

National Enteric Disease Surveillance: Shiga toxin-producing *Escherichia coli* (STEC) Annual Report, 2012

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, 2012

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
All	< 1 Year	50	65	2	117
	1 to 4 Years	542	636	29	1207
	5 to 9 Years	235	248	15	498
	10 to 19 Years	392	454	27	873
	20 to 29 Years	364	282	12	658
	30 to 39 Years	198	115	4	317
	40 to 49 Years	146	61	6	213
	50 to 59 Years	167	99	9	275
	60 to 69 Years	163	76	8	247
	70 to 79 Years	94	47	6	147
	≥ 80 Years	69	31	3	103
	Unknown Age	8	10	54	72
	Total	2428	2124	175	4727
O157	< 1 Year	17	20		37
	1 to 4 Years	241	319	18	578
	5 to 9 Years	154	160	8	322
	10 to 19 Years	200	237	15	452
	20 to 29 Years	159	143	2	304
	30 to 39 Years	92	64	2	158
	40 to 49 Years	87	38	4	129
	50 to 59 Years	92	52	5	149
	60 to 69 Years	101	45	5	151
	70 to 79 Years	55	24	3	82
	≥ 80 Years	42	16	3	61
	Unknown Age	3	4	30	37
	Total	1243	1122	95	2460
Non-O157	< 1 Year	33	45	2	80
	1 to 4 Years	301	317	11	629
	5 to 9 Years	81	88	7	176
	10 to 19 Years	192	217	12	421
	20 to 29 Years	205	139	10	354
	30 to 39 Years	106	51	2	159
	40 to 49 Years	59	23	2	84
	50 to 59 Years	75	47	4	126
	60 to 69 Years	62	31	3	96
	70 to 79 Years	39	23	3	65
	≥ 80 Years	27	15		42
	Unknown Age	5	6	24	35
	Total	1185	1002	80	2267

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and reporting jurisdiction, 2012

Serogroup	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
O103			3	15	62	20	4		2		20		19	4		4	
O111			2	6	29	13	4		1		19		16	4		5	
O113				1	1												
O118			1		6	1	1				14					1	
O119					1												
O121			1	2	10	8	4				4		4	8			
O123					1												
O124				1													
O126										1							
O128					2												
O130					1					1							
O145				2	14	1	1		1		8		10	1		6	
O146				2	6		1										
O156							1										
O157	1	26	17	25	272	68	27	7	4	3	50	21	72	56	71	11	28
O165				1	1	1					2						
O174					2					1							
O175					1	1											
O178					1	1					1						
O179				1		1											
O181					5	1					1						
O186				1	10		1				1				1		
O21				1													
O26			5	18	94	33	5				13		14	27		4	
O33															1		
O38				1	1												
O45							3		1		1		3			3	
O49					1												
O5				3	7	2	1									1	
O50						1										1	
O51				1													
O6					1												
O69				1	8		1			3	1						
O71			1	5	8		1				1						
O76					2						1					1	
O77						1					1						
O78				1													
O8				1	1												
O80											1						
O84				1	1												
O91				1	4						1					1	
O98					1												
Rough					12	1				1	6						
Total	1	26	30	91	566	154	ss	7	9	10	146	21	138	100	73	38	28

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and reporting jurisdiction, 2012

Serogroup	States																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
O1			1												1		
O103	6		10	8	2	11	35	31	1		4	4	21	1	31	5	5
O111	3		13	3	2	8	18	25		1	3	3	4		11	5	1
O112																1	
O113												1			1	1	
O118			1				1								1		1
O121			7	3			8	3		12	1	5	1	4	4	3	1
O124															1		
O125															1		
O128				1											1		
O137																1	
O141	1																
O145	2			3		7	2	10					3	3	3		
O156															1		
O157	32	8	50	33	7	101	128	147	15	15	41	14	42	5	41	15	5
O165	1															1	
O172																1	
O174	1																
O177																	1
O178																1	
O181															1		
O182			1														
O186			1												4		
O21			1														
O26	13		8	5	1	20	39	24		15	5	3	15	4	23	17	12
O45			3	3		28		1			1				6		
O5																1	
O68															1		
O69			1	1											3		
O71															1		1
O73	1																
O76			1													1	
O8															1		
O84				1												1	
O87															1		
O88				1													
Rough	2			1			1					1			1		
Total	62	8	98	63	12	175	232	241	16	43	55	31	86	17	139	54	27

Appendix 2. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and reporting jurisdiction, 2012

