.7 (19)	321	1.2 (47)	380	74.5 (36)
Warren	73	8.2 (58)	6.8 (32)	49	12.2 (68)	43	0.0 (1)	72	69.4 (51)
Washington	34	2.9 (13)	8.8 (60)	29	6.9 (23)	27	0.0 (1)	34	76.5 (27)
Wayne	16	18.8 (96)	18.8 (96)	15	13.3 (75)	13	7.7 (90)	16	68.8 (55)
Webster	214	7.9 (55)	8.4 (54)	199	10.1 (50)	179	1.1 (46)	214	66.8 (61)
Winnebago	55	12.7 (89)	10.9 (69)	54	14.8 (81)	46	2.2 (55)	55	70.9 (45)

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WIC PNSS & PedNSS

Table 8B

2019 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	22	18.2 (95)	9.1 (61)	17	11.8 (61)	15	6.7 (88)	22	81.8 (10)
Woodbury	635	6.5 (40)	7.2 (36)	601	12.1 (67)	512	1.8 (53)	653	68.3 (59)
Worth	9	11.1 (80)	11.1 (70)	8	0.0 (1)	8	12.5 (96)	9	77.8 (22)
Wright	75	8.0 (56)	12.0 (79)	67	11.9 (64)	59	1.7 (52)	75	76.0 (31)
Iowa	**10,590**	**8.3**	**8.4**	**9,401**	**10.2**	**8,360**	**3.4**	**10,700**	**71.7**
National (Prior Year)	**117,623**	**9.3**	**6.6**	**117,628**	**11.8**	**100,072**	**3.9**	**116,293**	**57.2**

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WIC PNSS & PedNSS

Table 3B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adair	69	88.4	1.4	7.2	0.0	1.4	1.4	0.0
Adams	32	96.9	0.0	3.1	0.0	0.0	0.0	0.0
Allamakee	196	57.1	6.1	35.7	0.0	0.5	0.5	0.0
Appanoose	73	91.8	1.4	6.8	0.0	0.0	0.0	0.0
Audubon	36	94.4	0.0	5.6	0.0	0.0	0.0	0.0
Benton	98	98.0	0.0	2.0	0.0	0.0	0.0	0.0
Blackhawk	2,390	57.0	24.1	9.3	0.5	5.5	3.5	0.0
Boone	78	84.6	2.6	10.3	0.0	0.0	2.6	0.0
Bremer	65	93.8	3.1	3.1	0.0	0.0	0.0	0.0
Buchanan	103	96.1	1.0	2.9	0.0	0.0	0.0	0.0
Buena Vist	400	27.8	4.5	50.0	0.3	17.0	0.5	0.0
Butler	60	95.0	0.0	3.3	0.0	0.0	1.7	0.0
Calhoun	53	94.3	0.0	5.7	0.0	0.0	0.0	0.0
Carroll	216	75.9	6.5	16.2	0.0	1.4	0.0	0.0
Cass	127	89.8	0.8	8.7	0.0	0.0	0.8	0.0
Cedar	25	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Cerro Gord	686	77.0	6.0	10.5	0.4	3.1	3.1	0.0
Cherokee	116	89.7	1.7	8.6	0.0	0.0	0.0	0.0
Chickasaw	58	69.0	0.0	27.6	0.0	0.0	3.4	0.0
Clarke	129	67.4	0.8	31.0	0.0	0.8	0.0	0.0
Clay	197	79.2	0.5	17.3	0.0	2.5	0.5	0.0
Clayton	103	91.3	0.0	6.8	0.0	1.0	1.0	0.0
Clinton	565	80.0	9.7	7.8	0.0	0.2	2.3	0.0

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WIC PNSS & PedNSS

Table 3B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Crawford	347	32.9	3.7	57.1	0.3	6.1	0.0	0.0
Dallas	288	59.4	4.2	30.6	0.0	2.4	3.5	0.0
Davis	16	81.3	6.3	6.3	0.0	0.0	6.3	0.0
Decatur	68	89.7	2.9	5.9	0.0	0.0	1.5	0.0
Delaware	61	90.2	3.3	6.6	0.0	0.0	0.0	0.0
Des Moines	527	75.0	18.6	4.7	0.0	0.4	1.3	0.0
Dickinson	60	81.7	1.7	13.3	0.0	1.7	1.7	0.0
Dubuque	1,170	73.1	13.5	7.0	0.4	4.0	2.0	0.0
Emmet	136	61.0	2.9	33.8	0.0	0.7	1.5	0.0
Fayette	150	92.0	2.0	5.3	0.0	0.0	0.7	0.0
Floyd	188	78.2	9.0	8.0	0.0	4.3	0.5	0.0
Franklin	131	53.4	0.8	45.8	0.0	0.0	0.0	0.0
Fremont	30	96.7	0.0	3.3	0.0	0.0	0.0	0.0
Greene	76	81.6	0.0	15.8	0.0	1.3	1.3	0.0
Grundy	26	96.2	0.0	3.8	0.0	0.0	0.0	0.0
Guthrie	72	87.5	1.4	9.7	0.0	0.0	1.4	0.0
Hamilton	188	62.8	1.6	29.8	0.0	5.9	0.0	0.0
Hancock	74	77.0	1.4	18.9	1.4	0.0	1.4	0.0
Hardin	83	78.3	1.2	14.5	0.0	0.0	6.0	0.0
Harrison	102	93.1	0.0	5.9	1.0	0.0	0.0	0.0
Henry	175	78.3	4.6	16.0	0.0	0.6	0.6	0.0
Howard	72	91.7	1.4	5.6	0.0	1.4	0.0	0.0
Humboldt	73	65.8	2.7	30.1	0.0	0.0	1.4	0.0
Ida	82	84.1	1.2	13.4	0.0	0.0	1.2	0.0

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WIC PNSS & PedNSS

Table 3B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Iowa	33	87.9	0.0	9.1	0.0	0.0	3.0	0.0
Jackson	92	82.6	4.3	2.2	0.0	6.5	4.3	0.0
Jasper	326	82.8	3.7	10.1	0.6	1.8	0.9	0.0
Jefferson	64	85.9	3.1	4.7	0.0	6.3	0.0	0.0
Johnson	1,219	37.2	41.3	16.7	0.2	2.4	2.2	0.0
Jones	91	93.4	1.1	5.5	0.0	0.0	0.0	0.0
Keokuk	33	97.0	0.0	3.0	0.0	0.0	0.0	0.0
Kossuth	112	79.5	4.5	15.2	0.0	0.0	0.9	0.0
Lee	364	89.6	3.6	5.2	0.0	0.3	1.4	0.0
Linn	2,554	57.9	27.4	7.6	0.1	1.9	5.0	0.0
Louisa	43	14.0	0.0	41.9	2.3	41.9	0.0	0.0
Lucas	54	96.3	0.0	3.7	0.0	0.0	0.0	0.0
Lyon	54	83.3	1.9	9.3	0.0	5.6	0.0	0.0
Madison	62	91.9	1.6	6.5	0.0	0.0	0.0	0.0
Mahaska	141	91.5	4.3	4.3	0.0	0.0	0.0	0.0
Marion	280	91.4	2.1	3.9	0.4	1.1	1.1	0.0
Marshall	896	39.7	2.5	47.0	0.3	9.2	1.2	0.0
Mills	69	87.0	0.0	13.0	0.0	0.0	0.0	0.0
Mitchell	79	89.9	1.3	6.3	0.0	1.3	1.3	0.0
Monona	81	95.1	0.0	1.2	2.5	0.0	1.2	0.0
Monroe	62	85.5	11.3	0.0	1.6	0.0	1.6	0.0
Montgomery	130	93.8	0.0	5.4	0.0	0.8	0.0	0.0
Muscatine	774	59.3	6.2	32.2	0.0	2.1	0.3	0.0
O Brien	128	62.5	3.1	31.3	0.8	2.3	0.0	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

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Osceola	44	61.4	4.5	34.1	0.0	0.0	0.0	0.0
Page	132	90.9	0.0	7.6	0.0	0.0	1.5	0.0
Palo Alto	67	89.6	3.0	6.0	0.0	0.0	1.5	0.0
Plymouth	137	66.4	3.6	24.1	1.5	2.9	1.5	0.0
Pocahontas	26	84.6	3.8	0.0	0.0	11.5	0.0	0.0
Polk	6,782	42.9	19.9	24.0	0.3	8.2	4.5	0.0
Pottawatta	1,479	78.2	3.2	15.8	0.7	0.5	1.6	0.0
Poweshiek	125	85.6	1.6	12.0	0.0	0.0	0.8	0.0
Ringgold	31	93.5	0.0	6.5	0.0	0.0	0.0	0.0
Sac	39	97.4	0.0	2.6	0.0	0.0	0.0	0.0
Scott	1,954	58.7	23.2	10.5	0.5	1.9	5.1	0.0
Shelby	96	86.5	1.0	12.5	0.0	0.0	0.0	0.0
Sioux	403	39.5	0.2	58.1	0.7	0.5	1.0	0.0
Story	697	69.3	8.3	11.0	0.3	9.6	1.4	0.0
Tama	181	45.3	0.6	38.1	13.3	0.6	2.2	0.0
Taylor	54	79.6	0.0	14.8	0.0	3.7	1.9	0.0
Union	246	86.2	2.8	10.6	0.0	0.0	0.4	0.0
Van Buren	15	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Wapello	1,221	72.3	7.4	15.0	0.1	3.9	1.2	0.1
Warren	262	90.8	1.9	5.0	0.0	1.1	1.1	0.0
Washington	106	68.9	0.9	27.4	0.0	0.0	2.8	0.0
Wayne	48	95.8	0.0	4.2	0.0	0.0	0.0	0.0
Webster	615	77.4	8.3	11.4	0.5	0.2	2.3	0.0
Winnebago	134	83.6	4.5	11.2	0.7	0.0	0.0	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

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Combined 3 Years

Comparison of Racial and Ethnic Distribution (2)

