

Iowa Acute Disease Quarterly Report

CENTER FOR ACUTE DISEASE EPIDEMIOLOGY
Third Quarter, 2018



Iowa Department of public Health

INTRODUCTION

The Center for Acute Disease Epidemiology (CADE) uses the most recent Council of State and Territorial Epidemiologists (CSTE) / Centers for Disease Control and Prevention (CDC) case definitions found on the [National Notifiable Disease Surveillance System \(NNDSS\)](#) page. These definitions are used to classify the case as confirmed, probable, suspect, not a case, or awaiting more information. **Only confirmed and probable cases meeting the CSTE/CDC case definitions are included in official case counts.**

CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Disease case counts were compiled from the Iowa Disease Surveillance System (IDSS). Data are provisional and subject to monthly reporting variation.

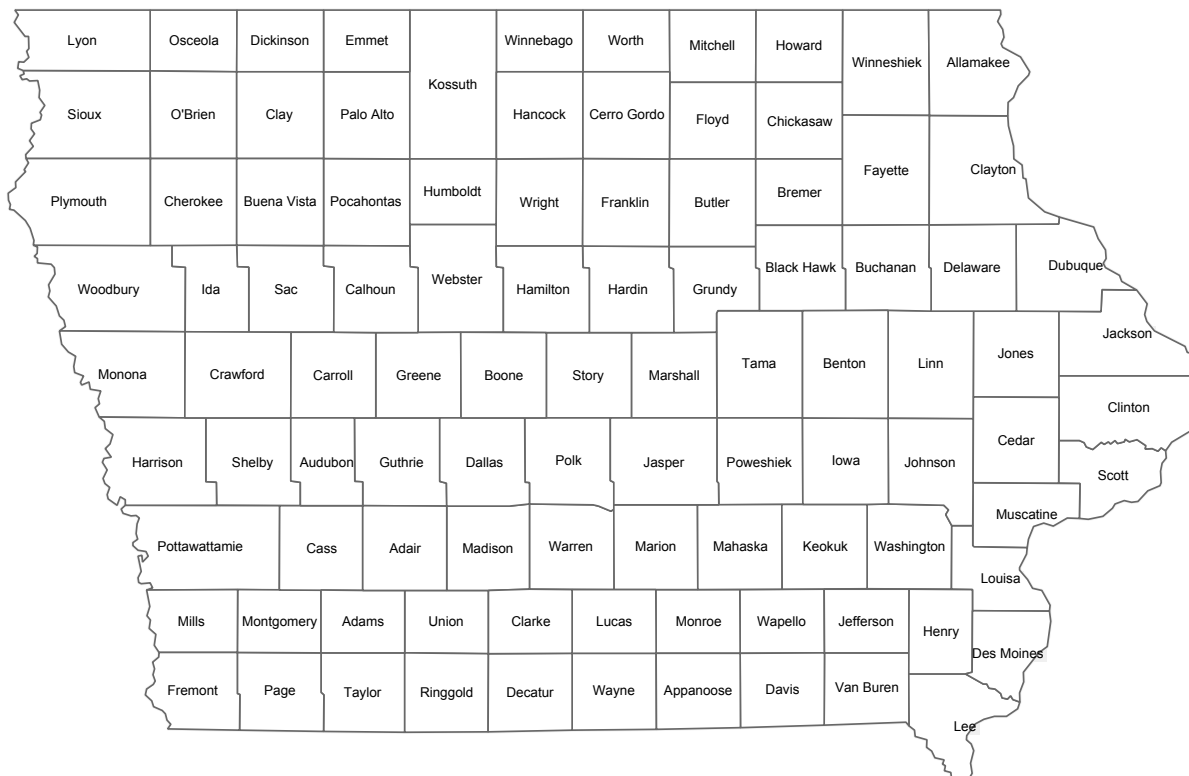
Hospitalization data is collected from the IDSS database. In some instances, cases may have been hospitalized for reasons other than the disease indicated.

Forecasting was done using Tableau forecast models.

Rates were calculated using the April 1, 2010 estimated census population for the State of Iowa.

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 3rd Qtr (Jul-Sep) 2018

Counties A-H

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/Ehrlichiosis	Babesiosis	Bot-Infant	Brucellosis	Campylobacteriosis	Chikungunya	Cholera	CRE	Cryptosporidiosis	Cytosporiasis	Dengue	E. coli (STEC)	Giardiasis	H. influenzae type b	Hansen	Hantavirus	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Hepatitis D	Hepatitis E	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Meningococcal inv. disease	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fever	Rubella	Salmonellosis	Shigellosis	Tetanus	Tularemia	Typhoid/paratyphi	VISA	West Nile virus	Zika virus	Grand Total	
Adair				4							1																				2										7	
Allamakee				13				6			4													3																		26
Appanoose				2				2			1	2												1					1		1		3								13	
Audubon				2				1			1	1																											1		6	
Benton				8				6			7	1												3									1								26	
Black Hawk				8			1	2	3		2	1						1		1		6		2				1				20								48		
Boone	1			8				2			6													2				4		1		7						1		32		
Bremer				2							2	1																					6					3		14		
Buchanan				6				3	4		5	1																1				3								23		
Buena Vista				3			1	1	1		2							1										1												10		
Butler				3							1	1												1								4						1		11		
Calhoun				2				5	1		2																						2					1		13		
Carroll				8				2			6						1											1				2	1							21		
Cass				3							2																													7		
Cedar	1			12				1			1	2																				7								24		
Cerro Gordo				9			1	4	1			1													2																18	
Cherokee								1			2	1																													4	
Chickasaw	1							1			1																						1						1		5	
Clarke				2				3			1																												1		7	
Clay				4				5			1																						1								11	
Clayton				9				6			3						1							4																	23	
Cliinton				9				2			1													1									1								14	
Crawford				3							2													1	1								1								8	
Dallas				13			1	6	1		3	1						2					1	1			1		1		7							1		39		
Davis				1				1																1						1		4								8		
Decatur				1			1	3																																	5	
Delaware				8				9			5	1													1								2								26	
Des Moines				6				5													1				2							4						2		20		
Dickinson								8																1	1								5								15	
Dubuque				25				29	4		14	4						3						1	9							6	1								96	
Emmet				2			1				1	1																											1		6	
Fayette				8				12	1		3													1									1								26	
Floyd				2				1	4																								1						1		9	
Franklin				3				1	1		1																												1		7	
Fremont				1				1																																	2	
Greene				3				1			1	2												1									1						1		10	
Guthrie				2																																					2	
Hamilton				6				3			2	1																					3								15	
Hancock											2																														2	
Hardin				3				1	1																								5							10		
Harrison				2				1																									3					3		9		
Henry				4				2			1														1					1		1						1			11	
Howard				1				1			1																														3	
Humboldt				3									2																				1					2		8		

