

# WIC PNSS & PedNSS

## Table 4B

### 2019 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	83.5	4.7	8.2	0.6	0.6	2.4	0.0
Adams	96.8	1.6	1.6	0.0	0.0	0.0	0.0
Allamakee	49.0	7.1	41.9	0.0	0.0	2.0	0.0
Appanoose	88.4	2.0	8.2	0.0	0.0	1.4	0.0
Audubon	87.1	2.4	5.9	0.0	2.4	2.4	0.0
Benton	87.4	0.4	6.9	0.0	0.0	5.3	0.0
Blackhawk	43.1	26.5	11.6	0.0	4.3	14.3	0.1
Boone	84.6	4.3	6.4	0.0	0.0	4.8	0.0
Bremer	85.9	3.0	3.0	0.0	1.0	7.0	0.0
Buchanan	91.6	1.3	3.6	0.0	0.0	3.6	0.0
Buena Vist	15.5	5.4	56.9	0.0	11.7	10.4	0.0
Butler	88.5	1.5	4.6	0.0	0.0	5.3	0.0
Calhoun	89.4	0.0	8.0	0.0	0.0	2.7	0.0
Carroll	79.1	5.2	12.5	0.2	0.2	2.8	0.0
Cass	81.7	0.4	12.9	0.0	0.4	4.5	0.0
Cedar	87.3	0.0	7.3	0.0	0.0	5.5	0.0
Cerro Gord	67.7	6.0	15.1	0.5	0.8	9.9	0.0
Cherokee	76.8	1.9	16.6	1.4	0.9	2.4	0.0
Chickasaw	74.6	0.0	19.8	0.0	0.0	5.6	0.0
Clarke	58.2	0.4	37.9	0.7	1.1	1.8	0.0
Clay	78.0	2.0	16.3	0.0	0.9	2.9	0.0

(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.

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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	87.9	0.5	7.1	0.0	0.0	4.4	0.0
Clinton	66.2	8.7	13.6	0.0	0.2	11.2	0.0
Crawford	26.8	5.2	61.7	0.5	4.6	1.2	0.0
Dallas	57.9	7.1	29.2	0.1	1.6	4.1	0.0
Davis	91.3	2.2	6.5	0.0	0.0	0.0	0.0
Decatur	86.6	0.6	7.9	0.0	0.6	4.3	0.0
Delaware	85.3	4.3	4.3	0.0	0.0	6.0	0.0
Des Moines	63.1	19.6	5.8	0.0	0.4	11.2	0.0
Dickinson	83.2	1.8	12.6	0.0	0.0	2.4	0.0
Dubuque	65.0	16.5	8.5	0.2	0.9	8.8	0.0
Emmet	57.1	3.3	37.6	0.0	0.0	2.0	0.0
Fayette	86.6	0.0	9.3	0.0	0.0	4.1	0.0
Floyd	70.9	10.3	10.9	0.3	3.8	3.8	0.0
Franklin	37.1	0.4	60.6	0.4	0.0	1.5	0.0
Fremont	93.5	0.0	6.5	0.0	0.0	0.0	0.0
Greene	81.3	1.5	12.7	0.7	0.7	3.0	0.0
Grundy	94.1	2.4	0.0	0.0	0.0	3.5	0.0
Guthrie	74.8	3.5	19.6	0.0	0.0	2.1	0.0
Hamilton	52.2	1.6	37.9	0.3	3.8	4.1	0.0
Hancock	65.7	4.4	25.5	0.0	0.0	4.4	0.0
Hardin	76.4	2.2	16.3	0.0	0.0	5.1	0.0

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(4) Prenatal program participation

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## Table 4B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Racial and Ethnic Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Multiple Races	All Other/Unknown
	%	%	%	%	%	%	%
Harrison	82.6	2.4	12.0	0.0	0.0	3.0	0.0
Henry	78.1	3.8	14.6	0.0	0.3	3.2	0.0
Howard	89.2	0.6	9.5	0.0	0.0	0.6	0.0
Humboldt	74.1	1.4	24.5	0.0	0.0	0.0	0.0
Ida	81.0	0.8	16.7	0.0	0.0	1.6	0.0
Iowa	69.9	0.0	23.3	0.0	0.0	6.8	0.0
Jackson	78.2	6.6	4.6	0.5	0.0	10.2	0.0
Jasper	82.7	5.2	7.1	0.2	1.2	3.4	0.2
Jefferson	82.8	3.1	6.3	0.0	1.6	6.3	0.0
Johnson	29.0	46.0	17.8	0.3	1.3	5.6	0.1
Jones	86.5	3.9	4.8	0.0	0.5	4.3	0.0
Keokuk	97.2	0.0	0.0	0.0	0.0	2.8	0.0
Kossuth	73.3	1.2	21.1	0.8	0.4	3.2	0.0
Lee	82.6	6.1	5.1	0.0	0.3	5.8	0.0
Linn	47.1	29.2	9.7	0.1	1.5	12.4	0.1
Louisa	13.0	0.0	45.5	1.3	39.0	1.3	0.0
Lucas	90.6	0.6	6.9	0.0	0.0	1.9	0.0
Lyon	74.8	0.0	14.4	1.8	0.0	9.0	0.0
Madison	85.9	1.3	8.7	0.0	0.7	3.4	0.0
Mahaska	80.4	7.2	7.5	0.0	0.0	4.9	0.0
Marion	89.7	2.6	4.1	0.3	0.3	2.9	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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# WIC PNSS & PedNSS

## Table 4B

### 2019 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	37.0	3.6	48.5	0.6	8.6	1.7	0.0
Mills	87.6	0.0	10.6	0.0	0.0	1.8	0.0
Mitchell	88.3	0.6	8.8	0.0	0.0	2.3	0.0
Monona	85.8	0.7	8.5	2.8	0.0	2.1	0.0
Monroe	90.7	1.9	4.7	0.0	0.0	2.8	0.0
Montgomery	85.8	0.0	11.3	0.4	0.0	2.5	0.0
Muscatine	48.4	8.7	39.6	0.0	1.9	1.5	0.0
O Brien	65.0	3.3	28.5	0.0	0.0	3.3	0.0
Osceola	47.7	2.3	43.0	0.0	1.2	5.8	0.0
Page	88.5	0.9	9.3	0.0	0.0	1.2	0.0
Palo Alto	82.3	4.4	11.5	0.0	0.0	1.8	0.0
Plymouth	60.3	4.0	31.0	0.7	0.3	3.7	0.0
Pocahontas	77.2	12.3	7.0	0.0	0.0	3.5	0.0
Polk	34.6	22.4	26.5	0.2	9.9	6.4	0.0
Pottawatta	66.3	3.1	21.0	0.4	0.3	8.9	0.0
Poweshiek	82.8	3.1	12.5	0.0	0.5	1.0	0.0
Ringgold	89.7	0.0	10.3	0.0	0.0	0.0	0.0
Sac	91.8	0.0	8.2	0.0	0.0	0.0	0.0
Scott	43.7	23.9	15.2	0.6	1.3	15.1	0.1
Shelby	78.2	1.6	15.4	0.0	0.0	4.8	0.0
Sioux	40.0	0.4	57.2	0.2	0.4	1.8	0.0

(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

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# WIC PNSS & PedNSS

## Table 4B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Racial and Ethnic Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Story	60.9	9.3	16.0	0.3	5.4	8.1	0.0
Tama	46.2	0.0	36.9	13.3	0.0	3.6	0.0
Taylor	64.7	0.0	33.6	0.0	0.0	1.7	0.0
Union	84.5	1.1	10.5	0.3	0.3	3.3	0.0
Van Buren	96.2	0.0	1.9	0.0	0.0	1.9	0.0
Wapello	67.4	8.5	16.8	0.0	1.7	5.8	0.0
Warren	82.2	3.8	7.2	0.2	0.2	6.4	0.0
Washington	64.2	1.4	31.1	0.0	0.0	3.3	0.0
Wayne	93.3	0.0	3.3	0.0	3.3	0.0	0.0
Webster	60.8	7.6	16.6	0.2	0.2	14.2	0.3
Winnebago	74.7	1.4	16.3	0.0	0.0	7.7	0.0
Winneshiek	77.2	0.6	21.5	0.0	0.6	0.0	0.0
Woodbury	31.1	13.0	41.5	3.4	1.5	9.4	0.1
Worth	80.6	3.0	13.4	0.0	1.5	1.5	0.0
Wright	31.5	0.0	66.8	0.0	0.0	1.8	0.0
<b>Iowa</b>	<b>52.8</b>	<b>14.6</b>	<b>21.4</b>	<b>0.5</b>	<b>3.2</b>	<b>7.5</b>	<b>0.0</b>
<b>National (Prior Year)</b>	<b>47.2</b>	<b>18.8</b>	<b>22.9</b>	<b>1.3</b>	<b>2.7</b>	<b>7.1</b>	<b>0.1</b>

(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

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# WIC PNSS & PedNSS

## Table 5B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Age Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Adair	39.4	17.6	42.9
Adams	41.9	21.0	37.1
Allamakee	35.4	16.4	48.2
Appanoose	45.6	19.7	34.7
Audubon	31.8	24.7	43.5
Benton	29.3	19.5	51.2
Blackhawk	39.6	19.5	40.9
Boone	28.7	27.1	44.1
Bremer	26.6	24.1	49.2
Buchanan	35.6	17.8	46.7
Buena Vist	36.5	19.6	43.9
Butler	38.9	16.8	44.3
Calhoun	28.3	16.8	54.9
Carroll	38.4	15.5	46.1
Cass	40.2	17.4	42.4
Cedar	29.1	12.7	58.2
Cerro Gord	41.8	17.0	41.2
Cherokee	37.4	18.0	44.5
Chickasaw	31.7	19.8	48.4
Clarke	42.6	18.4	39.0
Clay	38.0	20.9	41.1

