

The Center for Acute disease Epidemiology

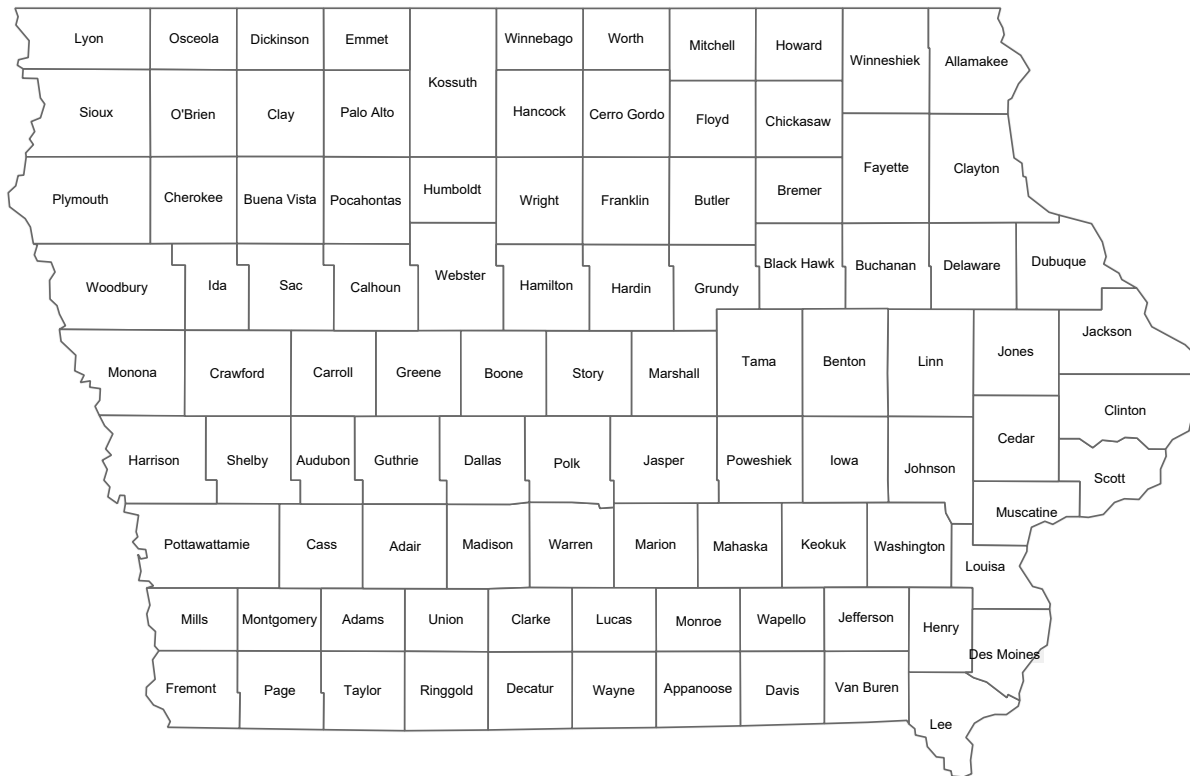
Report for the First Quarter, 2019

Iowa Department of Public Health



Iowa County Boundaries and Population

2010 Census Data



April 1, 2010 population estimates

Adair	7,682	Floyd	16,303	Monona	9,243
Adams	4,029	Franklin	10,680	Monroe	7,970
Allamakee	14,330	Fremont	7,441	Montgomery	10,740
Appanoose	12,887	Greene	9,336	Muscatine	42,745
Audubon	6,119	Grundy	12,453	O'Brien	14,398
Benton	26,076	Guthrie	10,954	Osceola	6,462
Black Hawk	131,090	Hamilton	15,673	Page	15,932
Boone	26,306	Hancock	11,341	Palo Alto	9,421
Bremer	24,276	Hardin	17,534	Plymouth	24,986
Buchanan	20,958	Harrison	14,928	Pocahontas	7,310
Buena Vista	20,260	Henry	20,145	Polk	430,640
Butler	14,867	Howard	9,566	Pottawattamie	93,158
Calhoun	9,670	Humboldt	9,814	Poweshiek	18,914
Carroll	20,816	Ida	7,089	Ringgold	5,131
Cass	13,956	Iowa	16,355	Sac	10,350
Cedar	18,499	Jackson	19,848	Scott	165,224
Cerro Gordo	44,151	Jasper	36,842	Shelby	12,167
Cherokee	12,072	Jefferson	16,843	Sioux	33,704
Chickasaw	12,439	Johnson	130,882	Story	89,542
Clarke	9,286	Jones	20,638	Tama	17,767
Clay	16,667	Keokuk	10,511	Taylor	6,317
Clayton	18,129	Kossuth	15,543	Union	12,534
Clinton	49,116	Lee	35,862	Van Buren	7,570
Crawford	17,096	Linn	211,226	Wapello	35,625
Dallas	66,135	Louisa	11,387	Warren	46,225
Davis	8,753	Lucas	8,898	Washington	21,704
Decatur	8,457	Lyon	11,581	Wayne	6,403
Delaware	17,764	Madison	15,679	Webster	38,013
Des Moines	40,325	Mahaska	22,381	Winnebago	10,866
Dickinson	16,667	Marion	33,309	Winneshiek	21,056
Dubuque	93,653	Marshall	40,648	Woodbury	102,172
Emmet	10,302	Mills	15,059	Worth	7,598
Fayette	20,880	Mitchell	10,772	Wright	13,229

Case Counts for 1st Qtr (Jan-Mar) 2019

Counties I-W

Confirmed, Probable, and Suspect Cases

Note: Only counties and diseases that occurred in the timeframe specified will appear in the table.

	Anaplasmosis/Ehrlichiosis	Campylobacteriosis	CRE	Cryptosporidiosis	Dengue-Severe	E. coli (STEC)	Giardiasis	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Legionellosis	Listeria	Lyme	Malaria	Meningococcal Inv. disease	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Total
Emmet						1																1
Iowa		4															1			9		14
Jackson		1																		3		4
Jasper		7		2		2	1			1										3	1	17
Jefferson		3		2																		5
Johnson		11		2		3	1			2	1		1				9			36	2	68
Jones		1		1													1			2		5
Keokuk		3				1														2		6
Kossuth		2				2														2		4
Lee																1						1
Linn		16		3		6	6	1		4				1	1		4			69	2	113
Louisa		1		1																		2
Lucas		1				1											1				1	4
Lyon		1															4			1		6
Madison		2					1													1		4
Mahaska		2		1		1				1												5
Marion		1					1			3										1		6
Marshall		4		1						1										1		7
Mills				2		2														1		5
Mitchell		3																				3
Monroe				4																		4
Montgomery		2															1					3
Muscatine		3											1							2		6
O'Brien				1			2															3
Osceola		1																				1
Page		1		2																		3
Palo Alto		1		1																		2
Plymouth		3		4																		8
Pocahontas		1															1			1		3
Polk		41	2	5		11	14			32		1	1	1			4		1	16	3	132
Pottawattamie		5		2			1		1	1										3	1	14
Poweshiek		1		1		1																3
Ringgold		2		3																		5
Sac		2								1												3
Scott		3		2	1	4	1			6							4			6		27
Shelby		1		3			1															5
Sioux		6		2		1														4		13
Story		9		1		1	3			1										2	1	18
Tama		1																		2		3
Taylor		2																				2
Union		3																				3
Van Buren		2		1																		3
Wapello		6		1		1				2										1		11
Warren		4				2												1		3		10
Washington																				11		11
Wayne		1		2																		3
Webster		5		1									1							3	1	11
Winneshiek		3		2		2	1													1		9
Woodbury		2		7		1	1			8							1			4		24
Wright		2																				2
Total	1	286	4	90	1	67	49	1	2	67	1	3	10	3	1	3	54	2	1	231	13	890