Case Counts for 3rd Qtr (Jul-Sep) 2018

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	Bot-Infant	Brucellosis	Campylobacteriosis	CRE	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Giardiasis	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Hepatitis D	Hepatitis E	Legionellosis	Listeria	Lyme	Malaria	Mumps	Pertussis	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Typhoid/paratyphi	West Nile virus	Grand Total
Ida				2																							3
Iowa				1		2			3										1					2			9
Jackson				19		7			6										2				4				38
Jasper				15			1		2	1									1				2			1	23
Jefferson																1			1			1					3
Johnson				22		5	3		10	5		1	6			2		19	3		1		15	7		2	101
Jones				6		2			3										1				1	1			14
Keokuk				4					1																		5
Kossuth				5	1	1																	3			1	11
Lee				2		3			2		1								3				2				13
Linn		1	1	43		19	6		18	6		1	3	1		6		14	1		9		15	3			147
Louisa				3		1							1										1				6
Lucas				3		1			3														1				8
Lyon				2		1				3																8	14
Madison				10					1														2				13
Mahaska				2					1														2				5
Marion	1			8		2	1			1												1	3			1	18
Marshall				5					1				2										2	1			11
Mills				3																		2	1			3	9
Mitchell	1			2		5			5																	1	14
Monona				3		1	1		1							1							2			1	10
Monroe				3		2			1	1									1				2	1			11
Montgomery										1													2			1	4
Muscatine				2		3			1			1							2		1		8				18
O'Brien				9					2												1		1			1	14
Osceola				1					1														1				3
Page				3					2														1			1	7
Palo Alto				5			1																1			1	8
Plymouth				2		2	3		4							1			1				4			2	19
Pocahontas						4			1														2				7
Polk	2			81		27	14		41	23			19	1		4		4	3	1	3	2	50	9	1	11	296
Pottawattamie				8					1	1			3						2				1	6		11	33
Poweshiek				2		1																	5			1	9
Ringgold				3						1													1				5
Sac				6		4	1		1	2														2			16
Scott				8		7	6		6	4	1		4			5		7	1	2	5		9			1	66
Shelby				3		3			1																		8
Sioux				12		5	3		6	2	1		1									3	5	1		9	48
Story				13		2	7	1	7	4			4							2	2		4	1		4	51
Tama				7		2			2														3	1			15
Taylor				1					1														2				4
Union				3																			3	1			7
Van Buren				1					1													19				1	22
Wapello				6		4										1							6	1			18
Warren	1			7	1	1			4				1										1			3	19
Washington				2					6										1				4			1	14
Wayne				2		1																2	2			1	8
Webster				6		2	1		5	1									1				2				18
Winneshiek				3																			1				4
Winneshiek	2			5		7			4										4				2				24
Woodbury				9		6			6	3			6						1			1	5			8	45
Worth						1																2	1				4
Wright				2					1														1				4
Grand Total	10	1	1	589	8	272	70	1	250	83	5	3	57	2	2	32	2	100	9	8	55	14	300	31	1	100	2,006

YTD Case Counts

(Counties A-J)

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/ Ehrlichiosis	Campylobacteriosis	Chikungunya	CRE	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Giardiasis	Hansen	Hemolytic uremic syndrome	Hepatitis A	Hepatitis D	Legionellosis	Listeria	Lyme	Malaria	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fever	Rubella	Salmonellosis	Shigellosis	Tetanus	West Nile virus	Grand Total
Adair		4			3			2															2				11
Adams		1																									1
Allamakee		14			5	1		2	1							6							9				38
Appanoose		4			2			2								1				1			5				15
Audubon		1							2														2				5
Benton		3			2	4		6	2					1					1				9	1			29
Black Hawk		5			1	5		4	1					1		2	1	3	1				18	4			46
Boone		7			6	1		3	1							1							7				26
Bremer		1				2										1				1	1		7	1			14
Buchanan		3			5	5		3	1							2		1					2				22
Buena Vista		6		4	3			1	2														7	2			25
Butler		1				1																	6				8
Calhoun		7				1		5	2									1					4				20
Carroll		4			6			2															4				16
Cass		1			3											1						1					6
Cedar		2						2	1							1							2				8
Cerro Gordo		10		1	1	3		1												20			13				49
Cherokee	1	1			1			1	1														1				6
Chickasaw		1														1							3				5
Clarke	1	10			5			3												1			1	1			22
Clay		3			1				2														5				11
Clayton		8			4	1		5	1							4				5			4				32
Clinton		5			5	3								2				1	1				8				25
Crawford		5			4			1				1					2						1	1			15
Dallas	1	16			6	7		7	2							2		1					15	3			60
Davis		1																					2				3
Decatur									1							1											2
Delaware		16			10			4	3														8				41
Des Moines		7			8			2	1					2									12	1			33
Dickinson		2			2											1							1				6
Dubuque	1	24			11			11	5	1	1			2		19	1	1	3				16	4			100
Emmet	1								1												1		3				6
Fayette		5			2	2		3								1				17			4			1	35
Floyd		3				4		1	1														2				11
Franklin		5																					4				9
Fremont		1			1			1																			3
Greene		6						1														1	5				13
Grundy		2																					2				4
Guthrie		5			2																		1	1			9
Hamilton		3			2											1				1			2				9
Hancock		2							1														1				4
Hardin		3				1		1															1				6
Harrison		1																					2				3
Henry					2											1							3				6
Howard		8						1															4				13
Humboldt		9				2		3										1					1				16
Ida		5			1																		1				7
Iowa		4			3			3								1							2	1			14
Jackson		9			4			3	2							2		2					9				31
Jasper		8			5	2		3	5							1							10				34
Jefferson		3							2							3	1		3				2				14
Johnson	2	22			6	6		19	10					1	2	31	2	1	2				18				122
Jones		7			16			1	2							1				1			6				34

YTD Case Counts (Counties K-W)

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/Ehrli...	Bot-Infant	Brucellosis	CRE	Cyclosporiasis	Dengue	Giardiasis	Hansen	Hemolytic uremic s...	Hepatitis A	Hepatitis B (acute/...	Hepatitis D	Hepatitis E	Legionellosis	Listeria	Lyme	Malaria	Meningococcal inv...	Mumps	Pertussis	Q Fever (acute an...	Rocky Mountain sp...	Shigellosis	Typhoid/paratyphi	West Nile virus	Zika virus	Cryptosporidiosis	E. coli (STEC)	Salmonellosis	Campylobacteriosis	Total	
Lee	1			2					1					1		4						1					4	2	7	3	26	
Linn		1	1		21		9			2	12	2		8	1	43	2			2	15		2	5			30	32	101	81	370	
Louisa											1											1				1	1		4	4	12	
Lucas							1																				6	3	4	9	23	
Lyon							3				1														8		7	2	3	10	34	
Madison							3																				2	9	10	12	36	
Mahaska							1																				1	5	8	4	19	
Marion	2				5		2									2		1				1			1		4		9	17	44	
Marshall				1			2				5			1	1									1			1	4	11	6	33	
Mills							2																4		3		1		2	8	20	
Mitchell	1				3		1																		1		10	9	4	6	35	
Monona					2						1			1											1		2	1	2	4	14	
Monroe	2						2									2								1	1		3	2	3	3	19	
Montgomery							2																		1		1		7	1	12	
Muscatine	1									1	2			2		5	1		2				1				3	1	18	10	47	
O'Brien																				1	1		2		1		3	2	6	16	32	
Osceola											1													1			3	4	1	9	19	
Page																									1			2	3	4	10	
Palo Alto					1		1									1									1		1		1	7	13	
Plymouth					6		1							1		1									2		12	7	12	6	48	
Pocahontas					1						1																4	2	5	7	20	
Polk	2			1	40		42			1	62	2		8	10	7		5	9			4	19	1	11	56	71	147	233	731		
Pottawattamie							3				5					2							1		11		2	2	19	18	63	
Poweshiek							2				1					1					1				1		1	1	8	4	20	
Ringgold							2																1				2	2	1	7	15	
Sac					1		3			1														2			14	4	2	14	41	
Scott					7		7		2	1	7			5		11	1		2	12				9	1		11	20	30	23	149	
Shelby																									1		5	1	9	6	22	
Sioux					3		3		1		1										4		1		9	19	15	21	31	108		
Story					30	1	6				10				1	1		3	2				3	4		6	12	20	25	124		
Tama																2								1		3	4	11	15	36		
Taylor				1																								2	4	1	8	
Union											1													2			1	1	11	7	23	
Van Buren	1						1													19	1				1		2		3	28		
Wapello	1										2			1	1	1								1		9	1	11	13	41		
Warren	1			1			3				2			1		2					1				3		5	9	17	16	61	
Washington							1				1					2						4			1		1	6	10	5	31	
Wayne							2																2		1		1	1	4	2	13	
Webster					1		1				1					5											6	14	21	22	71	
Winnebago																											2	3	3	5	13	
Winneshiek	2				3		1				2					9										9	5	3	13	47		
Woodbury				1	4		5				15				1	2						1			8	27	10	27	24	125		
Worth						1																					1		1	1	6	
Wright					1																								3	5	17	26
Grand Total	24	1	1	19	208	1	195	1	7	8	186	4	2	53	7	250	25	1	28	138	6	25	77	2	102	1	575	497	###	###	###	

