

National Enteric Disease Surveillance: *Shigella* Annual Report, 2011

Appendices

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Appendix 1. Laboratory-confirmed *Shigella* infections reported to CDC by species, age group and sex, 2011

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
All <i>Shigella</i>	< 1 Year	56	60	12	128
	1 to 4 Years	1010	1068	124	2202
	5 to 9 Years	862	836	99	1797
	10 to 19 Years	321	276	28	625
	20 to 29 Years	358	309	22	689
	30 to 39 Years	219	278	24	521
	40 to 49 Years	143	258	19	420
	50 to 59 Years	155	171	8	334
	60 to 69 Years	87	68	7	162
	70 to 79 Years	55	31	2	88
	80+ Years	28	13	3	44
	Unknown Age	19	14	19	52
	Total		3313	3382	367
<i>S. boydii</i>	< 1 Year	1			1
	1 to 4 Years	10	6	2	18
	5 to 9 Years	7	2		9
	10 to 19 Years	4	4		8
	20 to 29 Years	2	7		9
	30 to 39 Years	6	2		8
	40 to 49 Years	6	6		12
	50 to 59 Years	7	3		10
	60 to 69 Years	3	2		5
	80+ Years	2			2
	Unknown Age			1	1
	Total		48	32	3
<i>S. dysenteriae</i>	1 to 4 Years	1	1		2
	5 to 9 Years			1	1
	10 to 19 Years	1			1
	20 to 29 Years	3			3
	40 to 49 Years	1	1		2
	50 to 59 Years	1			1
	60 to 69 Years	1			1
	80+ Years	1			1
	Total		9	2	1

Appendix 1. Laboratory-confirmed *Shigella* infections reported to CDC by species, age group and sex, 2011

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
<i>S. flexneri</i>	< 1 Year	6	4		10
	1 to 4 Years	80	96	5	181
	5 to 9 Years	60	39	3	102
	10 to 19 Years	40	33	2	75
	20 to 29 Years	29	162	5	196
	30 to 39 Years	18	112	2	132
	40 to 49 Years	14	132	6	152
	50 to 59 Years	15	67	2	84
	60 to 69 Years	7	14		21
	70 to 79 Years	5	3	1	9
	80+ Years	4	2		6
	Unknown Age	2	1	3	6
	Total		280	665	29
<i>S. sonnei</i>	< 1 Year	44	50	12	106
	1 to 4 Years	848	889	112	1849
	5 to 9 Years	716	722	90	1528
	10 to 19 Years	247	214	23	484
	20 to 29 Years	298	113	12	423
	30 to 39 Years	174	125	19	318
	40 to 49 Years	109	90	7	206
	50 to 59 Years	114	80	6	200
	60 to 69 Years	65	49	4	118
	70 to 79 Years	41	23	1	65
	80+ Years	13	7	3	23
	Unknown Age	12	12	4	28
	Total		2681	2374	293
Unknown	< 1 Year	5	6		11
	1 to 4 Years	71	76	5	152
	5 to 9 Years	79	73	5	157
	10 to 19 Years	29	25	3	57
	20 to 29 Years	26	27	5	58
	30 to 39 Years	21	39	3	63
	40 to 49 Years	13	29	6	48
	50 to 59 Years	18	21		39
	60 to 69 Years	11	3	3	17
	70 to 79 Years	9	5		14
	80+ Years	8	4		12
	Unknown Age	5	1	11	17
	Total		295	309	41

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2011

Serotype	States																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
<i>boydii</i> 10					1												
<i>boydii</i> 2			1	3	2												
<i>boydii</i> 20					1												
<i>boydii</i> 4				2													
<i>boydii</i> 5				1													
<i>boydii</i> unspecified						3	2				4		1			1	
<i>dysenteriae</i> unspecified						1											1
<i>flexneri</i> 1 unspecified		1				9	2					6				2	
<i>flexneri</i> 1a				2													
<i>flexneri</i> 1b				38							14						
<i>flexneri</i> 2 unspecified		4				7	5				1	20					
<i>flexneri</i> 2a				40	7						45						
<i>flexneri</i> 2b											1						
<i>flexneri</i> 3 unspecified							2					4					
<i>flexneri</i> 3a				20							4						
<i>flexneri</i> 3b				4	1												
<i>flexneri</i> 4 unspecified		2					1				3						
<i>flexneri</i> 4a				4							29	1					
<i>flexneri</i> 5 unspecified						2											
<i>flexneri</i> 5a					2												
<i>flexneri</i> 6				12		2	1				5	1					
<i>flexneri</i> 88-893				1	1						1						
<i>flexneri</i> unspecified	1		6	1	1	13	3	14	1	1	2		4	6		15	2
<i>flexneri</i> variant x					1												
<i>flexneri</i> variant y				3							3	2					
<i>sonnei</i>	3	235	39	203	2	38	25	18	5	1	415	13	8	10		22	26
Unknown		4	2			4	2				18				213		
Total	4	246	48	334	19	79	43	32	6	2	545	47	13	16	213	40	29

