

WIC PNSS & PedNSS

Table 4B

2018 Pediatric Nutrition Surveillance (1)

Iowa

Comparison of Racial and Ethnic Distribution by County

Children Aged < 5 Years (2)

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adair	82.8	3.1	8.6	0.0	0.0	5.5	0.0
Adams	*	*	*	*	*	*	*
Allamakee	52.4	7.9	38.7	0.0	0.0	1.0	0.0
Appanoose	90.2	0.8	6.6	0.0	0.0	2.5	0.0
Audubon	*	*	*	*	*	*	*
Benton	89.9	0.0	3.4	0.0	0.0	6.7	0.0
Blackhawk	46.3	24.7	11.4	0.0	3.8	13.7	0.0
Boone	87.4	2.1	6.3	0.0	0.0	4.2	0.0
Bremer	92.5	0.0	4.0	0.0	0.6	2.9	0.0
Buchanan	90.7	0.5	4.4	0.5	0.0	3.9	0.0
Buena Vist	18.0	3.6	57.0	0.1	11.3	10.0	0.0
Butler	91.2	1.5	2.9	0.0	0.0	4.4	0.0
Calhoun	86.3	0.0	7.8	0.0	0.0	5.9	0.0
Carroll	78.2	6.8	11.4	0.0	0.5	3.2	0.0
Cass	84.7	0.4	10.9	0.0	0.4	3.6	0.0
Cedar	*	*	*	*	*	*	*
Cerro Gord	70.8	6.2	13.4	0.2	0.8	8.6	0.0
Cherokee	79.3	1.8	12.9	2.3	1.4	2.3	0.0
Chickasaw	*	*	*	*	*	*	*
Clarke	60.1	1.6	34.6	0.8	0.0	2.9	0.0
Clay	79.3	1.3	15.1	0.0	1.0	3.1	0.3

(1) Reporting period is January 1 through December 31

(2) Analyses based on one record per child

(3) Excludes records with unknown data errors.

(4) Prenatal program participation

* 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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County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Clayton	90.6	0.0	6.1	0.0	0.0	3.3	0.0
Clinton	67.1	8.7	12.3	0.0	0.1	11.6	0.2
Crawford	26.3	4.4	62.4	0.3	5.9	0.6	0.0
Dallas	55.7	7.3	30.9	0.4	1.9	3.9	0.0
Davis	*	*	*	*	*	*	*
Decatur	88.1	1.2	6.5	0.0	0.0	4.2	0.0
Delaware	78.8	7.3	6.6	0.0	0.0	7.3	0.0
Des Moines	62.7	21.3	6.0	0.0	0.3	9.6	0.0
Dickinson	81.9	0.6	13.9	0.6	0.6	2.4	0.0
Dubuque	67.6	14.4	7.8	0.3	0.6	9.3	0.0
Emmet	56.9	5.0	36.8	0.0	0.0	1.3	0.0
Fayette	83.6	2.4	9.6	0.0	0.0	4.5	0.0
Floyd	67.8	11.1	9.7	0.3	4.6	6.6	0.0
Franklin	34.4	0.4	64.1	0.0	0.0	1.2	0.0
Fremont	*	*	*	*	*	*	*
Greene	81.5	1.2	13.9	0.0	0.6	2.9	0.0
Grundy	*	*	*	*	*	*	*
Guthrie	77.8	3.7	17.3	0.0	0.0	1.2	0.0
Hamilton	56.6	0.6	35.2	0.0	3.1	4.1	0.3
Hancock	68.5	3.5	25.2	0.0	0.0	2.8	0.0
Hardin	81.2	1.0	14.7	0.0	0.5	2.5	0.0

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(4) Prenatal program participation

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Children Aged < 5 Years (2)

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Harrison	88.4	1.2	9.9	0.0	0.0	0.6	0.0
Henry	76.7	3.3	16.1	0.0	0.6	3.3	0.0
Howard	86.0	1.6	7.8	0.0	0.0	4.7	0.0
Humboldt	71.0	2.6	25.2	0.0	0.0	1.3	0.0
Ida	83.2	0.8	14.5	0.0	0.0	1.5	0.0
Iowa	*	*	*	*	*	*	*
Jackson	78.3	5.3	3.7	0.5	0.0	12.2	0.0
Jasper	85.5	4.7	6.8	0.0	1.3	1.8	0.0
Jefferson	83.7	2.1	7.8	0.0	2.8	3.5	0.0
Johnson	28.4	44.6	19.4	0.0	2.0	5.5	0.1
Jones	83.6	4.4	7.1	0.0	0.9	4.0	0.0
Keokuk	*	*	*	*	*	*	*
Kossuth	78.9	2.2	14.5	0.9	0.9	2.6	0.0
Lee	84.3	5.7	5.1	0.0	0.2	4.7	0.0
Linn	47.8	27.2	10.9	0.1	1.7	12.2	0.1
Louisa	*	*	*	*	*	*	*
Lucas	90.4	0.0	7.6	0.0	0.0	1.9	0.0
Lyon	81.9	0.0	13.8	0.0	0.0	4.3	0.0
Madison	86.0	1.5	6.6	0.0	1.5	4.4	0.0
Mahaska	84.1	5.0	7.3	0.0	0.7	3.0	0.0
Marion	89.0	1.6	4.6	0.6	0.4	3.8	0.0

(1) Reporting period is January 1 through December 31

(2) Analyses based on one record per child

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(4) Prenatal program participation

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2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Racial and Ethnic Distribution by County

Children Aged < 5 Years ⁽²⁾

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Marshall	36.8	2.9	47.6	0.4	10.1	2.3	0.0
Mills	87.4	0.0	10.1	0.0	0.0	2.5	0.0
Mitchell	88.7	0.6	7.5	0.0	0.0	3.1	0.0
Monona	79.5	2.7	11.0	1.4	0.0	5.5	0.0
Monroe	88.9	5.1	5.1	0.0	0.0	0.9	0.0
Montgomery	85.8	0.4	11.6	0.0	0.0	2.2	0.0
Muscatine	51.3	7.0	37.7	0.0	2.0	1.9	0.0
O Brien	64.5	1.8	30.0	0.9	0.5	2.3	0.0
Osceola	*	*	*	*	*	*	*
Page	90.4	0.7	7.6	0.0	0.0	1.3	0.0
Palo Alto	84.9	3.6	8.6	0.0	0.7	2.2	0.0
Plymouth	65.4	2.0	28.1	0.0	1.3	3.3	0.0
Pocahontas	*	*	*	*	*	*	*
Polk	37.1	21.1	25.7	0.2	9.1	6.8	0.0
Pottawatta	67.1	3.2	20.5	0.4	0.1	8.8	0.0
Poweshiek	82.8	3.0	12.4	0.0	0.0	1.7	0.0
Ringgold	*	*	*	*	*	*	*
Sac	*	*	*	*	*	*	*
Scott	43.6	24.8	15.6	0.6	1.5	13.9	0.1
Shelby	84.8	1.0	11.0	0.0	0.0	3.1	0.0
Sioux	40.9	0.8	56.1	0.3	0.3	1.7	0.0