County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Winneshiek	77	83.1	1.3	13.0	0.0	0.0	2.6	0.0
Woodbury	1,940	43.1	10.8	36.5	3.5	3.5	2.5	0.0
Worth	24	79.2	4.2	12.5	0.0	4.2	0.0	0.0
Wright	204	36.8	0.5	62.7	0.0	0.0	0.0	0.0
Iowa	**34,950**	**60.9**	**13.4**	**18.6**	**0.5**	**3.9**	**2.6**	**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 4B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

Comparison of Age Distribution (2)

County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adair	69	0.0	0.0	5.8	56.5	37.7	0.0	0.0
Adams	32	0.0	0.0	9.4	62.5	28.1	0.0	0.0
Allamakee	196	0.0	2.0	3.1	57.7	36.7	0.5	0.0
Appanoose	73	0.0	1.4	6.8	64.4	26.0	1.4	0.0
Audubon	36	0.0	5.6	11.1	63.9	19.4	0.0	0.0
Benton	98	0.0	2.0	3.1	66.3	26.5	2.0	0.0
Blackhawk	2,390	0.2	1.8	5.1	62.8	28.8	1.4	0.0
Boone	78	0.0	1.3	3.8	62.8	28.2	3.8	0.0
Bremer	65	0.0	1.5	3.1	56.9	36.9	1.5	0.0
Buchanan	103	0.0	1.9	1.0	64.1	29.1	3.9	0.0
Buena Vist	400	0.0	2.0	5.3	57.5	31.5	3.8	0.0
Butler	60	0.0	0.0	1.7	56.7	41.7	0.0	0.0
Calhoun	53	0.0	0.0	3.8	69.8	22.6	3.8	0.0
Carroll	216	0.0	0.5	5.1	63.9	28.7	1.9	0.0
Cass	127	0.0	1.6	7.9	61.4	27.6	0.8	0.8
Cedar	25	0.0	4.0	16.0	64.0	12.0	4.0	0.0
Cerro Gord	686	0.0	1.5	7.6	65.6	23.6	1.7	0.0
Cherokee	116	0.0	1.7	12.1	68.1	17.2	0.9	0.0
Chickasaw	58	0.0	0.0	8.6	60.3	31.0	0.0	0.0
Clarke	129	0.0	0.8	4.7	63.6	28.7	2.3	0.0
Clay	197	0.0	1.5	6.6	71.6	19.8	0.5	0.0
Clayton	103	0.0	1.0	1.0	67.0	31.1	0.0	0.0
Clinton	565	0.0	2.8	6.9	64.4	24.1	1.6	0.2
Crawford	347	0.0	1.4	2.6	62.5	30.3	3.2	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

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

Comparison of Age Distribution (2)

County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Dallas	288	0.3	2.4	4.9	59.7	30.6	2.1	0.0
Davis	16	0.0	0.0	6.3	75.0	12.5	6.3	0.0
Decatur	68	0.0	0.0	10.3	73.5	14.7	1.5	0.0
Delaware	61	0.0	0.0	4.9	65.6	27.9	1.6	0.0
Des Moines	527	0.0	3.6	7.6	61.3	26.8	0.8	0.0
Dickinson	60	0.0	3.3	8.3	68.3	18.3	1.7	0.0
Dubuque	1,170	0.0	2.6	6.6	62.4	26.9	1.3	0.2
Emmet	136	0.0	1.5	6.6	70.6	20.6	0.7	0.0
Fayette	150	0.0	2.0	7.3	65.3	24.0	1.3	0.0
Floyd	188	0.0	0.5	4.3	68.6	26.6	0.0	0.0
Franklin	131	0.8	3.1	5.3	52.7	34.4	3.8	0.0
Fremont	30	0.0	0.0	13.3	53.3	33.3	0.0	0.0
Greene	76	0.0	0.0	9.2	75.0	14.5	1.3	0.0
Grundy	26	0.0	0.0	3.8	69.2	26.9	0.0	0.0
Guthrie	72	0.0	2.8	5.6	65.3	26.4	0.0	0.0
Hamilton	188	0.0	4.3	6.9	59.6	26.1	3.2	0.0
Hancock	74	0.0	0.0	9.5	63.5	24.3	2.7	0.0
Hardin	83	0.0	1.2	4.8	68.7	25.3	0.0	0.0
Harrison	102	0.0	1.0	4.9	60.8	33.3	0.0	0.0
Henry	175	0.0	2.9	6.3	65.7	22.9	2.3	0.0
Howard	72	0.0	4.2	5.6	56.9	31.9	1.4	0.0
Humboldt	73	0.0	0.0	5.5	53.4	41.1	0.0	0.0
Ida	82	0.0	1.2	7.3	57.3	31.7	2.4	0.0
Iowa	33	0.0	3.0	3.0	72.7	21.2	0.0	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

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

Comparison of Age Distribution (2)								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Jackson	92	0.0	1.1	6.5	70.7	21.7	0.0	0.0
Jasper	326	0.0	1.5	8.3	61.3	27.0	1.5	0.3
Jefferson	64	0.0	0.0	1.6	71.9	23.4	3.1	0.0
Johnson	1,219	0.0	0.7	3.7	52.3	40.1	3.3	0.0
Jones	91	0.0	2.2	3.3	61.5	31.9	1.1	0.0
Keokuk	33	0.0	0.0	6.1	69.7	24.2	0.0	0.0
Kossuth	112	0.0	0.9	7.1	56.3	35.7	0.0	0.0
Lee	364	0.0	3.6	8.2	66.5	21.2	0.5	0.0
Linn	2,554	0.0	1.6	6.3	61.0	29.0	2.0	0.0
Louisa	43	0.0	0.0	0.0	39.5	53.5	7.0	0.0
Lucas	54	0.0	0.0	9.3	66.7	22.2	1.9	0.0
Lyon	54	0.0	3.7	5.6	59.3	27.8	3.7	0.0
Madison	62	0.0	0.0	4.8	59.7	33.9	1.6	0.0
Mahaska	141	0.0	2.1	6.4	61.0	26.2	4.3	0.0
Marion	280	0.0	2.5	7.1	63.6	24.3	2.5	0.0
Marshall	896	0.1	3.1	6.6	59.5	28.5	2.2	0.0
Mills	69	0.0	1.4	7.2	68.1	23.2	0.0	0.0
Mitchell	79	0.0	0.0	3.8	60.8	35.4	0.0	0.0
Monona	81	0.0	2.5	3.7	58.0	35.8	0.0	0.0
Monroe	62	0.0	1.6	3.2	66.1	29.0	0.0	0.0
Montgomery	130	0.0	2.3	10.8	58.5	27.7	0.8	0.0
Muscatine	774	0.1	3.0	7.9	60.6	26.2	2.2	0.0
O Brien	128	0.0	3.9	5.5	57.8	31.3	1.6	0.0
Osceola	44	0.0	0.0	2.3	59.1	36.4	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 4B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

Comparison of Age Distribution (2)

County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Page	132	0.0	4.5	6.8	68.9	17.4	2.3	0.0
Palo Alto	67	0.0	0.0	3.0	65.7	29.9	1.5	0.0
Plymouth	137	0.0	1.5	8.8	61.3	24.8	3.6	0.0
Pocahontas	26	0.0	7.7	0.0	69.2	23.1	0.0	0.0
Polk	6,782	0.1	2.4	6.3	57.8	30.5	2.9	0.0
Pottawatta	1,479	0.0	2.6	7.2	64.8	23.8	1.6	0.0
Poweshiek	125	0.0	2.4	4.8	66.4	25.6	0.8	0.0
Ringgold	31	0.0	0.0	9.7	71.0	19.4	0.0	0.0
Sac	39	0.0	2.6	2.6	48.7	43.6	2.6	0.0
Scott	1,954	0.2	3.1	7.8	62.6	24.8	1.6	0.0
Shelby	96	0.0	3.1	3.1	69.8	20.8	3.1	0.0
Sioux	403	0.2	3.7	9.2	55.6	28.8	2.2	0.2
Story	697	0.0	1.6	5.5	57.7	33.3	2.0	0.0
Tama	181	0.0	1.7	5.0	64.1	28.2	1.1	0.0
Taylor	54	0.0	0.0	5.6	66.7	27.8	0.0	0.0
Union	246	0.4	3.3	10.6	61.0	23.2	1.2	0.4
Van Buren	15	0.0	13.3	0.0	33.3	53.3	0.0	0.0
Wapello	1,221	0.0	2.3	7.1	63.7	25.1	1.6	0.1
Warren	262	0.0	1.5	6.9	62.6	27.1	1.9	0.0
Washington	106	0.0	0.9	2.8	60.4	35.8	0.0	0.0
Wayne	48	0.0	2.1	2.1	66.7	29.2	0.0	0.0
Webster	615	0.2	3.1	6.7	63.3	26.0	0.8	0.0
Winnebago	134	0.0	0.7	3.7	68.7	26.1	0.7	0.0
Winneshiek	77	0.0	1.3	7.8	57.1	32.5	1.3	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 4B

2017 - 2019 Pregnancy Nutrition Surveillance (1)

Iowa

Comparison of Age Distribution by County

Combined 3 Years

Comparison of Age Distribution (2)

County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Woodbury	1,940	0.1	2.0	6.2	60.0	29.7	2.1	0.0
Worth	24	0.0	0.0	4.2	66.7	25.0	4.2	0.0
Wright	204	0.5	3.4	7.4	56.9	29.4	2.5	0.0
Iowa	**34,950**	**0.1**	**2.2**	**6.3**	**61.0**	**28.4**	**2.0**	**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