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

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# WIC PNSS & PedNSS

## Table 5B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Age Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Clayton	38.5	12.6	48.9
Clinton	46.2	15.9	37.8
Crawford	38.4	18.5	43.0
Dallas	34.0	22.0	44.0
Davis	39.1	13.0	47.8
Decatur	37.8	18.9	43.3
Delaware	32.8	19.0	48.3
Des Moines	47.7	18.3	34.1
Dickinson	44.3	16.8	38.9
Dubuque	42.3	16.9	40.9
Emmet	35.1	22.0	42.9
Fayette	44.0	14.6	41.4
Floyd	40.6	15.0	44.4
Franklin	37.5	17.0	45.6
Fremont	27.4	16.1	56.5
Greene	34.3	19.4	46.3
Grundy	34.1	18.8	47.1
Guthrie	28.0	21.7	50.3
Hamilton	38.9	19.7	41.4
Hancock	41.6	16.1	42.3
Hardin	32.6	21.9	45.5

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# WIC PNSS & PedNSS

## Table 5B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Age Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Harrison	43.1	15.0	41.9
Henry	37.8	19.0	43.2
Howard	39.2	20.3	40.5
Humboldt	33.8	18.7	47.5
Ida	36.5	16.7	46.8
Iowa	38.4	19.2	42.5
Jackson	38.1	21.3	40.6
Jasper	36.1	20.6	43.3
Jefferson	35.9	15.6	48.4
Johnson	39.3	18.9	41.8
Jones	39.1	15.9	44.9
Keokuk	37.5	19.4	43.1
Kossuth	39.4	14.7	45.8
Lee	42.9	18.4	38.7
Linn	39.2	18.1	42.7
Louisa	39.0	18.2	42.9
Lucas	38.1	18.1	43.8
Lyon	26.1	17.1	56.8
Madison	36.2	26.8	36.9
Mahaska	38.5	12.8	48.7
Marion	40.0	17.7	42.4

(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 5B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Age Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Marshall	36.0	21.6	42.5
Mills	42.5	17.7	39.8
Mitchell	43.3	15.8	40.9
Monona	43.3	19.1	37.6
Monroe	36.4	17.8	45.8
Montgomery	33.5	15.9	50.6
Muscatine	41.3	20.9	37.8
O Brien	35.5	22.4	42.1
Osceola	32.6	17.4	50.0
Page	40.1	15.5	44.4
Palo Alto	35.4	21.2	43.4
Plymouth	32.0	21.3	46.7
Pocahontas	28.1	21.1	50.9
Polk	36.5	21.0	42.5
Pottawatta	38.6	20.2	41.2
Poweshiek	35.4	22.4	42.2
Ringgold	39.7	13.2	47.1
Sac	31.5	12.3	56.2
Scott	42.2	18.6	39.2
Shelby	41.5	14.9	43.6
Sioux	37.2	17.1	45.7

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(2) Analyses based on one record per child.

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# WIC PNSS & PedNSS

## Table 5B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Age Distribution by County

#### Children Aged < 5 Years <sup>(2)</sup>

County	0 - 11 Months	12 - 23 Months	24 - 59 Months
	%	%	%
Story	35.2	22.1	42.6
Tama	33.0	23.3	43.7
Taylor	31.0	16.4	52.6
Union	38.1	19.1	42.8
Van Buren	36.5	15.4	48.1
Wapello	42.5	19.8	37.7
Warren	35.7	18.0	46.3
Washington	31.6	23.6	44.8
Wayne	37.8	16.7	45.6
Webster	43.8	17.0	39.2
Winnebago	38.9	19.9	41.2
Winneshiek	36.7	19.6	43.7
Woodbury	41.0	17.5	41.5
Worth	41.8	20.9	37.3
Wright	37.8	16.4	45.8
<b>Iowa</b>	<b>38.8</b>	<b>19.1</b>	<b>42.1</b>
<b>National (Prior Year)</b>	<b>33.4</b>	<b>21.3</b>	<b>45.3</b>

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	Low		High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Overweight and Obese			Number	%
	Number	% <2500 g (Rank)	% >4000 g (Rank)				Number	% (Rank)	% (Rank)		
Adair		26.5 (99)	5.9 (33)	16.0 (99)	1.9 (49)	19.1 (95)	14.7 (24)	14.7 (34)		16.0 (91)	
Adams		0.0 (1)	12.5 (80)	8.6 (63)	0.0 (1)	19.0 (93)	30.4 (99)	13.0 (19)		19.4 (99)	
Allamakee		6.8 (35)	5.1 (26)	7.6 (44)	1.2 (23)	15.8 (69)	15.6 (37)	19.4 (84)		6.7 (34)	
Appanoose		7.3 (39)	4.9 (22)	9.8 (82)	1.4 (33)	16.8 (79)	13.7 (14)	17.6 (73)		10.6 (61)	
Audubon		0.0 (1)	0.0 (1)	4.8 (10)	0.0 (1)	13.3 (36)	14.3 (22)	7.1 (4)		1.9 (5)	
Benton		5.1 (25)	17.9 (94)	7.8 (50)	1.8 (44)	15.6 (65)	21.3 (83)	16.7 (62)		11.2 (66)	
Blackhawk		10.6 (70)	7.2 (49)	8.0 (54)	2.5 (65)	13.6 (40)	16.0 (42)	17.0 (64)		13.7 (82)	
Boone		7.1 (38)	0.0 (1)	5.1 (14)	5.1 (95)	9.0 (5)	11.5 (9)	7.7 (6)		4.1 (14)	
Bremer		12.5 (81)	4.2 (18)	6.6 (31)	2.2 (57)	15.9 (71)	14.4 (23)	14.4 (33)		13.6 (79)	
Buchanan		12.8 (85)	15.4 (90)	9.4 (78)	1.9 (49)	14.1 (49)	16.0 (42)	16.0 (55)		15.3 (88)	
Buena Vista		8.0 (42)	7.2 (49)	6.2 (24)	2.6 (68)	14.8 (55)	15.7 (38)	17.6 (73)		9.9 (58)	
Butler		25.0 (98)	12.5 (80)	10.4 (90)	1.6 (40)	11.2 (13)	17.9 (57)	14.3 (30)		7.0 (36)	
Calhoun		5.9 (31)	5.9 (33)	11.0 (91)	1.8 (44)	21.1 (97)	21.4 (84)	23.2 (96)		0.0 (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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	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
Carroll	9.9 (65)	5.9 (33)		5.8 (20)	0.7 (11)	10.2 (8)		18.4 (63)	13.0 (19)		1.7 (4)
Cass	9.5 (61)	14.3 (87)		6.4 (30)	0.5 (7)	13.7 (44)		20.2 (75)	12.4 (17)		8.8 (50)
Cedar	0.0 (1)	0.0 (1)		5.9 (21)	0.0 (1)	13.7 (44)		27.6 (97)	17.2 (65)		8.1 (42)
Cerro Gord	9.4 (60)	6.8 (45)		6.7 (34)	1.7 (42)	11.9 (20)		18.2 (60)	14.9 (41)		6.2 (30)
Cherokee	12.5 (81)	0.0 (1)		7.3 (38)	0.5 (7)	16.5 (74)		22.2 (89)	16.7 (62)		12.1 (70)
Chickasaw	11.1 (74)	5.6 (31)		8.2 (59)	1.8 (44)	13.6 (40)		16.0 (42)	16.0 (55)		13.6 (79)
Clarke	9.0 (55)	6.0 (36)		6.0 (23)	2.6 (68)	12.4 (24)		18.9 (67)	15.1 (44)		13.1 (77)
Clay	7.5 (40)	10.4 (75)		6.2 (24)	2.7 (72)	15.3 (62)		13.7 (14)	16.5 (60)		10.0 (59)
Clayton	12.9 (86)	6.5 (42)		10.2 (88)	1.1 (20)	10.7 (10)		15.2 (31)	6.3 (3)		4.3 (15)
Clinton	11.2 (75)	4.9 (22)		9.1 (69)	0.9 (16)	13.6 (40)		21.9 (88)	14.7 (34)		9.5 (54)
Crawford	8.2 (44)	5.5 (30)		7.5 (41)	1.1 (20)	18.1 (91)		18.1 (59)	18.5 (79)		14.2 (86)
Dallas	7.0 (37)	8.5 (60)		6.6 (31)	2.5 (65)	13.8 (46)		20.0 (72)	15.2 (45)		5.4 (23)
Davis	0.0 (1)	0.0 (1)		4.8 (10)	4.8 (94)	19.0 (93)		10.0 (4)	20.0 (85)		0.0 (1)
Decatur	3.2 (16)	6.5 (42)		11.0 (91)	1.3 (26)	16.9 (81)		17.4 (54)	15.9 (53)		18.6 (96)

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Delaware	15.8 (93)	5.3 (27)		5.4 (17)	6.3 (99)	10.8 (11)		18.5 (64)	11.1 (13)		8.6 (47)	
Des Moines	12.0 (77)	7.7 (54)		5.9 (21)	3.0 (76)	9.9 (7)		14.1 (19)	10.8 (12)		10.8 (63)	
Dickinson	8.9 (51)	8.9 (63)		5.6 (18)	4.3 (91)	13.0 (28)		14.8 (25)	14.8 (39)		3.2 (12)	
Dubuque	8.0 (42)	6.0 (36)		6.3 (26)	3.3 (80)	7.6 (1)		16.6 (48)	8.3 (7)		15.5 (89)	
Emmet	4.7 (23)	9.3 (67)		7.6 (44)	1.7 (42)	11.8 (19)		17.9 (57)	13.7 (27)		10.3 (60)	
Fayette	5.6 (27)	7.4 (51)		7.4 (39)	0.8 (14)	17.9 (88)		23.1 (91)	22.2 (93)		4.3 (15)	
Floyd	2.9 (14)	11.4 (78)		4.9 (13)	1.9 (49)	11.7 (17)		16.7 (49)	14.7 (34)		4.6 (18)	
Franklin	3.6 (17)	12.5 (80)		4.8 (10)	1.2 (23)	15.3 (62)		21.6 (85)	18.0 (77)		7.2 (38)	
Fremont	20.0 (97)	10.0 (73)		7.4 (39)	0.0 (1)	13.0 (28)		30.0 (98)	10.0 (9)		8.1 (42)	
Greene	15.0 (91)	10.0 (73)		11.9 (95)	1.6 (40)	16.7 (77)		12.9 (11)	17.7 (76)		4.9 (20)	
Grundy	10.0 (66)	0.0 (1)		7.9 (52)	1.3 (26)	10.5 (9)		21.2 (82)	12.1 (16)		7.9 (40)	
Guthrie	4.5 (21)	18.2 (95)		2.2 (3)	1.5 (38)	12.7 (25)		20.0 (72)	20.0 (85)		2.2 (7)	
Hamilton	10.7 (72)	5.3 (27)		9.2 (72)	2.6 (68)	15.2 (60)		19.0 (69)	14.3 (30)		5.3 (22)	
Hancock	0.0 (1)	20.8 (97)		4.6 (9)	3.8 (85)	13.1 (31)		14.0 (18)	15.8 (51)		6.3 (31)	