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Iowa

Comparison of Racial and Ethnic Distribution by County

Children Aged < 5 Years ⁽²⁾

County	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Multiple Races	All Other/Unknown
	%	%	%	%	%	%	%
Story	62.7	8.5	14.2	0.4	7.2	6.9	0.0
Tama	41.9	0.6	34.3	16.2	0.0	6.1	0.9
Taylor	60.7	0.0	37.6	0.0	0.0	1.7	0.0
Union	83.8	1.2	10.4	0.2	0.6	3.9	0.0
Van Buren	*	*	*	*	*	*	*
Wapello	67.7	7.7	18.3	0.1	1.5	4.8	0.0
Warren	81.8	3.1	8.1	0.0	1.0	5.9	0.0
Washington	63.7	2.2	32.3	0.0	0.0	1.8	0.0
Wayne	*	*	*	*	*	*	*
Webster	63.2	5.7	15.8	0.5	0.2	14.6	0.0
Winnebago	74.6	2.1	17.8	0.0	0.0	5.5	0.0
Winneshiek	72.9	0.0	25.7	0.0	0.7	0.7	0.0
Woodbury	32.0	11.3	43.8	3.2	1.3	8.3	0.2
Worth	*	*	*	*	*	*	*
Wright	30.1	1.3	66.1	0.0	0.0	2.5	0.0
Iowa	54.0	13.9	21.2	0.4	3.2	7.3	0.0
National (Prior Year)	50.2	19.9	17.3	2.3	2.7	7.5	0.1

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(4) Prenatal program participation

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

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Table 5B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Age Distribution by County

Children Aged < 5 Years ⁽²⁾

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Adair	36.7	14.8	48.4
Adams	*	*	*
Allamakee	40.7	13.7	45.5
Appanoose	44.3	16.4	39.3
Audubon	*	*	*
Benton	31.9	17.2	50.8
Blackhawk	42.4	17.3	40.3
Boone	30.0	18.9	51.1
Bremer	27.0	21.3	51.7
Buchanan	39.5	16.6	43.9
Buena Vist	44.3	16.4	39.3
Butler	39.4	13.9	46.7
Calhoun	29.4	20.6	50.0
Carroll	36.7	17.0	46.4
Cass	41.5	17.7	40.7
Cedar	*	*	*
Cerro Gord	43.1	17.1	39.8
Cherokee	35.0	19.4	45.6
Chickasaw	*	*	*
Clarke	39.5	17.3	43.2
Clay	44.1	14.0	41.8

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Iowa

Comparison of Age Distribution by County

Children Aged < 5 Years ⁽²⁾

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Clayton	43.7	16.0	40.4
Clinton	47.3	15.9	36.8
Crawford	42.2	18.5	39.3
Dallas	34.6	20.3	45.1
Davis	*	*	*
Decatur	42.3	19.0	38.7
Delaware	29.9	21.2	48.9
Des Moines	49.1	15.4	35.5
Dickinson	42.2	16.9	41.0
Dubuque	43.7	15.5	40.8
Emmet	42.3	15.9	41.8
Fayette	44.2	13.0	42.8
Floyd	38.5	17.9	43.6
Franklin	40.5	15.8	43.6
Fremont	*	*	*
Greene	35.3	15.0	49.7
Grundy	*	*	*
Guthrie	38.9	16.0	45.1
Hamilton	39.6	16.4	44.0
Hancock	45.5	10.5	44.1
Hardin	33.5	19.8	46.7

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Children Aged < 5 Years ⁽²⁾

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Harrison	39.0	20.9	40.1
Henry	42.1	14.2	43.6
Howard	41.9	18.6	39.5
Humboldt	38.1	20.6	41.3
Ida	42.0	16.0	42.0
Iowa	*	*	*
Jackson	42.3	13.2	44.4
Jasper	37.3	21.5	41.1
Jefferson	36.9	12.8	50.4
Johnson	39.8	18.8	41.4
Jones	43.1	16.4	40.4
Keokuk	*	*	*
Kossuth	34.8	19.4	45.8
Lee	44.8	16.4	38.8
Linn	41.1	17.0	42.0
Louisa	*	*	*
Lucas	38.9	14.6	46.5
Lyon	33.3	18.8	47.8
Madison	38.2	16.2	45.6
Mahaska	43.5	15.6	40.9
Marion	40.9	21.2	37.9

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Children Aged < 5 Years ⁽²⁾

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Marshall	37.3	20.7	42.0
Mills	40.3	21.8	37.8
Mitchell	42.8	13.8	43.4
Monona	46.6	17.8	35.6
Monroe	41.0	18.8	40.2
Montgomery	43.3	15.3	41.5
Muscatine	45.9	18.1	36.0
O Brien	44.5	17.7	37.7
Osceola	*	*	*
Page	36.3	13.5	50.2
Palo Alto	42.4	15.8	41.7
Plymouth	35.0	15.7	49.3
Pocahontas	*	*	*
Polk	37.9	20.7	41.4
Pottawatta	42.5	17.1	40.4
Poweshiek	30.9	20.6	48.5
Ringgold	*	*	*
Sac	*	*	*
Scott	44.5	17.1	38.4
Shelby	34.6	18.8	46.6
Sioux	34.5	19.3	46.2

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(2) Analyses based on one record per child.

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2018 Pediatric Nutrition Surveillance ⁽¹⁾

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Comparison of Age Distribution by County

Children Aged < 5 Years ⁽²⁾

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Story	37.7	22.2	40.1
Tama	34.6	22.9	42.5
Taylor	35.0	14.5	50.4
Union	48.3	15.6	36.1
Van Buren	*	*	*
Wapello	45.8	17.1	37.2
Warren	36.9	20.9	42.2
Washington	35.9	19.7	44.4
Wayne	*	*	*
Webster	41.7	17.4	40.9
Winnebago	39.0	13.6	47.5
Winneshiek	44.4	12.5	43.1
Woodbury	42.0	16.2	41.9
Worth	*	*	*
Wright	34.9	20.5	44.6
Iowa	40.6	18.0	41.4
National (Prior Year)	34.1	21.0	44.9

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

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WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾			
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%		
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)	% Obese (Rank)
Adair	*	*	8.9 (61)	3.2 (63)	16.1 (64)	*	*	*	*	*	*	*
Adams	*	*	*	*	*	*	*	*	*	*	*	*
Allamakee	*	*	6.2 (15)	2.4 (43)	15.3 (55)	12.4 (1)	21.2 (42)	11.1 (42)				
Appanoose	*	*	10.2 (70)	3.4 (67)	19.5 (78)	*	*	*				
Audubon	*	*	*	*	*	*	*	*				
Benton	*	*	7.2 (31)	3.2 (63)	11.7 (19)	20.2 (37)	15.1 (20)	7.1 (20)				
Blackhawk	8.4 (6)	7.5 (13)	7.4 (34)	3.4 (67)	12.2 (26)	16.8 (18)	14.5 (15)	14.6 (51)				
Boone	*	*	6.7 (24)	3.9 (74)	6.7 (1)	*	*	*				
Bremer	*	*	10.8 (75)	1.9 (30)	17.1 (67)	*	*	*				
Buchanan	*	*	8.5 (55)	2.7 (53)	11.2 (17)	*	*	*				
Buena Vista	6.6 (1)	5.6 (4)	7.1 (29)	2.4 (43)	15.1 (54)	15.5 (13)	14.6 (16)	5.2 (8)				
Butler	*	*	4.0 (3)	2.4 (43)	12.0 (24)	*	*	*				
Calhoun	*	*	7.8 (41)	0.0 (1)	18.6 (74)	*	*	*				

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* National includes previous year's data for all participating States and ITOs