2017 - 2019 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	49	0.0 (1)	71.4 (90)	48	14.6 (8)	47.9 (53)	16	31.3 (75)	13	38.5 (96)	3	100.0 (13)	1	100.0 (14)
Adams	26	3.8 (60)	65.4 (67)	26	26.9 (76)	50.0 (69)	9	55.6 (98)	4	25.0 (73)	2	100.0 (13)	1	100.0 (14)
Allamakee	154	1.9 (21)	66.9 (75)	149	26.8 (74)	43.6 (35)	46	37.0 (89)	56	33.9 (90)	21	100.0 (13)	6	100.0 (14)
Appanoose	57	3.5 (52)	73.7 (93)	55	29.1 (84)	49.1 (66)	16	37.5 (90)	17	35.3 (93)	1	100.0 (13)	3	100.0 (14)
Audubon	33	0.0 (1)	57.6 (18)	32	21.9 (43)	53.1 (88)	12	33.3 (78)	17	17.6 (59)	2	100.0 (13)	0	0.0 (1)
Benton	83	3.6 (53)	66.3 (70)	80	31.3 (89)	41.3 (23)	13	0.0 (1)	20	5.0 (34)	10	100.0 (13)	7	100.0 (14)
Blackhawk	1,887	3.6 (53)	60.4 (35)	1,784	20.9 (31)	48.2 (55)	416	6.3 (41)	198	5.1 (36)	113	100.0 (13)	76	100.0 (14)
Boone	53	1.9 (21)	66.0 (69)	52	38.5 (98)	44.2 (37)	13	30.8 (72)	13	7.7 (39)	3	100.0 (13)	1	100.0 (14)
Bremer	52	5.8 (82)	67.3 (77)	52	26.9 (76)	38.5 (14)	9	11.1 (53)	11	9.1 (46)	1	100.0 (13)	0	0.0 (1)
Buchanan	83	0.0 (1)	67.5 (80)	79	21.5 (37)	40.5 (19)	19	0.0 (1)	12	0.0 (1)	3	100.0 (13)	4	100.0 (14)
Buena Vist	296	3.4 (48)	58.8 (21)	282	24.1 (58)	39.7 (16)	109	0.9 (28)	39	7.7 (39)	30	100.0 (13)	15	100.0 (14)
Butler	46	2.2 (31)	73.9 (94)	46	17.4 (15)	50.0 (69)	7	0.0 (1)	20	0.0 (1)	6	100.0 (13)	1	100.0 (14)
Calhoun	42	7.1 (95)	61.9 (46)	41	17.1 (12)	46.3 (44)	14	21.4 (60)	13	23.1 (70)	1	100.0 (13)	3	100.0 (14)
Carroll	176	2.3 (32)	65.3 (65)	170	16.5 (9)	53.5 (91)	60	31.7 (76)	32	18.8 (62)	19	100.0 (13)	16	100.0 (14)
Cass	105	6.7 (90)	61.9 (46)	102	25.5 (68)	56.9 (98)	29	6.9 (43)	34	2.9 (25)	0	0.0 (1)	3	100.0 (14)
Cedar	16	6.3 (88)	50.0 (4)	14	28.6 (82)	42.9 (28)	7	28.6 (68)	11	9.1 (46)	2	100.0 (13)	0	0.0 (1)
Cerro Gord	526	3.6 (53)	64.1 (61)	502	18.1 (17)	50.8 (76)	120	5.0 (40)	61	8.2 (43)	52	100.0 (13)	18	100.0 (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) 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

2017 - 2019 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	91	4.4 (75)	60.4 (35)	88	20.5 (28)	48.9 (63)	19	0.0 (1)	37	0.0 (1)	4	100.0 (13)	2	100.0 (14)
Chickasaw	49	4.1 (67)	63.3 (56)	48	22.9 (52)	41.7 (25)	9	0.0 (1)	12	0.0 (1)	3	100.0 (13)	1	100.0 (14)
Clarke	89	5.6 (81)	57.3 (16)	86	26.7 (72)	34.9 (8)	24	33.3 (78)	12	33.3 (86)	3	100.0 (13)	5	100.0 (14)
Clay	156	1.9 (21)	61.5 (44)	146	29.5 (85)	43.2 (33)	43	0.0 (1)	30	0.0 (1)	13	100.0 (13)	7	100.0 (14)
Clayton	77	1.3 (16)	64.9 (64)	73	20.5 (28)	54.8 (95)	27	33.3 (78)	25	24.0 (72)	3	100.0 (13)	3	100.0 (14)
Clinton	410	4.1 (67)	63.7 (59)	386	21.5 (37)	53.6 (92)	119	32.8 (77)	49	30.6 (83)	26	100.0 (13)	24	100.0 (14)
Crawford	295	2.0 (26)	61.4 (43)	291	32.0 (92)	34.4 (6)	116	1.7 (30)	62	3.2 (28)	1	100.0 (13)	13	100.0 (14)
Dallas	221	4.1 (67)	62.4 (51)	209	21.1 (32)	43.1 (31)	72	9.7 (50)	48	8.3 (44)	12	100.0 (13)	7	100.0 (14)
Davis	15	6.7 (90)	60.0 (30)	14	35.7 (96)	50.0 (69)	5	40.0 (94)	7	28.6 (81)	0	0.0 (1)	0	0.0 (1)
Decatur	43	7.0 (94)	51.2 (7)	39	35.9 (97)	30.8 (4)	13	30.8 (72)	4	25.0 (73)	2	100.0 (13)	1	100.0 (14)
Delaware	51	2.0 (26)	66.7 (72)	51	23.5 (56)	52.9 (87)	13	38.5 (92)	10	20.0 (63)	6	100.0 (13)	1	100.0 (14)
Des Moines	371	6.2 (87)	59.3 (24)	358	16.8 (11)	52.8 (85)	127	6.3 (41)	51	5.9 (38)	43	100.0 (13)	34	100.0 (14)
Dickinson	49	2.0 (26)	63.3 (56)	44	22.7 (51)	56.8 (97)	12	0.0 (1)	9	22.2 (66)	5	100.0 (13)	2	100.0 (14)
Dubuque	930	3.9 (64)	60.0 (30)	882	21.3 (36)	48.4 (57)	256	49.6 (97)	89	37.1 (95)	65	100.0 (13)	14	100.0 (14)
Emmet	101	3.0 (44)	67.3 (77)	95	21.1 (32)	51.6 (81)	33	3.0 (33)	27	3.7 (30)	16	100.0 (13)	4	100.0 (14)
Fayette	106	2.8 (37)	60.4 (35)	102	25.5 (68)	43.1 (31)	32	25.0 (63)	40	30.0 (82)	14	100.0 (13)	10	100.0 (14)
Floyd	132	2.3 (32)	62.9 (54)	129	20.2 (27)	41.1 (22)	28	7.1 (45)	33	3.0 (26)	18	100.0 (13)	5	100.0 (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) 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

2017 - 2019 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	106	1.9 (21)	78.3 (98)	102	21.6 (39)	47.1 (49)	17	0.0 (1)	21	4.8 (33)	11	100.0 (13)	3	100.0 (14)
Fremont	22	0.0 (1)	63.6 (58)	21	14.3 (6)	52.4 (82)	10	0.0 (1)	8	0.0 (1)	1	100.0 (13)	0	0.0 (1)
Greene	63	6.3 (88)	60.3 (34)	62	17.7 (16)	46.8 (47)	18	44.4 (95)	19	21.1 (65)	8	100.0 (13)	7	100.0 (14)
Grundy	16	0.0 (1)	75.0 (95)	14	28.6 (82)	28.6 (3)	6	0.0 (1)	3	0.0 (1)	0	0.0 (1)	1	100.0 (14)
Guthrie	51	2.0 (26)	78.4 (99)	45	26.7 (72)	53.3 (89)	13	30.8 (72)	18	22.2 (66)	7	100.0 (13)	4	100.0 (14)
Hamilton	148	3.4 (48)	58.1 (19)	141	19.9 (25)	46.1 (40)	38	10.5 (52)	22	9.1 (46)	16	100.0 (13)	8	100.0 (14)
Hancock	53	3.8 (60)	67.9 (81)	53	26.4 (71)	47.2 (50)	9	11.1 (53)	10	10.0 (52)	7	100.0 (13)	1	100.0 (14)
Hardin	67	4.5 (76)	56.7 (12)	65	27.7 (81)	35.4 (9)	16	18.8 (57)	20	40.0 (98)	4	100.0 (13)	1	100.0 (14)
Harrison	76	1.3 (16)	60.5 (38)	74	18.9 (22)	52.7 (84)	23	0.0 (1)	31	0.0 (1)	0	0.0 (1)	3	100.0 (14)
Henry	121	0.0 (1)	59.5 (26)	115	24.3 (60)	48.7 (61)	44	4.5 (38)	23	0.0 (1)	15	100.0 (13)	8	100.0 (14)
Howard	58	8.6 (99)	50.0 (4)	52	17.3 (13)	46.2 (42)	24	12.5 (55)	22	31.8 (85)	7	100.0 (13)	3	100.0 (14)
Humboldt	66	0.0 (1)	66.7 (72)	62	24.2 (59)	40.3 (17)	10	10.0 (51)	8	25.0 (73)	7	100.0 (13)	0	0.0 (1)
Ida	69	5.8 (82)	69.6 (85)	67	29.9 (87)	47.8 (52)	14	0.0 (1)	22	0.0 (1)	5	100.0 (13)	1	100.0 (14)
Iowa	20	0.0 (1)	70.0 (87)	19	10.5 (5)	47.4 (51)	5	20.0 (58)	9	33.3 (86)	0	0.0 (1)	1	100.0 (14)
Jackson	75	6.7 (90)	68.0 (82)	74	23.0 (54)	48.6 (59)	10	30.0 (69)	12	50.0 (99)	2	100.0 (13)	3	100.0 (14)
Jasper	244	4.1 (67)	59.8 (29)	230	24.3 (60)	46.1 (40)	78	24.4 (62)	53	34.0 (91)	26	100.0 (13)	6	100.0 (14)
Jefferson	53	0.0 (1)	73.6 (92)	50	22.0 (45)	48.0 (54)	21	38.1 (91)	17	17.6 (59)	0	0.0 (1)	2	100.0 (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) 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