Campylobacter

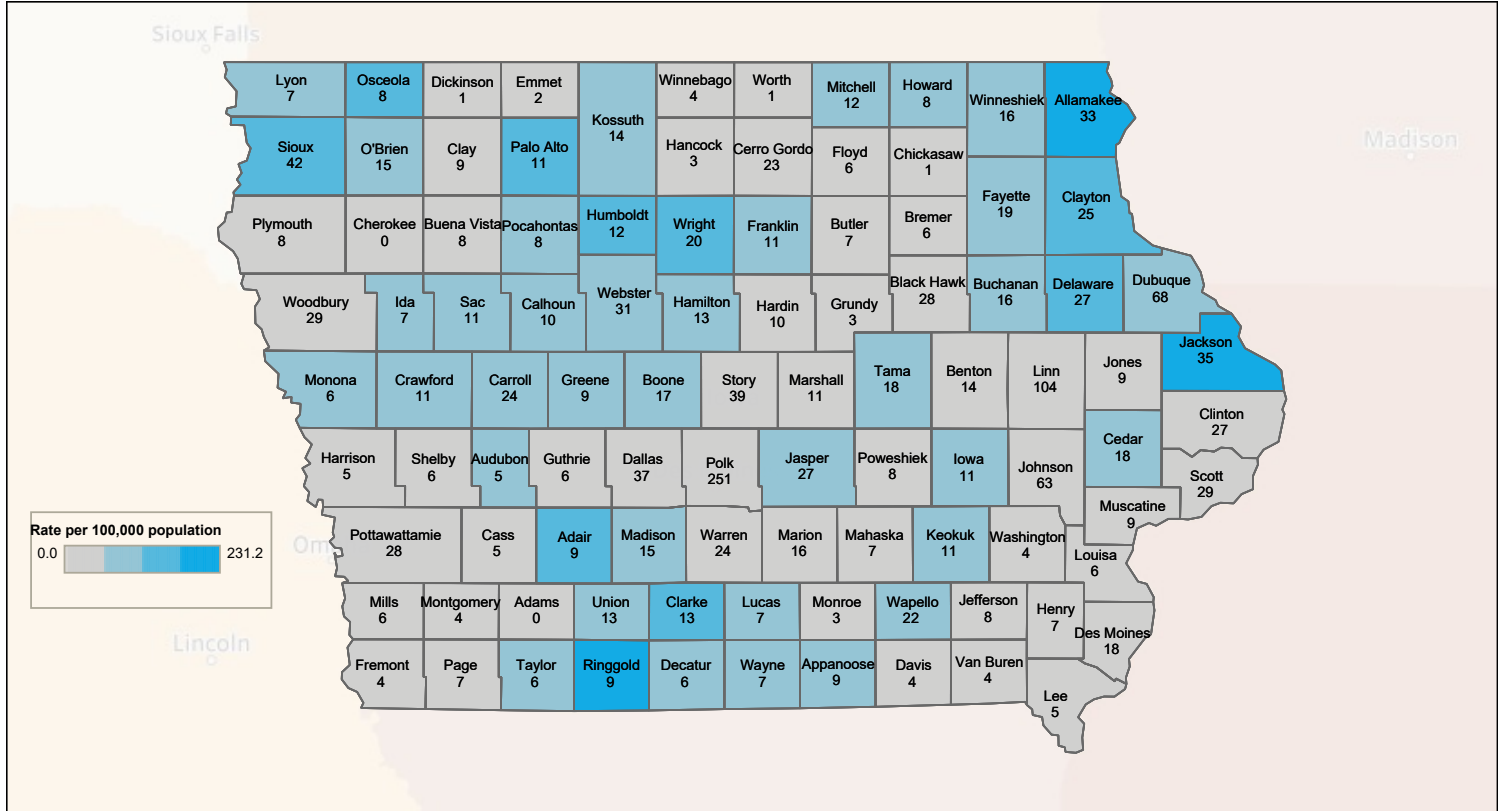
Number of cases in the 4th Qtr 2018

286

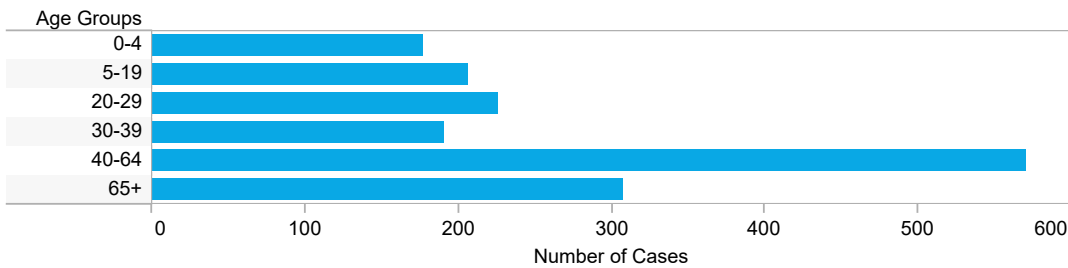
Number of cases in the past 12 months

1,678

Reported campylobacteriosis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Campylobacteriosis cases by age in the past 12 months. A third of all cases occurred in the 40-64 year old age group.



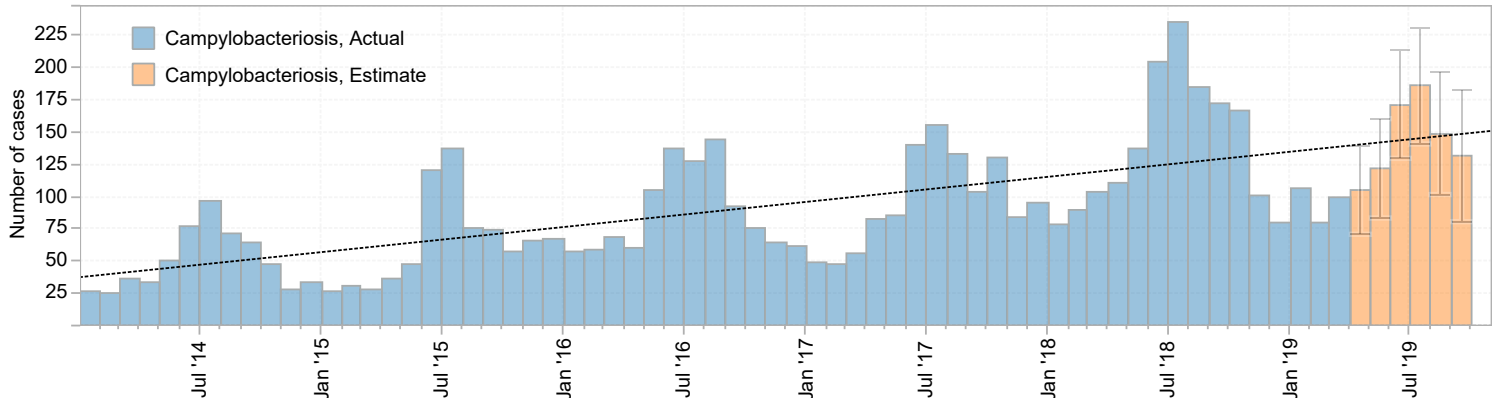
Hospitalizations in the past 12 months

232 (14%)

Campylobacteriosis cases by gender in the past 12 months

Female	796
Male	882

Reported campylobacteriosis cases by date of onset or first lab report and 6 month forecast