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

WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾	
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number
Carroll	*	*		6.2 (15)	1.0 (12)	14.6 (51)		16.9 (19)	19.1 (38)		11.2 (43)
Cass	*	*		7.9 (44)	0.4 (3)	17.4 (68)		18.0 (27)	17.0 (27)		7.8 (26)
Cedar	*	*		*	*	*		*	*		*
Cerro Gord	8.4 (6)	9.9 (24)		7.2 (31)	2.0 (33)	12.9 (32)		19.3 (32)	17.5 (30)		5.6 (10)
Cherokee	*	*		5.7 (10)	1.4 (17)	21.0 (82)		*	*		7.8 (26)
Chickasaw	*	*		*	*	*		*	*		*
Clarke	*	*		7.0 (27)	3.1 (59)	12.7 (31)		*	*		15.8 (53)
Clay	*	*		7.6 (38)	1.3 (13)	12.5 (30)		12.4 (1)	12.4 (8)		5.1 (7)
Clayton	*	*		4.3 (4)	1.9 (30)	10.1 (9)		*	*		3.8 (2)
Clinton	15.2 (22)	9.5 (22)		10.4 (73)	0.9 (10)	15.5 (57)		20.8 (39)	18.0 (32)		10.9 (40)
Crawford	9.1 (12)	4.9 (2)		7.7 (39)	1.3 (13)	19.9 (79)		17.1 (23)	23.6 (43)		11.8 (45)
Dallas	7.2 (3)	8.6 (17)		6.7 (24)	1.8 (28)	14.5 (49)		16.4 (15)	17.4 (29)		8.7 (32)
Davis	*	*		*	*	*		*	*		*
Decatur	*	*		10.8 (75)	2.5 (48)	18.4 (73)		*	*		15.1 (52)

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

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(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Delaware	*	*		3.8 (2)	2.3 (39)	13.0 (34)	*	*		*		*
Des Moines	9.3 (14)	8.9 (21)		6.0 (14)	3.1 (59)	9.9 (8)	14.3 (9)	13.0 (9)			10.2 (38)	
Dickinson	*	*		9.8 (69)	5.5 (81)	8.6 (3)	*	*			4.0 (3)	
Dubuque	8.6 (9)	8.6 (17)		6.2 (15)	2.8 (56)	8.6 (3)	14.1 (8)	11.2 (4)			18.0 (56)	
Emmet	*	*		9.5 (65)	3.4 (67)	15.5 (57)	*	*			4.3 (5)	
Fayette	*	*		7.1 (29)	0.7 (6)	14.6 (51)	16.4 (15)	18.1 (33)			11.2 (43)	
Floyd	*	*		5.1 (8)	1.5 (18)	11.7 (19)	23.0 (42)	16.2 (24)			7.4 (22)	
Franklin	*	*		5.9 (12)	0.4 (3)	15.8 (61)	19.8 (35)	14.4 (14)			5.5 (9)	
Fremont	*	*		*	*	*	*	*			*	
Greene	*	*		7.8 (41)	0.6 (5)	19.3 (77)	*	*			6.9 (17)	
Grundy	*	*		*	*	*	*	*			*	
Guthrie	*	*		9.6 (66)	1.3 (13)	10.8 (14)	*	*			8.7 (32)	
Hamilton	*	*		7.7 (39)	2.9 (58)	14.4 (47)	13.7 (6)	17.3 (28)			5.6 (10)	
Hancock	*	*		5.8 (11)	0.7 (6)	11.5 (18)	*	*			*	

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(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

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WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

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County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Hardin	*	*		6.7 (24)	3.1 (59)	10.8 (14)	*	*			*	
Harrison	*	*		6.6 (22)	2.4 (43)	18.7 (75)	*	*			19.1 (57)	
Henry	*	*		8.8 (59)	2.8 (56)	16.0 (63)	20.6 (38)	20.6 (41)			5.8 (12)	
Howard	*	*		5.6 (9)	4.8 (77)	9.5 (6)	*	*			*	
Humboldt	*	*		5.9 (12)	2.6 (50)	20.3 (80)	*	*			7.7 (25)	
Ida	*	*		7.9 (44)	3.2 (63)	15.9 (62)	*	*			*	
Iowa	*	*		*	*	*	*	*			*	
Jackson	*	*		12.4 (80)	1.6 (21)	13.4 (41)	*	*			8.8 (34)	
Jasper	14.3 (21)	9.8 (23)		8.5 (55)	4.9 (78)	13.0 (34)	13.0 (3)	14.8 (17)			12.9 (48)	
Jefferson	*	*		9.7 (67)	0.0 (1)	13.4 (41)	*	*			*	
Johnson	17.1 (24)	6.3 (7)		7.9 (44)	2.7 (53)	10.5 (11)	15.4 (12)	11.9 (6)			9.7 (35)	
Jones	*	*		6.5 (21)	2.3 (39)	11.7 (19)	*	*			10.6 (39)	
Keokuk	*	*		*	*	*	*	*			*	
Kossuth	*	*		4.5 (5)	1.8 (28)	13.1 (38)	22.2 (41)	18.5 (35)			4.4 (6)	

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* National includes previous year's data for all participating States and ITOs

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

WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Lee	9.1 (12)	5.3 (3)		8.1 (49)	2.4 (43)	11.7 (19)		16.6 (17)	14.0 (12)		8.6 (30)	
Linn	9.6 (18)	8.4 (15)		6.6 (22)	1.6 (21)	11.9 (23)		16.9 (19)	13.1 (11)		15.8 (53)	
Louisa	*	*		*	*	*		*	*		*	
Lucas	*	*		7.2 (31)	5.2 (79)	10.5 (11)		*	*		21.4 (60)	
Lyon	*	*		8.0 (47)	0.7 (6)	12.4 (27)		*	*		*	
Madison	*	*		3.1 (1)	7.6 (82)	13.0 (34)		*	*		*	
Mahaska	*	*		7.4 (34)	3.5 (71)	13.8 (44)		17.5 (25)	14.2 (13)		7.4 (22)	
Marion	*	*		7.8 (41)	2.5 (48)	14.5 (49)		14.0 (7)	16.2 (24)		5.9 (13)	
Marshall	8.1 (5)	8.1 (14)		6.4 (18)	3.4 (67)	12.9 (32)		17.1 (23)	15.0 (19)		14.4 (50)	
Mills	*	*		10.3 (72)	2.6 (50)	9.5 (6)		*	*		*	
Mitchell	*	*		8.5 (55)	2.0 (33)	7.8 (2)		*	*		*	
Monona	*	*		9.1 (64)	2.1 (36)	15.4 (56)		*	*		*	
Monroe	*	*		4.6 (6)	3.7 (72)	13.8 (44)		*	*		*	
Montgomery	*	*		10.2 (70)	1.9 (30)	12.4 (27)		15.3 (11)	9.9 (3)		8.6 (30)	

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

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(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

Table 6B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾	
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number
Muscatine	8.8 (11)	5.6 (4)		5.0 (7)	3.1 (59)	12.4 (27)		18.0 (27)	18.9 (36)		10.1 (37)
O'Brien	*	*		8.5 (55)	4.2 (75)	14.1 (46)		*	*		5.9 (13)
Osceola	*	*		*	*	*		*	*		*
Page	*	*		8.2 (50)	5.3 (80)	8.9 (5)		17.0 (21)	9.6 (2)		12.6 (47)
Palo Alto	*	*		14.7 (82)	3.7 (72)	13.2 (39)		*	*		*
Plymouth	*	*		8.4 (53)	1.7 (25)	15.7 (59)		21.2 (40)	13.0 (9)		7.1 (20)
Pocahontas	*	*		*	*	*		*	*		*
Polk	9.5 (15)	7.3 (11)		7.0 (27)	1.7 (25)	13.7 (43)		16.2 (14)	15.5 (21)		10.0 (36)
Pottawatta	9.5 (15)	7.0 (10)		8.8 (59)	1.5 (18)	15.0 (53)		18.8 (29)	16.8 (26)		17.5 (55)
Poweshiek	*	*		12.6 (81)	2.7 (53)	13.0 (34)		*	*		20.5 (59)
Ringgold	*	*		*	*	*		*	*		*
Sac	*	*		*	*	*		*	*		*
Scott	9.8 (19)	6.5 (8)		8.4 (53)	1.7 (25)	12.0 (24)		17.0 (21)	14.8 (17)		13.8 (49)
Shelby	*	*		9.7 (67)	1.6 (21)	15.7 (59)		*	*		6.9 (17)

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(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