2017 - 2019 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	869	3.7 (56)	56.8 (13)	816	24.6 (64)	39.3 (15)	293	36.5 (88)	339	26.5 (78)	55	100.0 (13)	34	100.0 (14)
Jones	73	1.4 (18)	61.6 (45)	72	19.4 (24)	51.4 (78)	17	35.3 (85)	13	23.1 (70)	5	100.0 (13)	5	100.0 (14)
Keokuk	27	0.0 (1)	63.0 (55)	24	25.0 (66)	45.8 (39)	10	30.0 (69)	6	33.3 (86)	0	0.0 (1)	0	0.0 (1)
Kossuth	85	5.9 (84)	65.9 (68)	82	26.8 (74)	48.8 (62)	15	0.0 (1)	28	17.9 (61)	6	100.0 (13)	3	100.0 (14)
Lee	273	4.0 (66)	64.5 (62)	259	25.5 (68)	42.9 (28)	96	2.1 (31)	50	8.0 (42)	33	100.0 (13)	19	100.0 (14)
Linn	1,874	3.2 (45)	61.1 (42)	1,797	21.8 (41)	49.1 (66)	529	36.3 (86)	350	35.4 (94)	207	100.0 (13)	74	100.0 (14)
Louisa	36	2.8 (37)	22.2 (1)	36	33.3 (94)	27.8 (2)	10	0.0 (1)	8	0.0 (1)	7	100.0 (13)	0	0.0 (1)
Lucas	33	6.1 (85)	45.5 (3)	32	40.6 (99)	34.4 (6)	11	27.3 (66)	7	0.0 (1)	3	100.0 (13)	1	100.0 (14)
Lyon	37	2.7 (35)	70.3 (88)	35	31.4 (90)	57.1 (99)	9	0.0 (1)	17	0.0 (1)	1	100.0 (13)	0	0.0 (1)
Madison	42	0.0 (1)	71.4 (90)	40	27.5 (80)	37.5 (13)	8	25.0 (63)	13	38.5 (96)	5	100.0 (13)	0	0.0 (1)
Mahaska	113	2.7 (35)	58.4 (20)	107	25.2 (67)	46.7 (46)	30	30.0 (69)	31	22.6 (69)	5	100.0 (13)	3	100.0 (14)
Marion	198	7.6 (97)	57.1 (15)	191	23.0 (54)	42.9 (28)	47	8.5 (48)	38	7.9 (41)	11	100.0 (13)	7	100.0 (14)
Marshall	750	3.7 (56)	59.7 (28)	731	24.4 (62)	40.9 (20)	143	14.0 (56)	99	15.2 (58)	61	100.0 (13)	4	100.0 (14)
Mills	54	3.7 (56)	57.4 (17)	50	22.0 (45)	54.0 (93)	21	0.0 (1)	18	0.0 (1)	0	0.0 (1)	1	100.0 (14)
Mitchell	53	1.9 (21)	69.8 (86)	52	17.3 (13)	40.4 (18)	12	8.3 (47)	10	0.0 (1)	10	100.0 (13)	1	100.0 (14)
Monona	64	1.6 (19)	67.2 (76)	63	14.3 (6)	50.8 (76)	24	0.0 (1)	18	0.0 (1)	0	0.0 (1)	0	0.0 (1)
Monroe	49	4.1 (67)	53.1 (8)	48	27.1 (78)	41.7 (25)	12	0.0 (1)	12	8.3 (44)	3	100.0 (13)	1	100.0 (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) 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

2017 - 2019 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	107	3.7 (56)	68.2 (83)	103	22.3 (49)	52.4 (82)	30	0.0 (1)	20	5.0 (34)	0	0.0 (1)	4	100.0 (14)
Muscatine	600	3.3 (47)	60.5 (38)	576	18.8 (21)	49.1 (66)	162	0.6 (27)	64	3.1 (27)	54	100.0 (13)	15	100.0 (14)
O Brien	93	3.2 (45)	60.2 (33)	89	23.6 (57)	52.8 (85)	24	0.0 (1)	20	0.0 (1)	5	100.0 (13)	3	100.0 (14)
Osceola	26	3.8 (60)	76.9 (96)	25	20.0 (26)	36.0 (11)	10	0.0 (1)	9	0.0 (1)	2	100.0 (13)	2	100.0 (14)
Page	102	3.9 (64)	60.8 (40)	96	22.9 (52)	46.9 (48)	23	47.8 (96)	27	33.3 (86)	5	100.0 (13)	2	100.0 (14)
Palo Alto	45	0.0 (1)	71.1 (89)	41	9.8 (3)	46.3 (44)	14	0.0 (1)	11	9.1 (46)	2	100.0 (13)	1	100.0 (14)
Plymouth	109	5.5 (80)	59.6 (27)	107	20.6 (30)	48.6 (59)	39	0.0 (1)	28	3.6 (29)	4	100.0 (13)	1	100.0 (14)
Pocahontas	20	0.0 (1)	60.0 (30)	19	21.1 (32)	42.1 (27)	5	0.0 (1)	1	0.0 (1)	2	100.0 (13)	1	100.0 (14)
Polk	5,364	4.1 (67)	56.6 (11)	5,141	24.6 (64)	41.4 (24)	1,519	2.6 (32)	483	5.4 (37)	383	100.0 (13)	176	100.0 (14)
Pottawatta	1,131	3.4 (48)	62.0 (48)	1,087	22.3 (49)	48.9 (63)	357	7.0 (44)	171	4.7 (31)	50	100.0 (13)	51	100.0 (14)
Poweshiek	98	6.1 (85)	66.3 (70)	93	18.3 (20)	50.5 (73)	23	39.1 (93)	34	26.5 (78)	5	100.0 (13)	5	100.0 (14)
Ringgold	28	7.1 (95)	50.0 (4)	27	29.6 (86)	55.6 (96)	6	33.3 (78)	3	0.0 (1)	2	100.0 (13)	0	0.0 (1)
Sac	34	2.9 (41)	64.7 (63)	33	18.2 (18)	48.5 (58)	11	36.4 (87)	13	30.8 (84)	6	100.0 (13)	2	100.0 (14)
Scott	1,418	4.1 (67)	59.2 (23)	1,337	21.9 (43)	46.2 (42)	403	34.0 (84)	234	22.2 (66)	15	100.0 (13)	75	100.0 (14)
Shelby	79	3.8 (60)	62.0 (48)	77	18.2 (18)	50.6 (74)	24	4.2 (36)	30	10.0 (52)	2	100.0 (13)	2	100.0 (14)
Sioux	295	1.7 (20)	59.0 (22)	285	30.2 (88)	35.4 (9)	94	1.1 (29)	120	2.5 (23)	15	100.0 (13)	4	100.0 (14)
Story	515	5.2 (78)	56.9 (14)	496	24.4 (62)	40.9 (20)	122	9.0 (49)	150	12.0 (57)	62	100.0 (13)	6	100.0 (14)

(1) Reporting period is January 1 through December 31.
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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 5B

2017 - 2019 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	150	2.0 (26)	67.3 (77)	139	27.3 (79)	43.2 (33)	38	21.1 (59)	23	34.8 (92)	22	100.0 (13)	4	100.0 (14)
Taylor	36	8.3 (98)	63.9 (60)	36	33.3 (94)	36.1 (12)	7	57.1 (99)	8	25.0 (73)	5	100.0 (13)	0	0.0 (1)
Union	172	5.2 (78)	59.3 (24)	163	19.0 (23)	51.5 (79)	41	26.8 (65)	29	20.7 (64)	16	100.0 (13)	7	100.0 (14)
Van Buren	12	0.0 (1)	41.7 (2)	12	0.0 (1)	25.0 (1)	6	33.3 (78)	6	0.0 (1)	0	0.0 (1)	2	100.0 (14)
Wapello	1,039	4.5 (76)	60.8 (40)	977	22.2 (48)	45.4 (38)	309	28.2 (67)	210	25.2 (77)	10	100.0 (13)	27	100.0 (14)
Warren	172	4.1 (67)	62.2 (50)	170	21.8 (41)	50.6 (74)	62	4.8 (39)	37	2.7 (24)	14	100.0 (13)	4	100.0 (14)
Washington	75	6.7 (90)	62.7 (53)	66	21.2 (35)	51.5 (79)	23	21.7 (61)	19	10.5 (56)	4	100.0 (13)	2	100.0 (14)
Wayne	35	2.9 (41)	77.1 (97)	34	32.4 (93)	50.0 (69)	10	0.0 (1)	11	9.1 (46)	0	0.0 (1)	1	100.0 (14)
Webster	501	2.8 (37)	65.3 (65)	482	22.0 (45)	48.3 (56)	148	3.4 (34)	44	9.1 (46)	24	100.0 (13)	12	100.0 (14)
Winnebago	107	2.8 (37)	68.2 (83)	102	16.7 (10)	49.0 (65)	28	7.1 (45)	20	10.0 (52)	10	100.0 (13)	10	100.0 (14)
Winneshiek	59	3.4 (48)	55.9 (9)	59	10.2 (4)	54.2 (94)	18	33.3 (78)	15	26.7 (80)	6	100.0 (13)	2	100.0 (14)
Woodbury	1,552	2.6 (34)	62.6 (52)	1,503	21.6 (39)	43.7 (36)	527	4.0 (35)	594	4.7 (31)	130	100.0 (13)	52	100.0 (14)
Worth	15	0.0 (1)	66.7 (72)	15	0.0 (1)	53.3 (89)	2	0.0 (1)	5	0.0 (1)	3	100.0 (13)	2	100.0 (14)
Wright	174	2.9 (41)	56.3 (10)	165	31.5 (91)	32.1 (5)	48	4.2 (36)	20	10.0 (52)	13	100.0 (13)	5	100.0 (14)
Iowa	**26,971**	**3.7**	**60.4**	**25,791**	**22.9**	**45.2**	**7,639**	**14.7**	**4,950**	**14.6**	**1,902**	**100.0**	**973**	**100.0**

(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) 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 6B