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	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
Hardin	14.3 (89)	7.1 (46)		9.2 (72)	2.9 (75)	15.6 (65)		15.0 (29)	17.5 (71)		14.1 (85)
Harrison	5.6 (27)	11.1 (76)		8.0 (54)	1.2 (23)	16.7 (77)		15.9 (40)	17.4 (69)		12.4 (72)
Henry	4.7 (23)	7.8 (55)		8.6 (63)	1.3 (26)	16.6 (76)		15.1 (30)	19.0 (81)		11.1 (65)
Howard	8.3 (45)	11.1 (76)		5.2 (15)	1.3 (26)	14.4 (53)		15.9 (40)	14.3 (30)		9.5 (54)
Humboldt	13.0 (87)	4.3 (19)		9.5 (81)	0.7 (11)	16.8 (79)		21.0 (80)	22.6 (95)		1.0 (3)
Ida	6.3 (33)	3.1 (16)		8.9 (68)	3.3 (80)	17.9 (88)		6.9 (1)	22.4 (94)		6.3 (31)
Iowa	0.0 (1)	14.3 (87)		9.1 (69)	6.1 (98)	13.6 (40)		13.8 (16)	13.8 (28)		2.9 (9)
Jackson	3.0 (15)	6.1 (39)		7.2 (37)	1.5 (38)	13.3 (36)		15.2 (31)	16.5 (60)		5.8 (27)
Jasper	5.1 (25)	13.1 (84)		8.5 (61)	2.5 (65)	15.3 (62)		18.8 (66)	15.0 (42)		11.9 (67)
Jefferson	4.5 (21)	13.6 (86)		6.6 (31)	4.1 (89)	16.5 (74)		8.6 (3)	17.2 (65)		4.8 (19)
Johnson	16.4 (95)	7.6 (52)		7.5 (41)	4.4 (92)	11.9 (20)		14.9 (27)	12.5 (18)		10.6 (61)
Jones	2.3 (12)	4.5 (20)		3.5 (6)	2.0 (55)	12.1 (22)		17.0 (50)	19.3 (83)		16.0 (91)
Keokuk	16.7 (96)	0.0 (1)		2.8 (5)	2.8 (74)	11.3 (15)		20.7 (78)	13.8 (28)		2.1 (6)
Kossuth	10.7 (72)	16.1 (92)		6.9 (35)	0.8 (14)	14.7 (54)		23.1 (91)	21.2 (89)		5.0 (21)

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Lee	10.4 (68)	6.0 (36)		9.1 (69)	2.3 (61)	14.8 (55)		17.2 (52)	17.6 (73)		9.6 (56)	
Linn	9.6 (63)	7.9 (56)		7.7 (47)	1.4 (33)	13.2 (34)		17.6 (56)	13.3 (23)		15.5 (89)	
Louisa	9.5 (61)	4.8 (21)		2.7 (4)	1.4 (33)	19.2 (96)		12.1 (10)	21.2 (89)		7.9 (40)	
Lucas	8.8 (50)	14.7 (89)		5.2 (15)	5.8 (96)	7.8 (2)		18.3 (61)	8.5 (8)		12.0 (68)	
Lyon	6.3 (33)	0.0 (1)		12.8 (96)	0.9 (16)	8.3 (4)		8.5 (2)	5.1 (2)		6.3 (31)	
Madison	10.0 (66)	6.7 (44)		10.1 (87)	2.2 (57)	17.4 (85)		11.1 (7)	14.8 (39)		8.6 (47)	
Mahaska	5.9 (31)	9.8 (68)		9.9 (83)	3.2 (78)	13.1 (31)		20.2 (75)	15.8 (51)		7.1 (37)	
Marion	12.6 (84)	9.8 (68)		11.3 (94)	3.9 (86)	12.9 (27)		14.2 (20)	16.4 (58)		16.4 (93)	
Marshall	7.9 (41)	8.2 (58)		4.3 (8)	3.6 (84)	14.1 (49)		13.9 (17)	13.1 (22)		12.0 (68)	
Mills	12.0 (77)	0.0 (1)		6.3 (26)	4.5 (93)	18.0 (90)		15.2 (31)	17.4 (69)		8.3 (45)	
Mitchell	8.3 (45)	2.8 (15)		8.1 (57)	1.9 (49)	13.1 (31)		15.4 (34)	15.4 (47)		12.5 (73)	
Monona	11.5 (76)	3.8 (17)		7.5 (41)	2.2 (57)	12.7 (25)		22.2 (89)	13.0 (19)		8.4 (46)	
Monroe	15.8 (93)	0.0 (1)		2.0 (1)	4.0 (87)	9.1 (6)		27.3 (96)	15.9 (53)		19.0 (98)	
Montgomery	5.7 (29)	8.6 (61)		9.3 (76)	3.0 (76)	12.3 (23)		11.0 (6)	7.6 (5)		12.5 (73)	

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Muscatine	8.9 (51)	8.9 (63)		7.7 (47)	1.3 (26)	15.1 (58)		19.6 (71)	19.1 (82)		14.7 (87)	
O'Brien	12.5 (81)	6.3 (41)		7.8 (50)	2.4 (63)	15.6 (65)		17.3 (53)	21.0 (88)		12.6 (75)	
Osceola	0.0 (1)	15.8 (91)		6.3 (26)	1.3 (26)	17.5 (87)		18.9 (67)	13.5 (24)		13.2 (78)	
Page	5.7 (29)	7.1 (46)		9.4 (78)	2.3 (61)	11.0 (12)		14.8 (25)	11.1 (13)		12.8 (76)	
Palo Alto	15.0 (91)	0.0 (1)		8.3 (60)	1.9 (49)	14.8 (55)		11.4 (8)	13.6 (25)		11.0 (64)	
Plymouth	8.3 (45)	5.0 (25)		9.4 (78)	1.0 (19)	17.0 (82)		15.7 (38)	16.4 (58)		8.6 (47)	
Pocahontas	9.1 (56)	0.0 (1)		14.3 (97)	1.8 (44)	21.4 (98)		24.1 (93)	24.1 (97)		5.4 (23)	
Polk	10.4 (68)	7.1 (46)		7.7 (47)	1.4 (33)	13.3 (36)		17.5 (55)	14.7 (34)		6.8 (35)	
Pottawatta	10.6 (70)	8.1 (57)		9.2 (72)	2.2 (57)	13.9 (47)		19.2 (70)	15.3 (46)		13.6 (79)	
Poweshiek	0.0 (1)	5.4 (29)		9.2 (72)	2.7 (72)	13.0 (28)		26.3 (95)	10.0 (9)		18.8 (97)	
Ringgold	0.0 (1)	0.0 (1)		14.3 (97)	0.0 (1)	14.3 (52)		24.1 (93)	17.2 (65)		9.1 (51)	
Sac	8.3 (45)	0.0 (1)		8.6 (63)	0.0 (1)	17.1 (83)		21.6 (85)	21.6 (91)		2.4 (8)	
Scott	12.4 (80)	9.0 (65)		8.0 (54)	1.9 (49)	11.2 (13)		16.0 (42)	14.7 (34)		13.8 (84)	
Shelby	2.4 (13)	4.9 (22)		8.7 (67)	0.5 (7)	15.8 (69)		20.5 (77)	13.6 (25)		6.0 (28)	

(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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Sioux	9.2 (57)	9.8 (68)		8.6 (63)	1.1 (20)	18.1 (91)		16.4 (47)	17.2 (65)		9.3 (52)	
Story	9.8 (64)	9.8 (68)		7.9 (52)	4.0 (87)	11.7 (17)		13.4 (13)	11.5 (15)		12.1 (70)	
Tama	3.9 (18)	9.8 (68)		5.6 (18)	2.6 (68)	15.2 (60)		20.0 (72)	17.5 (71)		7.4 (39)	
Taylor	4.0 (19)	12.0 (79)		10.2 (88)	0.9 (16)	15.7 (68)		15.4 (34)	15.4 (47)		16.7 (94)	
Union	9.2 (57)	5.7 (32)		10.0 (85)	2.1 (56)	17.4 (85)		14.2 (20)	22.0 (92)		9.7 (57)	
Van Buren	0.0 (1)	27.3 (99)		2.0 (1)	4.1 (89)	24.5 (99)		16.0 (42)	36.0 (99)		3.1 (10)	
Wapello	8.9 (51)	7.6 (52)		8.1 (57)	2.4 (63)	13.3 (36)		17.0 (50)	15.0 (42)		6.1 (29)	
Warren	12.0 (77)	9.0 (65)		11.2 (93)	3.5 (83)	13.2 (34)		20.8 (79)	15.4 (47)		13.7 (82)	
Washington	8.3 (45)	8.3 (59)		4.0 (7)	0.5 (7)	11.5 (16)		15.4 (34)	15.4 (47)		5.6 (26)	
Wayne	13.6 (88)	22.7 (98)		7.0 (36)	5.8 (96)	15.1 (58)		10.8 (5)	29.7 (98)		18.0 (95)	
Webster	9.2 (57)	8.8 (62)		9.3 (76)	1.8 (44)	16.0 (72)		21.1 (81)	18.5 (79)		3.6 (13)	
Winnebago	4.2 (20)	12.5 (80)		8.5 (61)	1.4 (33)	14.2 (51)		21.8 (87)	10.3 (11)		5.4 (23)	
Winneshiek	14.7 (90)	17.6 (93)		9.9 (83)	0.7 (11)	16.4 (73)		14.9 (27)	20.9 (87)		4.4 (17)	
Woodbury	6.9 (36)	6.2 (40)		7.6 (44)	1.3 (26)	17.1 (83)		18.3 (61)	18.1 (78)		8.1 (42)	