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Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾	
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number
Sioux	6.7 (2)	8.6 (17)		8.3 (51)	1.6 (21)	17.6 (70)		19.7 (33)	15.8 (22)		7.4 (22)
Story	10.9 (20)	8.5 (16)		8.0 (47)	4.2 (75)	10.5 (11)		13.6 (5)	11.8 (5)		19.3 (58)
Tama	*	*		6.4 (18)	3.2 (63)	14.4 (47)		18.8 (29)	15.9 (23)		12.1 (46)
Taylor	*	*		11.5 (78)	0.9 (10)	17.7 (71)		*	*		*
Union	9.5 (15)	4.8 (1)		11.1 (77)	2.6 (50)	16.3 (66)		19.8 (35)	12.2 (7)		10.9 (40)
Van Buren	*	*		*	*	*		*	*		*
Wapello	8.7 (10)	7.4 (12)		8.9 (61)	2.2 (37)	16.1 (64)		17.7 (26)	19.0 (37)		7.9 (28)
Warren	15.5 (23)	8.6 (17)		11.5 (78)	1.5 (18)	17.4 (68)		14.9 (10)	17.9 (31)		8.5 (29)
Washington	*	*		6.4 (18)	2.3 (39)	11.0 (16)		*	*		6.2 (15)
Wayne	*	*		*	*	*		*	*		*
Webster	7.6 (4)	6.2 (6)		10.4 (73)	2.0 (33)	18.1 (72)		18.8 (29)	19.3 (39)		3.2 (1)
Winnebago	*	*		7.5 (37)	1.3 (13)	10.1 (9)		23.9 (43)	9.2 (1)		6.4 (16)
Winneshiek	*	*		7.4 (34)	2.2 (37)	13.3 (40)		*	*		*
Woodbury	8.5 (8)	6.5 (8)		8.3 (51)	0.7 (6)	18.7 (75)		19.7 (33)	19.8 (40)		7.0 (19)

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(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

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WIC PNSS & PedNSS

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County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Worth	*	*		*	*	*		*	*		*	
Wright	*	*		8.9 (61)	2.3 (39)	20.4 (81)		13.1 (4)	18.2 (34)		4.1 (4)	
Iowa	9.5	7.5		7.6	2.1	13.6		17.0	15.4		11.0	
National (Prior Year)	121,592	10.4	6.8	498,309	7.1	3.1	10.8	212,140	16.3	13.4	358,000	14.9

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Adair		*		*		*		*		*		*
Adams		*		*		*		*		*		*
Allamakee		*		*		*		*	87.8 (10)		7.4 (51)	
Appanoose		*		*		*		*		*		*
Audubon		*		*		*		*		*		*
Benton		*		*		*		*		*		3.5 (40)
Blackhawk		70.9 (12)		28.7 (6)		16.6 (6)		20.6 (3)		10.8 (2)		81.1 (26)
Boone		*		*		*		*		*		1.3 (8)
Bremer		*		*		*		*		*		*
Buchanan		*		*		*		*		*		3.3 (38)
Buena Vist		64.5 (19)		*		*		*		87.6 (12)		4.9 (48)
Butler		*		*		*		*		*		0.8 (5)
Calhoun		*		*		*		*		*		*

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

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

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Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Carroll		*		*		*		*		80.3 (28)		2.7 (30)
Cass		*		*		*		*		*		*
Cedar		*		*		*		*		*		*
Cerro Gord		68.9 (13)		*		*		*		83.9 (19)		1.9 (19)
Cherokee		*		*		*		*		*		*
Chickasaw		*		*		*		*		*		*
Clarke		*		*		*		*		*		1.3 (8)
Clay		*		*		*		*		83.1 (21)		15.8 (57)
Clayton		*		*		*		*		*		16.3 (58)
Clinton		65.4 (17)		*		*		*		90.0 (3)		3.0 (35)
Crawford		67.8 (15)		*		*		*		*		0.9 (6)
Dallas		82.9 (1)		*		*		*		78.4 (33)		1.7 (17)
Davis		*		*		*		*		*		*

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(4) Excludes records with unknown data or errors.

(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* National includes previous year's data for all participating States and ITOs

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

WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Decatur		*		*		*		*		*		*
Delaware		*		*		*		*		*		0.0 (1)
Des Moines		57.6 (22)		14.0 (14)		*		14.4 (7)		7.0 (6)		82.2 (23)
Dickinson		*		*		*		*		*		19.5 (60)
Dubuque		52.0 (23)		19.1 (11)		*		16.9 (6)		8.1 (5)		95.6 (1)
Emmet		*		*		*		*		*		87.0 (14)
Fayette		*		*		*		*		*		87.7 (11)
Floyd		*		*		*		*		*		88.5 (8)
Franklin		*		*		*		*		*		89.3 (4)
Fremont		*		*		*		*		*		*
Greene		*		*		*		*		*		2.2 (24)
Grundy		*		*		*		*		*		*
Guthrie		*		*		*		*		*		4.1 (43)

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

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Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)
Hamilton		*		*		*		*		*	89.0 (6)	4.3 (45)
Hancock		*		*		*		*		*	*	0.7 (4)
Hardin		*		*		*		*		*	*	3.9 (42)
Harrison		*		*		*		*		*	*	*
Henry		*		*		*		*		*	80.3 (28)	2.6 (26)
Howard		*		*		*		*		*	*	12.3 (53)
Humboldt		*		*		*		*		*	*	3.0 (35)
Ida		*		*		*		*		*	*	*
Iowa		*		*		*		*		*	*	*
Jackson		*		*		*		*		*	*	1.4 (11)
Jasper		71.7 (11)		*		*		*		*	83.4 (20)	2.6 (26)
Jefferson		*		*		*		*		*	*	*
Johnson		81.2 (3)		44.8 (1)		32.7 (1)		22.4 (2)		11.0 (1)	79.0 (32)	1.5 (13)

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household		
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	
Jones		*		*		*		*		*		1.6 (15)	
Keokuk		*		*		*		*		*		*	
Kossuth		*		*		*		*		80.0 (30)		2.7 (30)	
Lee		50.0 (24)		*		*		*		74.4 (34)		5.1 (50)	
Linn		66.5 (16)		29.2 (5)		20.0 (5)		13.2 (10)		3.9 (10)		84.0 (18)	2.1 (22)
Louisa		*		*		*		*		*		*	
Lucas		*		*		*		*		*		*	
Lyon		*		*		*		*		*		*	
Madison		*		*		*		*		*		*	
Mahaska		*		*		*		*		*		*	
Marion		*		*		*		*		86.2 (16)		4.1 (43)	
Marshall		72.9 (10)		18.6 (13)		13.7 (8)		10.6 (14)		1.8 (14)		79.2 (31)	2.7 (30)
Mills		*		*		*		*		*		*	

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(4) Excludes records with unknown data or errors.

