

National Enteric Disease Surveillance: Shiga toxin-producing *Escherichia coli* (STEC) Annual Report, 2011

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Appendix 1. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup, age group and sex, 2011

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
All	< 1 Year	90	83	11	184
	1 to 4 Years	617	690	65	1372
	5 to 9 Years	246	332	29	607
	10 to 19 Years	493	479	38	1010
	20 to 29 Years	431	274	21	726
	30 to 39 Years	218	103	10	331
	40 to 49 Years	189	97	4	290
	50 to 59 Years	222	109	10	341
	60 to 69 Years	252	124	16	392
	70 to 79 Years	152	64	15	231
	80+ Years	107	38	11	156
	Unknown Age	60	26	37	123
	Total		3077	2419	267
O157	< 1 Year	19	24	2	45
	1 to 4 Years	250	307	23	580
	5 to 9 Years	144	188	16	348
	10 to 19 Years	196	210	17	423
	20 to 29 Years	156	107	9	272
	30 to 39 Years	70	30	3	103
	40 to 49 Years	78	35	1	114
	50 to 59 Years	96	38	6	140
	60 to 69 Years	98	45	6	149
	70 to 79 Years	64	27	7	98
	80+ Years	39	14	3	56
	Unknown Age	10	10	18	38
	Total		1220	1035	111
Non-O157 and undetermined	< 1 Year	47	34	3	84
	1 to 4 Years	278	297	25	600
	5 to 9 Years	73	95	8	176
	10 to 19 Years	197	208	15	420
	20 to 29 Years	184	117	5	306
	30 to 39 Years	80	38	7	125
	40 to 49 Years	59	29		88
	50 to 59 Years	54	33	3	90
	60 to 69 Years	81	26	2	109
	70 to 79 Years	29	16	4	49
	80+ Years	31	8	2	41
	Unknown Age	11	8	11	30
	Total		1124	909	85

Appendix 1. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup, age group and sex, 2011

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
Rough	< 1 Year		2	1	3
	1 to 4 Years	6	8	1	15
	5 to 9 Years	3	5		8
	10 to 19 Years	8	4	1	13
	20 to 29 Years	6	5	1	12
	30 to 39 Years	2	3		5
	40 to 49 Years	1	1		2
	50 to 59 Years	6	2		8
	60 to 69 Years	1	3		4
	70 to 79 Years	2			2
	80+ Years		2	1	3
	Unknown Age	1		3	4
	Total		36	35	8
Unknown	< 1 Year	24	23	5	52
	1 to 4 Years	83	78	16	177
	5 to 9 Years	26	44	5	75
	10 to 19 Years	92	57	5	154
	20 to 29 Years	85	45	6	136
	30 to 39 Years	66	32		98
	40 to 49 Years	51	32	3	86
	50 to 59 Years	66	36	1	103
	60 to 69 Years	72	50	8	130
	70 to 79 Years	57	21	4	82
	80+ Years	37	14	5	56
	Unknown Age	38	8	5	51
	Total		697	440	63

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2011

Serogroup	States																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
O103		2	3	17	52	23	7			8	15		17	8		24	1
O104					1												
O110					1												
O111		2	3	8	23	13	1		1	7	8		23	4		6	
O112							1										
O113				1	3												
O116					1												
O118			1	1	15	2	1			3	6						
O121		2	1	1	13	8	1				1		5	16		7	1
O123																1	
O124				1	1												
O126										1							
O128					1						1						
O130					1												
O140							1										
O145		3	1		4	1	1				1		13	2			
O146					2		1										
O152				1													
O153				1	2		1										
O156					1												
O157	7	24	19	19	203	47	20		3	19	30	13	88	37	100	55	
O158					1												
O163						1											
O165											1						
O174				1	2					1							
O175											1					1	
O177					3												
O178										1							
O181						1											
O185				1													
O186											2						
O23						1											
O26		3	3	15	78	45	1		1	4	18		11	38		11	