(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

### 2019 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 Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Worth	0.0 (1)	18.2 (95)		6.3 (26)	3.2 (78)	7.9 (3)		13.0 (12)	0.0 (1)		9.3 (52)	
Wright	8.9 (51)	13.3 (85)		10.0 (85)	3.4 (82)	13.9 (47)		18.5 (64)	16.2 (57)		3.1 (10)	
<b>Iowa</b>	<b>9.7</b>	<b>7.7</b>		<b>7.7</b>	<b>2.1</b>	<b>13.6</b>		<b>17.2</b>	<b>15.1</b>		<b>10.1</b>	
<b>National (Prior Year)</b>	<b>128,450</b>	<b>10.6</b>	<b>6.2</b>	<b>541,788</b>	<b>7.9</b>	<b>3.2</b>	<b>10.3</b>	<b>226,640</b>	<b>15.9</b>	<b>12.9</b>	<b>372,706</b>	<b>14.6</b>

(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 7B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		64.7 (74)		37.5 (17)		28.6 (13)		22.2 (37)		18.8 (6)		87.7 (32)		3.9 (71)
Adams		75.0 (29)		30.0 (29)		16.7 (48)		30.0 (18)		10.0 (34)		82.4 (60)		7.0 (80)
Allamakee		71.2 (43)		40.0 (11)		4.5 (84)		31.6 (13)		20.5 (5)		83.5 (55)		7.0 (80)
Appanoose		61.0 (84)		21.7 (64)		0.0 (85)		21.7 (40)		4.3 (64)		100.0 (1)		10.4 (85)
Audubon		70.0 (53)		15.4 (86)		12.5 (67)		11.1 (82)		0.0 (82)		90.2 (13)		1.4 (27)
Benton		71.8 (41)		25.0 (46)		26.7 (16)		21.7 (40)		10.0 (34)		58.9 (96)		3.0 (59)
Blackhawk		70.8 (48)		31.5 (28)		18.8 (39)		18.5 (48)		8.4 (41)		75.5 (85)		3.2 (61)
Boone		64.3 (78)		36.4 (22)		18.5 (42)		40.0 (4)		18.2 (7)		88.9 (20)		3.9 (71)
Bremer		66.7 (68)		18.8 (78)		8.7 (80)		13.3 (75)		0.0 (82)		87.0 (35)		2.0 (41)
Buchanan		69.2 (57)		25.0 (46)		18.8 (39)		30.4 (16)		0.0 (82)		88.2 (28)		3.8 (70)
Buena Vist		73.9 (35)		21.3 (67)		14.5 (59)		10.3 (89)		2.2 (76)		83.7 (53)		5.5 (79)
Butler		75.0 (29)		21.4 (65)		30.0 (10)		16.7 (55)		14.3 (18)		89.7 (16)		0.8 (16)
Calhoun		64.7 (74)		14.3 (89)		0.0 (85)		29.4 (20)		7.1 (46)		89.5 (19)		5.0 (73)

(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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 (50)		15.6 (84)		12.1 (72)		22.4 (36)		2.2 (76)		84.4 (48)		2.0 (41)
Cass		48.8 (97)		15.6 (84)		10.0 (77)		15.8 (63)		3.1 (74)		78.4 (77)		3.2 (61)
Cedar		42.9 (98)		37.5 (17)		25.0 (19)		14.3 (69)		25.0 (3)		75.0 (86)		7.1 (82)
Cerro Gord		63.0 (82)		22.6 (59)		20.7 (29)		15.4 (65)		9.7 (39)		91.1 (11)		2.2 (47)
Cherokee		81.3 (13)		26.1 (44)		26.3 (18)		28.0 (22)		4.3 (64)		75.7 (84)		5.1 (75)
Chickasaw		77.8 (22)		35.7 (23)		45.5 (3)		16.7 (55)		14.3 (18)		75.0 (86)		0.0 (1)
Clarke		72.7 (37)		25.0 (46)		8.7 (80)		16.7 (55)		7.1 (46)		80.0 (72)		1.5 (30)
Clay		82.1 (12)		46.8 (6)		14.3 (61)		35.1 (8)		17.0 (10)		89.6 (17)		19.6 (97)
Clayton		78.1 (21)		20.8 (70)		0.0 (85)		27.6 (24)		8.3 (42)		92.8 (9)		18.4 (96)
Clinton		65.6 (71)		25.0 (46)		16.7 (48)		19.4 (44)		8.3 (42)		87.3 (34)		2.4 (50)
Crawford		67.3 (66)		21.4 (65)		11.4 (73)		4.8 (95)		0.0 (82)		77.9 (79)		0.6 (15)
Dallas		75.7 (28)		19.0 (77)		23.4 (22)		9.0 (92)		1.2 (81)		83.3 (56)		2.0 (41)
Davis		70.0 (53)		50.0 (2)		0.0 (85)		66.7 (1)		50.0 (1)		100.0 (1)		0.0 (1)

(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		67.7 (64)	20.0 (71)	45.5 (3)	9.5 (91)	0.0 (82)	89.8 (15)	1.6 (33)				
Delaware		36.8 (99)	9.1 (94)	0.0 (85)	15.4 (65)	0.0 (82)	98.1 (4)	0.0 (1)				
Des Moines		57.5 (86)	19.8 (76)	17.8 (44)	16.1 (61)	5.4 (56)	78.2 (78)	3.5 (68)				
Dickinson		71.1 (45)	38.9 (15)	11.1 (74)	31.6 (13)	17.6 (9)	88.3 (27)	13.9 (89)				
Dubuque		50.2 (94)	16.6 (83)	10.5 (75)	16.2 (60)	2.1 (78)	97.5 (5)	0.1 (14)				
Emmet		67.4 (65)	28.0 (36)	15.0 (57)	22.2 (37)	4.0 (71)	84.2 (49)	14.2 (90)				
Fayette		72.2 (39)	23.1 (57)	6.7 (83)	16.0 (62)	10.3 (32)	82.9 (59)	20.9 (98)				
Floyd		65.7 (70)	22.2 (60)	16.7 (48)	22.0 (39)	4.4 (63)	93.1 (7)	1.2 (20)				
Franklin		65.5 (72)	40.0 (11)	15.4 (56)	23.3 (33)	10.0 (34)	88.0 (29)	1.6 (33)				
Fremont		90.0 (1)	33.3 (24)	20.0 (30)	40.0 (4)	33.3 (2)	61.5 (95)	0.0 (1)				
Greene		81.0 (15)	6.7 (96)	23.1 (23)	10.5 (87)	0.0 (82)	83.1 (58)	2.8 (55)				
Grundy		70.0 (53)	33.3 (24)	10.0 (77)	10.0 (90)	11.1 (28)	77.8 (80)	1.4 (27)				
Guthrie		72.7 (37)	20.0 (71)	13.3 (63)	14.3 (69)	0.0 (82)	75.0 (86)	1.7 (37)				

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

# WIC PNSS & PedNSS

## Table 7B

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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)		
Hamilton		77.3 (24)		22.7 (58)		14.8 (58)		7.9 (93)		2.3 (75)		80.3 (70)		3.7 (69)
Hancock		62.5 (83)		20.0 (71)		12.5 (67)		19.0 (45)		15.0 (16)		87.9 (30)		1.5 (30)
Hardin		60.7 (85)		44.4 (8)		9.5 (79)		47.6 (2)		14.8 (17)		88.7 (24)		2.3 (48)
Harrison		77.8 (22)		18.2 (80)		57.1 (1)		30.8 (15)		18.2 (7)		85.0 (39)		0.0 (1)
Henry		69.2 (57)		40.0 (11)		16.1 (53)		29.7 (19)		10.0 (34)		86.3 (36)		3.2 (61)
Howard		83.3 (9)		22.2 (60)		26.7 (16)		23.1 (34)		5.6 (55)		85.0 (39)		17.4 (93)
Humboldt		78.3 (19)		17.6 (81)		23.1 (23)		26.7 (29)		11.8 (24)		85.2 (37)		3.4 (67)
Ida		84.4 (6)		25.0 (46)		22.2 (26)		33.3 (9)		12.5 (22)		92.9 (8)		1.8 (40)
Iowa		71.4 (42)		37.5 (17)		50.0 (2)		0.0 (96)		0.0 (82)		75.0 (86)		0.0 (1)
Jackson		51.5 (93)		15.0 (87)		0.0 (85)		5.6 (94)		5.0 (59)		82.0 (61)		2.3 (48)
Jasper		75.0 (29)		26.2 (43)		12.8 (66)		13.7 (74)		4.9 (61)		83.9 (51)		1.3 (24)
Jefferson		54.5 (90)		28.6 (32)		0.0 (85)		14.3 (69)		14.3 (18)		50.0 (97)		3.3 (65)
Johnson		80.5 (16)		44.7 (7)		29.1 (12)		28.4 (21)		11.5 (26)		77.8 (80)		0.8 (16)

(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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)		
Jones		65.9 (69)		25.0 (46)		12.5 (67)		32.3 (12)		15.6 (15)		88.4 (25)		7.2 (83)
Keokuk		50.0 (95)		20.0 (71)		25.0 (19)		25.0 (30)		0.0 (82)		66.7 (94)		17.4 (93)
Kossuth		82.8 (11)		33.3 (24)		20.0 (30)		18.2 (50)		13.3 (21)		85.0 (39)		2.9 (57)
Lee		54.8 (89)		14.5 (88)		15.9 (54)		13.8 (73)		4.3 (64)		80.2 (71)		2.8 (55)
Linn		69.3 (56)		27.4 (38)		19.0 (37)		12.7 (77)		4.1 (69)		83.8 (52)		1.5 (30)
Louisa		85.7 (3)		40.0 (11)		0.0 (85)		11.1 (82)		0.0 (82)		77.1 (83)		0.0 (1)
Lucas		70.6 (50)		5.3 (98)		12.5 (67)		15.4 (65)		5.3 (58)		84.6 (45)		0.0 (1)
Lyon		64.7 (74)		50.0 (2)		12.5 (67)		11.1 (82)		0.0 (82)		85.0 (39)		1.0 (18)
Madison		73.3 (36)		23.5 (55)		20.0 (30)		27.8 (23)		0.0 (82)		74.3 (91)		2.0 (41)
Mahaska		54.9 (88)		21.9 (63)		27.3 (14)		18.5 (48)		6.3 (53)		100.0 (1)		2.4 (50)
Marion		67.8 (63)		25.0 (46)		17.5 (46)		17.2 (54)		8.8 (40)		79.3 (75)		5.1 (75)
Marshall		74.0 (34)		22.1 (62)		10.5 (75)		17.7 (52)		1.8 (80)		80.5 (69)		2.0 (41)
Mills		68.0 (60)		26.7 (41)		20.0 (30)		0.0 (96)		6.7 (51)		88.9 (20)		0.0 (1)