Cryptosporidium

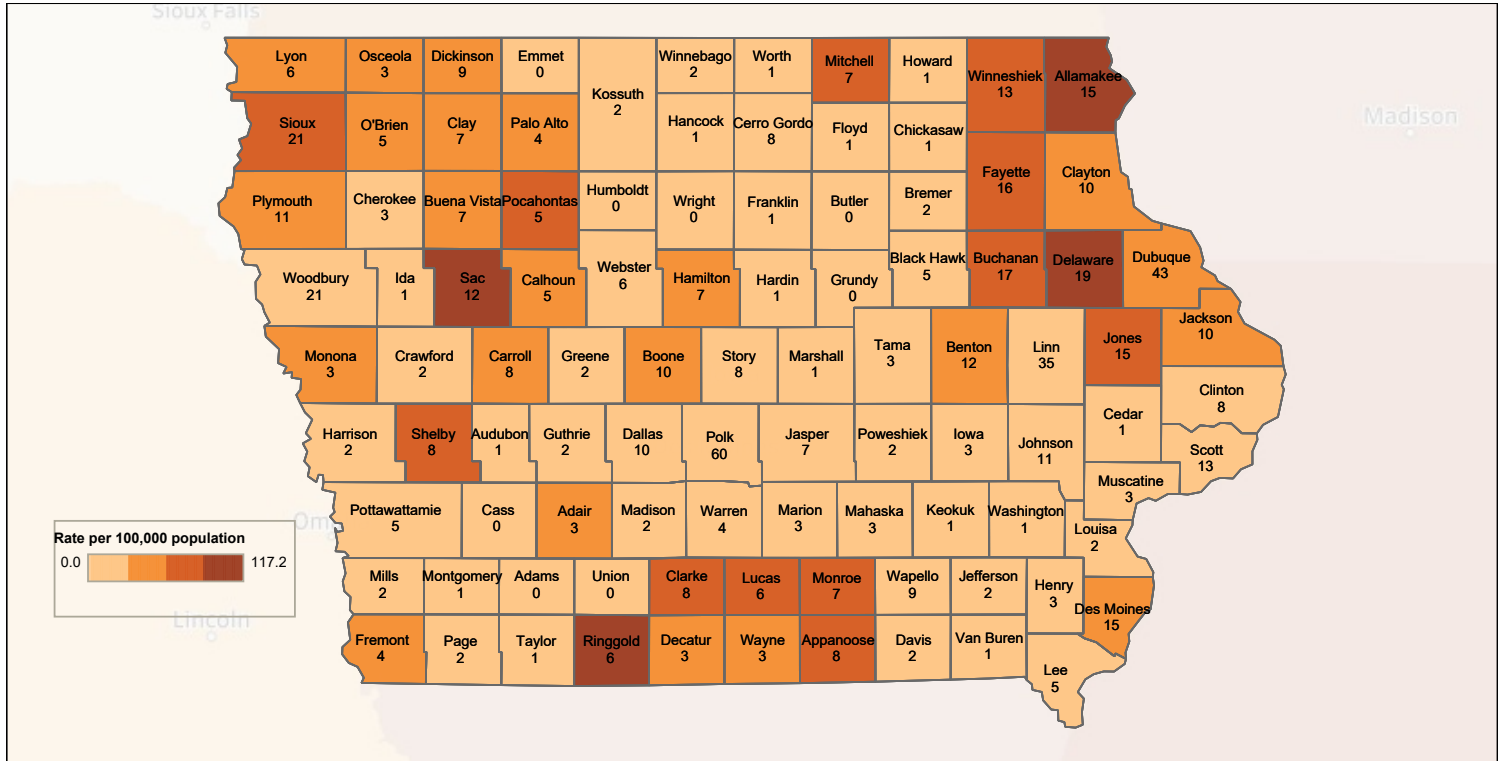
Number of cases in the 4th Qtr 2018

90

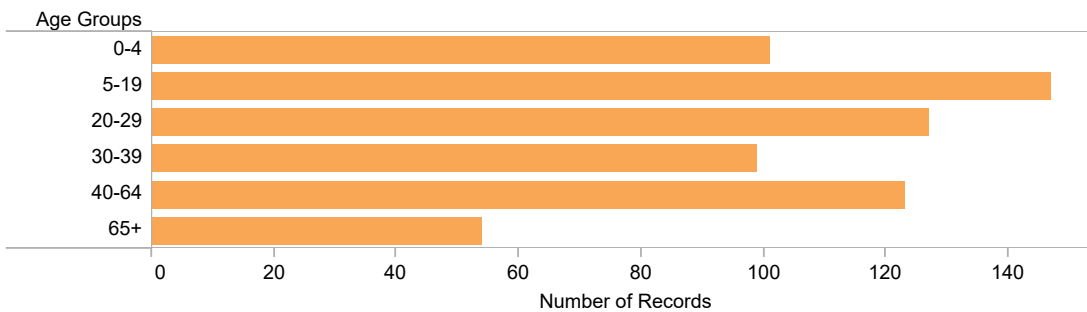
Number of cases in the past 12 months

650

Reported cryptosporidiosis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Cryptosporidiosis cases by age past 12 months



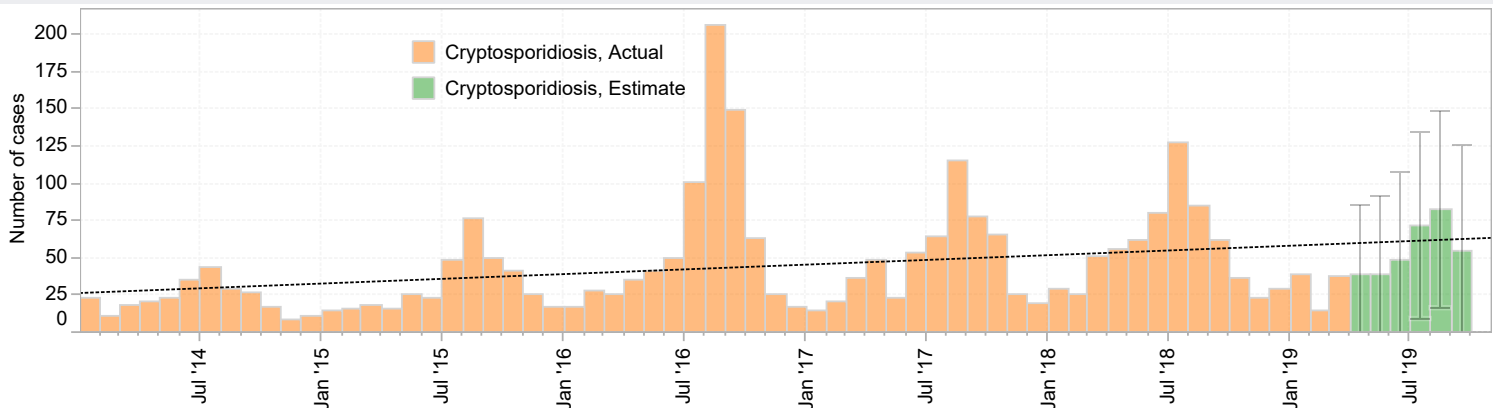
Hospitalizations in the past 12 months

70 (11%)

Cryptosporidiosis cases by gender past 12 months



Reported cryptosporidiosis cases by date of onset or first lab result and 6 month forecast