Case Counts for Oct 1, 2017 - Sep 30, 2018 Counties A-E

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/Ehrlichiosis	Babesiosis	Bot-Infant	Brucellosis	Campylobacteriosis	Chikungunya	Cholera	CRE	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Giardiasis	H. influenzae type b	Hansen	Hantavirus	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Hepatitis D	Hepatitis E	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Meningococcal inv. disease	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fe..	Rubella	Salmonellosis	Shigellosis	Tetanus	Tularemia	Typhoid/paratyphi	VISA	West Nile virus	Zika virus	Grand Total		
Adair					8				3			3																2				5										21	
Adams					1							1																					1										4
Allamakee	1				30				12	1		7	1												9								12										73
Appanoose					9				5			3	2						1					1	1				1	1	1		10									35	
Audubon					3				1			2	3																				2							1		12	
Benton					16				11	4		15	3						1					1	4				5	1			11	1								73	
Black Hawk					15		1	5	8		6	3							8		1		7	4	1	1	3	8				44	4								119		
Boone	1			1	17				8	1		9	1												3				4		1		22							1		69	
Bremer					4					2		2	1						1						1					1	1		14	1						3		31	
Buchanan					11				8	9		8	2	1					1						2				1	1			6									50	
Buena Vista					13		5	4	1			3	2						3											1			8	4								44	
Butler					4					1		1	2											1									11							1		21	
Calhoun					14				5	2		8	2						1										1		1		7								1		42
Carroll					13				10			8					1													1			9	1									43
Cass					5				3			2	1						2						1						1		4									19	
Cedar	1				16				1			4	3						1						1								10									37	
Cerro Gordo					22		2	5	4			2	2						1					1	2				20			13										74	
Cherokee	1				1				2			4	2																			2										12	
Chickasaw	1				1				1			1													1							4									1		10
Clarke	1				16				9			4																		1			2	1								35	
Clay					9				7			1	2						1														7									27	
Clayton					21				19	1		8	1				1		1						9					5			4										70
Clinton					20				9	3		1							5					3	1				1	1			10										54
Crawford					15				5			3							1	5					1	3						2	1										36
Dallas	2				42		1	12	8			12	5						5				1	3				2	5		1	24	5								1		129
Davis					3				2										1						1						1		6										14
Decatur					1		1	4				1	1												1																		10
Delaware					26				21			11	5												1								10										74
Des Moines					14				15			2	1								1			2	2							16	1								2		56
Dickinson					6				10															1	2								6										25
Dubuque	1				61				43	4		27	13		1	1			7				4	1	31	1		1	3			28	6									233	
Emmet	1				3		1	2				1	2																		1		3								1		15

Case Counts for Oct 1, 2017 - Sep 30, 2018

Counties F-L

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/Ehrlichiosis	Babesiosis	Bot-infant	Brucellosis	Campylobacteriosis	Chikungunya	Cholera	CRE	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Giardiasis	H. influenzae type b	Hansen	Hantavirus	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Hepatitis D	Hepatitis E	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Meningococcal inv. disease	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fever	Rubella	Salmonellosis	Shigellosis	Tetanus	Tularemia	Typhoid/paratyphi	VISA	West Nile virus	Zika virus	Grand Total														
Fayette					13				14	3		8							1									17												1				67											
Floyd					6				1	8		1	1												1																		1			24									
Franklin					8				1	1		2																																1			20								
Fremont					3				2			1																			1															8									
Greene					11				1			3	3																																1			27							
Grundy					2																																										8								
Guthrie					9				2			1	1							1									1	2																	21								
Hamilton					12				6			2	1							1																											29								
Hancock					3							2	1																																		7								
Hardin					8				1	2		2	1																																		21								
Harrison	1				3				1																																						15								
Henry					5				4			1																																			1		18						
Howard					9				1			2																																				18							
Humboldt					13						2	3	2																																			2		25					
Ida					7				2																																							1		11					
Iowa					6				6			6	1																																				1		27				
Jackson					33				11			10	3																																					13		79			
Jasper					30				6	3		7	6																																					1		71			
Jefferson					7								3																																						2		25		
Johnson	2				51				14	9		30	17																																						2		266		
Jones					16				18			5	5																																						1		58		
Keokuk					8				4			2																																								1		19	
Kossuth					11				1	3	1		1																																							1		26	
Lee	1				5				7	6		3	1																																							1		38	
Linn					1	1			32	21		36	21																																								2		424
Louisa					5				1			1																																								1		14	
Lucas					12				8			6	2																																								1		33
Lyon					11				8			2	3																																								8		40

Case Counts for Oct 1, 2017 - Sep 30, 2018

Counties (M-W)

Confirmed, Probable, and Suspect Cases

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

	Anaplasmosis/Ehrlichiosis	Bot-Infant	Brucellosis	Campylobacteriosis	CRE	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Giardiasis	H. influenzae type b	Hansen	Hemolytic uremic syndrome	Hepatitis A	Hepatitis B (acute/chronic)	Hepatitis D	Hepatitis E	Legionellosis	Listeria	Lyme	Malaria	Meningococcal inv. disease	Mumps	Pertussis	Q Fever (acute and chronic)	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Tularemia	Typhoid/paratyphi	West Nile virus	Zika virus	Grand Total			
Madison				16		2			10	4																11		1					44			
Mahaska				8		1			5	2																10								26		
Marion	2			19		4	5		1	2												1			1	10					1		49			
Marshall				11	1	1			5	2				8	1		1		1							12	1						44			
Mills				9		1			1	2								1								4	2				3		23			
Mitchell	1			11		11	3		9	1																5					1		42			
Monona				4		2	2		1	1					1		1									3					1		16			
Monroe	2			3		4			4	2											2			1		3	1				1		23			
Montgomery				4		1				2																7						1		15		
Muscatine	1			12		3			7					1	4			2		6	1		2			19	1						59			
O'Brien				21		3			2	1													1	1		2	7					1		39		
Osceola				9		4			4						1											1	1						20			
Page				6					2																	3						1		12		
Palo Alto				10		1	1			1									1							2						1		17		
Plymouth				8		16	6		7	1								1		1						12						2		54		
Pocahontas				9		4	1		2						1											8								25		
Polk	2			288	1	74	40		86	51				2	83	3		10		13	10		5	13	1	6	175	26		1	11		901			
Pottawattamie				20		5		1	4	3					5			2		2				2	2	23						11		80		
Poweshiek				6		2			3	2					1					1				1	1	10						1		28		
Ringgold				8		2			2	2										1						1	1							17		
Sac				16		15	1		4	6					1												4	2						49		
Scott	1			34		12	7		23	11			2	1	8			7		13	1		2	30		33	39					1		225		
Shelby				6		6			2				1												1	11							1		28	
Sioux				36		25	3		15	4			1		2									4		25	2					9		126		
Story				30		8	30	1	14	8					14				1	1	1		3	2		25	3				4		145			
Tama				16		6			4												2					12	1							42		
Taylor				1	1				2																	4								8		
Union				9		1			1						1											11	2							25		
Van Buren	1			5		2			2	1														19	1								1		32	
Wapello	1			19		9			3						5	1		1	1	1					1		13	1						56		
Warren	1			23	1	6			9	4					3			1		2					2		22						3		77	
Washington				8		2			6	1					1					2					4		11						1		36	
Wayne				2		1			1	2																	2	5						1		14
Webster				24		6	1		14	2					1					5							23								76	
Winnebago	1			6		4			3																	3								17		
Winnesiek	2			16		14	3		5	1					2					13						3								59		
Woodbury				26	1	30	4	1	11	5					19					1	2			1		27	1					8		137		
Worth				2		2	1		1															2		1									9	
Wright				20			1		3																	6	4								34	
Grand Total	29	1	2	1621	24	685	208	3	573	258	1	1	8	10	255	7	2	65	8	278	30	2	37	190	10	32	1157	130	2	2	102	1	5734			