(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		70.3 (52)		26.9 (40)		16.7 (48)		42.3 (3)		11.5 (26)		91.4 (10)		1.2 (20)
Monona		64.3 (78)		6.7 (96)		33.3 (6)		35.3 (7)		0.0 (82)		46.7 (98)		2.0 (41)
Monroe		50.0 (95)		7.7 (95)		0.0 (85)		18.2 (50)		0.0 (82)		73.7 (92)		12.9 (87)
Montgomery		74.3 (32)		12.0 (91)		18.8 (39)		16.7 (55)		4.0 (71)		88.4 (25)		0.0 (1)
Muscatine		76.1 (26)		20.0 (71)		13.2 (64)		14.0 (72)		1.9 (79)		82.0 (61)		2.6 (52)
O Brien		85.4 (4)		29.6 (30)		25.0 (19)		14.8 (68)		11.1 (28)		88.9 (20)		18.0 (95)
Osceola		84.2 (7)		0.0 (99)		0.0 (85)		0.0 (96)		0.0 (82)		90.9 (12)		25.6 (99)
Page		74.3 (32)		28.0 (36)		8.7 (80)		11.4 (80)		12.0 (23)		79.2 (76)		2.6 (52)
Palo Alto		85.0 (5)		28.6 (32)		16.7 (48)		23.1 (34)		7.1 (46)		88.9 (20)		15.1 (92)
Plymouth		87.1 (2)		36.8 (21)		21.4 (28)		13.0 (76)		15.8 (13)		74.8 (90)		0.0 (1)
Pocahontas		63.6 (81)		14.3 (89)		20.0 (30)		0.0 (96)		0.0 (82)		77.8 (80)		5.0 (73)
Polk		75.8 (27)		27.3 (39)		18.9 (38)		10.9 (86)		4.1 (69)		80.0 (72)		1.6 (33)
Pottawatta		72.2 (39)		24.6 (54)		18.3 (43)		21.1 (42)		10.2 (33)		81.7 (64)		1.3 (24)

(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		64.1 (80)	29.6 (30)	17.4 (47)	12.5 (78)	11.1 (28)	81.4 (67)	3.3 (65)				
Ringgold		56.3 (87)	25.0 (46)	20.0 (30)	27.3 (26)	0.0 (82)	84.6 (45)	0.0 (1)				
Sac		83.3 (9)	50.0 (2)	33.3 (6)	27.3 (26)	16.7 (11)	90.2 (13)	13.1 (88)				
Scott		68.0 (60)	18.6 (79)	14.4 (60)	11.4 (80)	4.2 (68)	71.0 (93)	5.3 (77)				
Shelby		70.7 (49)	10.0 (92)	0.0 (85)	26.9 (28)	5.0 (59)	85.2 (37)	1.7 (37)				
Sioux		84.2 (7)	26.3 (42)	26.8 (15)	27.5 (25)	10.7 (31)	85.0 (39)	1.2 (20)				
Story		80.1 (17)	37.5 (17)	29.3 (11)	30.2 (17)	6.6 (52)	81.4 (67)	1.3 (24)				
Tama		76.5 (25)	28.1 (35)	13.8 (62)	20.8 (43)	6.3 (53)	84.8 (44)	3.2 (61)				
Taylor		68.0 (60)	10.0 (92)	0.0 (85)	25.0 (30)	10.0 (34)	83.7 (53)	1.2 (20)				
Union		78.2 (20)	25.6 (45)	12.9 (65)	18.9 (46)	7.9 (44)	81.5 (66)	5.4 (78)				
Van Buren		54.5 (90)	50.0 (2)	0.0 (85)	33.3 (9)	16.7 (11)	0.0 (99)	0.0 (1)				
Wapello		71.2 (43)	23.5 (55)	19.4 (36)	17.4 (53)	5.4 (56)	83.3 (56)	1.6 (33)				
Warren		71.0 (47)	38.6 (16)	32.5 (8)	36.4 (6)	7.0 (50)	84.6 (45)	2.9 (57)				

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

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(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.

\* 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

### 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		81.3 (13)		41.2 (10)		30.4 (9)		16.7 (55)		11.8 (24)		84.2 (49)		7.3 (84)
Wayne		68.2 (59)		41.7 (9)		0.0 (85)		33.3 (9)		25.0 (3)		87.9 (30)		10.4 (85)
Webster		64.9 (73)		16.8 (82)		15.5 (55)		15.5 (64)		4.7 (62)		82.0 (61)		3.1 (60)
Winnebago		64.6 (77)		33.3 (24)		0.0 (85)		24.3 (32)		7.4 (45)		89.6 (17)		1.4 (27)
Winneshiek		79.4 (18)		52.6 (1)		35.7 (5)		18.8 (47)		15.8 (13)		94.1 (6)		14.6 (91)
Woodbury		67.3 (66)		21.3 (67)		17.8 (44)		10.5 (87)		3.4 (73)		79.5 (74)		1.0 (18)
Worth		54.5 (90)		28.6 (32)		22.2 (26)		11.1 (82)		7.1 (46)		87.5 (33)		1.7 (37)
Wright		71.1 (45)		21.3 (67)		22.7 (25)		11.8 (79)		4.3 (64)		81.6 (65)		2.7 (54)
<b>Iowa</b>		<b>71.0</b>		<b>25.8</b>		<b>18.1</b>		<b>16.6</b>		<b>6.0</b>		<b>82.9</b>		<b>2.9</b>
<b>National (Prior Year)</b>	<b>128,559</b>	<b>73.5</b>	<b>77,021</b>	<b>36.7</b>	<b>74,114</b>	<b>28.0</b>	<b>53,648</b>	<b>18.1</b>	<b>62,388</b>	<b>7.9</b>	<b>227,134</b>	<b>81.4</b>	<b>510,665</b>	<b>3.3</b>

(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.

\* 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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	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
Adair	16.9 (99)	7.2 (36)		10.1 (88)	2.4 (55)	16.4 (85)		12.1 (3)	12.6 (21)		15.7 (90)
Adams	5.3 (11)	10.5 (76)		9.9 (85)	2.7 (69)	13.7 (49)		19.1 (69)	9.0 (4)		15.2 (87)
Allamakee	7.2 (33)	5.4 (19)		7.0 (33)	2.0 (41)	15.2 (72)		14.6 (13)	18.9 (88)		8.7 (50)
Appanoose	11.3 (88)	5.2 (18)		10.3 (91)	2.5 (65)	17.5 (90)		14.8 (17)	21.3 (96)		9.9 (59)
Audubon	6.5 (20)	4.3 (7)		5.6 (14)	0.0 (1)	13.7 (49)		21.2 (91)	14.2 (38)		4.1 (3)
Benton	6.5 (20)	13.9 (95)		8.2 (66)	2.9 (73)	13.1 (40)		22.2 (95)	14.8 (45)		8.9 (51)
Blackhawk	9.3 (73)	7.3 (37)		7.6 (51)	3.2 (81)	12.3 (25)		15.7 (28)	15.0 (47)		12.3 (76)
Boone	9.2 (71)	9.2 (66)		6.1 (18)	4.4 (96)	8.4 (3)		14.9 (19)	10.2 (10)		13.1 (80)
Bremer	12.2 (92)	8.5 (59)		8.0 (62)	1.9 (34)	14.8 (68)		19.0 (67)	12.4 (18)		11.3 (68)
Buchanan	9.9 (79)	10.7 (78)		8.4 (69)	3.4 (83)	12.9 (35)		20.3 (84)	14.5 (42)		11.7 (71)
Buena Vista	7.0 (28)	6.9 (30)		6.3 (25)	2.7 (69)	13.9 (55)		14.9 (19)	14.7 (44)		7.5 (33)
Butler	14.9 (97)	8.0 (49)		8.0 (62)	2.1 (44)	11.0 (11)		20.5 (87)	15.2 (51)		6.6 (23)
Calhoun	13.2 (95)	13.2 (90)		7.7 (53)	0.6 (3)	17.6 (91)		18.5 (59)	19.2 (90)		2.4 (1)
Carroll	8.9 (63)	7.1 (35)		6.2 (19)	0.8 (5)	13.1 (40)		18.7 (62)	17.7 (78)		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.