(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household		
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)	
Mitchell		*		*		*		*		*		2.0 (21)	
Monona		*		*		*		*		*		*	
Monroe		*		*		*		*		*		*	
Montgomery		*		*		*		*		*		*	
Muscatine		73.4 (9)		24.5 (7)		*		11.1 (12)		3.8 (12)		86.6 (15)	2.8 (33)
O Brien		*		*		*		*		*		13.7 (55)	
Osceola		*		*		*		*		*		*	
Page		*		*		*		*		*		2.5 (25)	
Palo Alto		*		*		*		*		*		8.3 (52)	
Plymouth		*		*		*		*		*		*	
Pocahontas		*		*		*		*		*		*	
Polk		76.8 (5)		30.0 (3)		20.5 (3)		11.0 (13)		2.9 (13)		82.0 (24)	1.7 (17)
Pottawatta		76.0 (7)		20.4 (9)		16.1 (7)		17.4 (5)		8.9 (3)		82.3 (22)	1.6 (15)

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(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household		
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)	
Poweshiek		*		*		*		*		*		2.6 (26)	
Ringgold		*		*		*		*		*		*	
Sac		*		*		*		*		*		*	
Scott		63.3 (20)		23.3 (8)		11.8 (9)		13.2 (10)		6.9 (7)		67.8 (35)	4.8 (47)
Shelby		*		*		*		*		*		*	
Sioux		81.7 (2)		*		*		*		*		89.2 (5)	0.6 (3)
Story		76.0 (7)		38.7 (2)		25.7 (2)		26.6 (1)		5.2 (9)		89.0 (6)	1.9 (19)
Tama		*		*		*		*		*		80.7 (27)	2.9 (34)
Taylor		*		*		*		*		*		*	*
Union		60.0 (21)		*		*		*		*		*	3.4 (39)
Van Buren		*		*		*		*		*		*	*
Wapello		77.5 (4)		29.3 (4)		20.2 (4)		18.7 (4)		8.5 (4)		*	3.8 (41)
Warren		76.7 (6)		*		*		*		*		92.6 (2)	1.5 (13)

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(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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

WIC PNSS & PedNSS

Table 7B

2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
Washington		*		*		*		*		*		*		
Wayne		*		*		*		*		*		*		
Webster		64.8 (18)		18.8 (12)		*		14.0 (8)		6.9 (7)		87.5 (13)		4.9 (48)
Winnebago		*		*		*		*		*		84.3 (17)		1.3 (8)
Winneshiek		*		*		*		*		*		*		15.4 (56)
Woodbury		68.1 (14)		19.3 (10)		9.1 (10)		14.0 (8)		3.9 (10)		81.3 (25)		1.4 (11)
Worth		*		*		*		*		*		*		*
Wright		*		*		*		*		*		88.2 (9)		2.6 (26)
Iowa		70.6		26.1		17.1		16.4		6.1		84.2		3.1
National (Prior Year)	122,229	71.6	76,146	33.0	72,502	20.8	53,063	15.7	61,738	7.4	211,741	81.9	472,480	3.9

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(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

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(5) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾	
	Low	High		Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number
Adair	*	*		4.7 (4)	2.9 (71)	14.5 (71)		11.6 (2)	12.2 (25)		12.8 (74)
Adams	*	*		9.9 (89)	5.0 (97)	9.4 (4)		12.7 (4)	6.9 (2)		10.4 (63)
Allamakee	6.3 (6)	5.9 (4)		7.0 (39)	2.3 (50)	15.1 (77)		14.8 (15)	19.1 (87)		9.5 (54)
Appanoose	*	*		10.1 (90)	2.6 (59)	15.3 (79)		17.1 (39)	19.0 (86)		9.8 (58)
Audubon	*	*		6.4 (27)	0.8 (3)	13.7 (57)		26.9 (92)	17.3 (69)		6.1 (15)
Benton	8.9 (32)	9.8 (55)		9.8 (87)	3.5 (86)	12.1 (32)		22.6 (89)	13.4 (35)		6.9 (29)
Blackhawk	9.0 (33)	7.4 (20)		7.4 (51)	3.3 (83)	12.4 (36)		16.0 (26)	14.7 (47)		9.6 (55)
Boone	12.8 (65)	11.9 (64)		7.6 (55)	3.6 (88)	8.6 (3)		14.1 (12)	12.5 (28)		13.7 (83)
Bremer	*	*		8.7 (75)	1.4 (14)	12.1 (32)		21.3 (83)	9.6 (4)		8.4 (43)
Buchanan	6.3 (6)	9.9 (57)		7.9 (63)	3.9 (92)	11.6 (28)		21.3 (83)	11.5 (17)		9.6 (55)
Buena Vist	6.3 (6)	7.3 (19)		6.2 (22)	2.8 (68)	13.4 (55)		15.3 (23)	14.0 (40)		7.2 (32)
Butler	*	*		8.2 (68)	2.1 (41)	11.4 (25)		19.5 (66)	15.5 (55)		7.1 (30)
Calhoun	*	*		6.4 (27)	0.0 (1)	13.9 (62)		16.2 (27)	14.7 (47)		4.1 (2)
Carroll	10.8 (57)	8.0 (31)		6.3 (24)	0.8 (3)	14.0 (66)		19.7 (68)	19.5 (89)		8.4 (43)

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)
Cass	7.7 (18)	10.7 (61)	8.1 (67)	1.3 (10)	16.6 (88)	18.2 (53)	18.6 (80)	13.0 (76)			
Cedar	*	*	5.7 (12)	3.1 (80)	17.2 (91)	*	*	9.2 (51)			
Cerro Gord	7.0 (12)	9.8 (55)	7.0 (39)	2.9 (71)	12.4 (36)	20.9 (79)	15.9 (58)	6.8 (26)			
Cherokee	7.8 (19)	8.5 (41)	6.5 (30)	1.6 (20)	15.5 (81)	21.0 (80)	16.5 (62)	5.7 (11)			
Chickasaw	*	*	6.0 (18)	2.4 (54)	15.7 (83)	20.5 (77)	12.8 (29)	6.3 (18)			
Clarke	12.1 (61)	7.5 (23)	7.6 (55)	2.8 (68)	13.9 (62)	16.5 (29)	14.5 (45)	11.4 (69)			
Clay	8.2 (23)	5.6 (3)	8.6 (72)	2.8 (68)	10.9 (20)	14.0 (10)	11.4 (16)	6.1 (15)			
Clayton	10.1 (50)	7.4 (20)	5.8 (13)	1.8 (27)	11.7 (31)	20.0 (72)	14.4 (43)	6.4 (19)			
Clinton	12.6 (63)	8.1 (34)	8.8 (77)	1.3 (10)	14.5 (71)	19.7 (68)	15.5 (55)	11.4 (69)			
Crawford	7.0 (12)	6.5 (9)	8.4 (70)	1.9 (33)	17.6 (94)	19.6 (67)	18.6 (80)	16.8 (95)			
Dallas	10.7 (56)	8.9 (48)	6.7 (34)	1.7 (22)	13.0 (50)	18.0 (51)	17.7 (75)	8.0 (39)			
Davis	*	*	5.4 (10)	2.0 (38)	11.4 (25)	*	*	5.7 (11)			
Decatur	6.1 (5)	7.8 (29)	9.1 (82)	2.4 (54)	13.8 (59)	15.9 (24)	14.5 (45)	12.4 (73)			
Delaware	*	*	4.3 (1)	2.6 (59)	13.5 (56)	17.0 (38)	16.5 (62)	13.5 (82)			

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)
Des Moines	10.1 (50)	8.6 (44)	6.7 (34)	2.3 (50)	10.5 (15)	15.2 (20)	13.0 (30)	13.2 (78)			
Dickinson	9.0 (33)	8.0 (31)	7.2 (45)	2.6 (59)	10.2 (10)	19.7 (68)	9.8 (5)	5.8 (14)			
Dubuque	9.0 (33)	9.4 (52)	6.5 (30)	2.9 (71)	8.2 (2)	15.2 (20)	9.8 (5)	18.8 (97)			
Emmet	9.9 (46)	10.6 (60)	9.0 (79)	3.8 (90)	13.1 (52)	20.2 (74)	17.4 (72)	5.4 (8)			
Fayette	9.9 (46)	9.4 (52)	7.9 (63)	1.3 (10)	12.5 (39)	18.4 (58)	14.4 (43)	7.8 (37)			
Floyd	9.3 (39)	9.3 (50)	5.0 (7)	2.7 (65)	11.3 (23)	23.3 (90)	13.8 (37)	8.0 (39)			
Franklin	6.5 (9)	10.4 (58)	6.2 (22)	1.5 (17)	14.9 (75)	21.5 (86)	17.4 (72)	7.2 (32)			
Fremont	*	*	11.4 (99)	1.4 (14)	12.4 (36)	19.1 (62)	8.7 (3)	9.8 (58)			
Greene	4.9 (2)	8.7 (46)	6.4 (27)	0.8 (3)	16.9 (89)	22.5 (88)	18.2 (79)	5.0 (5)			
Grundy	*	*	5.9 (16)	2.9 (71)	9.8 (6)	*	*	11.0 (68)			
Guthrie	*	*	7.0 (39)	1.2 (9)	10.6 (16)	19.9 (71)	12.0 (22)	10.2 (61)			
Hamilton	10.6 (54)	8.7 (46)	7.3 (48)	2.7 (65)	15.5 (81)	15.9 (24)	17.6 (74)	8.2 (42)			
Hancock	*	*	6.9 (37)	1.6 (20)	9.8 (6)	14.5 (13)	12.0 (22)	9.6 (55)			
Hardin	6.8 (10)	5.9 (4)	6.7 (34)	2.5 (58)	10.2 (10)	18.0 (51)	12.2 (25)	14.9 (86)			