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2011

Serotype	States																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
<i>boydii</i> 1															4		
<i>boydii</i> 10			1														
<i>boydii</i> 12															2		
<i>boydii</i> 14			1														
<i>boydii</i> 2			4								2						
<i>boydii</i> 4											1						
<i>boydii</i> 8			1												2		
<i>boydii</i> unspecified						2	3	1						1		1	
<i>dysenteriae</i> 1															1		
<i>dysenteriae</i> 2			1														
<i>dysenteriae</i> 3								1									
<i>dysenteriae</i> 8															1		
<i>flexneri</i> 1 unspecified								3	1						10		
<i>flexneri</i> 1a			1								1						
<i>flexneri</i> 1b			7			6					1						
<i>flexneri</i> 2 unspecified		2			1			6							14		1
<i>flexneri</i> 2a		5	22			5					12					1	1
<i>flexneri</i> 2b			1														
<i>flexneri</i> 3 unspecified				11		11									4		
<i>flexneri</i> 3a			4														
<i>flexneri</i> 3b			4			1					1						
<i>flexneri</i> 4 unspecified		2				11		1							3		
<i>flexneri</i> 4a			2			6					2						
<i>flexneri</i> 6			3			3											
<i>flexneri</i> 88-893			2														
<i>flexneri</i> unspecified	2	2		13	1		12		3	1	3	1	1			6	
<i>flexneri</i> variant x						4											
<i>flexneri</i> variant y											4						
<i>sonnei</i>	114	313	92	35	18	120	72	115	141	101	62	1	7	1	273	100	28
Unknown					16	1			2	3			4		4	7	
Total	116	324	146	59	36	170	87	127	147	105	89	2	12	2	318	115	30

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2011

Serotype	States																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
<i>boydii</i> 1														1			
<i>boydii</i> 14					2												
<i>boydii</i> 2	1													4			
<i>boydii</i> 4														1			
<i>boydii</i> 8					1												
<i>boydii</i> unspecified	3	3		3					1	9	3			2		1	
<i>dysenteriae</i> 2					1												
<i>dysenteriae</i> unspecified	2								1	2							
<i>flexneri</i> 1 unspecified			1		3									1			
<i>flexneri</i> 1b							3							6			
<i>flexneri</i> 2 unspecified			3		28										1		
<i>flexneri</i> 2a									1					12			
<i>flexneri</i> 3 unspecified			1		3												
<i>flexneri</i> 3a									1								
<i>flexneri</i> 3b														6			
<i>flexneri</i> 4 unspecified			1		3					1					2		
<i>flexneri</i> 6					2									2			
<i>flexneri</i> unspecified	95	17		23	1	2	10	3	10	66	9	21	1	4	4	1	
<i>flexneri</i> variant y					6									5	4		
<i>sonnei</i>	258	89	43	20	61	6	69	2	141	1790	24	59	3	40	82	3	2
Unknown	9			1		1	2			320	26				4	2	
Total	368	109	49	47	111	9	84	5	155	2188	62	80	4	84	97	7	2

Appendix 3. Laboratory-confirmed *Shigella* infections reported to CDC by species, serotype and year, 2000–2010