E. coli (STEC)

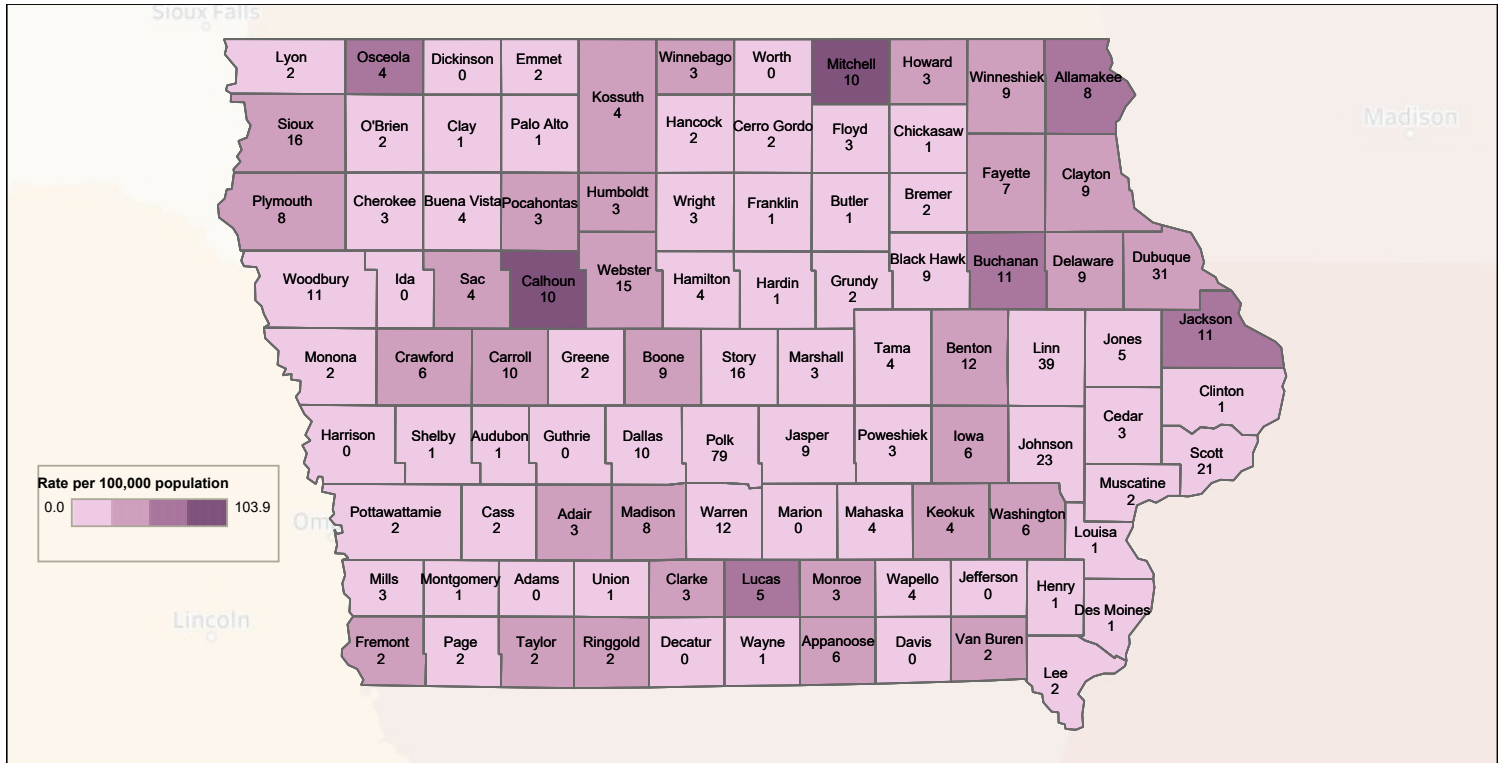
Number of cases in the 4th Qtr 2018

67

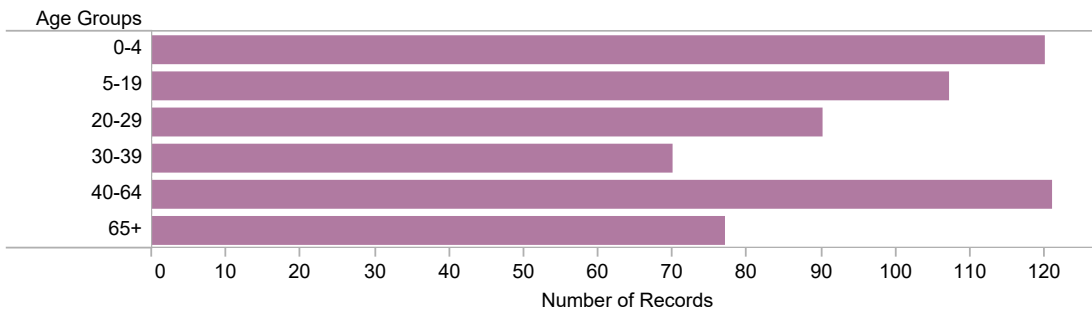
Number of cases in the past 12 months

585

Reported E. coli (STEC) cases and incidence rates per 100,000 population by county of residence for the past 12 months



E. coli cases by age past 12 months. Almost half of all cases occur in the 0-19 age groups.



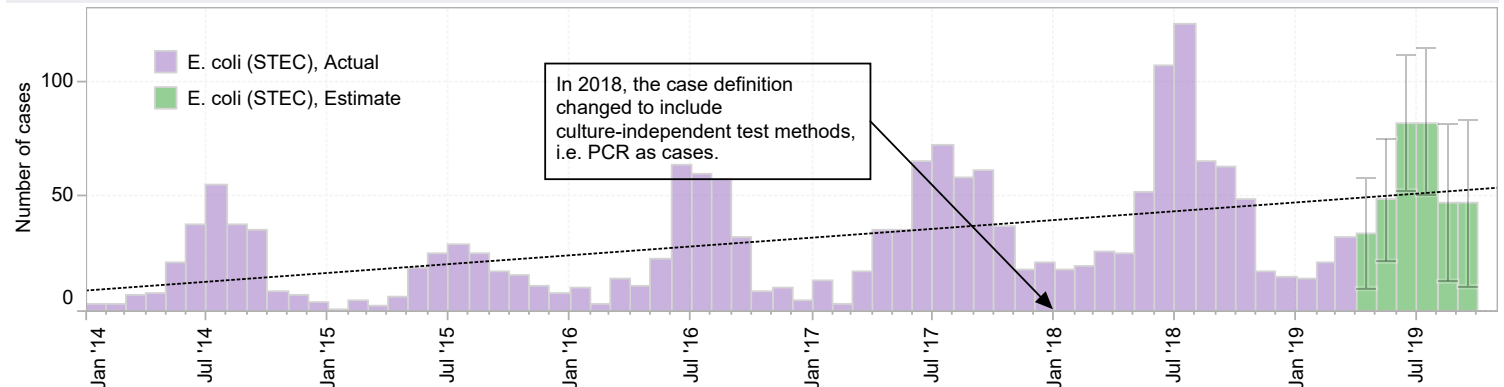
Hospitalizations in the past 12 months

106 (18%)

E. coli cases by gender past 12 months

Female	338
Male	247

Reported E. coli (STEC) cases by date of onset or first lab result and 6 month forecast