Cryptosporidium

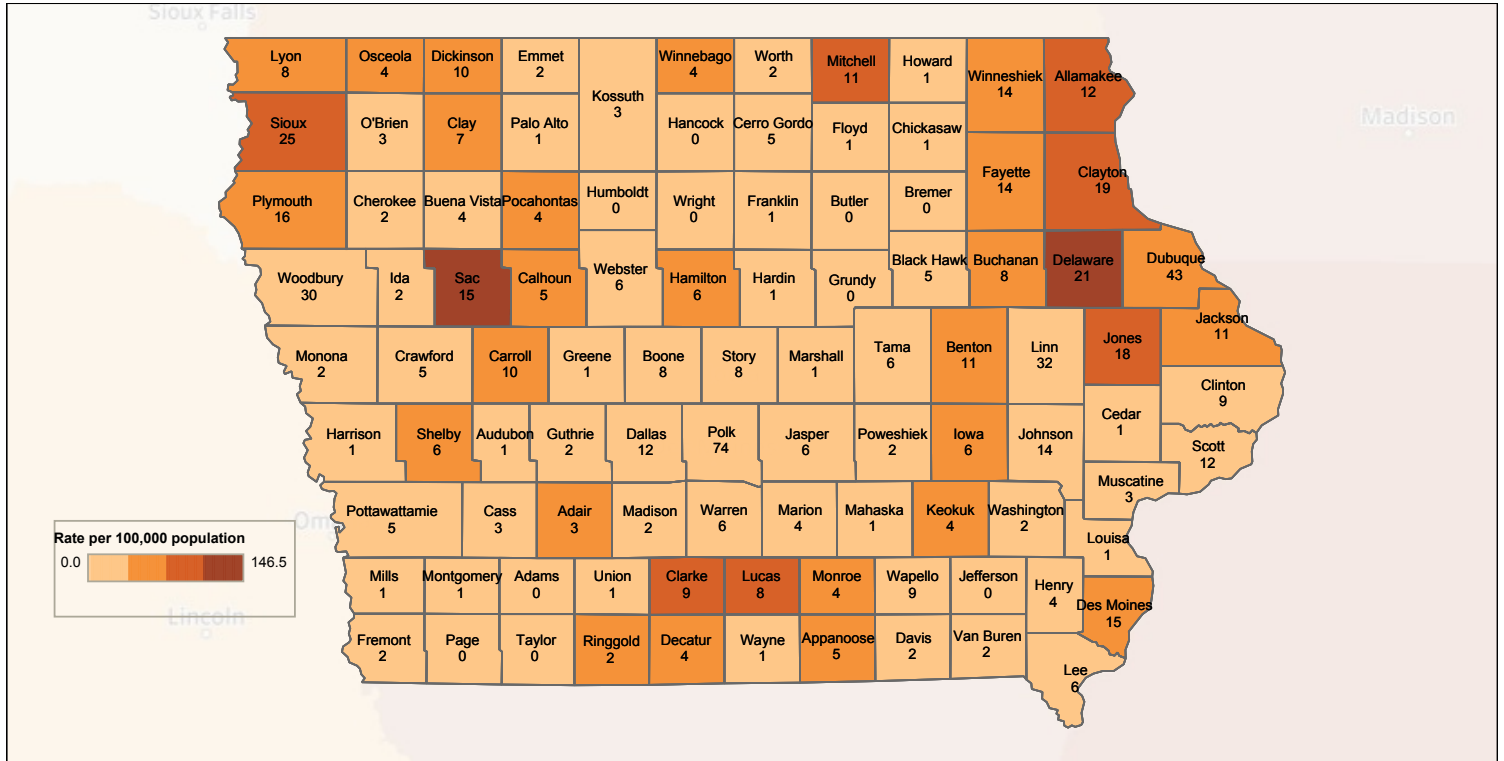
Number of cases in the 3rd Qtr 2018

272

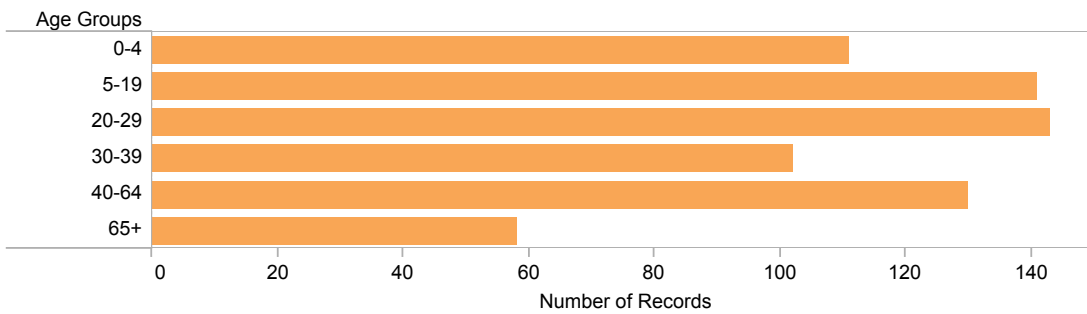
Number of cases in the past 12 months

685

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



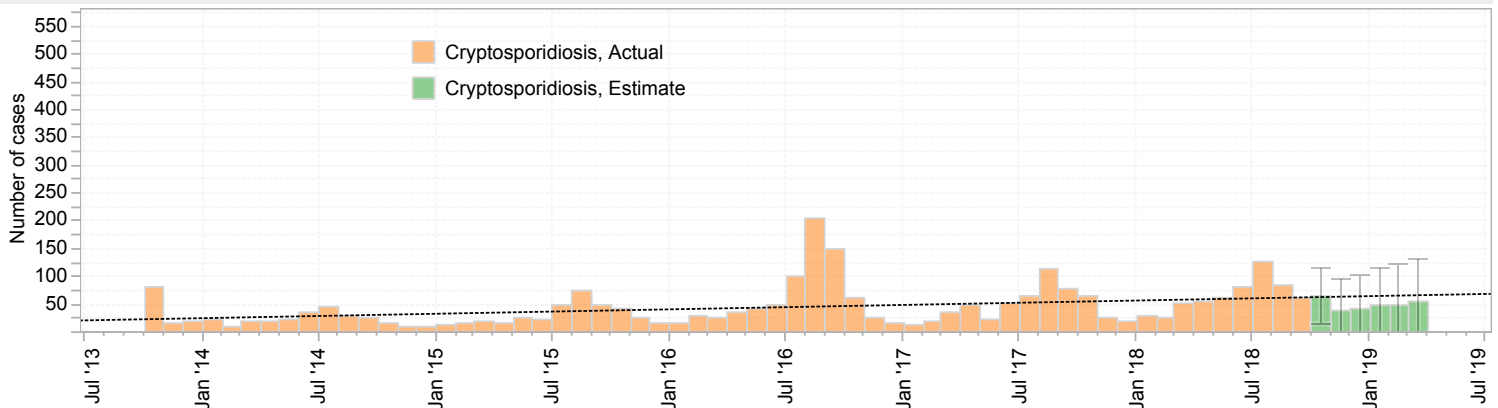
Hospitalizations in the past 12 months

51 (7%)

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)