Serogroup	States																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
O1				1													
O103	41	14	35	11	34		2	3	15		9	12	1	17	43	3	
O104	2											1					
O111	37	8	31	3	8			2	8	11	5	2	1	12	38		
O118	1		4	3					1						1		
O121	16	1	1	10	10			4	4		4	2		7	9		2
O126														1			
O128															1		
O130	1																
O145	4	3	3		1				4		3	1		6	7		
O146				1											3		
O156	1											1					
O157	143	105	41	95	97	1	20	39	69	14	71	41	6	123	128	6	3
O158												1					
O163												1					
O165	1			2								1					
O172												1					
O177	1		2														
O181	1			1													
O186	5			1					3								
O25	1																
O26	43	24	13	29	25	1		3	7	16	19	11		24	18	3	2
O28	1																
O39									2								
O45	17	16			10							2			21	1	
O5	1			4									2		2		
O69	4											1					
O71	3			2													
O76	1			1													
O79															1		
O80	2																
O84	1													2			
O91	10														1		
Rough				2								1					
Total	338	171	130	166	185	2	22	51	113	41	111	79	10	192	273	13	7

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2002–2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
O1	1	1			1	1			1	1	3	9
O10		1			1							2
O100							2		1			3
O101							1					1
O103	16	12	15	43	89	105	181	235	358	548	568	2170
O104						1				7	3	11
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	13	20	17	34	71	112	241	153	236	322	365	1584
O112									1	1	1	3
O113		1				1	3	1	2	6	5	19
O114									1			1
O116				1				1		1		3
O117				1			1	1				3
O118		5	1	1	8	4	9	19	22	47	38	154
O119		1				3	1	1	2	2	1	11
O12					1							1
O121	10	12	8	16	23	61	55	62	74	176	163	660
O123						1	1	4	3	4	1	14
O124		1				1		5	2	3	2	14
O125						1	3	1	1	4	1	11
O126	1	1	1	2		2	1	3	3	1	2	17
O127									2			2
O128					4	3	4	1	2	3	5	22
O13									1			1
O130		1			1	1	1	1	4	2	3	14
O132			1									1
O134						1						1
O135						1						1
O136		1							1			2
O137						1				1	1	3
O14							2					2
O140									1	1		2
O141							1				1	2
O143						1			1	1		3
O145	7	9	5	8	17	19	35	24	74	74	109	381
O146	2					2	4	2	6	5	13	34
O149							1					1

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2002–2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
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	4	19
O157	2740	2222	2234	2314	3014	2360	2669	2215	2046	2366	2460	26640
O158			1						2	1	1	5
O159										1		1
O160							1					1
O162				1		2						3
O163							1	2	2	2	1	8
O164										1		1
O165	1	2	1		8	5	5	4	6	6	11	49
O166					1				3			4
O168						1						1
O169						1						1
O171					1					1		2
O172						1	1	2	3	1	2	10
O174		1	2			3	2	2	1	6	4	21
O175					1			1		2	2	6
O177				3	5	1		2	2	4	4	21
O178						2	4	1	3	2	4	16
O179					4		1				2	7
O18		1			1		2					4
O181				2					4	2	10	18
O182											1	1
O185										1		1
O186										4	28	32
O19			1									1
O2						1			1	1		3
O20						1						1
O21						1					2	3
O22		1	1			1	1	1		3		8
O23										1		1
O24									1			1
O25								1			1	2
O26	17	24	25	53	120	158	222	248	434	611	655	2567
O28				4	5	3	1	3	1		1	18
O3					3	1						4
O33		1									1	2

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2002–2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
O38		1					1			1	2	5
O39										1	2	3
O4					1							1
O42							2		1	1		4
O43					2				1	1		4
O44						1						1
O45	6	8	9	13	27	34	65	65	70	135	120	552
O46		1										1
O49					1				4	2	1	8
O5									3	9	24	36
O50						1	3				2	6
O51		1									1	2
O52										2		2
O54										1		1
O55		3								2		5
O6						1		1	1	1	1	5
O60								1		1		2
O63	2			1								3
O68											1	1
O69					4	7	6	15	12	22	24	90
O7										2		2
O70							1					1
O71					1			1	3	6	23	34
O73											1	1
O74							1	1	2	3		7
O75									1			1
O76		2		1	4	4	3	3	9	14	8	48
O77										1	2	3
O78											1	1
O79					2					1	1	4
O8				1	1	2		5	3	2	3	17
O80					1					5	3	9
O82						2	1	1		1		5
O84		1		1	1	2	1	2	2	5	7	22
O86						1			1			2
O87											1	1
O88						3			1	1	1	6

Appendix 3. Laboratory-confirmed Shiga toxin-producing *Escherichia coli* (STEC) infections reported to CDC by serogroup and year, 2002–2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
O9					1							1
O91	2	2		4	3	5	6	8	13	14	18	75
O96	1					1				1		3
O98						1			1	1	1	4
Undetermined									4	8		12
Rough			1	15	9	31	41	43	81	79	29	329
Unknown	67	53	49	75	174	499	466	462	1000	1200	1749	5794
Total	2887	2390	2373	2598	3617	3474	4059	3613	4535	5763	6505	41814

Data compiled as of 7/25/2014

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