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2011

Serogroup	States																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
O39																1	
O42					1												
O43					1												
O45					1	1			2		2		7			7	
O5				1		2											
O54											1						
O6											1						
O69			2		4	1					2						
O7							2										
O71					2						1					1	
O76					7	1				2	1						
O77					1												
O79					1												
O8						1											
O80						1					2						
O84					3												
O88					1												
O91					3												
O98					1												
Rough			1		31	6	3		2	7	8						
Unknown		26	9	5		30	19	4	7	1	87					3	22
Total	7	62	43	73	465	185	60	4	16	54	189	13	164	105	100	117	24

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2011

Serogroup	States																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
O103	6		9	6	3	15	20	44			11	2	10		23	7	
O104			1			2				1							
O11																1	
O111	5		10	3	5	3	22	41		1	1	1	6	2	10	2	
O113															1		
O118			1	1											5		
O121	3				3		8	15		6	2	2	2		1	4	
O125															2		
O130																1	
O137				1													
O143															1		
O145	2					1	7	8			2	1	2		2	1	
O153							1								2		
O157	46	8	22	21	7	73	146	130	9	10	38	5	34	2	36	12	6
O159							1										
O165			1														
O171															1		
O177															1		
O178															1		
O181															1		
O186															2		
O22															1		
O26	7		3	7	5	15	24	40		11	10	1	9		23	9	
O45			3	3		27	5	3			2				13		
O49															1		
O5	1		1														
O52															1		
O55							1										
O69															6		
O76															2		
O8																1	
O84																1	
O91	1		1							1					1	1	
O96					1												
Rough				1			5								1	2	
Undetermined	1		2														
Unknown		15	1		1	116	45	28	7	9	63	7	13	1	9	9	12
Total	72	23	55	43	25	252	285	309	16	39	129	19	76	5	147	51	18

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2011

Serogroup	States															
	NY	OH	OK	OR	PA	RI	SC	SD	TN	UT	VA	VT	WA	WI	WV	WY
O1			1													
O103	40	12	16	12	30				7	21	13		17	43	3	1
O104											1			1		
O111	19	11	16	5					5	4	8		2	39		2
O113			1													
O118	4		1	1					2		2			1		
O119													1	1		
O121	8	3	7	5	4					20	2		14	8		3
O123			1						2							
O124				1												
O125															2	
O128											1					
O145	5		1	2	4				1	3			3	3		
O146	1		1													
O152	1															
O153											1					
O156				1												
O157	119	116	38	67	100	1	12	34	67	61	56	10	113	275	3	5
O163	1															
O164									1							
O165	1												1	2		
O172				1												
O174	2															
O2				1												
O22	2															
O26	24	21	19	27	20				2	33	18		31	21	2	1
O38	1															
O45	18	5	1		12					1	4			16	2	
O49			1													
O5	2		1											1		
O52									1							
O55					1											
O60			1													

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2011

Serogroup	States															
	NY	OH	OK	OR	PA	RI	SC	SD	TN	UT	VA	VT	WA	WI	WV	WY
O69	2		1						2					2		
O71	1												1			
O74	2		1													
O76	1															
O80													1	1		
O82	1															
O84	1															
O91	3										2			1		
Rough				3	1				4		1			3		
Undetermined	3										1		1			
Unknown	20	285	1	14		6	17	1	60	90	1		2	150	4	
Total	282	453	109	140	172	7	29	35	154	233	111	10	187	568	16	12