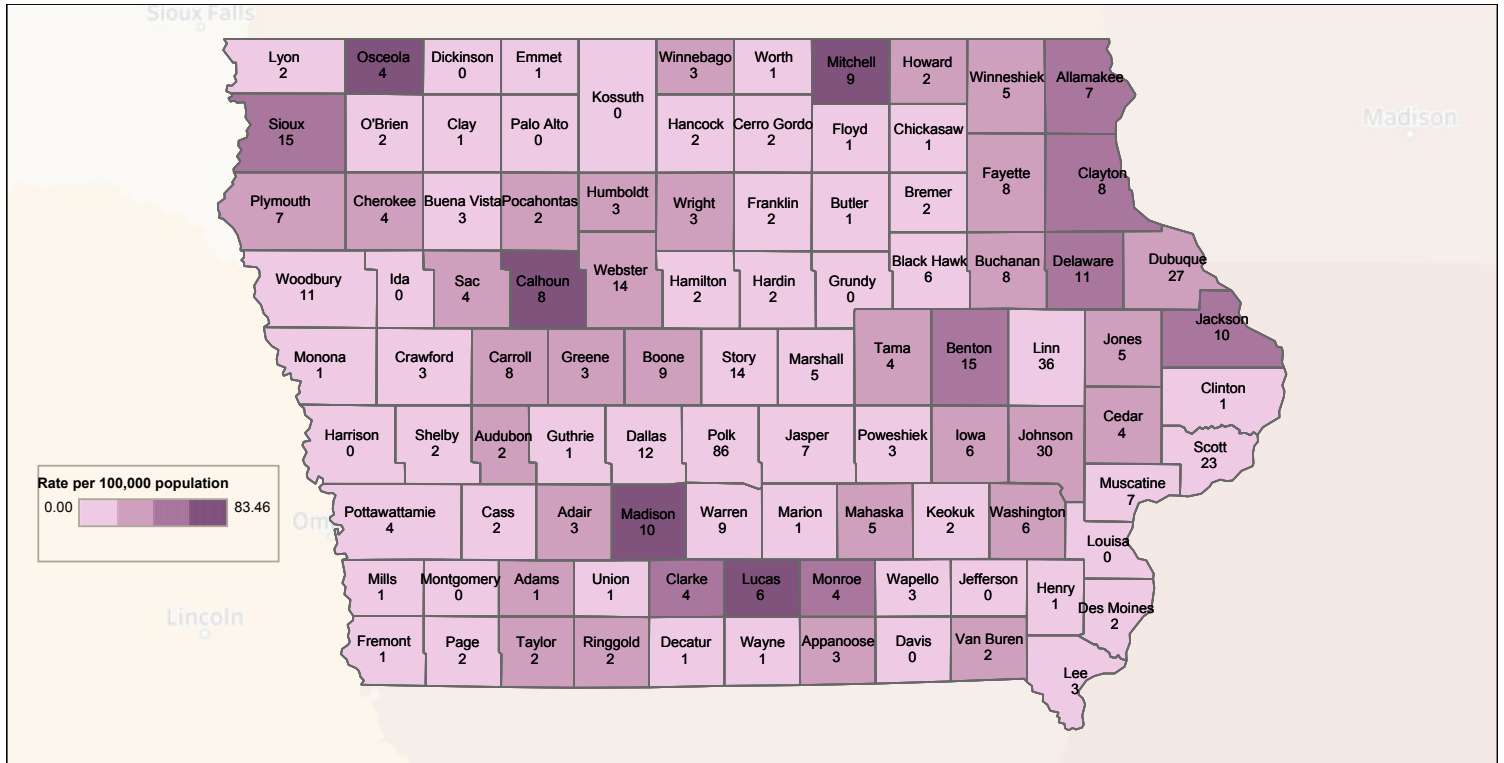
Number of cases in the 3rd Qtr 2018

250

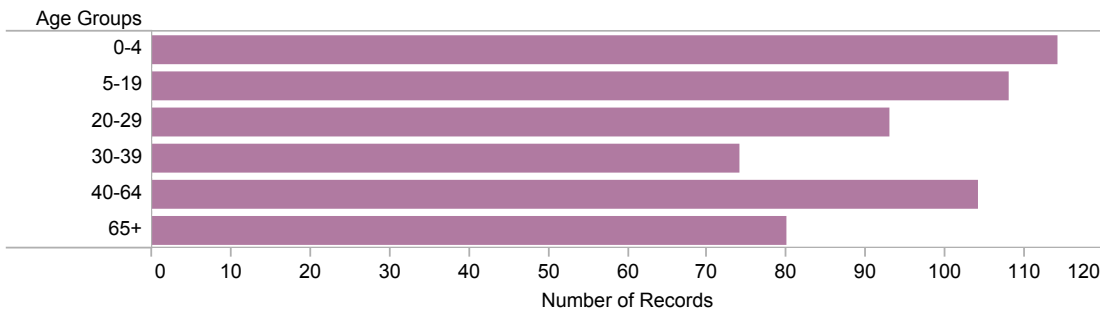
Number of cases in the past 12 months

573

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.



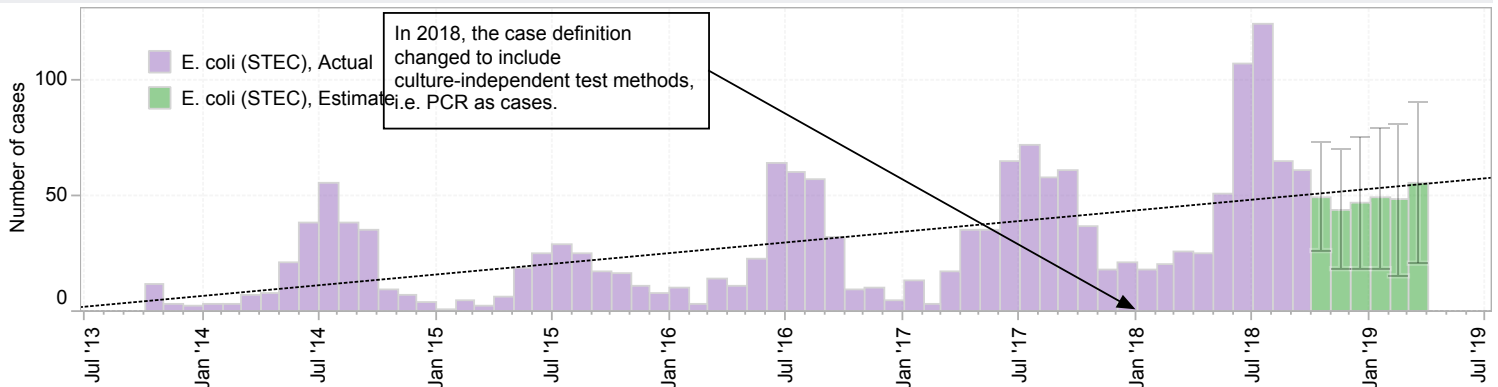
Hospitalizations in the past 12 months

60 (11%)