2017 - 2019 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)
Adair	46	26.1 (80)	8.7 (43)	56	0.0 (60)	27	29.6 (28)	25	96.0 (16)
Adams	21	38.1 (19)	4.8 (11)	27	0.0 (60)	11	18.2 (76)	11	100.0 (1)
Allamakee	147	25.2 (84)	16.3 (80)	165	0.6 (57)	144	25.0 (41)	147	87.1 (69)
Appanoose	44	31.8 (47)	13.6 (70)	61	3.3 (9)	6	33.3 (23)	7	85.7 (74)
Audubon	27	37.0 (23)	7.4 (35)	35	0.0 (60)	9	22.2 (50)	10	80.0 (87)
Benton	66	33.3 (36)	16.7 (81)	88	1.1 (42)	30	16.7 (82)	37	94.6 (23)
Blackhawk	1,405	34.7 (34)	20.4 (91)	2,035	2.3 (24)	924	20.0 (69)	1,085	87.9 (63)
Boone	47	31.9 (46)	17.0 (82)	56	1.8 (32)	32	28.1 (32)	33	84.8 (80)
Bremer	41	61.0 (1)	7.3 (33)	55	0.0 (60)	27	55.6 (6)	30	93.3 (33)
Buchanan	62	38.7 (18)	16.1 (77)	89	0.0 (60)	37	37.8 (19)	45	95.6 (20)
Buena Vist	279	18.3 (97)	7.5 (37)	330	0.0 (60)	226	48.2 (12)	280	94.3 (25)
Butler	47	42.6 (10)	6.4 (24)	51	0.0 (60)	41	24.4 (44)	46	82.6 (82)
Calhoun	42	42.9 (7)	9.5 (49)	50	0.0 (60)	16	18.8 (74)	17	82.4 (83)
Carroll	154	25.3 (83)	7.1 (29)	212	0.5 (58)	68	20.6 (66)	73	84.9 (79)
Cass	83	37.3 (20)	3.6 (5)	124	0.8 (51)	10	60.0 (3)	20	95.0 (21)
Cedar	12	25.0 (86)	8.3 (41)	21	0.0 (60)	1	0.0 (98)	2	100.0 (1)
Cerro Gord	493	36.9 (25)	20.1 (90)	566	1.6 (35)	459	21.1 (60)	500	85.2 (76)
Cherokee	75	42.7 (9)	2.7 (3)	104	1.9 (29)	29	37.9 (18)	31	87.1 (69)
Chickasaw	35	31.4 (50)	17.1 (83)	51	2.0 (28)	29	51.7 (9)	31	93.5 (30)
Clarke	73	28.8 (70)	12.3 (64)	102	0.0 (60)	39	17.9 (78)	40	90.0 (56)
Clay	149	30.9 (56)	10.1 (56)	165	1.2 (40)	137	46.0 (13)	157	92.4 (39)

(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 6B

2017 - 2019 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	77	26.0 (81)	9.1 (46)	88	0.0 (60)	80	33.8 (22)	81	97.5 (14)
Clinton	401	37.2 (21)	9.5 (49)	431	0.9 (47)	240	30.0 (27)	380	86.3 (73)
Crawford	242	28.9 (69)	6.2 (23)	337	0.0 (60)	78	30.8 (25)	98	92.9 (36)
Dallas	193	29.0 (68)	10.4 (57)	250	2.4 (22)	120	24.2 (45)	122	90.2 (54)
Davis	10	40.0 (14)	10.0 (54)	15	6.7 (1)	2	50.0 (10)	2	100.0 (1)
Decatur	41	29.3 (64)	14.6 (74)	48	0.0 (60)	22	13.6 (93)	21	90.5 (51)
Delaware	49	22.4 (93)	8.2 (40)	52	0.0 (60)	43	11.6 (96)	46	95.7 (19)
Des Moines	377	31.3 (51)	5.3 (15)	425	0.5 (58)	337	21.4 (57)	370	94.1 (26)
Dickinson	44	20.5 (96)	11.4 (63)	56	5.4 (3)	39	53.8 (7)	48	95.8 (18)
Dubuque	872	36.0 (29)	13.8 (71)	952	2.7 (16)	803	14.1 (91)	807	91.1 (46)
Emmet	94	28.7 (71)	7.4 (35)	112	0.0 (60)	86	50.0 (10)	99	93.9 (28)
Fayette	100	33.0 (38)	9.0 (45)	118	0.8 (51)	108	25.0 (41)	107	93.5 (30)
Floyd	136	45.6 (4)	16.2 (78)	154	0.0 (60)	124	27.4 (34)	136	89.0 (60)
Franklin	88	29.5 (62)	30.7 (99)	110	0.9 (47)	88	22.7 (49)	97	80.4 (86)
Fremont	19	26.3 (78)	5.3 (15)	28	3.6 (6)	2	100.0 (1)	3	100.0 (1)
Greene	57	28.1 (73)	8.8 (44)	73	0.0 (60)	21	19.0 (73)	22	90.9 (49)
Grundy	13	30.8 (57)	23.1 (94)	22	4.5 (5)	7	42.9 (16)	7	100.0 (1)
Guthrie	45	48.9 (2)	4.4 (9)	69	1.4 (38)	22	9.1 (97)	23	73.9 (95)
Hamilton	146	34.9 (33)	23.3 (95)	165	2.4 (22)	136	17.6 (80)	142	79.6 (89)
Hancock	54	37.0 (23)	22.2 (93)	60	0.0 (60)	54	20.4 (68)	54	83.3 (81)
Hardin	61	39.3 (15)	6.6 (26)	71	0.0 (60)	49	26.5 (36)	50	94.0 (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.
* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 6B

2017 - 2019 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	65	29.2 (66)	10.8 (60)	95	1.1 (42)	13	30.8 (25)	15	66.7 (99)
Henry	119	27.7 (75)	7.6 (38)	141	2.8 (13)	111	20.7 (65)	121	87.6 (65)
Howard	53	41.5 (13)	9.4 (47)	64	0.0 (60)	57	21.1 (60)	58	87.9 (63)
Humboldt	63	33.3 (36)	19.0 (88)	67	3.0 (12)	64	28.1 (32)	64	89.1 (59)
Ida	61	36.1 (26)	13.1 (69)	72	2.8 (13)	23	21.7 (54)	23	91.3 (45)
Iowa	14	42.9 (7)	0.0 (1)	31	3.2 (11)	6	16.7 (82)	7	71.4 (98)
Jackson	72	36.1 (26)	5.6 (19)	77	0.0 (60)	43	25.6 (39)	66	86.4 (72)
Jasper	211	27.0 (76)	8.1 (39)	270	1.5 (36)	170	16.5 (86)	181	90.1 (55)
Jefferson	36	27.8 (74)	11.1 (61)	56	0.0 (60)	9	22.2 (50)	11	81.8 (84)
Johnson	710	17.2 (98)	19.6 (89)	1,069	1.7 (34)	260	20.8 (64)	282	88.7 (61)
Jones	67	31.3 (51)	6.0 (21)	82	1.2 (40)	49	28.6 (30)	67	92.5 (38)
Keokuk	19	26.3 (78)	5.3 (15)	30	3.3 (9)	6	16.7 (82)	6	100.0 (1)
Kossuth	91	44.0 (5)	9.9 (53)	99	1.0 (45)	90	21.1 (60)	92	97.8 (13)
Lee	266	25.2 (84)	5.3 (15)	304	0.7 (55)	244	19.7 (71)	268	94.8 (22)
Linn	1,718	25.9 (82)	10.4 (57)	2,171	0.9 (47)	1,225	15.7 (89)	1,573	90.3 (52)
Louisa	36	25.0 (86)	13.9 (72)	38	0.0 (60)	32	21.9 (53)	34	88.2 (62)
Lucas	31	32.3 (42)	9.7 (51)	34	0.0 (60)	26	34.6 (21)	26	73.1 (97)
Lyon	30	26.7 (77)	6.7 (27)	49	0.0 (60)	12	33.3 (23)	13	100.0 (1)
Madison	37	35.1 (32)	16.2 (78)	46	2.2 (26)	14	28.6 (30)	12	75.0 (93)
Mahaska	94	33.0 (38)	6.4 (24)	122	2.5 (21)	55	18.2 (76)	61	91.8 (43)
Marion	165	28.5 (72)	18.2 (86)	223	1.3 (39)	150	24.0 (47)	159	89.3 (58)

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(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

2017 - 2019 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	599	38.9 (17)	7.2 (32)	795	0.9 (47)	522	12.5 (95)	568	85.2 (76)
Mills	41	29.3 (64)	4.9 (13)	65	4.6 (4)	6	16.7 (82)	12	75.0 (93)
Mitchell	55	34.5 (35)	12.7 (67)	61	0.0 (60)	51	21.6 (56)	56	91.1 (46)
Monona	52	25.0 (86)	5.8 (20)	74	0.0 (60)	5	20.0 (69)	9	100.0 (1)
Monroe	44	31.8 (47)	18.2 (86)	54	0.0 (60)	31	35.5 (20)	32	93.8 (29)
Montgomery	84	32.1 (43)	4.8 (11)	122	0.0 (60)	19	26.3 (38)	30	73.3 (96)
Muscatine	594	35.4 (31)	7.1 (29)	625	1.8 (32)	595	16.3 (87)	614	92.3 (40)
O Brien	92	32.6 (40)	4.3 (7)	108	1.9 (29)	77	55.8 (5)	93	94.6 (23)
Osceola	26	23.1 (92)	3.8 (6)	34	0.0 (60)	21	52.4 (8)	28	92.9 (36)
Page	91	44.0 (5)	4.4 (9)	113	3.5 (8)	46	39.1 (17)	43	93.0 (35)
Palo Alto	48	29.2 (66)	14.6 (74)	50	0.0 (60)	42	59.5 (4)	50	96.0 (16)
Plymouth	86	24.4 (91)	7.0 (28)	119	0.0 (60)	33	24.2 (45)	33	97.0 (15)
Pocahontas	19	31.6 (49)	10.5 (59)	23	0.0 (60)	18	44.4 (15)	20	85.0 (78)
Polk	4,320	29.4 (63)	12.4 (65)	5,976	1.0 (45)	1,808	13.7 (92)	2,464	87.3 (67)
Pottawatta	953	36.1 (26)	7.3 (33)	1,347	0.7 (55)	469	19.4 (72)	478	87.0 (71)
Poweshiek	89	32.6 (40)	18.0 (85)	107	2.8 (13)	64	18.8 (74)	70	85.7 (74)
Ringgold	23	39.1 (16)	4.3 (7)	28	3.6 (6)	11	27.3 (35)	11	100.0 (1)
Sac	30	30.0 (60)	10.0 (54)	37	2.7 (16)	9	22.2 (50)	10	80.0 (87)
Scott	1,188	32.1 (43)	12.5 (66)	1,609	2.3 (24)	109	17.4 (81)	112	92.0 (42)
Shelby	59	35.6 (30)	5.1 (14)	90	0.0 (60)	6	83.3 (2)	12	100.0 (1)
Sioux	255	24.7 (89)	9.8 (52)	366	1.9 (29)	59	15.3 (90)	64	92.2 (41)