Giardia

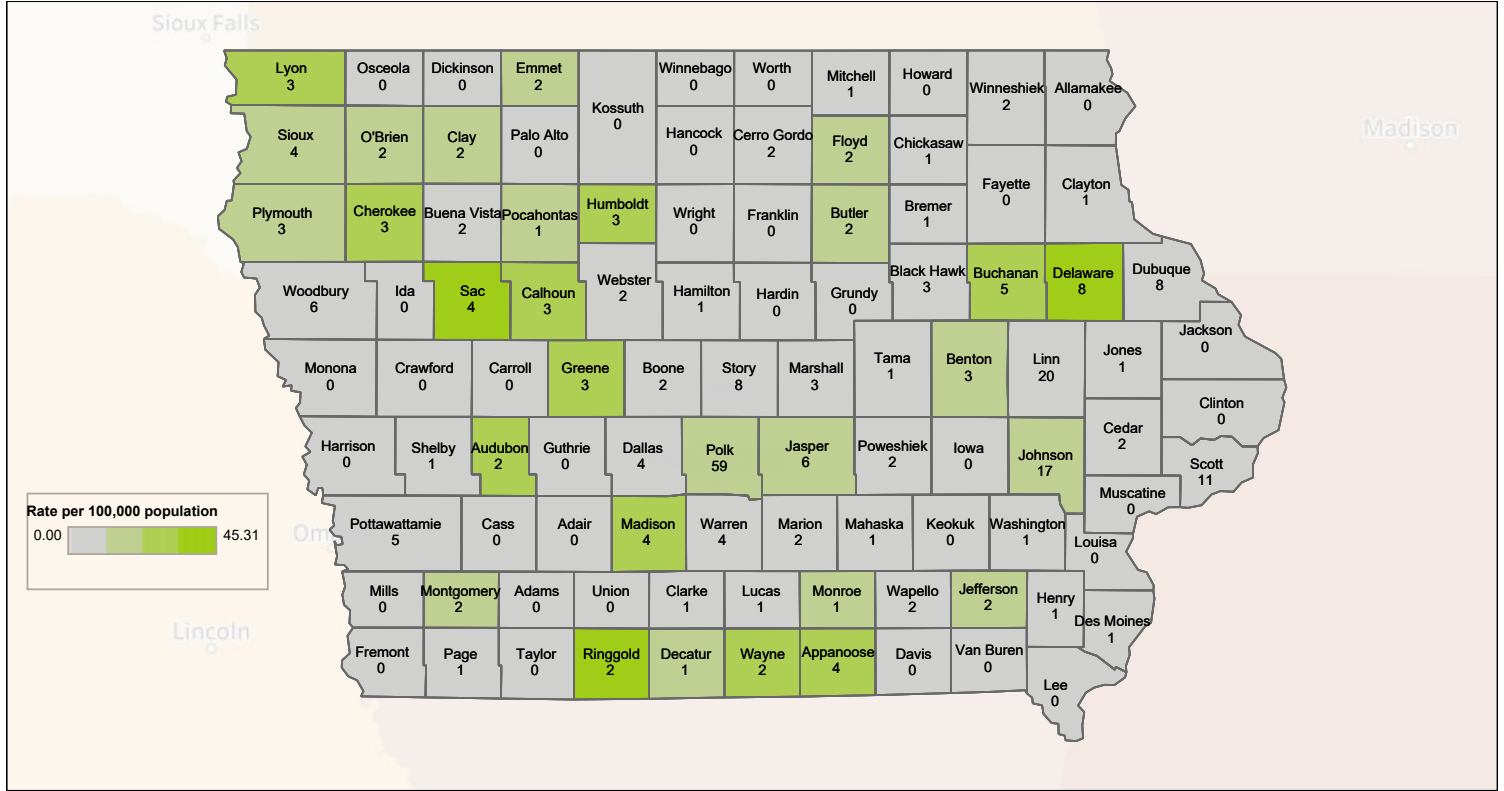
Number of cases in the 4th Qtr 2018

49

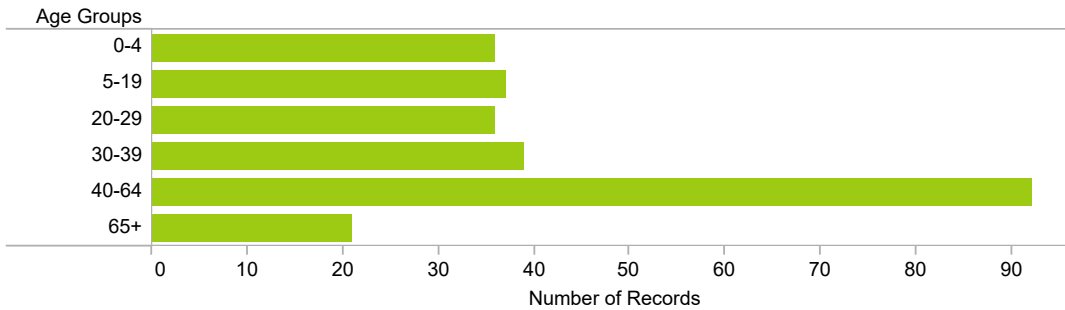
Number of cases in the past 12 months

260

Reported giardiasis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Giardiasis cases by age past 12 months. Nearly a third of all cases occurred in the 40-64 age group.



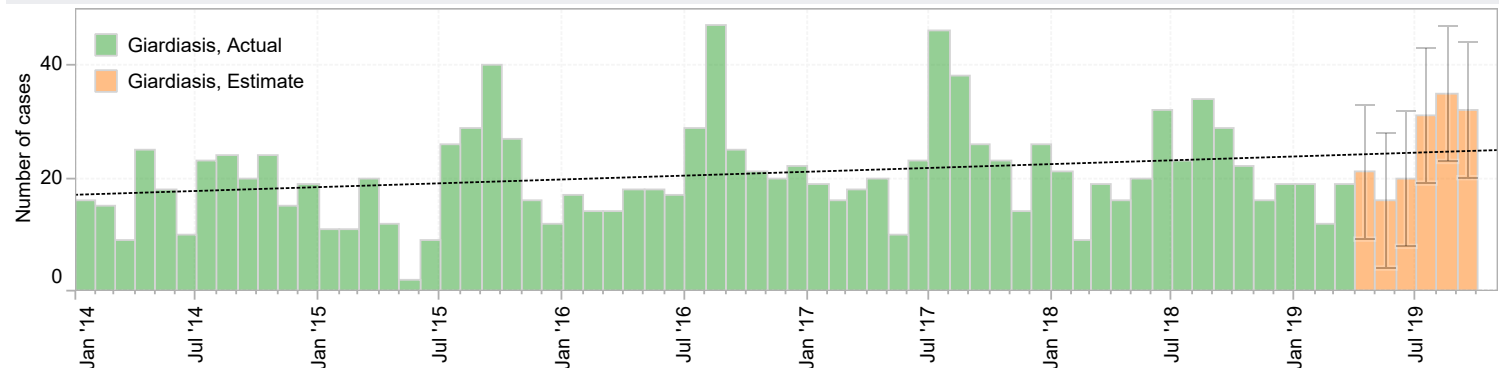
Hospitalizations in the past 12 months

35 (14%)

Giardiasis cases by gender past 12 months

Female	108
Male	152

Reported giardiasis cases by date of onset or first lab result and 6 month forecast