E. coli cases by gender past 12 months

Female	323
Male	250

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



Giardia

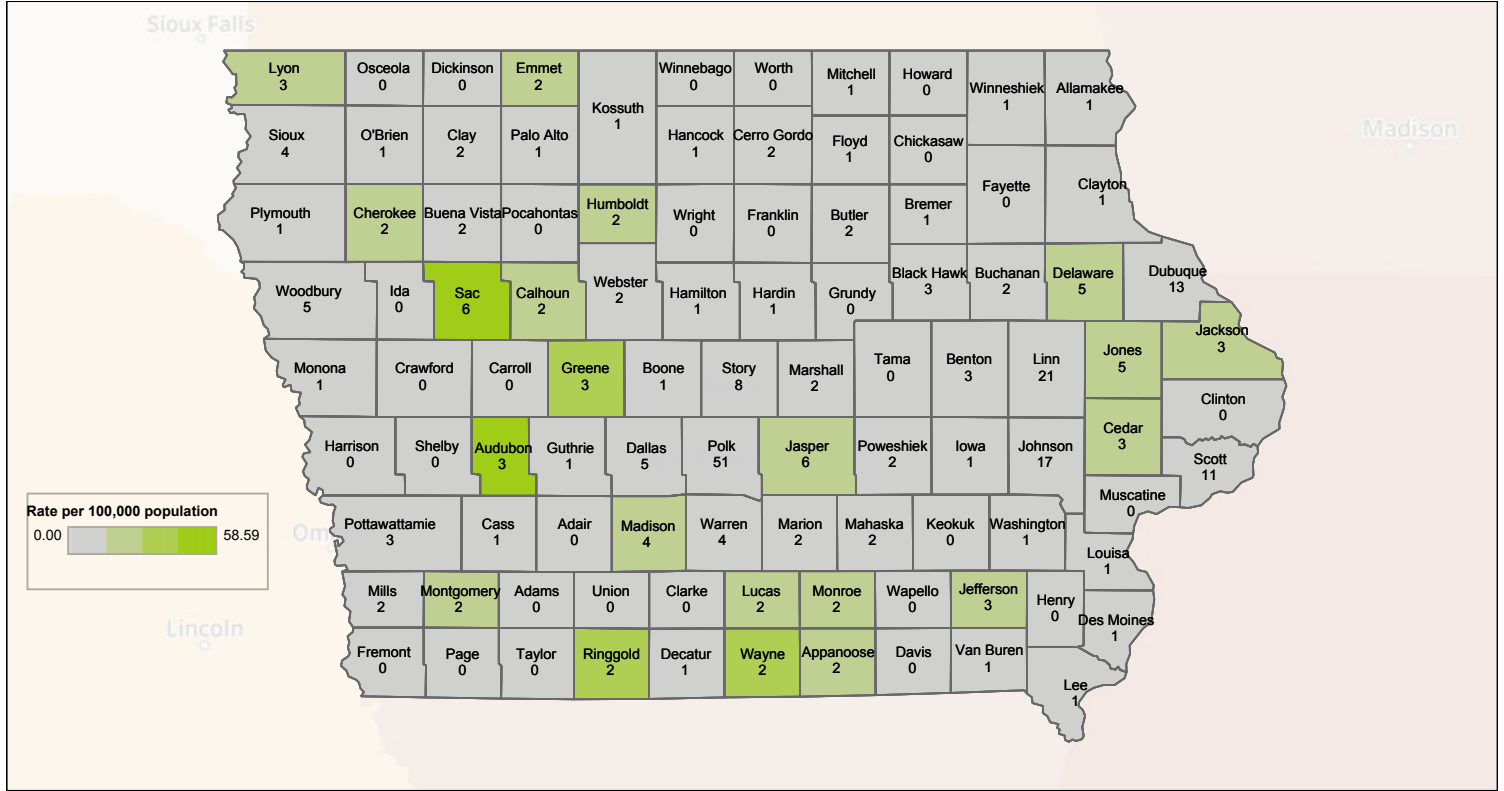
Number of cases in the 3rd Qtr 2018

83

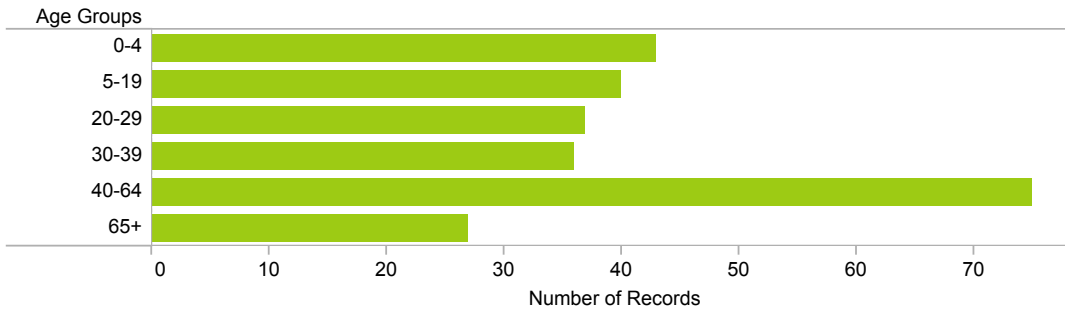
Number of cases in the past 12 months

258

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.



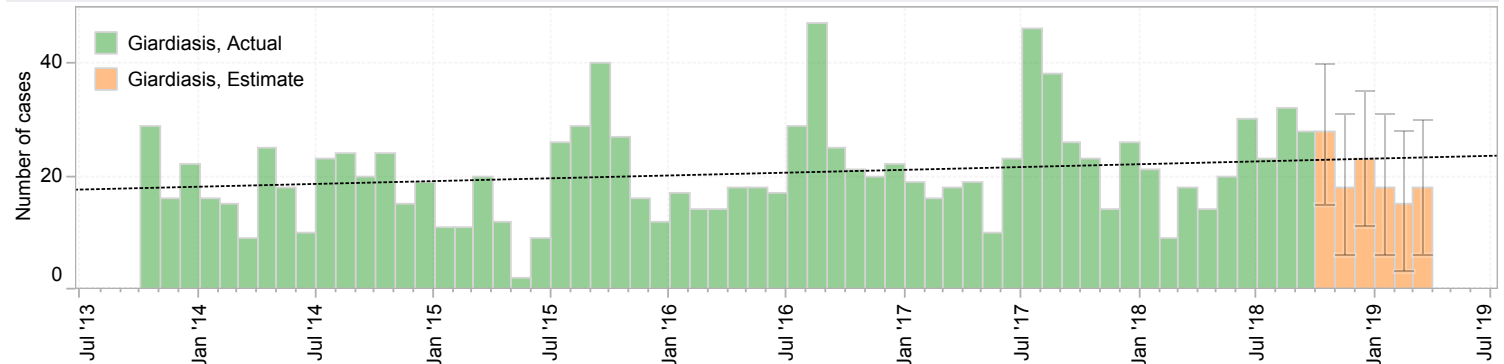
Hospitalizations in the past 12 months

17 (7%)

Giardiasis cases by gender past 12 months

Female	114
Male	144

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



Lyme disease

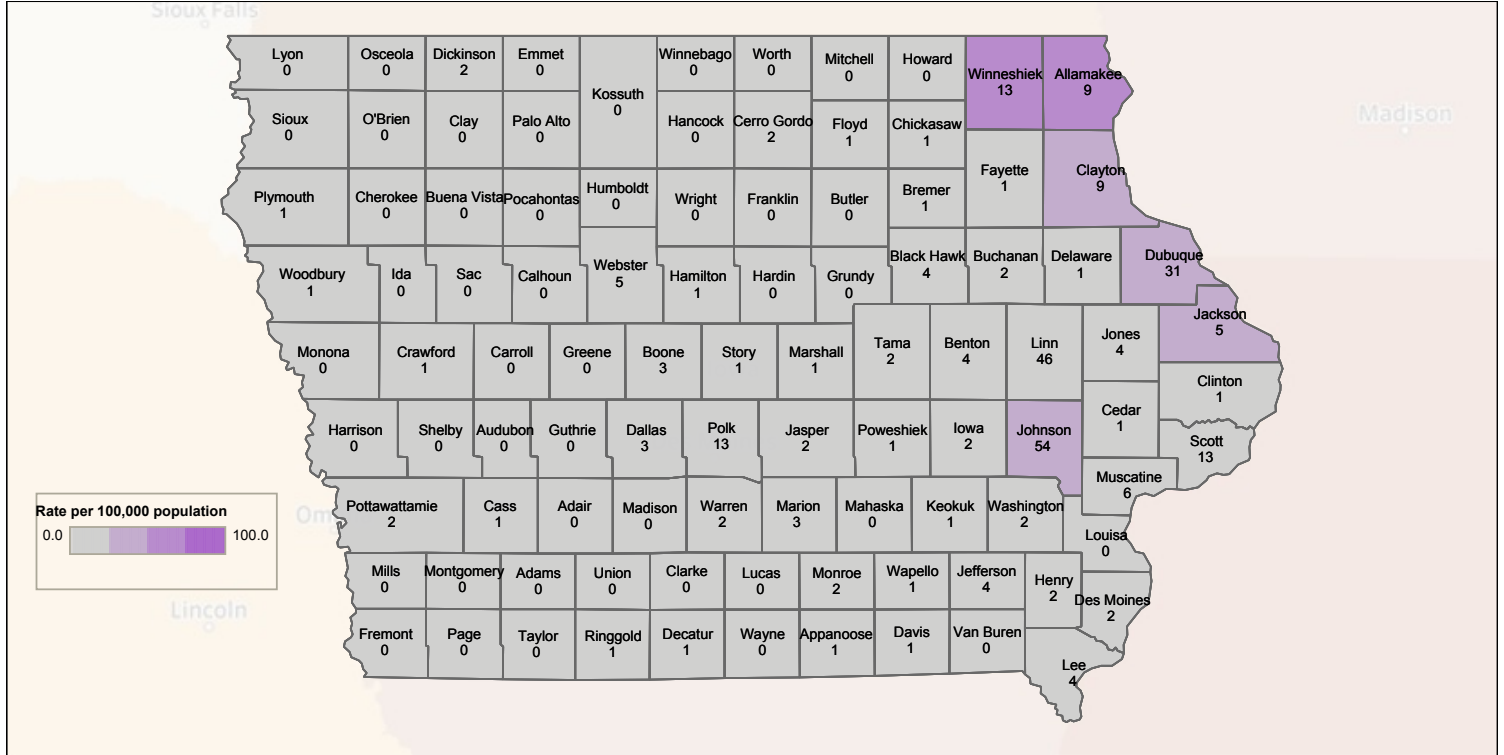
Number of cases in the 3rd Qtr 2018

100

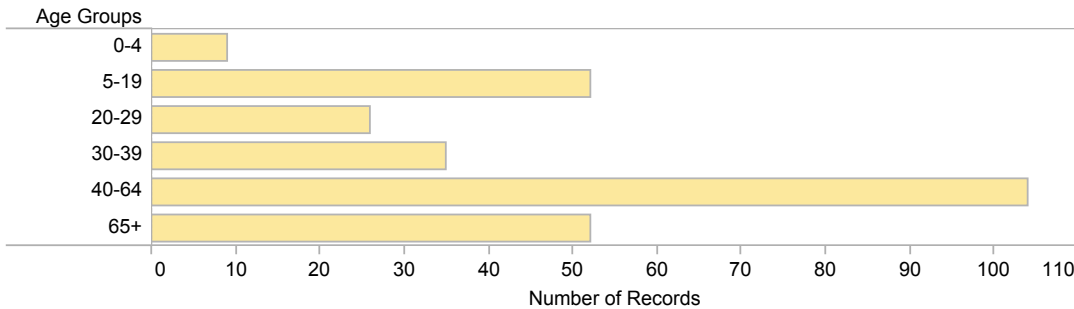
Number of cases in the past 12 months

278

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.