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	Low		High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Overweight and Obese			Number	%
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)		
Cass	10.3 (82)	11.5 (86)		7.4 (45)	0.7 (4)	15.3 (74)	19.9 (79)	15.4 (54)		9.2 (53)	
Cedar	0.0 (1)	4.5 (9)		3.8 (2)	1.9 (34)	14.5 (63)	32.5 (99)	15.6 (57)		6.9 (26)	
Cerro Gord	7.5 (37)	8.4 (57)		7.1 (36)	2.3 (53)	12.3 (25)	19.7 (76)	16.1 (63)		7.2 (31)	
Cherokee	9.2 (71)	4.9 (16)		6.3 (25)	0.9 (8)	17.6 (91)	20.8 (90)	18.7 (86)		8.0 (40)	
Chickasaw	8.8 (60)	8.8 (65)		7.2 (39)	2.2 (49)	15.0 (69)	18.1 (52)	13.9 (36)		8.2 (43)	
Clarke	13.1 (94)	7.7 (43)		7.0 (33)	2.9 (73)	13.6 (47)	18.7 (62)	15.2 (51)		14.0 (84)	
Clay	7.5 (37)	6.7 (29)		7.8 (55)	1.9 (34)	12.6 (30)	13.5 (4)	12.6 (21)		6.6 (23)	
Clayton	10.8 (85)	7.7 (43)		7.0 (33)	1.2 (15)	11.2 (13)	20.4 (85)	10.6 (13)		5.4 (12)	
Clinton	12.2 (92)	7.5 (40)		9.0 (76)	1.1 (11)	14.2 (56)	21.2 (91)	15.5 (55)		10.8 (63)	
Crawford	8.3 (50)	6.0 (22)		7.8 (55)	1.5 (21)	18.3 (96)	18.4 (56)	20.7 (94)		13.5 (83)	
Dallas	8.1 (49)	8.1 (52)		6.5 (28)	1.9 (34)	13.7 (49)	18.1 (52)	16.9 (70)		7.7 (35)	
Davis	9.1 (68)	0.0 (1)		6.6 (29)	3.7 (90)	13.2 (43)	23.5 (98)	10.3 (11)		4.2 (5)	
Decatur	4.7 (7)	6.5 (26)		11.0 (96)	2.0 (41)	15.7 (81)	16.8 (40)	16.4 (67)		15.7 (90)	
Delaware	9.1 (68)	10.6 (77)		4.2 (4)	3.4 (83)	12.9 (35)	18.5 (59)	15.8 (59)		13.0 (79)	

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>	
	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
Des Moines	10.3 (82)	8.7 (63)		6.2 (19)	2.7 (69)	10.5 (6)		14.6 (13)	12.8 (23)		12.2 (74)
Dickinson	9.4 (75)	8.5 (59)		7.2 (39)	3.6 (88)	10.6 (7)		16.7 (38)	10.9 (14)		5.4 (12)
Dubuque	7.9 (43)	7.7 (43)		6.4 (27)	3.0 (76)	8.1 (2)		15.2 (23)	10.0 (8)		18.1 (98)
Emmet	6.8 (24)	9.5 (68)		8.5 (71)	3.1 (79)	12.7 (31)		19.0 (67)	16.4 (67)		7.1 (29)
Fayette	8.0 (47)	9.7 (71)		7.1 (36)	1.1 (11)	14.5 (63)		18.5 (59)	17.3 (74)		8.2 (43)
Floyd	8.5 (54)	10.8 (80)		5.1 (7)	2.4 (55)	11.6 (21)		20.6 (89)	15.2 (51)		7.2 (31)
Franklin	5.2 (10)	13.5 (94)		5.6 (14)	1.4 (20)	15.5 (78)		22.6 (97)	18.1 (80)		8.3 (46)
Fremont	4.9 (9)	4.9 (16)		10.1 (88)	1.7 (24)	12.7 (31)		20.4 (85)	8.3 (3)		9.7 (55)
Greene	8.0 (47)	8.0 (49)		8.2 (66)	1.1 (11)	18.2 (95)		19.3 (71)	19.7 (92)		5.7 (16)
Grundy	3.3 (3)	13.3 (91)		6.8 (30)	2.4 (55)	11.2 (13)		17.8 (50)	10.0 (8)		11.9 (72)
Guthrie	4.3 (6)	8.7 (63)		6.2 (19)	0.9 (8)	11.3 (17)		18.8 (66)	14.2 (38)		7.9 (39)
Hamilton	8.8 (60)	6.0 (22)		8.2 (66)	2.4 (55)	15.3 (74)		17.5 (48)	16.0 (61)		6.1 (19)
Hancock	4.7 (7)	11.6 (87)		5.2 (8)	2.3 (53)	11.4 (19)		15.7 (28)	14.0 (37)		8.4 (48)
Hardin	8.3 (50)	7.4 (38)		7.5 (47)	2.4 (55)	11.6 (21)		17.4 (46)	13.3 (27)		17.1 (96)

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Harrison	8.8 (60)	9.6 (69)		7.8 (55)	2.8 (72)	17.4 (89)		16.5 (35)	13.5 (33)		16.2 (94)	
Henry	9.0 (65)	8.5 (59)		9.3 (79)	2.1 (44)	16.0 (82)		15.6 (27)	19.3 (91)		9.4 (54)	
Howard	10.9 (86)	12.0 (89)		4.8 (6)	2.0 (41)	12.8 (34)		11.3 (2)	15.1 (49)		8.6 (49)	
Humboldt	7.9 (43)	7.9 (48)		7.9 (59)	1.8 (27)	19.0 (98)		19.5 (72)	22.1 (98)		4.8 (8)	
Ida	6.3 (18)	2.1 (2)		7.7 (53)	3.7 (90)	16.2 (83)		10.8 (1)	16.3 (66)		7.0 (27)	
Iowa	6.1 (14)	14.3 (96)		7.6 (51)	2.4 (55)	13.7 (49)		22.2 (95)	16.2 (64)		2.4 (1)	
Jackson	4.1 (5)	8.3 (54)		10.5 (92)	1.7 (24)	13.0 (38)		20.2 (82)	13.0 (25)		6.1 (19)	
Jasper	8.9 (63)	10.1 (73)		7.9 (59)	3.7 (90)	13.6 (47)		14.1 (7)	15.0 (47)		13.3 (82)	
Jefferson	6.4 (19)	10.3 (75)		8.9 (75)	2.2 (49)	17.2 (87)		14.8 (17)	18.4 (84)		7.0 (27)	
Johnson	16.1 (98)	6.6 (28)		7.5 (47)	3.3 (82)	11.0 (11)		15.7 (28)	12.4 (18)		9.8 (56)	
Jones	7.1 (30)	6.3 (25)		5.2 (8)	1.8 (27)	11.6 (21)		13.7 (5)	17.1 (73)		14.9 (86)	
Keokuk	8.3 (50)	8.3 (54)		6.2 (19)	2.4 (55)	14.3 (59)		14.4 (11)	13.3 (27)		5.0 (10)	
Kossuth	7.7 (40)	13.3 (91)		6.8 (30)	1.5 (21)	15.3 (74)		22.0 (94)	20.3 (93)		6.0 (18)	
Lee	9.7 (77)	6.1 (24)		9.7 (84)	2.1 (44)	13.4 (44)		16.4 (33)	15.5 (55)		10.8 (63)	

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>						
	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)				
Linn	9.4	(75)	8.6	(62)	7.2	(39)	1.6	(23)	12.1	(24)	17.5	(48)	13.0	(25)	15.8	(92)
Louisa	7.7	(40)	5.8	(21)	4.0	(3)	2.4	(55)	16.7	(86)	16.7	(38)	21.9	(97)	6.6	(23)
Lucas	6.1	(14)	11.2	(83)	5.7	(16)	5.1	(99)	9.7	(4)	17.1	(43)	10.4	(12)	15.2	(87)
Lyon	7.4	(36)	7.4	(38)	9.5	(82)	0.5	(2)	10.3	(5)	13.7	(5)	7.7	(2)	5.0	(10)
Madison	5.6	(12)	4.5	(9)	7.5	(47)	4.9	(98)	14.4	(62)	15.1	(22)	14.5	(42)	11.4	(69)
Mahaska	11.4	(90)	4.3	(7)	8.1	(65)	4.3	(95)	12.4	(29)	16.5	(35)	12.9	(24)	8.0	(40)
Marion	10.1	(81)	10.1	(73)	9.1	(77)	3.0	(76)	13.5	(45)	14.5	(12)	16.0	(61)	10.1	(61)
Marshall	7.9	(43)	8.3	(54)	5.5	(12)	3.0	(76)	13.5	(45)	16.8	(40)	15.1	(49)	15.4	(89)
Mills	7.3	(34)	3.7	(5)	9.4	(80)	2.6	(66)	12.3	(25)	14.9	(19)	13.5	(33)	12.1	(73)
Mitchell	8.3	(50)	6.5	(26)	8.0	(62)	2.4	(55)	10.9	(10)	14.6	(13)	9.4	(5)	7.8	(37)
Monona	6.1	(14)	3.1	(4)	7.3	(43)	2.1	(44)	15.4	(77)	16.4	(33)	18.2	(81)	10.9	(65)
Monroe	6.8	(24)	11.0	(81)	4.3	(5)	3.4	(83)	11.3	(17)	19.9	(79)	18.4	(84)	11.1	(66)
Montgomery	10.7	(84)	10.7	(78)	9.4	(80)	2.1	(44)	12.3	(25)	14.6	(13)	9.8	(7)	13.1	(80)
Muscatine	8.6	(56)	7.8	(47)	5.7	(16)	2.6	(66)	12.7	(31)	18.7	(62)	18.3	(82)	12.6	(77)

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	Low		High	Short Stature	Under- Weight	Obese	≥ 2 Yrs Overweight and Obese			Number	%	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)			% Obese (Rank)
O'Brien	9.0 (65)	5.4 (19)		7.5 (47)	3.8 (93)	14.2 (56)	15.2 (23)	16.4 (67)			8.2 (43)	
Osceola	3.8 (4)	11.3 (84)		6.2 (19)	1.9 (34)	14.3 (59)	19.5 (72)	11.5 (17)			6.2 (22)	
Page	9.1 (68)	4.8 (14)		8.5 (71)	3.1 (79)	11.5 (20)	15.2 (23)	12.4 (18)			12.9 (78)	
Palo Alto	14.0 (96)	4.7 (12)		12.0 (99)	2.9 (73)	13.1 (40)	14.1 (7)	13.4 (29)			5.6 (15)	
Plymouth	8.7 (59)	6.9 (30)		9.6 (83)	1.7 (24)	15.6 (79)	19.8 (77)	13.6 (35)			7.1 (29)	
Pocahontas	7.1 (30)	4.8 (14)		11.6 (98)	4.4 (96)	13.8 (54)	20.2 (82)	13.4 (29)			9.9 (59)	
Polk	9.9 (79)	7.7 (43)		7.3 (43)	1.8 (27)	13.0 (38)	17.0 (42)	14.9 (46)			9.8 (56)	
Pottawatta	9.7 (77)	7.5 (40)		9.1 (77)	1.8 (27)	14.2 (56)	18.4 (56)	16.2 (64)			16.3 (95)	
Poweshiek	6.9 (26)	4.6 (11)		10.7 (94)	3.6 (88)	12.9 (35)	20.1 (81)	11.3 (15)			19.6 (99)	
Ringgold	6.1 (14)	3.0 (3)		10.9 (95)	1.1 (11)	14.7 (66)	15.9 (31)	13.4 (29)			9.8 (56)	
Sac	7.0 (28)	7.0 (33)		5.5 (12)	0.8 (5)	15.1 (70)	21.9 (93)	21.1 (95)			4.1 (3)	
Scott	11.1 (87)	7.0 (33)		8.4 (69)	1.8 (27)	11.2 (13)	16.5 (35)	14.3 (40)			14.6 (85)	
Shelby	8.5 (54)	4.2 (6)		7.4 (45)	1.3 (18)	14.3 (59)	17.4 (46)	13.4 (29)			8.3 (46)	
Sioux	7.9 (43)	9.6 (69)		8.6 (73)	1.3 (18)	17.8 (93)	17.8 (50)	17.3 (74)			8.1 (42)	