Species	Serotype	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total	
<i>S. boydii</i>	<i>boydii 1</i>	11	7	10	10	8	9	3	11	5	3	5	82	
	<i>boydii 2</i>	26	22	29	20	11	15	14	14	15	18	17	201	
	<i>boydii 3</i>	3											3	
	<i>boydii 4</i>	4	10	9	15	4	3	1	16	7	7	4	80	
	<i>boydii 5</i>	2		1	3			2		1		1	10	
	<i>boydii 6</i>	1	2											3
	<i>boydii 8</i>	2		2	2	1	1	3	1	1	1	1	4	18
	<i>boydii 9</i>	1									3			4
	<i>boydii 10</i>	1	2	2	3	2	1			1	2	1	2	17
	<i>boydii 11</i>										1			1
	<i>boydii 12</i>	6	2	1	1			2	2	3	1	2	2	22
	<i>boydii 14</i>	3	1	1	3	3	6	7			5	3	3	35
	<i>boydii 15</i>	4		1			2							7
	<i>boydii 16</i>											2		2
	<i>boydii 18</i>		1					2		1	1			5
	<i>boydii 19</i>										2	1		3
	<i>boydii 20</i>				1	1	2		1	3	3	1	1	13
<i>boydii unspecified</i>	62	57	91	111	91	75	28	32	32	20	34	44	645	
	Subtotal	126	104	148	169	124	114	61	82	67	73	83	1151	
<i>S. dysenteriae</i>	<i>dysenteriae 1</i>	1	1	5	4	3	2	3	1			1	21	
	<i>dysenteriae 2</i>	8	5	10	4	5	4	4	7	8	5	2	62	
	<i>dysenteriae 3</i>	4	1	2	4	4	2	3	1	1	2	1	25	
	<i>dysenteriae 4</i>		5	2	1	4	3	1	4	6			26	
	<i>dysenteriae 5</i>		1										1	
	<i>dysenteriae 6</i>						1				1		2	
	<i>dysenteriae 7</i>							1				1	2	
	<i>dysenteriae 8</i>		2								1		1	4
	<i>dysenteriae 9</i>	3	3	1							2			9
	<i>dysenteriae 10</i>		2											2
	<i>dysenteriae 12</i>				2	1	2			1	1	3		10
	<i>dysenteriae 13</i>							1			1			2
	<i>dysenteriae 14</i>			1										1
	<i>dysenteriae unspecified</i>	32	23	22	22	34	31	12	16	16	18	22	7	239
	<i>dysenteriae 3162-96</i>						1			2		1		4
	Subtotal	48	43	43	37	53	46	23	32	39	34	12	410	

Appendix 3. Laboratory-confirmed *Shigella* infections reported to CDC by species, serotype and year, 2000–2010

Species	Serotype	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
<i>S. flexneri</i>	<i>flexneri 1 unspecified</i>	136	110	100	98	88	102	95	100	62	47	39	977
	<i>flexneri 1a</i>	11	9	6	1	3	12	13	18	13	13	4	103
	<i>flexneri 1b</i>	19	26	33	27	34	38	55	43	75	61	75	486
	<i>flexneri 2 unspecified</i>	226	183	186	185	109	152	100	174	134	100	93	1642
	<i>flexneri 2a</i>	147	103	95	89	88	107	125	120	176	125	151	1326
	<i>flexneri 2b</i>	17	14	17	10	17	22	24	14	14	10	2	161
	<i>flexneri 3 unspecified</i>	95	70	113	112	53	67	48	63	54	49	36	760
	<i>flexneri 3a</i>	34	51	79	53	31	38	33	17	53	40	29	458
	<i>flexneri 3b</i>	12	16	12	13	17	7	14	13	21	23	17	165
	<i>flexneri 4 unspecified</i>	67	74	61	69	50	54	45	65	60	50	30	625
	<i>flexneri 4a</i>	55	53	49	53	47	37	51	46	55	50	44	540
	<i>flexneri 4b</i>		5	6		1	5	1		2	1		21
	<i>flexneri 4c</i>			1				1	2	1	1		6
	<i>flexneri 5 unspecified</i>	17	9	10	3	2	2	2	3	11	2	2	63
	<i>flexneri 5a</i>			1	2	1			2	1	2	2	11
	<i>flexneri 6</i>	71	59	58	42	28	61	30	45	25	32	31	482
	<i>flexneri unspecified</i>	738	755	892	814	838	746	344	358	275	388	382	6530
	<i>flexneri variant x</i>	2	4	6	5	1	3	6		7	5	5	44
	<i>flexneri variant y</i>	21	8	15	26	26	22	32	16	35	20	27	248
<i>flexneri 88-893</i>			5	1	1	1	4	4	3	7	5	31	
	Subtotal	1668	1549	1745	1603	1435	1476	1023	1103	1077	1026	974	14679
<i>S. sonnei</i>	<i>sonnei</i>	8193	11201	10621	6433	7809	7471	8519	11273	8175	7122	5348	92165
	Subtotal	8193	11201	10621	6433	7809	7471	8519	11273	8175	7122	5348	92165
Unknown	Unknown	564	2171	3394	1101	1082	1228	1370	2315	815	707	645	15392
	Subtotal	564	2171	3394	1101	1082	1228	1370	2315	815	707	645	15392
Total		10599	15068	15951	9343	10503	10335	10996	14805	10173	8962	7062	123797

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