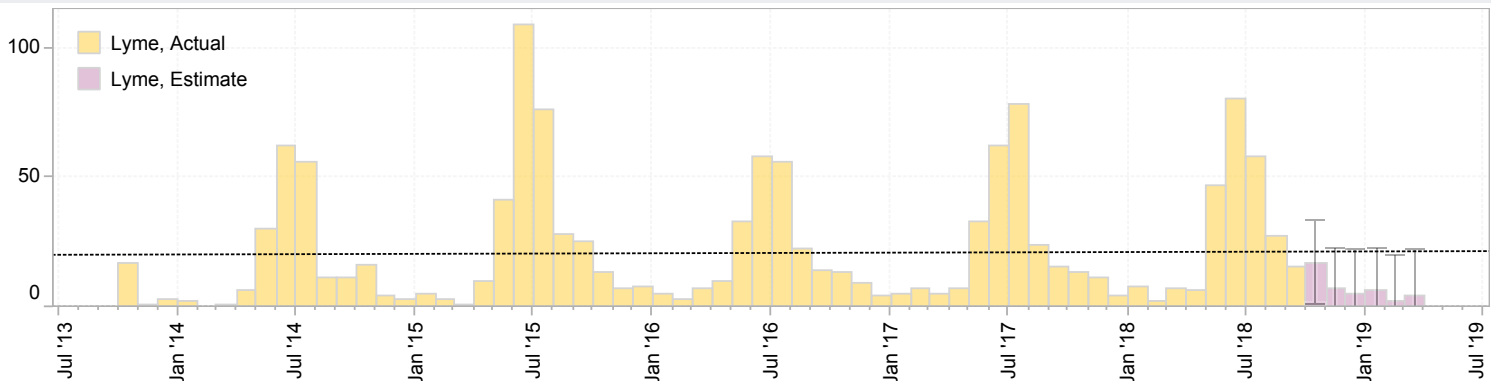
Hospitalizations in the past 12 months

10 (4%)

Lyme disease cases by gender past 12 months

Female	116
Male	162

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



Salmonella

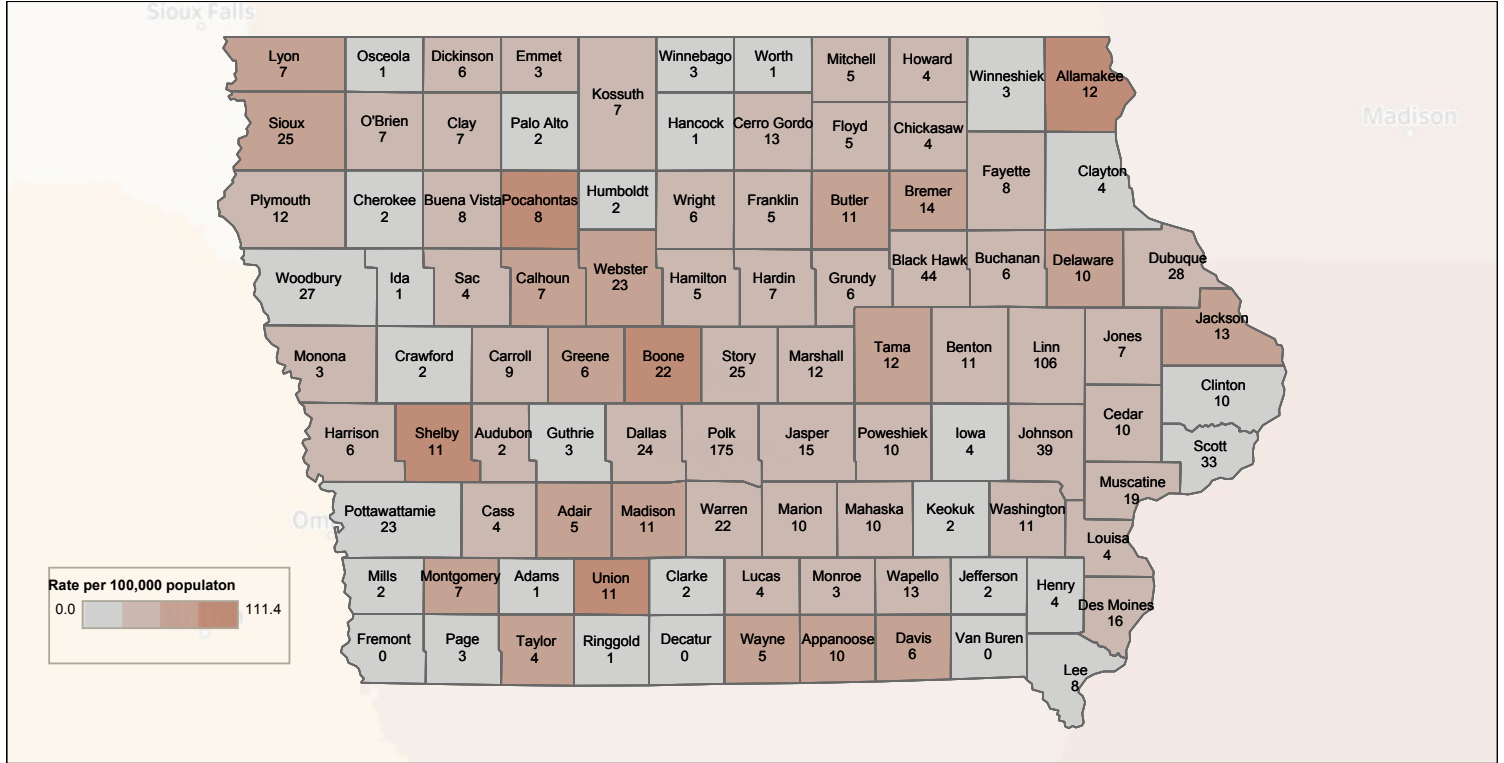
Number of cases in the 3rd Qtr 2018

300

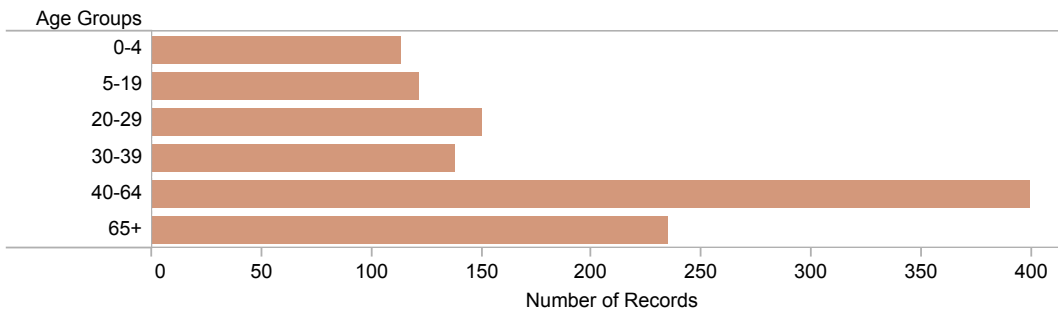
Number of cases in the past 12 months

1,157

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.