Lyme disease

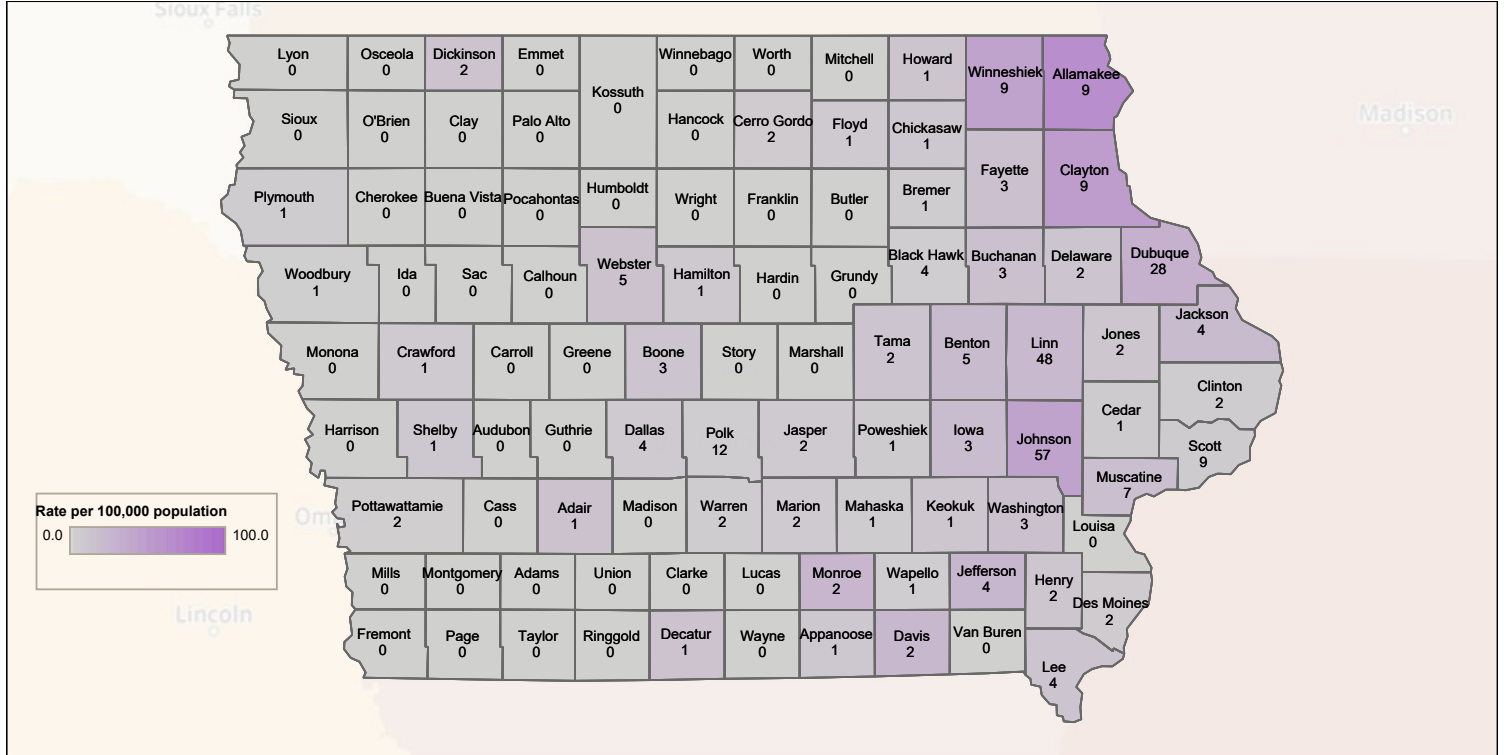
Number of cases in the 4th Qtr 2018

10

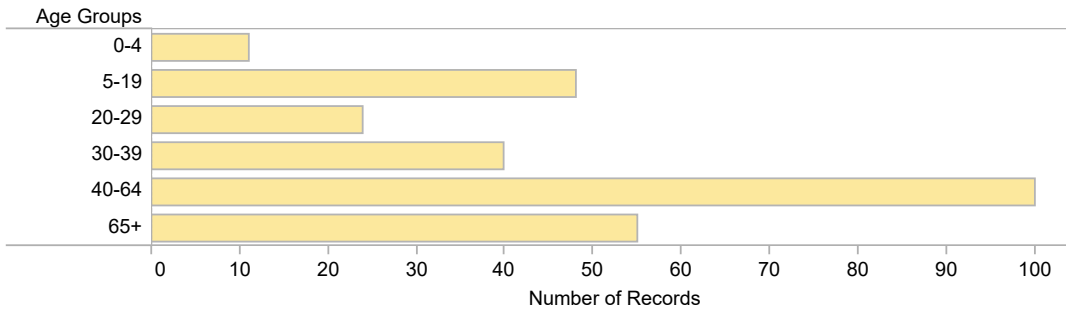
Number of cases in the past 12 months

277

Reported Lyme disease cases and incidence rates per 100,000 population by county of residence for the past 12 months



Lyme disease cases by age past 12 months. Over 55 percent of all cases were in the 5-19 and 40-64 year old age groups.



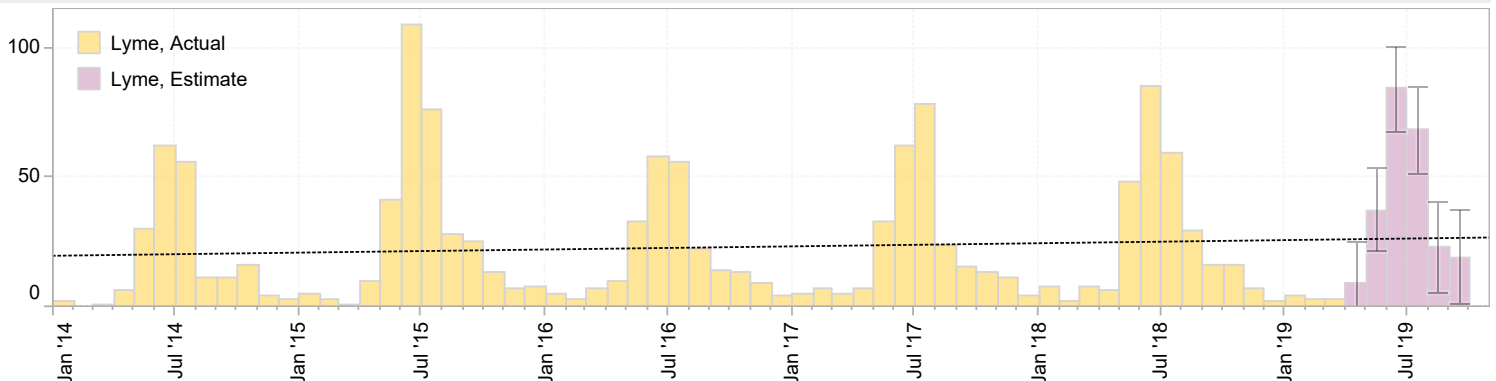
Hospitalizations in the past 12 months

14 (5%)

Lyme disease cases by gender past 12 months

Female	111
Male	166

Reported Lyme disease cases by date of onset or first lab result and 6 month forecast



Pertussis

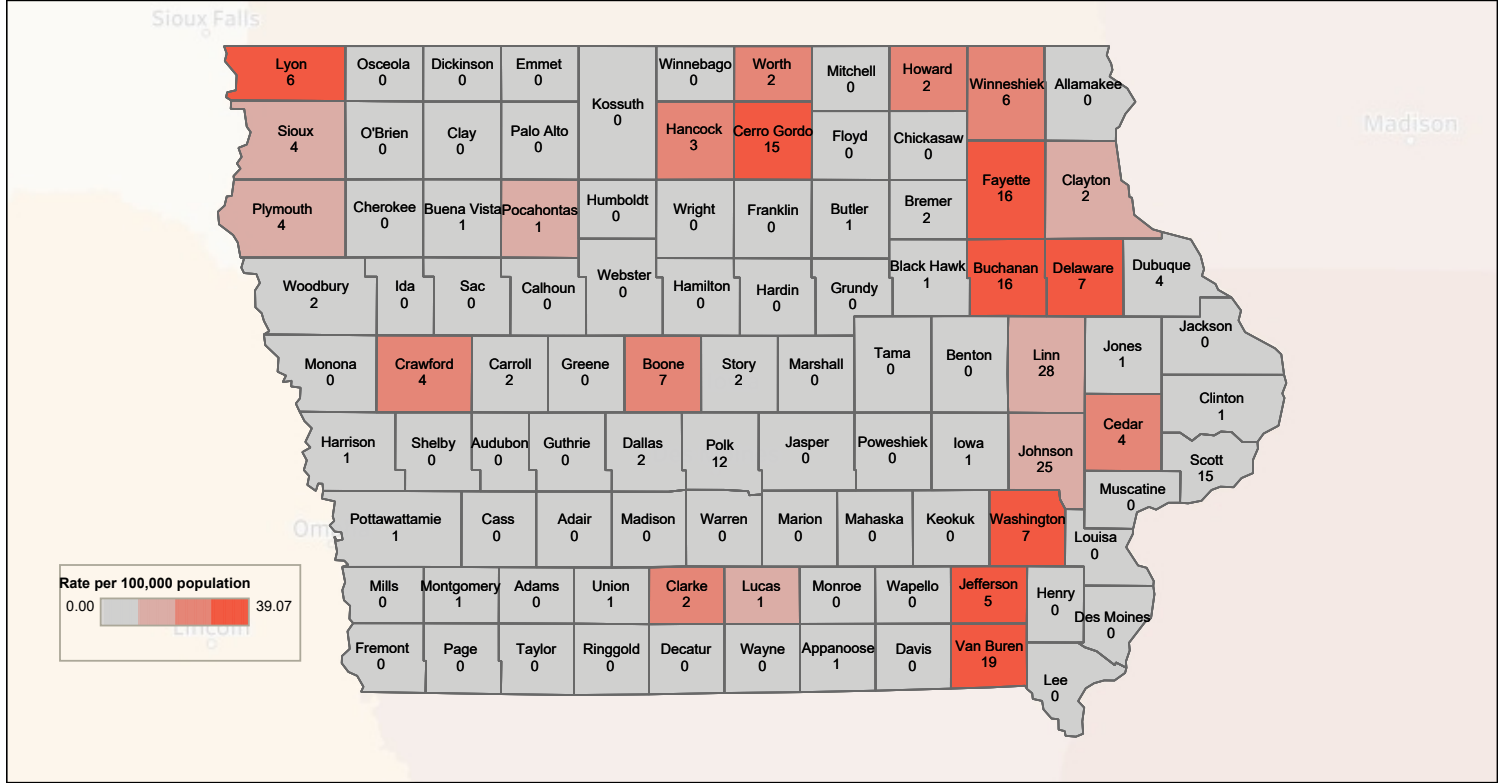
Number of cases in the 4th Qtr 2018

54

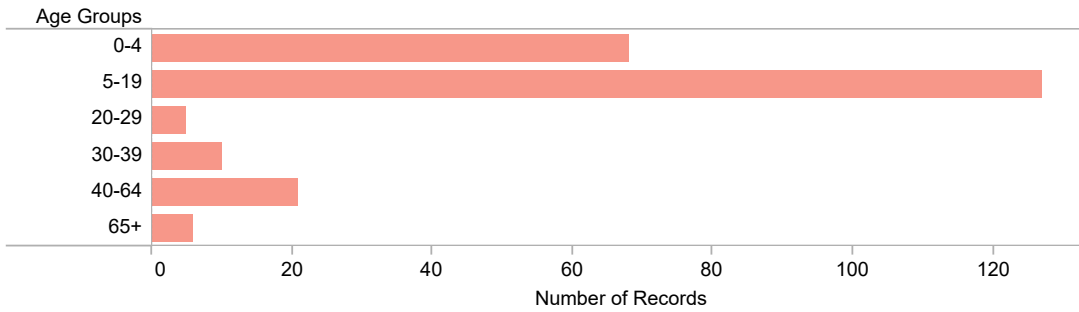
Number of cases in the past 12 months

231

Reported pertussis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Pertussis cases by age past 12 months. Most cases occur in the 0-19 year age group.