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Growth and Anemia Indicators by County

#### Children Aged < 5 Years <sup>(2)</sup>

#### Combined 3 Years

#### Comparison of Growth and Anemia Indicators <sup>(3,4)</sup>

County	Birth Weight <sup>(5)</sup>			Height and Weight <sup>(6,7)</sup>						Anemia Low Hb/Hct <sup>(8)</sup>		
	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)
Story	11.5 (91)	8.4 (57)		7.2 (39)	3.8 (93)	10.7 (8)		14.1 (7)	11.4 (16)		18.0 (97)	
Tama	8.6 (56)	11.4 (85)		5.3 (10)	3.4 (83)	14.7 (66)		20.5 (87)	17.8 (79)		10.5 (62)	
Taylor	7.5 (37)	13.4 (93)		9.9 (85)	1.2 (15)	16.3 (84)		19.5 (72)	16.9 (70)		15.8 (92)	
Union	9.3 (73)	4.7 (12)		10.6 (93)	2.2 (49)	15.6 (79)		18.2 (55)	15.6 (57)		11.1 (66)	
Van Buren	0.0 (1)	16.0 (98)		3.5 (1)	1.8 (27)	24.6 (99)		15.5 (26)	31.0 (99)		5.5 (14)	
Wapello	9.0 (65)	8.0 (49)		8.7 (74)	2.6 (66)	14.6 (65)		17.3 (44)	15.9 (60)		7.7 (35)	
Warren	11.3 (88)	11.0 (81)		11.2 (97)	2.4 (55)	15.1 (70)		17.3 (44)	17.6 (77)		11.6 (70)	
Washington	6.6 (22)	8.1 (52)		5.4 (11)	1.8 (27)	10.7 (8)		19.2 (70)	14.3 (40)		4.9 (9)	
Wayne	6.7 (23)	16.7 (99)		6.2 (19)	3.5 (87)	15.2 (72)		14.1 (7)	18.8 (87)		12.2 (74)	
Webster	7.7 (40)	7.5 (40)		10.0 (87)	1.9 (34)	17.2 (87)		19.8 (77)	18.3 (82)		4.6 (7)	
Winnebago	6.9 (26)	9.9 (72)		7.8 (55)	1.2 (15)	11.2 (13)		18.7 (62)	9.5 (6)		5.9 (17)	
Winneshiek	8.6 (56)	14.3 (96)		6.9 (32)	0.9 (8)	13.7 (49)		18.4 (56)	16.9 (70)		7.5 (33)	
Woodbury	7.1 (30)	6.9 (30)		7.9 (59)	0.8 (5)	17.8 (93)		19.6 (75)	18.9 (88)		9.0 (52)	
Worth	5.9 (13)	11.8 (88)		7.1 (36)	1.9 (34)	7.8 (1)		16.2 (32)	7.4 (1)		6.1 (19)	

(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

### 2017 - 2019 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 Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Wright	7.3 (34)	9.4 (67)		10.2 (90)	2.2 (49)	18.7 (97)		18.1 (52)	17.3 (74)		4.2 (5)	
<b>Iowa</b>	<b>9.4</b>	<b>7.8</b>		<b>7.6</b>	<b>2.2</b>	<b>2.2</b>		<b>17.3</b>	<b>16.0</b>		<b>11.2</b>	

(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

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Combined 3 Years

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		66.3 (67)		28.9 (15)		20.8 (11)		26.1 (13)		7.9 (32)		79.9 (78)		4.7 (78)
Adams		68.4 (58)		18.2 (78)		14.3 (49)		20.0 (36)		9.1 (20)		73.9 (95)		5.7 (82)
Allamakee		76.7 (20)		34.3 (7)		18.3 (24)		22.2 (27)		10.1 (17)		86.4 (38)		8.1 (86)
Appanoose		58.8 (89)		20.4 (59)		0.0 (97)		16.1 (64)		4.1 (67)		94.1 (6)		5.9 (83)
Audubon		76.1 (22)		21.2 (54)		8.3 (88)		16.0 (66)		0.0 (95)		85.0 (48)		2.5 (43)
Benton		69.4 (53)		30.5 (12)		17.5 (32)		20.6 (35)		10.2 (16)		75.5 (93)		3.1 (56)
Blackhawk		69.9 (49)		27.0 (24)		17.7 (29)		18.2 (48)		8.2 (28)		79.6 (79)		3.2 (59)
Boone		69.7 (51)		21.5 (52)		8.7 (86)		30.2 (5)		7.7 (33)		89.2 (18)		3.4 (62)
Bremer		69.9 (49)		38.2 (4)		21.9 (9)		44.0 (1)		21.8 (1)		88.6 (20)		1.1 (12)
Buchanan		64.8 (74)		17.1 (80)		11.7 (73)		20.9 (34)		1.2 (94)		83.3 (67)		4.0 (68)
Buena Vist		64.8 (74)		19.4 (65)		14.4 (48)		14.0 (78)		2.1 (90)		84.5 (55)		4.5 (77)
Butler		73.9 (28)		10.8 (95)		15.6 (42)		23.4 (21)		5.4 (52)		87.5 (26)		1.6 (20)
Calhoun		62.3 (84)		9.1 (98)		13.3 (57)		15.2 (69)		6.1 (43)		87.8 (24)		4.3 (72)

(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.

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

# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Combined 3 Years

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		71.2 (35)		15.4 (89)		9.6 (82)		16.5 (59)		2.7 (84)		84.2 (60)		2.7 (47)
Cass		61.6 (86)		21.2 (54)		17.4 (33)		17.6 (52)		5.9 (47)		77.9 (89)		3.5 (65)
Cedar		50.0 (98)		29.2 (14)		16.7 (37)		13.6 (79)		16.7 (4)		77.8 (90)		6.3 (84)
Cerro Gord		66.7 (65)		20.8 (56)		14.6 (47)		14.2 (76)		6.9 (38)		87.0 (32)		2.1 (35)
Cherokee		76.8 (19)		19.4 (65)		12.3 (68)		14.8 (73)		4.5 (63)		79.2 (82)		4.3 (72)
Chickasaw		75.9 (23)		25.0 (37)		26.7 (5)		20.0 (36)		9.1 (20)		85.6 (43)		1.9 (29)
Clarke		68.3 (59)		19.0 (70)		15.1 (44)		14.3 (75)		3.6 (73)		78.9 (85)		2.0 (34)
Clay		76.6 (21)		33.3 (8)		19.5 (16)		27.9 (9)		11.4 (13)		87.9 (23)		15.4 (94)
Clayton		83.2 (2)		20.2 (60)		4.8 (95)		18.0 (51)		4.8 (59)		91.7 (10)		18.5 (97)
Clinton		65.6 (73)		19.9 (62)		14.1 (52)		15.1 (71)		8.5 (26)		90.0 (16)		3.1 (56)
Crawford		65.9 (70)		16.3 (84)		9.5 (83)		6.4 (98)		2.0 (91)		75.6 (92)		0.6 (7)
Dallas		79.9 (8)		21.7 (50)		19.0 (19)		11.6 (91)		3.2 (79)		84.3 (58)		2.4 (41)
Davis		60.9 (87)		18.8 (73)		12.5 (64)		11.8 (89)		12.5 (7)		100.0 (1)		0.0 (1)
Decatur		64.5 (77)		18.3 (75)		20.0 (14)		22.2 (27)		3.3 (78)		86.6 (35)		3.2 (59)

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

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 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)		
Delaware		42.4 (99)		10.0 (97)		6.7 (93)		16.3 (63)		0.0 (95)		96.0 (3)		0.0 (1)
Des Moines		58.3 (91)		15.8 (86)		12.2 (70)		13.6 (79)		4.9 (58)		78.9 (85)		4.4 (74)
Dickinson		77.4 (17)		25.9 (31)		10.8 (79)		23.2 (22)		8.8 (24)		90.3 (14)		16.3 (96)
Dubuque		54.4 (96)		15.8 (86)		12.1 (71)		15.5 (67)		2.8 (82)		95.9 (4)		0.1 (4)
Emmet		65.8 (72)		23.8 (41)		16.0 (41)		22.5 (26)		9.5 (18)		86.8 (33)		12.4 (90)
Fayette		73.9 (28)		23.1 (45)		8.3 (88)		21.7 (32)		6.1 (43)		84.2 (60)		20.1 (99)
Floyd		66.0 (69)		22.7 (47)		18.6 (23)		21.1 (33)		5.3 (53)		89.4 (17)		1.6 (20)
Franklin		70.8 (39)		30.8 (11)		14.0 (53)		22.1 (29)		9.0 (23)		88.9 (19)		1.8 (25)
Fremont		65.9 (70)		12.5 (93)		30.0 (2)		26.9 (12)		12.5 (7)		76.0 (91)		1.7 (23)
Greene		70.5 (42)		23.2 (44)		10.8 (79)		14.1 (77)		3.6 (73)		84.7 (51)		3.4 (62)
Grundy		70.0 (46)		28.0 (18)		8.0 (91)		13.6 (79)		4.0 (69)		82.3 (69)		1.9 (29)
Guthrie		75.0 (25)		21.3 (53)		13.6 (54)		16.1 (64)		4.3 (64)		81.1 (74)		2.9 (50)
Hamilton		79.5 (10)		27.3 (23)		20.5 (12)		16.5 (59)		3.9 (70)		85.4 (44)		3.4 (62)
Hancock		67.8 (60)		23.8 (41)		8.3 (88)		22.0 (30)		11.9 (11)		85.7 (41)		1.6 (20)