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)
Harrison	9.0 (33)	8.2 (37)	7.8 (62)	2.9 (71)	17.8 (95)	17.7 (45)	13.0 (30)	17.6 (96)			
Henry	11.7 (60)	8.6 (44)	9.5 (85)	1.7 (22)	14.6 (73)	16.2 (27)	19.1 (87)	9.0 (49)			
Howard	*	*	4.9 (6)	1.8 (27)	10.7 (18)	11.4 (1)	13.4 (35)	6.4 (19)			
Humboldt	7.0 (12)	8.0 (31)	5.9 (16)	2.1 (41)	18.3 (96)	16.6 (32)	20.6 (91)	5.7 (11)			
Ida	10.0 (49)	7.0 (14)	6.9 (37)	3.5 (86)	12.9 (48)	14.0 (10)	11.0 (13)	6.4 (19)			
Iowa	*	*	7.7 (58)	2.1 (41)	13.3 (54)	23.6 (91)	17.3 (69)	3.5 (1)			
Jackson	8.0 (21)	7.2 (17)	11.0 (96)	2.6 (59)	12.6 (43)	21.5 (86)	11.6 (19)	6.5 (22)			
Jasper	11.1 (58)	9.3 (50)	7.9 (63)	4.5 (96)	12.5 (39)	12.8 (7)	14.1 (41)	10.1 (60)			
Jefferson	*	*	10.5 (92)	1.4 (14)	18.5 (97)	18.3 (57)	18.8 (84)	6.5 (22)			
Johnson	15.8 (66)	6.3 (8)	7.0 (39)	3.1 (80)	10.4 (14)	15.0 (17)	12.2 (25)	10.4 (63)			
Jones	9.5 (41)	7.6 (25)	5.2 (9)	1.9 (33)	10.6 (16)	12.5 (3)	14.9 (50)	15.1 (89)			
Keokuk	*	*	7.7 (58)	2.3 (50)	12.7 (44)	*	*	6.8 (26)			
Kossuth	5.2 (4)	11.1 (62)	6.3 (24)	2.0 (38)	14.0 (66)	20.4 (76)	18.6 (80)	5.1 (6)			
Lee	9.6 (42)	7.7 (27)	10.2 (91)	2.3 (50)	12.5 (39)	17.9 (49)	13.9 (38)	10.5 (65)			

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾			Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low		High	Short Stature		Under-Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Linn	9.4 (40)	8.4 (39)		7.1 (43)	1.9 (33)	11.3 (23)		17.5 (44)	13.2 (33)		15.5 (91)	
Louisa	*	*		6.1 (20)	2.2 (49)	14.7 (74)		18.2 (53)	22.6 (92)		9.3 (52)	
Lucas	4.9 (2)	7.8 (29)		5.8 (13)	3.9 (92)	11.4 (25)		19.3 (65)	11.7 (20)		13.4 (80)	
Lyon	*	*		7.6 (55)	0.7 (2)	11.6 (28)		15.1 (19)	11.1 (14)		6.7 (24)	
Madison	*	*		7.3 (48)	6.0 (99)	11.6 (28)		18.2 (53)	11.5 (17)		10.9 (67)	
Mahaska	12.2 (62)	7.5 (23)		8.4 (70)	4.3 (95)	12.5 (39)		12.7 (4)	10.6 (11)		7.3 (35)	
Marion	9.9 (46)	8.3 (38)		8.8 (77)	2.4 (54)	13.2 (53)		16.6 (32)	15.4 (54)		8.7 (45)	
Marshall	8.2 (23)	8.4 (39)		6.0 (18)	2.7 (65)	13.8 (59)		16.7 (34)	16.7 (65)		14.9 (86)	
Mills	*	*		11.1 (97)	2.1 (41)	9.5 (5)		13.7 (8)	11.2 (15)		13.4 (80)	
Mitchell	8.6 (29)	7.6 (25)		6.5 (30)	2.6 (59)	10.2 (10)		14.9 (16)	6.4 (1)		4.5 (3)	
Monona	4.5 (1)	4.5 (1)		7.2 (45)	2.1 (41)	15.9 (84)		12.7 (4)	17.8 (76)		15.2 (90)	
Monroe	*	*		7.4 (51)	3.0 (76)	12.8 (47)		18.8 (59)	15.9 (58)		9.4 (53)	
Montgomery	9.8 (44)	12.5 (66)		8.7 (75)	2.1 (41)	12.9 (48)		17.4 (43)	11.8 (21)		14.4 (84)	
Muscatine	8.2 (23)	7.1 (16)		4.8 (5)	3.0 (76)	11.1 (21)		17.7 (45)	16.9 (66)		8.7 (45)	

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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

WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)
O'Brien	7.2 (15)	5.5 (2)	7.4 (51)	4.2 (94)	14.1 (68)	13.8 (9)	15.0 (52)	6.2 (17)			
Osceola	*	*	5.8 (13)	1.8 (27)	13.7 (57)	16.8 (35)	10.6 (11)	4.5 (3)			
Page	8.3 (26)	5.9 (4)	7.3 (48)	3.4 (85)	12.1 (32)	17.2 (40)	13.1 (32)	13.0 (76)			
Palo Alto	*	*	11.2 (98)	3.2 (82)	13.9 (62)	14.7 (14)	14.7 (47)	7.2 (32)			
Plymouth	8.5 (28)	8.5 (41)	9.0 (79)	1.8 (27)	14.2 (69)	21.1 (81)	12.0 (22)	7.7 (36)			
Pocahontas	*	*	8.2 (68)	5.3 (98)	10.0 (9)	18.2 (53)	9.8 (5)	8.8 (48)			
Polk	9.8 (44)	8.1 (34)	7.1 (43)	2.1 (41)	12.7 (44)	16.9 (37)	14.9 (50)	12.3 (72)			
Pottawatta	9.2 (38)	7.7 (27)	8.6 (72)	1.8 (27)	13.9 (62)	17.7 (45)	16.9 (66)	16.0 (92)			
Poweshiek	11.2 (59)	6.6 (10)	10.8 (95)	3.8 (90)	12.7 (44)	19.2 (64)	10.1 (8)	14.6 (85)			
Ringgold	*	*	9.4 (84)	1.5 (17)	14.3 (70)	*	*	9.0 (49)			
Sac	*	*	4.6 (3)	1.1 (8)	13.8 (59)	21.2 (82)	20.4 (90)	5.3 (7)			
Scott	10.4 (53)	6.9 (13)	8.6 (72)	1.7 (22)	11.2 (22)	16.8 (35)	14.2 (42)	16.1 (93)			
Shelby	10.1 (50)	6.7 (11)	6.3 (24)	2.4 (54)	13.0 (50)	16.5 (29)	13.3 (34)	11.6 (71)			
Sioux	6.9 (11)	10.5 (59)	7.7 (58)	1.8 (27)	17.0 (90)	17.9 (49)	18.0 (77)	7.8 (37)			