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2001–2011

Serogroup	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
O1		1	1			1	1			1	1	6
O10			1			1						2
O100								2		1		3
O101								1				1
O103	15	16	12	15	43	89	105	181	235	358	548	1617
O104							1				7	8
O107										1		1
O108										2		2
O109							2	1				3
O11						1	1	1			1	4
O110				1	1		1	1	1	3	1	9
O111	12	13	20	17	34	71	112	241	153	236	322	1231
O112										1	1	2
O113			1				1	3	1	2	6	14
O114										1		1
O116					1				1		1	3
O117					1			1	1			3
O118	1		5	1	1	8	4	9	19	22	47	117
O119			1				3	1	1	2	2	10
O12						1						1
O121	6	10	12	8	16	23	61	55	62	74	176	503
O123							1	1	4	3	4	13
O124			1				1		5	2	3	12
O125							1	3	1	1	4	10
O126		1	1	1	2		2	1	3	3	1	15
O127										2		2
O128	1					4	3	4	1	2	3	18
O13										1		1
O130			1			1	1	1	1	4	2	11
O132				1								1
O134							1					1
O135							1					1
O136			1							1		2
O137							1				1	2
O14								2				2

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2001–2011

Serogroup	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
O140										1	1	2
O141								1				1
O143							1			1	1	3
O145	1	7	9	5	8	17	19	35	24	74	74	273
O146		2					2	4	2	6	5	21
O149								1				1
O15						1	1			1		3
O151							1	1	2	1		5
O152							1				2	3
O153		1			2		5	1	2	4	8	23
O154							1					1
O156					1	4	2		4	2	2	15
O157	2593	2740	2222	2234	2314	3014	2360	2669	2215	2046	2366	26773
O158				1						2	1	4
O159											1	1
O160								1				1
O162					1		2					3
O163								1	2	2	2	7
O164											1	1
O165	2	1	2	1		8	5	5	4	6	6	40
O166						1				3		4
O168							1					1
O169							1					1
O171						1					1	2
O172							1	1	2	3	1	8
O174	1		1	2			3	2	2	1	6	18
O175						1			1		2	4
O177					3	5	1		2	2	4	17
O178							2	4	1	3	2	12
O179						4		1				5
O18			1			1		2				4
O181					2					4	2	8
O185											1	1
O186											4	4
O19				1								1

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2001–2011

Serogroup	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
O2							1			1	1	3
O20							1					1
O21							1					1
O22			1	1			1	1	1		3	8
O23											1	1
O24										1		1
O25									1			1
O26	25	17	24	25	53	120	158	222	248	434	611	1937
O28					4	5	3	1	3	1		17
O3						3	1					4
O33			1									1
O38			1					1			1	3
O39											1	1
O4						1						1
O42								2		1	1	4
O43						2				1	1	4
O44							1					1
O45	10	6	8	9	13	27	34	65	65	70	135	442
O46			1									1
O49						1				4	2	7
O5										3	9	12
O50							1	3				4
O51			1									1
O52											2	2
O54											1	1
O55			3								2	5
O6							1		1	1	1	4
O60	1								1		1	3
O63		2			1							3
O69						4	7	6	15	12	22	66
O7											2	2
O70								1				1
O71						1			1	3	6	11
O74								1	1	2	3	7
O75										1		1

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2001–2011

Serogroup	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
O76			2		1	4	4	3	3	9	14	40
O77											1	1
O79						2					1	3
O8					1	1	2		5	3	2	14
O80						1					5	6
O82							2	1	1		1	5
O84			1		1	1	2	1	2	2	5	15
O86							1			1		2
O88	1						3			1	1	6
O9						1						1
O91	1	2	2		4	3	5	6	8	13	14	58
O96		1					1				1	3
O98							1			1	1	3
Rough				1	15	9	31	41	43	81	79	300
Undetermined										4	8	12
Unknown	42	67	53	49	75	174	499	466	462	1000	1200	4087
Total	2712	2887	2390	2373	2598	3617	3474	4059	3613	4535	5763	38021

Data compiled as of 01/22/2013

NCEZID Atlanta:
For more information please contact Centers for Disease Control and Prevention
1600 Clifton Road NE, Atlanta, GA 30333 MS C-09
Telephone: 1-404-639-2206
Email: cdcinfo@cdc.gov