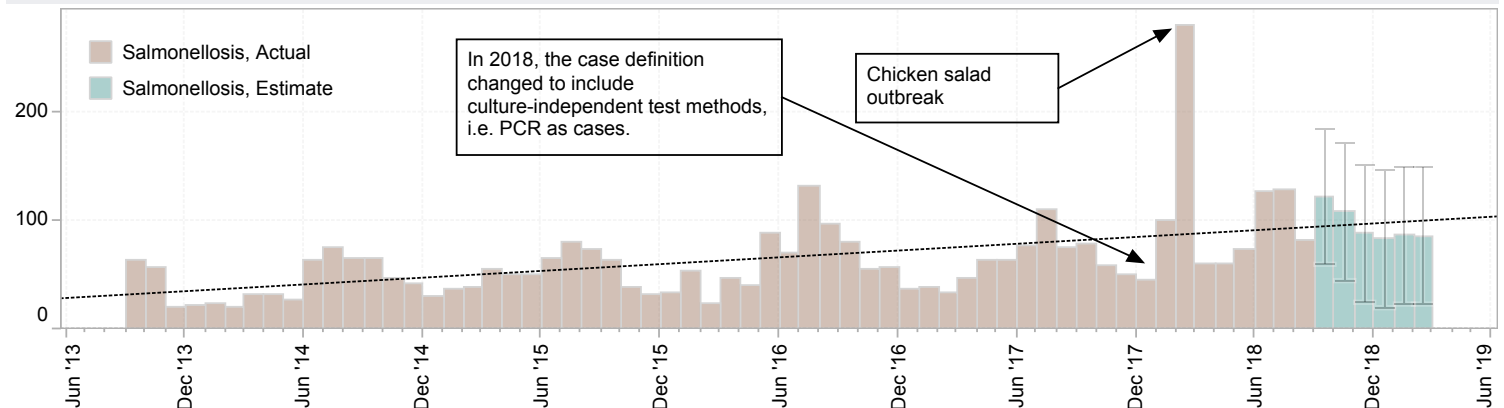
Hospitalizations in the past 12 months

211 (18%)

Salmonellosis cases by gender past 12 months



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



Shigella

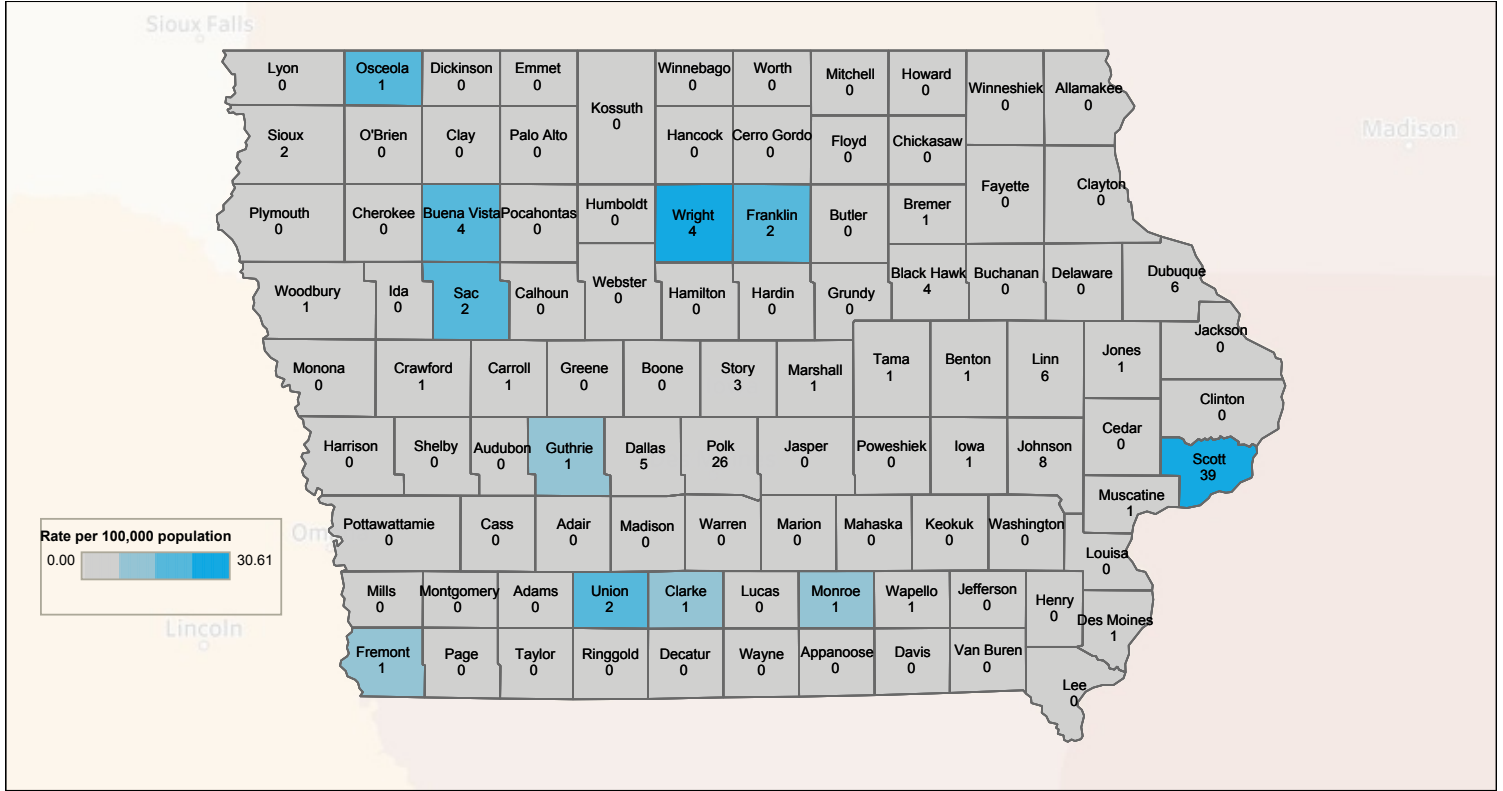
Number of cases in the 3rd Qtr 2018

31

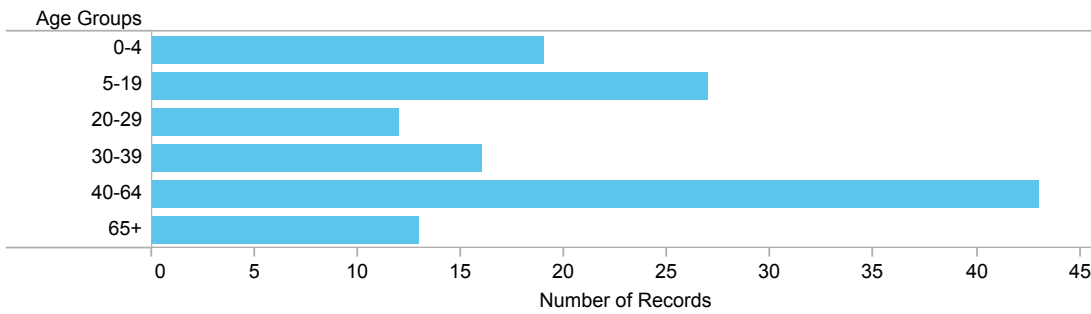
Number of cases in the past 12 months

130

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.



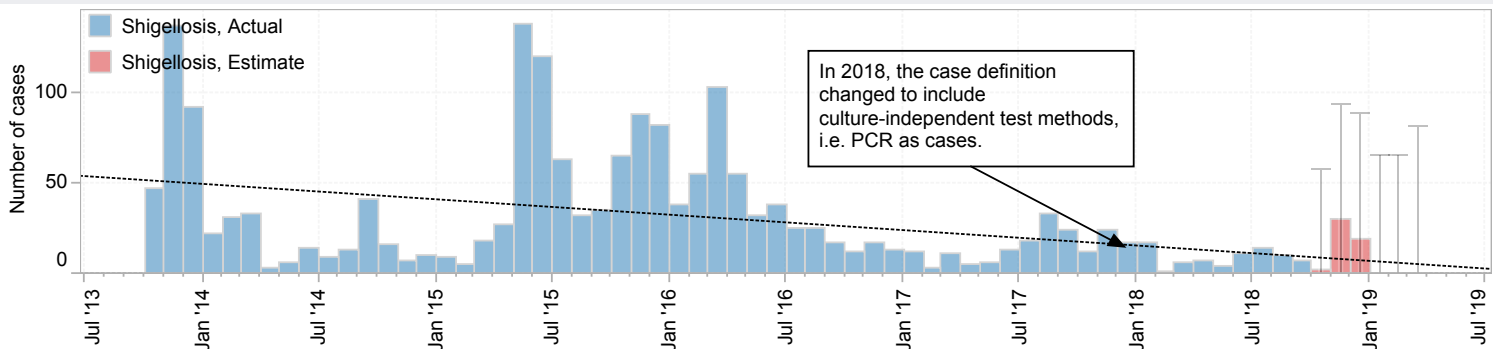
Hospitalizations in the past 12 months

22 (17%)

Shigellosis cases by gender past 12 months

Female	72
Male	58

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



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