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

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WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years ⁽²⁾

Combined 3 Years

Comparison of Growth and Anemia Indicators ^(3,4)

County	Birth Weight ⁽⁵⁾		Height and Weight ^(6,7)						Anemia Low Hb/Hct ⁽⁸⁾		
	Low	High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number			% Overweight (Rank)
Story	10.6 (54)	8.5 (41)	6.5 (30)	3.3 (83)	9.8 (6)	15.0 (17)	10.4 (9)	16.2 (94)			
Tama	9.0 (33)	11.2 (63)	5.4 (10)	3.6 (88)	16.2 (85)	18.9 (61)	18.7 (83)	8.7 (45)			
Taylor	*	*	9.0 (79)	1.7 (22)	17.4 (93)	21.3 (83)	17.3 (69)	14.9 (86)			
Union	8.3 (26)	5.9 (4)	10.6 (93)	2.0 (38)	16.3 (86)	19.1 (62)	15.7 (57)	10.6 (66)			
Van Buren	*	*	4.3 (1)	1.7 (22)	25.2 (99)	*	*	*			
Wapello	8.8 (30)	8.9 (48)	9.1 (82)	3.0 (76)	15.4 (80)	17.7 (45)	16.4 (61)	8.1 (41)			
Warren	12.6 (63)	9.6 (54)	9.6 (86)	1.9 (33)	15.0 (76)	17.2 (40)	16.6 (64)	12.8 (74)			
Washington	8.8 (30)	6.8 (12)	7.2 (45)	3.0 (76)	10.7 (18)	20.7 (78)	13.9 (38)	6.8 (26)			
Wayne	*	*	6.1 (20)	2.6 (59)	15.1 (77)	15.2 (20)	15.9 (58)	13.2 (78)			
Webster	7.6 (17)	8.1 (34)	9.8 (87)	2.1 (41)	16.5 (87)	18.8 (59)	17.2 (68)	6.7 (24)			
Winnebago	9.6 (42)	7.4 (20)	7.7 (58)	1.9 (33)	10.2 (10)	16.5 (29)	10.5 (10)	5.4 (8)			
Winneshiek	8.0 (21)	12.0 (65)	5.1 (8)	0.9 (7)	12.1 (32)	20.3 (75)	15.0 (52)	7.1 (30)			
Woodbury	7.9 (20)	7.0 (14)	8.0 (66)	0.8 (3)	17.3 (92)	20.0 (72)	18.8 (84)	10.2 (61)			
Worth	*	*	7.5 (54)	1.5 (17)	7.5 (1)	*	*	*			

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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WIC PNSS & PedNSS

Table 6B

2016 - 2018 Pediatric Nutrition Surveillance (1)

Iowa

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years (2)

Combined 3 Years

Comparison of Growth and Anemia Indicators (3,4)											
County	Birth Weight (5)			Height and Weight (6,7)						Anemia Low Hb/Hct (8)	
	Low		High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Ove weight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number
Wright	7.2 (15)	7.2 (17)		10.7 (94)	1.3 (10)	20.5 (98)	17.3 (42)	18.1 (78)		5.6 (10)	
Iowa	9.4	8.0		7.6	2.3	2.3	17.4	15.7		11.6	

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

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares one County's rate to other Counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.

(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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

WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pediatric Nutrition Surveillance (1)

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)

Children Aged < 5 Years (3)

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)

County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤ 2 Hours TV Viewing/Day (8)		Smoking in Household		
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)	
Adair		*		*		*		*		*		3.9 (55)	
Adams		*		*		*		*		*		4.2 (61)	
Allamakee		78.7 (8)		31.8 (4)		23.1 (3)		17.6 (20)		5.4 (23)		87.9 (23)	9.6 (83)
Appanoose		*		*		*		*		*		4.2 (61)	
Audubon		*		*		*		*		85.0 (43)		4.9 (73)	
Benton		65.4 (51)		*		*		19.3 (11)		*		82.5 (56)	2.5 (29)
Blackhawk		69.0 (38)		25.8 (9)		17.8 (8)		17.8 (18)		8.3 (2)		81.5 (62)	3.1 (41)
Boone		64.0 (57)		*		*		*		*		86.1 (37)	4.4 (66)
Bremer		*		*		*		*		*		88.4 (21)	0.3 (2)
Buchanan		66.9 (46)		10.8 (43)		*		*		2.0 (43)		82.5 (56)	4.0 (58)
Buena Vist		64.7 (54)		18.7 (27)		13.5 (19)		14.1 (29)		4.3 (29)		83.6 (53)	3.8 (53)
Butler		*		*		*		*		*		87.6 (25)	2.5 (29)
Calhoun		*		*		*		*		*		84.7 (47)	4.5 (69)

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WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
Carroll		70.6 (30)		16.9 (35)		10.6 (29)		13.7 (30)		4.5 (27)		83.7 (52)		3.3 (42)
Cass		70.8 (29)		23.1 (17)		*		19.5 (10)		7.5 (10)		*		1.6 (11)
Cedar		*		*		*		*		*		*		*
Cerro Gord		69.3 (36)		17.5 (33)		9.3 (32)		14.5 (28)		5.6 (21)		84.9 (46)		2.2 (23)
Cherokee		78.0 (9)		*		*		*		*		89.3 (16)		3.6 (49)
Chickasaw		*		*		*		*		*		*		2.6 (31)
Clarke		69.5 (35)		14.7 (40)		*		11.1 (41)		5.6 (21)		77.6 (72)		3.9 (55)
Clay		75.2 (17)		23.2 (15)		17.6 (9)		26.0 (2)		7.8 (8)		87.4 (27)		12.8 (88)
Clayton		80.3 (2)		20.8 (23)		*		18.1 (17)		4.0 (34)		90.7 (8)		20.3 (93)
Clinton		65.9 (50)		14.7 (40)		9.7 (31)		12.5 (32)		6.9 (12)		91.8 (6)		3.4 (45)
Crawford		68.9 (39)		17.9 (30)		12.4 (22)		8.2 (44)		2.8 (38)		76.9 (73)		1.2 (5)
Dallas		77.2 (12)		23.1 (17)		18.8 (4)		12.6 (31)		5.9 (18)		86.3 (36)		2.6 (31)
Davis		*		*		*		*		*		*		*
Decatur		64.3 (56)		*		*		*		*		*		5.7 (78)

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WIC PNSS & PedNSS

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Combined 3 Years

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County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Delaware		*		*		*		*	95.8 (1)		0.3 (2)	
Des Moines	58.6 (64)		15.1 (39)		10.9 (28)		12.4 (34)		6.1 (15)	80.1 (68)		4.9 (73)
Dickinson	80.0 (3)		*		*		*		*	90.2 (11)		17.3 (92)
Dubuque	57.0 (65)		15.5 (37)		12.6 (21)		15.5 (27)		3.8 (35)	95.5 (2)		0.2 (1)
Emmet	64.5 (55)		*		*		*		*	85.9 (38)		10.0 (84)
Fayette	73.1 (22)		20.6 (24)		*		22.7 (5)		5.8 (20)	85.6 (40)		20.9 (94)
Floyd	67.4 (42)		23.6 (14)		*		19.2 (13)		8.0 (4)	87.0 (31)		2.2 (23)
Franklin	74.7 (18)		*		*		18.9 (15)		*	86.7 (35)		1.9 (16)
Fremont	*		*		*		*		*	*		2.7 (34)
Greene	65.0 (53)		*		*		*		*	86.8 (32)		4.1 (60)
Grundy	*		*		*		*		*	*		1.7 (12)
Guthrie	*		*		*		*		*	85.5 (42)		4.4 (66)
Hamilton	79.9 (4)		24.0 (13)		*		16.8 (25)		4.2 (30)	87.3 (28)		3.0 (40)
Hancock	*		*		*		*		*	82.2 (60)		1.9 (16)