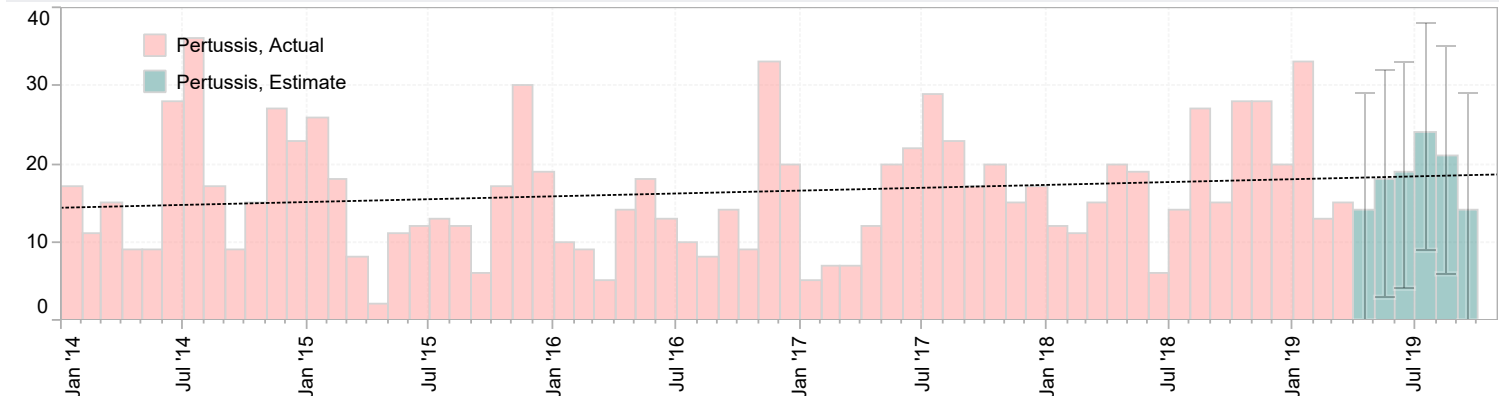
Hospitalizations in the past 12 months

23 (10%)

Pertussis cases by gender past 12 months

Female	114
Male	117

Reported pertussis cases by date of onset or first lab result and 6 month forecast



Salmonella

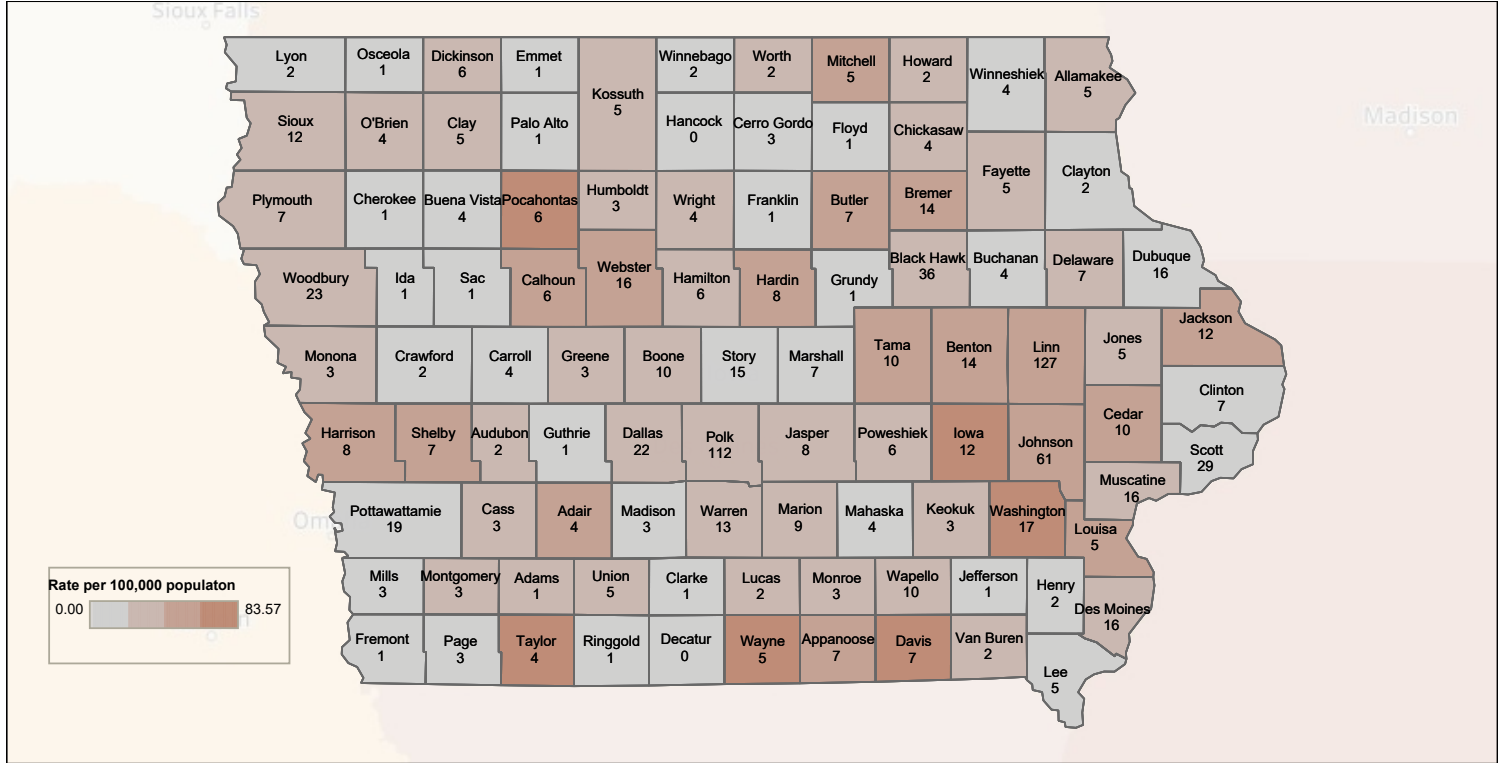
Number of cases in the 4th Qtr 2018

231

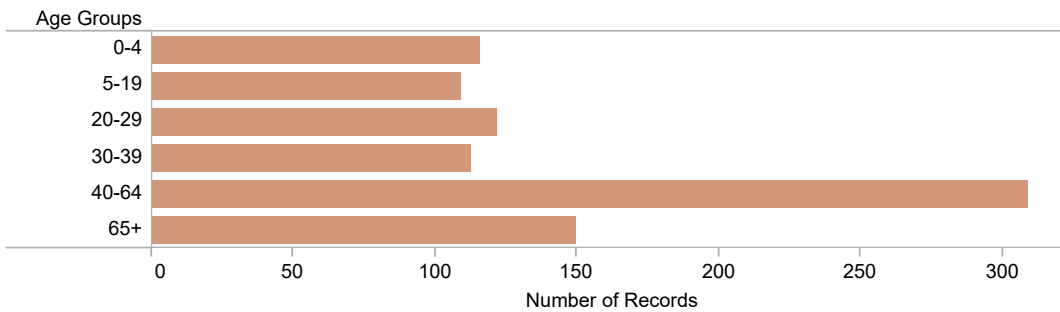
Number of cases in the past 12 months

919

Reported salmonellosis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Salmonellosis cases by age past 12 months. Over a third of all cases occurred in the 40-64 year age group.



