

National Enteric Disease Surveillance: Shiga toxin-producing *Escherichia coli* (STEC) Annual Report, 2010

Appendices

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Appendix 1. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup, age group and sex, 2010

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
All	< 1 Year	76	65	5	146
	1 to 4 Years	547	574	32	1153
	5 to 9 Years	241	237	21	499
	10 to 19 Years	328	416	20	764
	20 to 29 Years	302	207	11	520
	30 to 39 Years	179	112	8	299
	40 to 49 Years	127	81	6	214
	50 to 59 Years	173	98	4	275
	60 to 69 Years	141	79	8	228
	70 to 79 Years	115	56	8	179
	80+ Years	62	45	1	108
	Unknown Age	64	57	29	150
	Total		2355	2027	153
O157	< 1 Year	20	23	1	44
	1 to 4 Years	226	276	13	515
	5 to 9 Years	141	153	14	308
	10 to 19 Years	149	211	12	372
	20 to 29 Years	106	88	6	200
	30 to 39 Years	66	46	3	115
	40 to 49 Years	56	34	2	92
	50 to 59 Years	83	42	3	128
	60 to 69 Years	58	31	4	93
	70 to 79 Years	47	29	3	79
	80+ Years	20	17	1	38
	Unknown Age	27	19	16	62
	Total		999	969	78
Non-O157 and undetermined	< 1 Year	27	17	44	
	1 to 4 Years	203	199	14	416
	5 to 9 Years	62	49	3	114
	10 to 19 Years	104	120	6	230
	20 to 29 Years	110	60	4	174
	30 to 39 Years	67	30	3	100
	40 to 49 Years	33	21	2	56
	50 to 59 Years	45	26	1	72
	60 to 69 Years	50	24		74
	70 to 79 Years	26	12	2	40
	80+ Years	7	17		24
	Unknown Age	28	24	12	64
	Total		762	599	47

Appendix 1. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup, age group and sex, 2010

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
Rough	< 1 Year		5		5
	1 to 4 Years	9	5		14
	5 to 9 Years	4	7		11
	10 to 19 Years	4	8		12
	20 to 29 Years	8	7		15
	30 to 39 Years	6	1		7
	40 to 49 Years	1	2		3
	50 to 59 Years	1	2		3
	60 to 69 Years	3	1		4
	70 to 79 Years	4			4
	80+ Years	3			3
	Total		43	38	
Unknown	< 1 Year	29	20	4	53
	1 to 4 Years	109	94	5	208
	5 to 9 Years	34	28	4	66
	10 to 19 Years	71	77	2	150
	20 to 29 Years	78	52	1	131
	30 to 39 Years	40	35	2	77
	40 to 49 Years	37	24	2	63
	50 to 59 Years	44	28		72
	60 to 69 Years	30	23	4	57
	70 to 79 Years	38	15	3	56
	80+ Years	32	11		43
	Unknown Age	9	14	1	24
	Total		551	421	28

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2010

Serogroup	States																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
O1					1												
O103		15	6	8	40	29	5		1	2	13		30	2		6	6
O108																1	
O111		4	4	6	20	25	6				7		17	1		6	4
O112				1													
O113														1			
O118					12		1			1	1			1			
O119					1												
O121		1	1		5	6	1						2	11			3
O123					2												
O128					1						1						
O13		1															
O130					3												
O140																1	
O145		3		1	1	4	1				3		6	2			
O146					3												
O153					2	1											
O156						1								1			
O157	1	27	16	53	199	61	30	2	4	14	24	34	76	40	58	47	14
O166							1										
O172				1										1			
O174																1	
O177				1													
O178					1					1							
O181					1	1											
O2					1												
O24							1										
O26		7	1	6	43	70	5		1		7		16	22		9	3
O42					1												
O45						3	2						6			2	
O49				1	3												
O69					3	1											
O71																1	
O74											1						
O75					1												
O76					4											1	
O8					1	1											
O91					2	3					1						
O98					1												
Rough					7	23					27			2		2	
Unknown		11	7	2		43	7			7	83		24	1		12	34
Total	1	69	35	80	359	272	60	2	6	25	168	34	177	85	58	89	64

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2010

Serogroup	States																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
O100															1		
O103	1		9	6	1		18	4			1	1	5	3	23	5	
O108			1														
O110															3		
O111	1		6	3	1		21	6		2		4	4	1	34	6	
O113															1		
O118				1											2		
O119							1										
O121			4				5	1		2		1		1	1		
O124							2										
O130																1	
O145				1	2		9						3		2	3	
O146																1	
O151							1										
O153															1		
O157	5	2	10	23	12	41	137	69	16	22	38	9	35	7	58	13	4
O163															1		
O165			1														
O172															1		
O177																1	
O181															1		
O26			6	2	2		18	9		5		1	11	2	21	13	
O45			2	3		1	6	1					1		4		
O6												1					
O69					2								1		2		
O71															2		
O76			1		1											1	
O8																1	
O91			3														
Rough							7								1	4	
Undetermined			1														
Unknown		11				149	68	37	3	5	31	4	14		14	8	14
Total	7	13	44	39	21	191	293	127	19	36	70	21	74	14	173	57	18