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 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		69.4 (53)		31.3 (10)		13.0 (62)		25.8 (15)		6.0 (45)		83.5 (64)		2.3 (38)
Harrison		78.1 (15)		28.3 (17)		18.9 (22)		27.5 (10)		13.3 (6)		84.5 (55)		1.4 (18)
Henry		70.0 (46)		25.8 (33)		11.7 (73)		23.1 (23)		6.7 (39)		84.5 (55)		2.9 (50)
Howard		79.3 (11)		26.5 (25)		22.2 (8)		27.4 (11)		4.1 (67)		84.8 (49)		15.4 (94)
Humboldt		80.9 (5)		26.5 (25)		13.2 (60)		22.8 (25)		14.3 (5)		86.3 (39)		2.9 (50)
Ida		75.8 (24)		19.1 (68)		11.4 (76)		18.2 (48)		8.5 (26)		93.0 (8)		1.0 (11)
Iowa		67.3 (62)		19.0 (70)		18.2 (25)		12.9 (84)		0.0 (95)		91.7 (10)		1.8 (25)
Jackson		62.8 (83)		10.7 (96)		8.6 (87)		10.9 (95)		3.6 (73)		86.6 (35)		1.9 (29)
Jasper		70.0 (46)		20.5 (57)		13.3 (57)		16.6 (58)		2.6 (87)		84.2 (60)		2.5 (43)
Jefferson		56.4 (93)		19.5 (64)		9.7 (81)		17.1 (54)		12.2 (10)		68.8 (98)		5.3 (81)
Johnson		80.6 (6)		45.0 (1)		30.7 (1)		23.0 (24)		9.3 (19)		78.4 (87)		1.3 (16)
Jones		70.1 (44)		16.7 (82)		15.6 (42)		15.5 (67)		7.6 (35)		93.2 (7)		2.9 (50)
Keokuk		63.9 (79)		19.2 (67)		20.0 (14)		20.0 (36)		11.5 (12)		85.7 (41)		10.4 (88)
Kossuth		68.7 (57)		26.3 (28)		17.6 (30)		18.3 (46)		8.8 (24)		83.8 (63)		2.3 (38)

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 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)
Lee		54.7 (95)	12.6 (92)	11.2 (77)	11.6 (91)	3.6 (73)	79.3 (81)	4.4 (74)				
Linn		67.5 (61)	26.0 (30)	17.9 (26)	12.9 (84)	3.1 (80)	83.5 (64)	1.8 (25)				
Louisa		73.6 (30)	28.0 (18)	0.0 (97)	3.8 (99)	0.0 (95)	85.4 (44)	2.7 (47)				
Lucas		66.3 (67)	15.8 (86)	16.7 (37)	24.5 (18)	5.3 (53)	85.4 (44)	3.1 (56)				
Lyon		70.4 (43)	33.3 (8)	17.9 (26)	19.1 (44)	4.2 (65)	87.1 (30)	0.7 (8)				
Madison		70.8 (39)	25.4 (36)	19.5 (16)	18.5 (45)	8.1 (30)	72.4 (96)	2.1 (35)				
Mahaska		61.7 (85)	18.9 (72)	13.3 (57)	12.1 (88)	4.7 (60)	90.9 (13)	4.2 (71)				
Marion		70.8 (39)	26.4 (27)	17.0 (35)	21.8 (31)	6.6 (41)	82.5 (68)	4.9 (79)				
Marshall		70.9 (38)	20.2 (60)	13.5 (55)	15.0 (72)	1.8 (93)	79.1 (83)	2.4 (41)				
Mills		71.1 (36)	16.3 (84)	5.0 (94)	20.0 (36)	4.7 (60)	84.6 (54)	0.0 (1)				
Mitchell		71.8 (34)	24.5 (39)	16.7 (37)	31.1 (3)	8.2 (28)	92.0 (9)	1.1 (12)				
Monona		58.4 (90)	14.6 (91)	12.5 (64)	19.6 (42)	2.4 (89)	60.6 (99)	2.2 (37)				
Monroe		55.4 (94)	7.5 (99)	9.1 (84)	13.2 (83)	2.5 (88)	79.0 (84)	3.9 (67)				
Montgomery		69.3 (55)	18.3 (75)	17.0 (35)	14.8 (73)	4.2 (65)	80.3 (77)	1.9 (29)				

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 Pediatric Nutrition Surveillance <sup>(1)</sup>

#### Iowa

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County <sup>(2)</sup>

#### Children Aged < 5 Years <sup>(3)</sup>

#### Combined 3 Years

#### Comparison of Breastfeeding, TV Viewing, and Smoking in Household <sup>(4,5)</sup>

County	Breastfeeding <sup>(6)</sup>				Exclusive Breastfeeding <sup>(7)</sup>				≤ 2 Hours TV Viewing/Day <sup>(8)</sup>		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		74.8 (26)		18.8 (73)		13.1 (61)		12.7 (87)		2.8 (82)		87.1 (30)		2.9 (50)
O Brien		79.0 (13)		25.5 (35)		19.0 (19)		19.4 (43)		3.9 (70)		91.7 (10)		14.3 (93)
Osceola		81.1 (3)		15.4 (89)		19.0 (19)		11.1 (94)		7.7 (33)		87.4 (27)		19.3 (98)
Page		64.7 (76)		16.9 (81)		4.7 (96)		16.4 (62)		5.6 (50)		78.3 (88)		2.9 (50)
Palo Alto		79.1 (12)		23.1 (45)		14.3 (49)		17.0 (55)		5.8 (49)		87.3 (29)		11.2 (89)
Plymouth		84.7 (1)		28.0 (18)		17.9 (26)		24.4 (19)		6.7 (39)		82.1 (71)		0.5 (5)
Pocahontas		78.6 (14)		16.7 (82)		16.7 (37)		13.6 (79)		0.0 (95)		88.5 (21)		13.9 (91)
Polk		77.1 (18)		27.8 (22)		19.4 (18)		9.3 (97)		2.7 (84)		81.1 (74)		1.9 (29)
Pottawatta		73.2 (33)		22.6 (48)		17.4 (33)		17.6 (52)		8.1 (30)		81.4 (73)		1.5 (19)
Poweshiek		69.7 (51)		24.0 (40)		14.8 (45)		18.3 (46)		6.0 (45)		84.8 (49)		3.8 (66)
Ringgold		63.6 (81)		25.9 (31)		11.1 (78)		30.8 (4)		11.1 (14)		81.8 (72)		0.9 (10)
Sac		53.5 (97)		25.0 (37)		11.8 (72)		20.0 (36)		5.0 (57)		90.1 (15)		6.4 (85)
Scott		63.7 (80)		19.1 (68)		11.7 (73)		11.2 (93)		4.6 (62)		71.2 (97)		5.1 (80)
Shelby		67.2 (64)		22.4 (49)		12.3 (68)		26.0 (14)		7.5 (36)		83.5 (64)		1.2 (15)

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 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)
Sioux		81.0 (4)	30.3 (13)	20.3 (13)	25.2 (16)	9.1 (20)	87.7 (25)	1.1 (12)				
Story		78.0 (16)	40.8 (3)	27.5 (3)	29.2 (7)	5.9 (47)	84.3 (58)	1.7 (23)				
Tama		70.1 (44)	25.6 (34)	12.4 (66)	23.5 (20)	3.4 (77)	82.2 (70)	2.7 (47)				
Taylor		59.7 (88)	12.5 (93)	7.7 (92)	12.8 (86)	10.3 (15)	75.5 (93)	0.5 (5)				
Union		66.6 (66)	21.6 (51)	13.5 (55)	16.5 (59)	6.3 (42)	79.5 (80)	4.4 (74)				
Van Buren		64.0 (78)	37.5 (5)	0.0 (97)	20.0 (36)	12.5 (7)	100.0 (1)	4.0 (68)				
Wapello		73.5 (31)	23.7 (43)	17.6 (30)	18.1 (50)	5.2 (56)	85.2 (47)	3.2 (59)				
Warren		74.5 (27)	28.9 (15)	22.9 (7)	25.0 (17)	7.1 (37)	88.1 (22)	2.6 (45)				
Washington		79.6 (9)	28.0 (18)	14.3 (49)	15.2 (69)	2.7 (84)	86.5 (37)	2.6 (45)				
Wayne		58.3 (91)	35.0 (6)	21.4 (10)	33.3 (2)	17.5 (3)	84.7 (51)	9.4 (87)				
Webster		67.3 (62)	19.6 (63)	12.8 (63)	16.7 (57)	5.5 (51)	86.8 (33)	4.0 (68)				
Winnebago		62.9 (82)	17.5 (79)	9.1 (84)	17.0 (55)	3.8 (72)	86.0 (40)	1.8 (25)				
Winneshiek		80.0 (7)	44.2 (2)	27.3 (4)	29.6 (6)	19.2 (2)	95.7 (5)	14.2 (92)				
Woodbury		69.1 (56)	18.3 (75)	12.4 (66)	11.8 (89)	3.0 (81)	80.6 (76)	1.3 (16)				

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# WIC PNSS & PedNSS

## Table 7B

### 2017 - 2019 Pediatric Nutrition Surveillance (1)

#### Iowa

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#### 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)		
Worth		73.5 (31)		26.3 (28)		26.7 (5)		28.6 (8)		5.3 (53)		84.7 (51)		0.7 (8)
Wright		71.0 (37)		20.5 (57)		14.7 (46)		10.1 (96)		1.9 (92)		87.4 (27)		2.3 (38)
<b>Iowa</b>		<b>70.8</b>		<b>24.4</b>		<b>17.0</b>		<b>15.5</b>		<b>5.0</b>		<b>83.7</b>		<b>3.1</b>

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