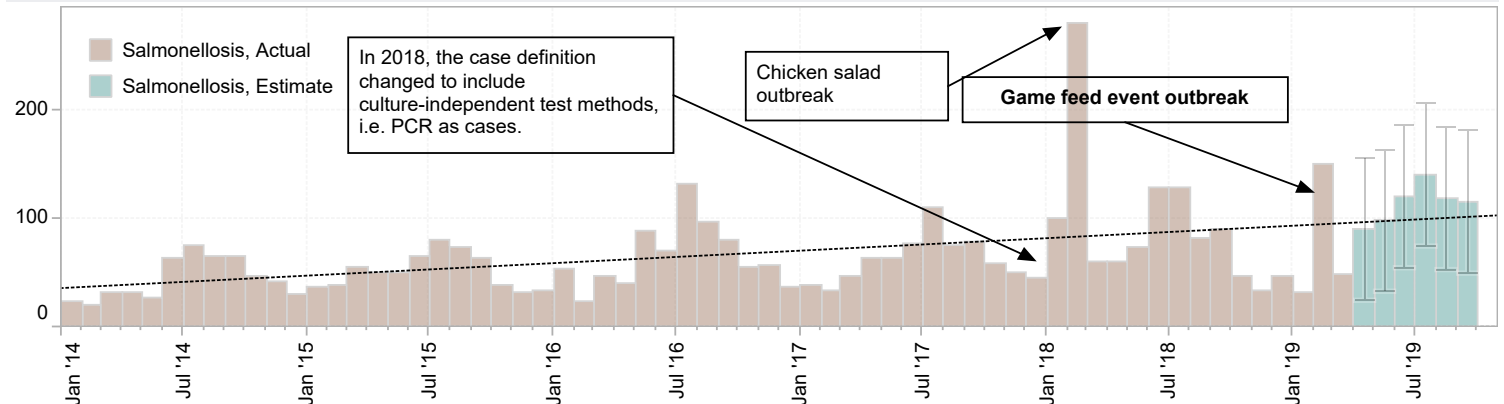
Hospitalizations in the past 12 months

210 (23%)

Salmonellosis cases by gender past 12 months

Female	473
Male	446

Reported salmonellosis cases by date of onset or first lab result and 6 month forecast



Shigella

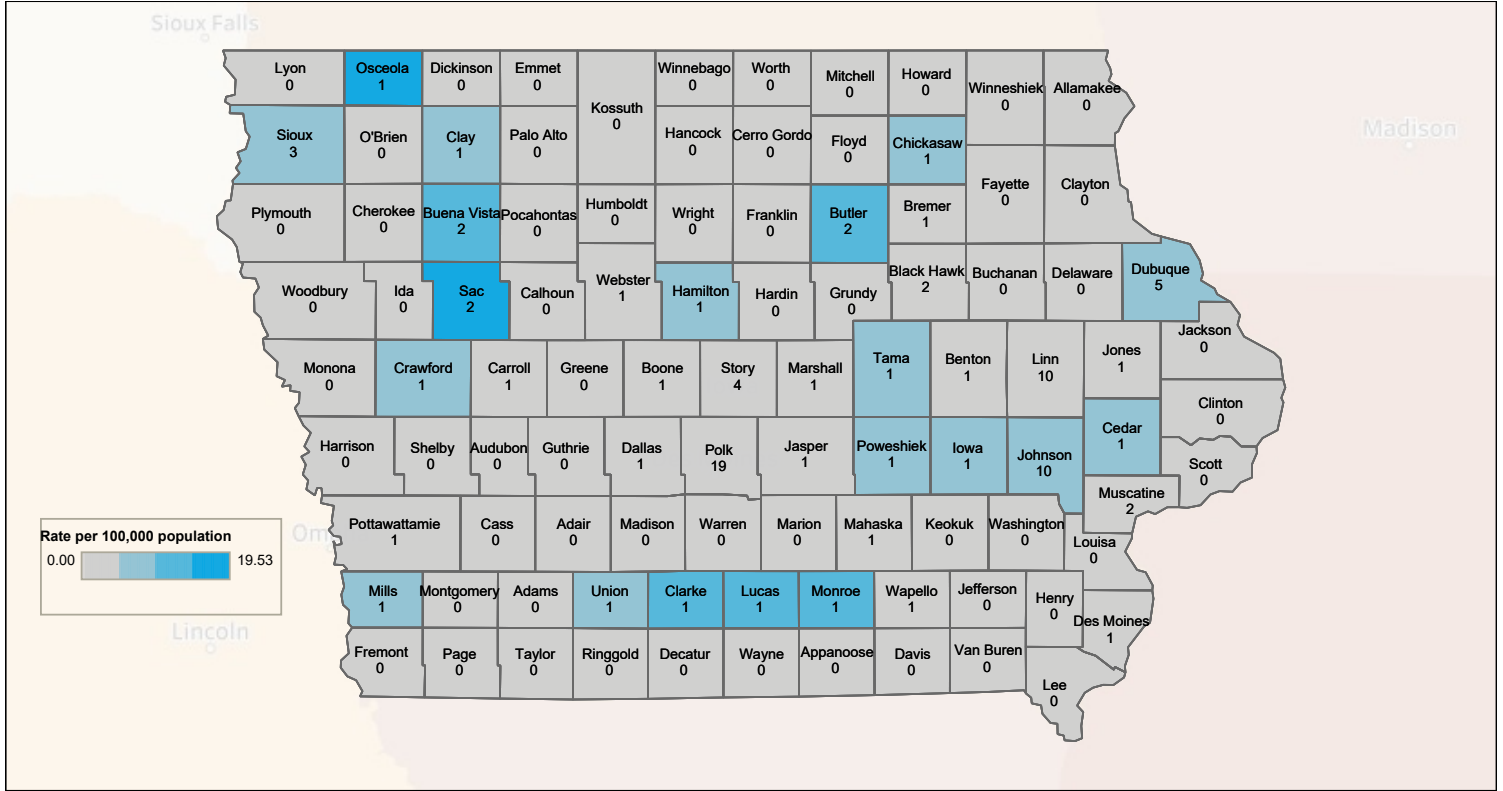
Number of cases in the 4th Qtr 2018

13

Number of cases in the past 12 months

88

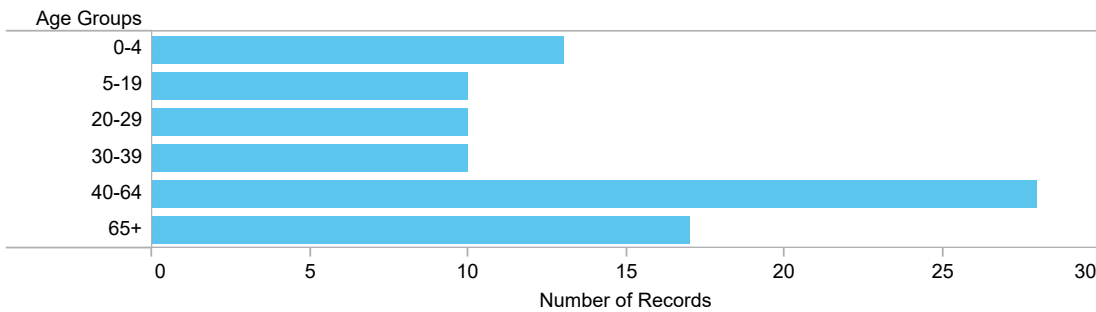
Reported shigellosis cases and incidence rates per 100,000 population by county of residence for the past 12 months



Shigellosis cases by age past 12 months. Over 45 percent of all cases occurred in the 0-19 year age groups. An additional 24% of cases were in the 40-64 year age group.

Hospitalizations in the past 12 months

15 (6%)



Shigellosis cases by gender past 12 months

Female	40
Male	48

Reported shigellosis cases by date of onset or first lab result and 6 month forecast