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and state, 2010

Serogroup	States															
	NY	OH	OK	OR	PA	RI	SC	SD	TN	UT	VA	VT	WA	WI	WV	WY
O103	45	9	1	4	21				7	2	17		7		4	1
O107													1			
O111	21	2	1	2	3				4	4	3		3		3	1
O114															1	
O118	1										1		1			
O121	5		1	5	3					10			4			1
O123		1														
O125		1														
O126			1										2			
O127															2	
O136											1					
O143	1															
O145	11	4	6		2				1	4	3		2			
O146	1												1			
O15									1							
O157	112	69	70	73	62	1	4	42	48	72	43	19	122	95	9	4
O158															2	
O163		1														
O165	5															
O166	2															
O178													1			
O181			1													
O26	31	1	6	15	8				1	30	16		42		2	2
O28	1															
O43			1													
O45	8	3			18					5	3		1		1	
O5	3															
O69	1										2					
O74											1					
O76											1					
O84			2													
O86															1	
O88		1														
O91	1								1				1			1
Rough		1	1	2							2				1	1
Undetermined				2							1					
Unknown	34	206	1	6		2	2		53	91	5		9	1	1	
Total	283	299	92	109	117	3	6	42	116	218	99	19	197	96	27	11

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2000–2010

Serogroup	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
O1			1	1			1	1			1	5
O10				1			1					2
O100									2		1	3
O101									1			1
O103		15	16	12	15	43	89	105	181	235	358	1069
O104								1				1
O107											1	1
O108											2	2
O109								2	1			3
O11							1	1	1			3
O110					1	1		1	1	1	3	8
O111		12	13	20	17	34	71	112	241	153	236	909
O112											1	1
O113				1				1	3	1	2	8
O114											1	1
O116						1				1		2
O117						1			1	1		3
O118		1		5	1	1	8	4	9	19	22	70
O119				1				3	1	1	2	8
O12							1					1
O121	12	6	10	12	8	16	23	61	55	62	74	339
O123								1	1	4	3	9
O124				1				1		5	2	9
O125								1	3	1	1	6
O126			1	1	1	2		2	1	3	3	14
O127											2	2
O128		1					4	3	4	1	2	15
O13											1	1
O130				1			1	1	1	1	4	9
O132					1							1
O134								1				1
O135								1				1
O136				1							1	2
O137								1				1
O14									2			2
O140											1	1
O141									1			1
O143								1			1	2
O145		1	7	9	5	8	17	19	35	24	74	199
O146			2					2	4	2	6	16

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2000–2010

Serogroup	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
O149									1			1
O15							1	1			1	3
O151								1	1	2	1	5
O152								1				1
O153			1			2		5	1	2	4	15
O154								1				1
O156						1	4	2		4	2	13
O157	3647	2593	2740	2222	2234	2314	3014	2360	2669	2215	2046	28054
O158					1						2	3
O160									1			1
O162						1		2				3
O163									1	2	2	5
O165		2	1	2	1		8	5	5	4	6	34
O166							1				3	4
O168								1				1
O169								1				1
O171							1					1
O172								1	1	2	3	7
O174		1		1	2			3	2	2	1	12
O175							1			1		2
O177						3	5	1		2	2	13
O178								2	4	1	3	10
O179							4		1			5
O18				1			1		2			4
O181						2					4	6
O19					1							1
O2								1			1	2
O20								1				1
O21								1				1
O22				1	1			1	1	1		5
O24											1	1
O25										1		1
O26	6	25	17	24	25	53	120	158	222	248	434	1332
O28						4	5	3	1	3	1	17
O3							3	1				4
O33				1								1
O38				1					1			2
O4							1					1
O42									2		1	3
O43							2				1	3

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2000–2010

Serogroup	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
O44								1				1
O45		10	6	8	9	13	27	34	65	65	70	307
O46				1								1
O49							1				4	5
O5											3	3
O50								1	3			4
O51				1								1
O55				3								3
O6								1		1	1	3
O60		1								1		2
O63			2			1						3
O69							4	7	6	15	12	44
O70									1			1
O71							1			1	3	5
O74									1	1	2	4
O75											1	1
O76				2		1	4	4	3	3	9	26
O79							2					2
O8						1	1	2		5	3	12
O80							1					1
O82								2	1	1		4
O84				1		1	1	2	1	2	2	10
O86								1			1	2
O88		1						3			1	5
O9							1					1
O91		1	2	2		4	3	5	6	8	13	44
O96			1					1				2
O98								1			1	2
Rough					1	15	9	31	41	43	81	221
Undetermined											4	4
Unknown		42	67	53	49	75	174	499	466	462	1000	2887
Total	3665	2712	2887	2390	2373	2598	3617	3474	4059	3613	4535	35923

Data compiled as of 01/22/2013

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