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(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

2017 - 2019 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	445	31.0 (54)	14.2 (73)	540	1.5 (36)	368	21.7 (54)	368	87.5 (66)
Tama	115	31.3 (51)	11.3 (62)	157	5.7 (2)	99	21.2 (58)	109	89.9 (57)
Taylor	33	30.3 (59)	6.1 (22)	41	0.0 (60)	11	45.5 (14)	11	81.8 (84)
Union	141	46.1 (3)	7.1 (29)	186	2.7 (16)	72	26.4 (37)	73	93.2 (34)
Van Buren	12	41.7 (11)	0.0 (1)	14	0.0 (60)	1	0.0 (98)	1	100.0 (1)
Wapello	804	31.0 (54)	26.7 (98)	1,081	2.6 (20)	161	21.1 (60)	162	75.9 (92)
Warren	158	24.7 (89)	17.1 (83)	200	0.0 (60)	141	20.6 (66)	146	91.1 (46)
Washington	62	21.0 (94)	12.9 (68)	88	1.1 (42)	25	24.0 (47)	31	90.3 (52)
Wayne	35	37.1 (22)	2.9 (4)	40	0.0 (60)	31	29.0 (29)	31	93.5 (30)
Webster	464	30.6 (58)	21.8 (92)	535	2.2 (26)	410	16.1 (88)	464	79.5 (90)
Winnebago	106	32.1 (43)	9.4 (47)	118	0.8 (51)	107	17.8 (79)	109	87.2 (68)
Winneshiek	53	20.8 (95)	15.1 (76)	63	0.0 (60)	52	21.2 (58)	53	90.6 (50)
Woodbury	1,319	29.8 (61)	8.5 (42)	1,762	0.8 (51)	339	25.1 (40)	434	91.5 (44)
Worth	12	41.7 (11)	25.0 (97)	15	0.0 (60)	12	25.0 (41)	14	100.0 (1)
Wright	161	16.1 (99)	24.2 (96)	184	2.7 (16)	150	12.7 (94)	160	78.8 (91)
Iowa	**23,093**	**30.9**	**12.6**	**30,046**	**1.4**	**13,402**	**20.6**	**15,456**	**88.7**

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

WIC PNSS & PedNSS

Table 7B

2017 - 2019 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	49	30.6 (39)	43	18.6 (44)	14	21.4 (69)	48	2.1 (9)	42	0.0 (1)
Adams	23	52.2 (97)	23	43.5 (99)	13	7.7 (89)	23	17.4 (95)	22	4.5 (79)
Allamakee	151	15.9 (11)	155	11.0 (16)	22	27.3 (40)	153	8.5 (58)	148	7.4 (88)
Appanoose	48	39.6 (73)	28	28.6 (87)	17	0.0 (94)	46	15.2 (89)	24	0.0 (1)
Audubon	28	46.4 (89)	32	28.1 (86)	14	35.7 (23)	28	14.3 (83)	32	9.4 (92)
Benton	69	29.0 (31)	48	8.3 (10)	15	20.0 (75)	71	12.7 (78)	46	0.0 (1)
Blackhawk	1,553	34.1 (48)	1,181	19.5 (51)	469	25.2 (51)	1,580	8.7 (60)	1,239	2.0 (51)
Boone	54	50.0 (96)	66	34.8 (96)	27	22.2 (64)	55	9.1 (62)	62	0.0 (1)
Bremer	45	26.7 (25)	32	12.5 (21)	9	22.2 (64)	45	6.7 (37)	34	0.0 (1)
Buchanan	66	40.9 (78)	48	33.3 (95)	26	7.7 (89)	65	9.2 (65)	44	0.0 (1)
Buena Vist	291	10.3 (2)	378	3.7 (3)	29	65.5 (1)	292	3.8 (14)	361	4.4 (78)
Butler	48	29.2 (32)	58	19.0 (46)	14	21.4 (69)	47	2.1 (9)	52	1.9 (49)
Calhoun	43	46.5 (90)	53	26.4 (83)	21	23.8 (58)	43	16.3 (93)	52	1.9 (49)
Carroll	160	41.9 (82)	201	21.4 (60)	70	38.6 (12)	159	7.5 (45)	200	1.5 (43)
Cass	87	47.1 (91)	55	32.7 (94)	40	22.5 (62)	87	8.0 (50)	54	0.0 (1)
Cedar	13	61.5 (99)	15	40.0 (98)	8	12.5 (84)	13	7.7 (47)	15	6.7 (87)
Cerro Gord	526	35.9 (58)	639	22.5 (68)	190	23.7 (60)	521	7.9 (49)	613	1.5 (43)
Cherokee	81	39.5 (72)	68	23.5 (72)	27	14.8 (81)	81	8.6 (59)	66	4.5 (79)
Chickasaw	42	33.3 (46)	37	24.3 (76)	11	18.2 (78)	41	17.1 (94)	34	2.9 (66)

(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

2017 - 2019 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	84	29.8 (34)	78	20.5 (55)	25	24.0 (57)	83	8.4 (56)	73	2.7 (62)
Clay	160	40.0 (75)	188	17.0 (38)	61	36.1 (22)	159	11.9 (74)	183	9.8 (93)
Clayton	82	39.0 (68)	82	18.3 (42)	31	41.9 (9)	81	21.0 (97)	80	16.3 (98)
Clinton	428	40.2 (77)	487	23.0 (70)	159	25.8 (49)	428	5.1 (23)	476	2.1 (54)
Crawford	259	10.8 (4)	207	6.8 (6)	25	16.0 (80)	259	1.2 (6)	206	0.0 (1)
Dallas	185	17.8 (12)	193	7.8 (9)	26	38.5 (13)	188	1.6 (8)	192	0.0 (1)
Davis	11	36.4 (59)	10	20.0 (53)	4	50.0 (4)	11	9.1 (62)	8	12.5 (94)
Decatur	43	30.2 (37)	35	11.4 (18)	12	8.3 (87)	42	7.1 (40)	33	9.1 (91)
Delaware	48	31.3 (42)	52	19.2 (48)	16	6.3 (91)	48	0.0 (1)	51	0.0 (1)
Des Moines	388	44.1 (87)	493	22.1 (66)	171	36.8 (20)	386	13.7 (81)	483	3.7 (74)
Dickinson	49	26.5 (23)	51	15.7 (32)	9	22.2 (64)	49	14.3 (83)	50	20.0 (99)
Dubuque	916	14.0 (6)	1,011	8.3 (10)	126	26.2 (46)	911	0.1 (4)	994	0.0 (1)
Emmet	102	21.6 (16)	130	13.8 (26)	20	25.0 (53)	102	14.7 (87)	127	8.7 (90)
Fayette	108	38.0 (64)	124	19.4 (50)	39	28.2 (37)	114	23.7 (98)	125	15.2 (97)
Floyd	144	30.6 (39)	182	21.4 (60)	48	25.0 (53)	142	4.9 (22)	174	0.6 (31)
Franklin	102	20.6 (15)	124	12.9 (23)	21	23.8 (58)	102	1.0 (5)	118	0.8 (33)
Fremont	20	15.0 (9)	15	26.7 (84)	3	0.0 (94)	20	10.0 (67)	15	0.0 (1)
Greene	60	43.3 (85)	73	20.5 (55)	27	40.7 (10)	60	8.3 (53)	73	2.7 (62)
Grundy	14	14.3 (8)	14	0.0 (1)	2	0.0 (94)	14	7.1 (40)	16	0.0 (1)

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(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

2017 - 2019 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	49	36.7 (61)	61	19.7 (52)	14	21.4 (69)	49	10.2 (68)	62	4.8 (82)
Hamilton	156	34.0 (47)	175	16.0 (33)	55	45.5 (7)	156	8.3 (53)	171	0.6 (31)
Hancock	57	26.3 (22)	71	15.5 (31)	15	26.7 (44)	55	9.1 (62)	65	0.0 (1)
Hardin	67	35.8 (57)	67	23.9 (74)	23	26.1 (47)	68	16.2 (92)	63	1.6 (46)
Harrison	66	28.8 (30)	52	25.0 (77)	17	11.8 (86)	66	4.5 (19)	51	0.0 (1)
Henry	123	34.1 (48)	162	17.3 (39)	42	38.1 (15)	123	7.3 (43)	157	0.0 (1)
Howard	60	35.0 (51)	55	20.0 (53)	18	33.3 (27)	62	12.9 (79)	54	5.6 (85)
Humboldt	66	39.4 (71)	67	20.9 (57)	26	50.0 (4)	66	6.1 (32)	61	3.3 (68)
Ida	63	31.7 (44)	51	29.4 (91)	19	5.3 (93)	61	8.2 (51)	51	3.9 (75)
Iowa	14	35.7 (56)	19	36.8 (97)	7	28.6 (36)	14	7.1 (40)	19	0.0 (1)
Jackson	75	42.7 (84)	78	23.1 (71)	30	26.7 (44)	73	5.5 (27)	77	2.6 (60)
Jasper	241	32.4 (45)	275	22.2 (67)	76	22.4 (63)	242	8.3 (53)	268	2.6 (60)
Jefferson	42	38.1 (65)	26	19.2 (48)	16	12.5 (84)	42	9.5 (66)	24	0.0 (1)
Johnson	738	13.6 (5)	598	6.4 (5)	72	30.6 (32)	734	3.8 (14)	583	0.5 (30)
Jones	65	40.0 (75)	74	21.6 (62)	28	21.4 (69)	69	4.3 (17)	84	3.6 (72)
Keokuk	22	40.9 (78)	17	29.4 (91)	9	22.2 (64)	23	4.3 (17)	17	0.0 (1)
Kossuth	95	30.5 (38)	105	21.0 (58)	29	27.6 (39)	93	6.5 (35)	96	1.0 (35)
Lee	276	44.2 (88)	341	25.5 (79)	119	27.7 (38)	273	15.4 (90)	336	2.4 (58)
Linn	1,787	29.6 (33)	2,103	16.6 (36)	604	34.8 (26)	1,892	7.0 (39)	2,279	1.3 (39)