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WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County ⁽²⁾

Children Aged < 5 Years ⁽³⁾

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
Hardin		72.3 (23)		29.7 (5)		*		*		6.9 (12)		81.2 (65)		3.6 (49)
Harrison		75.4 (16)		*		*		*		*		*		1.8 (13)
Henry		67.9 (41)		19.1 (26)		11.9 (25)		18.6 (16)		6.0 (17)		85.0 (43)		2.8 (36)
Howard		*		*		*		*		*		87.2 (30)		16.7 (91)
Humboldt		84.0 (1)		*		*		*		*		87.3 (28)		2.9 (39)
Ida		70.0 (32)		*		*		*		*		90.6 (10)		2.0 (18)
Iowa		*		*		*		*		*		*		*
Jackson		63.2 (59)		*		*		*		*		88.4 (21)		2.4 (27)
Jasper		67.0 (44)		16.3 (36)		14.6 (15)		17.5 (21)		2.4 (42)		85.0 (43)		2.7 (34)
Jefferson		*		*		*		*		*		*		8.1 (80)
Johnson		79.6 (6)		42.4 (1)		30.5 (1)		19.0 (14)		8.3 (2)		82.8 (55)		1.8 (13)
Jones		70.1 (31)		*		*		*		*		95.3 (3)		1.2 (5)
Keokuk		*		*		*		*		*		*		*
Kossuth		66.4 (49)		*		*		*		*		82.5 (56)		2.2 (23)

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WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pediatric Nutrition Surveillance (1)

Iowa

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)

Children Aged < 5 Years (3)

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)

County	Breastfeeding (6)		Exclusive Breastfeeding (7)		≤ 2 Hours TV Viewing/Day (8)		Smoking in Household							
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)						
Lee		54.3 (66)		9.9 (44)		7.2 (34)		10.7 (42)		3.1 (37)		79.7 (69)		5.8 (79)
Linn		66.6 (48)		23.2 (15)		16.2 (11)		12.5 (32)		2.6 (40)		84.0 (51)		2.2 (23)
Louisa		*		*		*		*		*		87.6 (25)		3.3 (42)
Lucas		65.4 (51)		*		*		*		*		86.8 (32)		4.8 (71)
Lyon		*		*		*		*		*		*		3.6 (49)
Madison		*		*		*		*		*		*		4.3 (64)
Mahaska		61.8 (61)		15.4 (38)		12.4 (22)		11.6 (39)		4.2 (30)		90.2 (11)		3.7 (52)
Marion		71.9 (25)		26.7 (8)		18.8 (4)		21.6 (6)		4.1 (33)		84.2 (50)		4.8 (71)
Marshall		67.0 (44)		17.2 (34)		11.7 (26)		12.4 (34)		2.5 (41)		78.8 (71)		2.8 (36)
Mills		*		*		*		*		*		*		3.8 (53)
Mitchell		73.6 (20)		*		*		*		*		89.3 (16)		1.4 (8)
Monona		63.7 (58)		*		*		*		*		*		9.1 (82)
Monroe		*		*		*		*		*		81.3 (64)		4.6 (70)
Montgomery		67.4 (42)		*		*		16.8 (25)		*		*		2.1 (21)

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WIC PNSS & PedNSS

Table 7B

2016 - 2018 Pediatric Nutrition Surveillance ⁽¹⁾

Iowa

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Children Aged < 5 Years ⁽³⁾

Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household ^(4,5)

County	Breastfeeding ⁽⁶⁾				Exclusive Breastfeeding ⁽⁷⁾				≤ 2 Hours TV Viewing/Day ⁽⁸⁾		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
Muscatine		72.2 (24)		18.7 (27)		14.0 (17)		12.4 (34)		4.6 (26)		90.2 (11)		4.0 (58)
O'Brien		77.3 (11)		25.2 (10)		*		19.3 (11)		5.9 (18)		91.5 (7)		10.7 (85)
Osceola		*		*		*		*		*		85.8 (39)		15.4 (90)
Page		59.5 (63)		14.6 (42)		*		20.3 (9)		7.9 (7)		80.4 (67)		3.9 (55)
Palo Alto		76.0 (15)		*		*		*		*		85.6 (40)		10.8 (86)
Plymouth		79.7 (5)		27.0 (6)		15.4 (12)		26.0 (2)		6.1 (15)		90.7 (8)		1.4 (8)
Pocahontas		*		*		*		*		*		86.8 (32)		13.9 (89)
Polk		77.0 (13)		27.0 (6)		18.6 (6)		9.1 (43)		2.7 (39)		82.3 (59)		2.8 (36)
Pottawatta		73.2 (21)		21.1 (21)		14.9 (14)		17.1 (23)		8.0 (4)		81.2 (65)		1.4 (8)
Poweshiek		71.6 (26)		20.2 (25)		13.5 (19)		*		4.7 (25)		88.9 (19)		4.3 (64)
Ringgold		*		*		*		*		*		*		3.4 (45)
Sac		*		*		*		*		*		92.0 (5)		4.9 (73)
Scott		61.4 (62)		18.7 (27)		9.2 (33)		11.5 (40)		4.2 (30)		75.6 (74)		5.5 (77)
Shelby		70.0 (32)		*		*		*		*		*		3.5 (48)

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WIC PNSS & PedNSS

Table 7B

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Combined 3 Years

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Sioux		79.6 (6)		33.1 (3)		16.7 (10)		23.6 (4)		11.9 (1)		90.0 (14)		1.2 (5)
Story		77.8 (10)		39.1 (2)		28.0 (2)		28.3 (1)		7.6 (9)		84.3 (49)		2.1 (21)
Tama		68.8 (40)		24.7 (11)		12.2 (24)		20.5 (8)		7.3 (11)		81.4 (63)		2.4 (27)
Taylor		*		*		*		*		*		*		1.8 (13)
Union		63.1 (60)		21.0 (22)		14.5 (16)		17.3 (22)		6.2 (14)		79.0 (70)		4.2 (61)
Van Buren		*		*		*		*		*		*		*
Wapello		71.3 (27)		21.4 (19)		14.0 (17)		17.8 (18)		5.0 (24)		88.5 (20)		5.1 (76)
Warren		76.1 (14)		24.3 (12)		18.5 (7)		21.3 (7)		8.0 (4)		87.7 (24)		3.3 (42)
Washington		73.8 (19)		*		*		*		*		*		3.4 (45)
Wayne		*		*		*		*		*		81.7 (61)		8.4 (81)
Webster		70.0 (32)		17.8 (31)		10.3 (30)		17.0 (24)		4.5 (27)		89.2 (18)		4.4 (66)
Winnebago		66.9 (46)		*		*		*		*		84.7 (47)		2.0 (18)
Winneshiek		*		*		*		*		*		93.1 (4)		12.7 (87)
Woodbury		69.3 (36)		17.7 (32)		11.7 (26)		12.0 (38)		3.7 (36)		83.3 (54)		2.0 (18)

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Combined 3 Years

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)

County	Breastfeeding (6)		Breastfeeding (6)		Exclusive Breastfeeding (7)		Exclusive Breastfeeding (7)		≤ 2 Hours TV Viewing/Day (8)		Smoking in Household			
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)		
Worth		*		*		*		*		*		0.8 (4)		
Wright		70.9 (28)		21.3 (20)		15.3 (13)		12.2 (37)		1.6 (44)		90.0 (14)		2.6 (31)
Iowa		70.3		22.9		15.8		14.9		5.2		84.6		3.6

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