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WIC PNSS & PedNSS

Table 7B

2017 - 2019 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	38	5.3 (1)	39	5.1 (4)	2	0.0 (94)	38	5.3 (25)	38	0.0 (1)
Lucas	34	26.5 (23)	35	25.7 (80)	9	33.3 (27)	34	2.9 (12)	38	0.0 (1)
Lyon	33	36.4 (59)	36	13.9 (27)	11	27.3 (40)	33	3.0 (13)	36	0.0 (1)
Madison	41	39.0 (68)	32	18.8 (45)	11	27.3 (40)	41	12.2 (76)	30	3.3 (68)
Mahaska	104	41.3 (80)	87	21.8 (65)	37	24.3 (56)	104	11.5 (73)	85	3.5 (71)
Marion	173	37.6 (63)	187	26.2 (81)	59	18.6 (77)	182	8.2 (51)	185	2.7 (62)
Marshall	685	15.0 (9)	737	10.7 (14)	102	24.5 (55)	686	5.1 (23)	750	1.2 (38)
Mills	46	34.8 (50)	29	10.3 (13)	11	27.3 (40)	45	2.2 (11)	29	0.0 (1)
Mitchell	57	24.6 (19)	78	15.4 (30)	14	50.0 (4)	55	7.3 (43)	66	1.5 (43)
Monona	53	43.4 (86)	41	29.3 (90)	19	21.1 (73)	53	5.7 (29)	40	0.0 (1)
Monroe	40	42.5 (83)	49	28.6 (87)	17	5.9 (92)	44	13.6 (80)	49	2.0 (51)
Montgomery	89	52.8 (98)	66	24.2 (75)	39	25.6 (50)	89	6.7 (37)	67	0.0 (1)
Muscatine	625	27.5 (27)	740	16.4 (35)	163	35.0 (25)	625	12.2 (76)	728	3.3 (68)
O Brien	96	28.1 (28)	115	12.2 (19)	28	53.6 (3)	98	14.3 (83)	110	5.5 (84)
Osceola	28	17.9 (13)	42	7.1 (8)	5	60.0 (2)	28	10.7 (69)	43	4.7 (81)
Page	97	47.4 (92)	96	27.1 (85)	43	16.3 (79)	97	11.3 (72)	90	2.2 (55)
Palo Alto	51	35.3 (55)	62	22.6 (69)	16	43.8 (8)	51	13.7 (81)	62	14.5 (95)
Plymouth	90	23.3 (18)	84	10.7 (14)	19	36.8 (20)	89	0.0 (1)	79	1.3 (39)
Pocahontas	21	38.1 (65)	25	16.0 (33)	8	37.5 (17)	21	4.8 (21)	25	8.0 (89)

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WIC PNSS & PedNSS

Table 7B

2017 - 2019 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	3,219	23.2 (17)	3,175	15.2 (29)	775	22.2 (64)	3,622	5.9 (30)	3,751	2.0 (51)
Pottawatta	1,028	37.2 (62)	907	23.7 (73)	360	23.1 (61)	1,023	6.1 (32)	921	1.1 (37)
Poweshiek	86	31.4 (43)	103	18.4 (43)	29	31.0 (31)	87	16.1 (91)	100	5.0 (83)
Ringgold	23	47.8 (93)	19	26.3 (82)	10	20.0 (75)	23	17.4 (95)	18	0.0 (1)
Sac	31	48.4 (94)	38	28.9 (89)	16	37.5 (17)	31	6.5 (35)	37	2.7 (62)
Scott	1,253	30.6 (39)	932	17.4 (40)	315	20.3 (74)	1,253	11.2 (71)	920	3.6 (72)
Shelby	64	39.1 (70)	52	21.2 (59)	23	26.1 (47)	64	6.3 (34)	51	0.0 (1)
Sioux	271	10.7 (3)	213	7.0 (7)	27	29.6 (34)	271	1.5 (7)	207	1.0 (35)
Story	504	25.0 (20)	563	13.5 (24)	122	36.9 (19)	510	8.8 (61)	545	1.3 (39)
Tama	131	19.8 (14)	144	11.1 (17)	28	32.1 (29)	133	5.3 (25)	149	4.0 (76)
Taylor	33	48.5 (95)	37	13.5 (24)	13	38.5 (13)	34	5.9 (30)	34	2.9 (66)
Union	157	35.0 (51)	160	25.0 (77)	51	13.7 (83)	158	14.6 (86)	148	1.4 (42)
Van Buren	12	41.7 (81)	5	0.0 (1)	5	0.0 (94)	12	33.3 (99)	5	0.0 (1)
Wapello	869	26.9 (26)	563	16.9 (37)	201	13.9 (82)	861	10.7 (69)	531	2.4 (58)
Warren	163	35.0 (51)	194	19.1 (47)	56	30.4 (33)	165	12.1 (75)	198	4.0 (76)
Washington	67	29.9 (35)	45	17.8 (41)	12	8.3 (87)	67	7.5 (45)	45	2.2 (55)
Wayne	28	28.6 (29)	29	31.0 (93)	8	0.0 (94)	29	0.0 (1)	31	6.5 (86)
Webster	505	39.6 (73)	571	21.7 (63)	197	38.1 (15)	499	8.4 (56)	560	2.3 (57)
Winnebago	110	30.0 (36)	126	12.7 (22)	31	35.5 (24)	106	3.8 (14)	119	0.8 (33)

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WIC PNSS & PedNSS

Table 7B

2017 - 2019 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	54	35.2 (54)	69	21.7 (63)	22	31.8 (30)	53	15.1 (88)	68	14.7 (96)
Woodbury	1,387	25.6 (21)	1,078	13.9 (27)	303	25.1 (52)	1,397	5.5 (27)	1,157	1.7 (47)
Worth	13	38.5 (67)	22	9.1 (12)	5	40.0 (11)	13	7.7 (47)	21	0.0 (1)
Wright	171	14.0 (6)	188	12.2 (19)	27	29.6 (34)	174	4.6 (20)	181	1.7 (47)
Iowa	**23,222**	**28.5**	**22,919**	**16.8**	**6,329**	**27.0**	**23,756**	**7.4**	**23,482**	**2.2**

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WIC PNSS & PedNSS

Table 8B

2017 - 2019 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	64	10.9 (93)	10.9 (74)	55	9.1 (36)	50	4.0 (76)	64	65.6 (70)
Adams	32	0.0 (1)	9.4 (63)	28	17.9 (98)	23	0.0 (1)	32	68.8 (58)
Allamakee	190	5.3 (26)	6.3 (19)	165	7.9 (23)	152	3.3 (64)	190	75.3 (29)
Appanoose	68	8.8 (74)	7.4 (32)	58	15.5 (94)	49	4.1 (77)	68	54.4 (96)
Audubon	35	11.4 (94)	2.9 (3)	34	8.8 (30)	31	3.2 (61)	35	77.1 (22)
Benton	89	3.4 (7)	14.6 (95)	84	8.3 (29)	77	1.3 (25)	89	69.7 (52)
Blackhawk	2,199	8.1 (62)	7.9 (36)	1,942	9.9 (51)	1,732	3.5 (71)	2,219	70.1 (51)
Boone	72	8.3 (67)	12.5 (89)	55	3.6 (5)	53	9.4 (98)	72	58.3 (88)
Bremer	63	4.8 (19)	11.1 (77)	55	10.9 (64)	49	6.1 (92)	63	76.2 (25)
Buchanan	97	6.2 (34)	11.3 (78)	85	5.9 (9)	80	1.3 (25)	97	61.9 (82)
Buena Vist	377	7.2 (50)	9.0 (56)	326	10.4 (61)	291	3.4 (66)	379	65.7 (68)
Butler	60	11.7 (96)	8.3 (45)	51	9.8 (48)	46	4.3 (78)	60	80.0 (12)
Calhoun	53	15.1 (99)	11.3 (78)	50	14.0 (85)	43	9.3 (97)	53	58.5 (87)
Carroll	207	6.8 (46)	7.7 (34)	206	10.2 (56)	185	2.2 (38)	207	70.5 (48)
Cass	122	7.4 (53)	10.7 (73)	119	10.9 (64)	106	2.8 (52)	122	63.9 (77)
Cedar	22	0.0 (1)	0.0 (1)	20	5.0 (8)	19	0.0 (1)	22	54.5 (95)
Cerro Gord	631	6.5 (40)	9.2 (61)	538	10.0 (52)	483	3.3 (64)	634	67.8 (64)
Cherokee	112	9.8 (84)	6.3 (19)	105	6.7 (14)	98	8.2 (96)	112	77.7 (20)
Chickasaw	55	5.5 (29)	10.9 (74)	51	7.8 (20)	47	4.3 (78)	55	74.5 (32)

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(5) >4000 g.
(6) <37 weeks gestation.
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WIC PNSS & PedNSS

Table 8B

2017 - 2019 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	123	8.1 (62)	6.5 (23)	98	13.3 (79)	85	4.7 (82)	123	73.2 (36)
Clay	181	3.9 (11)	8.3 (45)	160	8.1 (25)	147	0.0 (1)	182	74.7 (31)
Clayton	98	6.1 (33)	8.2 (42)	85	3.5 (4)	82	2.4 (44)	98	81.6 (8)
Clinton	530	12.1 (98)	8.5 (50)	413	14.3 (87)	354	3.4 (66)	531	69.3 (54)
Crawford	338	9.2 (78)	6.2 (15)	337	14.8 (91)	287	1.0 (21)	338	65.1 (72)
Dallas	269	6.3 (35)	8.9 (54)	239	8.8 (30)	217	3.2 (61)	270	80.0 (12)
Davis	14	0.0 (1)	0.0 (1)	14	21.4 (99)	11	0.0 (1)	14	57.1 (92)
Decatur	65	9.2 (78)	6.2 (15)	47	2.1 (3)	46	2.2 (38)	65	64.6 (75)
Delaware	60	11.7 (96)	10.0 (68)	51	9.8 (48)	46	6.5 (93)	60	46.7 (99)
Des Moines	507	7.3 (52)	9.3 (62)	413	9.0 (35)	375	3.5 (71)	509	59.1 (86)
Dickinson	52	3.8 (8)	9.6 (66)	51	13.7 (82)	44	0.0 (1)	52	82.7 (4)
Dubuque	1,081	6.4 (38)	8.1 (39)	896	6.6 (13)	836	2.9 (54)	1,086	55.5 (94)
Emmet	127	9.4 (80)	9.4 (63)	107	10.3 (58)	95	5.3 (88)	128	68.0 (63)
Fayette	141	6.4 (38)	11.3 (78)	114	9.6 (44)	103	2.9 (54)	141	70.9 (47)
Floyd	180	8.9 (75)	11.7 (84)	153	13.1 (77)	132	5.3 (88)	181	65.7 (68)
Franklin	125	4.0 (12)	12.0 (87)	109	14.7 (90)	92	0.0 (1)	126	71.4 (42)
Fremont	29	0.0 (1)	3.4 (5)	27	11.1 (66)	24	0.0 (1)	29	72.4 (39)
Greene	74	5.4 (27)	8.1 (39)	73	9.6 (44)	66	1.5 (30)	74	70.3 (50)
Grundy	24	4.2 (16)	12.5 (89)	20	15.0 (93)	17	0.0 (1)	24	62.5 (80)

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WIC PNSS & PedNSS

Table 8B

2017 - 2019 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	64	7.8 (56)	6.3 (19)	62	6.5 (11)	58	3.4 (66)	64	78.1 (17)
Hamilton	178	9.6 (82)	5.1 (11)	160	13.8 (83)	138	5.1 (87)	179	82.1 (5)
Hancock	73	1.4 (6)	6.8 (27)	61	4.9 (6)	58	0.0 (1)	73	71.2 (43)
Hardin	81	9.9 (86)	6.2 (15)	71	15.5 (94)	60	1.7 (31)	81	69.1 (57)
Harrison	98	10.2 (90)	8.2 (42)	94	9.6 (44)	85	4.7 (82)	98	72.4 (39)
Henry	165	9.7 (83)	9.1 (58)	135	8.1 (25)	124	4.8 (85)	166	73.5 (34)
Howard	68	10.3 (91)	13.2 (91)	60	11.7 (74)	53	3.8 (75)	68	77.9 (19)
Humboldt	66	10.6 (92)	9.1 (58)	61	11.5 (73)	54	3.7 (74)	66	84.8 (1)
Ida	73	6.8 (46)	4.1 (7)	70	17.1 (97)	58	0.0 (1)	73	72.6 (37)
Iowa	30	10.0 (87)	13.3 (92)	28	7.1 (17)	26	7.7 (95)	30	76.7 (23)
Jackson	89	7.9 (59)	7.9 (36)	76	14.5 (89)	65	3.1 (60)	89	57.3 (91)
Jasper	304	8.2 (64)	11.8 (85)	258	9.7 (47)	232	2.6 (48)	305	68.2 (62)
Jefferson	58	5.2 (25)	10.3 (70)	54	11.1 (66)	48	2.1 (36)	59	57.6 (89)
Johnson	1,102	11.5 (95)	7.1 (29)	1,006	10.1 (54)	892	4.5 (80)	1,118	84.6 (2)
Jones	86	5.8 (31)	4.7 (9)	79	7.6 (19)	73	1.4 (28)	86	75.6 (27)
Keokuk	26	3.8 (8)	11.5 (82)	24	16.7 (96)	20	0.0 (1)	26	69.2 (55)
Kossuth	105	6.7 (45)	17.1 (97)	95	9.5 (41)	85	2.4 (44)	106	67.0 (66)
Lee	344	8.4 (70)	6.1 (13)	291	8.2 (27)	265	5.3 (88)	344	48.8 (97)
Linn	2,347	7.4 (53)	9.0 (56)	2,088	9.2 (38)	1,856	2.9 (54)	2,400	68.8 (58)

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WIC PNSS & PedNSS

Table 8B

2017 - 2019 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)
Louisa	42	9.5 (81)	9.5 (65)	39	10.3 (58)	35	5.7 (91)	43	65.1 (72)
Lucas	50	4.0 (12)	12.0 (87)	34	11.8 (75)	30	0.0 (1)	50	62.0 (81)
Lyon	51	7.8 (56)	7.8 (35)	47	14.9 (92)	40	5.0 (86)	51	74.5 (32)
Madison	59	5.1 (23)	8.5 (50)	45	8.9 (34)	41	0.0 (1)	59	71.2 (43)
Mahaska	130	8.5 (72)	8.5 (50)	116	9.5 (41)	105	2.9 (54)	130	61.5 (83)
Marion	265	7.2 (50)	8.3 (45)	216	8.8 (30)	197	2.5 (47)	265	67.5 (65)
Marshall	852	6.6 (43)	8.3 (45)	783	8.2 (27)	710	3.0 (58)	863	72.1 (41)
Mills	65	4.6 (18)	6.2 (15)	63	7.9 (23)	58	1.7 (31)	65	69.2 (55)
Mitchell	78	7.7 (55)	6.4 (22)	62	6.5 (11)	58	0.0 (1)	78	75.6 (27)
Monona	78	3.8 (8)	3.8 (6)	74	6.8 (16)	69	1.4 (28)	78	60.3 (84)
Monroe	61	4.9 (21)	11.5 (82)	55	9.1 (36)	50	0.0 (1)	61	65.6 (70)
Montgomery	123	4.9 (21)	10.6 (72)	119	13.4 (80)	103	0.0 (1)	123	68.3 (61)
Muscatine	736	6.5 (40)	7.2 (31)	606	11.2 (70)	538	2.4 (44)	736	76.5 (24)
O Brien	123	6.5 (40)	6.5 (23)	106	14.2 (86)	91	1.1 (24)	124	80.6 (10)
Osceola	42	4.8 (19)	11.9 (86)	34	11.8 (75)	29	3.4 (66)	42	81.0 (9)
Page	123	4.1 (15)	4.9 (10)	108	9.3 (40)	98	2.0 (33)	122	63.1 (79)
Palo Alto	61	9.8 (84)	6.6 (26)	49	10.2 (56)	44	2.3 (42)	61	70.5 (48)
Plymouth	131	6.9 (48)	5.3 (12)	119	14.3 (87)	101	1.0 (21)	132	81.8 (6)
Pocahontas	25	4.0 (12)	16.0 (96)	22	13.6 (81)	19	0.0 (1)	25	80.0 (12)

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(4) <2500 g.
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(6) <37 weeks gestation.
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* Percentages are not calculated if <100 records are available for analysis after exclusions.

WIC PNSS & PedNSS

Table 8B

2017 - 2019 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	6,287	8.4 (70)	8.2 (42)	5,763	10.0 (52)	5,110	3.5 (71)	6,383	78.6 (16)
Pottawatta	1,370	8.3 (67)	7.5 (33)	1,293	11.2 (70)	1,144	2.7 (50)	1,378	75.3 (29)
Poweshiek	117	5.1 (23)	6.8 (27)	101	13.9 (84)	87	2.3 (42)	118	71.2 (43)
Ringgold	30	10.0 (87)	3.3 (4)	28	0.0 (1)	28	10.7 (99)	30	63.3 (78)
Sac	36	8.3 (67)	13.9 (94)	36	11.1 (66)	32	0.0 (1)	36	55.6 (93)
Scott	1,828	10.1 (89)	7.1 (29)	1,547	11.1 (66)	1,373	4.7 (82)	1,832	64.8 (74)
Shelby	92	5.4 (27)	4.3 (8)	89	10.1 (54)	80	1.3 (25)	92	64.1 (76)
Sioux	387	5.7 (30)	8.8 (53)	357	9.2 (38)	321	2.8 (52)	390	83.3 (3)
Story	661	8.2 (64)	10.0 (68)	521	9.8 (48)	468	3.0 (58)	662	80.4 (11)
Tama	164	7.9 (59)	11.0 (76)	148	9.5 (41)	133	4.5 (80)	165	69.7 (52)
Taylor	52	5.8 (31)	13.5 (93)	41	4.9 (6)	39	2.6 (48)	52	48.1 (98)
Union	228	7.9 (59)	6.1 (13)	177	10.7 (62)	158	3.2 (61)	228	68.4 (60)
Van Buren	15	0.0 (1)	26.7 (99)	15	0.0 (1)	15	0.0 (1)	15	60.0 (85)
Wapello	1,114	6.3 (35)	7.9 (36)	1,015	8.8 (30)	926	2.2 (38)	1,115	73.3 (35)
Warren	257	8.2 (64)	9.7 (67)	202	11.4 (72)	179	2.2 (38)	256	75.8 (26)
Washington	93	4.3 (17)	6.5 (23)	77	7.8 (20)	71	0.0 (1)	93	81.7 (7)
Wayne	47	8.5 (72)	19.1 (98)	40	7.5 (18)	37	2.7 (50)	47	57.4 (90)
Webster	567	7.1 (49)	8.1 (39)	515	7.8 (20)	475	2.1 (36)	567	72.5 (38)
Winnebago	123	8.9 (75)	11.4 (81)	112	10.7 (62)	100	1.0 (21)	123	65.9 (67)

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		Low (4)	High (5)						
	Number	% (rank)	% (rank)	Number	% (rank)	Number	% (rank)	Number	% (rank)
Winneshiek	77	7.8 (56)	10.4 (71)	63	6.3 (10)	59	3.4 (66)	77	79.2 (15)
Woodbury	1,812	6.6 (43)	8.3 (45)	1,718	10.3 (58)	1,513	2.0 (33)	1,844	71.1 (46)
Worth	22	9.1 (77)	9.1 (58)	15	6.7 (14)	14	7.1 (94)	22	77.3 (21)
Wright	191	6.3 (35)	8.9 (54)	175	13.1 (77)	152	2.0 (33)	191	78.0 (18)
Iowa	**32,588**	**7.8**	**8.3**	**28,952**	**10.0**	**25,853**	**3.1**	**32,859**	**67.7**

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