

National Enteric Disease Surveillance: *Shigella* Annual Report, 2012

Appendices

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Appendix 1. Laboratory-confirmed *Shigella* infections reported to CDC by species, age group and sex, 2012

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
All <i>Shigella</i>	< 1 Year	51	56	12	119
	1 to 4 Years	965	1081	125	2171
	5 to 9 Years	886	847	124	1857
	10 to 19 Years	372	306	37	715
	20 to 29 Years	450	376	30	856
	30 to 39 Years	348	341	39	728
	40 to 49 Years	173	287	19	479
	50 to 59 Years	175	189	13	377
	60 to 69 Years	130	106	11	247
	70 to 79 Years	54	48	3	105
	80+ Years	39	14	3	56
	Unknown Age	7	13	16	36
	Total		3650	3664	432
<i>S. boydii</i>	< 1 Year		1		1
	1 to 4 Years	2	4	2	8
	5 to 9 Years	5	1		6
	10 to 19 Years	3	2		5
	20 to 29 Years	6	4		10
	30 to 39 Years	2	1	1	4
	40 to 49 Years	4	1		5
	50 to 59 Years	7	2		9
	60 to 69 Years	4	2		6
	70 to 79 Years		1		1
	80+ Years	2			2
	Unknown Age			3	3
	Total		35	19	6
<i>S. dysenteriae</i>	< 1 Year		1		1
	1 to 4 Years	4	2		6
	5 to 9 Years	1	1		2
	10 to 19 Years	2			2
	20 to 29 Years	2			2
	30 to 39 Years	1	1		2
	40 to 49 Years	1	2		3
	50 to 59 Years	1	2	1	4
	60 to 69 Years	1			1
	70 to 79 Years		1		1
	80+ Years	1			1
	Unknown Age			1	1
	Total		14	10	2

Appendix 1. Laboratory-confirmed *Shigella* infections reported to CDC by species, age group and sex, 2012

Serogroup	Age Group	Sex			Total
		Female	Male	Unknown	
<i>S. flexneri</i>	< 1 Year	3	8		11
	1 to 4 Years	66	68	3	137
	5 to 9 Years	34	57	2	93
	10 to 19 Years	20	32	1	53
	20 to 29 Years	39	147	7	193
	30 to 39 Years	24	141	6	171
	40 to 49 Years	13	111	4	128
	50 to 59 Years	17	70	4	91
	60 to 69 Years	12	32	2	46
	70 to 79 Years	7	10		17
	80+ Years	3	3	1	7
	Unknown Age	1	4	5	10
	Total		239	683	35
<i>S. sonnei</i>	< 1 Year	42	40	12	94
	1 to 4 Years	804	899	117	1820
	5 to 9 Years	731	688	116	1535
	10 to 19 Years	306	231	32	569
	20 to 29 Years	353	194	22	569
	30 to 39 Years	278	167	30	475
	40 to 49 Years	126	134	13	273
	50 to 59 Years	117	97	7	221
	60 to 69 Years	87	56	9	152
	70 to 79 Years	33	30	3	66
	80+ Years	23	9	2	34
	Unknown Age	4	7	5	16
	Total		2904	2552	368
Unknown	< 1 Year	6	6		12
	1 to 4 Years	89	108	3	200
	5 to 9 Years	115	100	6	221
	10 to 19 Years	41	41	4	86
	20 to 29 Years	50	31	1	82
	30 to 39 Years	43	31	2	76
	40 to 49 Years	29	39	2	70
	50 to 59 Years	33	18	1	52
	60 to 69 Years	26	16		42
	70 to 79 Years	14	6		20
	80+ Years	10	2		12
	Unknown Age	2	2	2	6
	Total		458	400	21

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2012

Serotype	States															
	AK	AL	AR	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
<i>boydii</i> 10				1												
<i>boydii</i> 14															1	
<i>boydii</i> 19				1												
<i>boydii</i> 2				1									4			
<i>boydii</i> 20				2												
<i>boydii</i> unspecified			1		1	1		1		2						
<i>dysenteriae</i> 12				1												
<i>dysenteriae</i> unspecified									1	1						
<i>flexneri</i> 1 unspecified		4			11						2					
<i>flexneri</i> 1a				1												
<i>flexneri</i> 1b				1						26						
<i>flexneri</i> 2 unspecified		4			10					1	4					
<i>flexneri</i> 2a				2						35						
<i>flexneri</i> 2b										2						
<i>flexneri</i> 3 unspecified		2		1	1						2					
<i>flexneri</i> 3a										7						
<i>flexneri</i> 3b										6						
<i>flexneri</i> 4 unspecified		5			3											
<i>flexneri</i> 4a										15						
<i>flexneri</i> 6		1														
<i>flexneri</i> 88-893				1							3					
<i>flexneri</i> unspecified	5	3	5	1	1	14	2	7	20	3		5		1	4	6
<i>flexneri</i> variant y										5	4					
<i>sonnei</i>	1	287	51	2	90	28	3	14	87	412	3	59	3	4	8	53
Unknown		1	1		2	2				22				229		
Total	6	307	58	15	119	45	5	22	108	537	18	64	7	234	13	59

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2012

Serotype	States																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
<i>boydii</i> 2			1								1					1	
<i>boydii</i> 20				1													
<i>boydii</i> 4											1						
<i>boydii</i> 8															1		
<i>boydii</i> unspecified						5	2	1			1					2	
<i>dysenteriae</i> 2			1														
<i>dysenteriae</i> 3			1														
<i>dysenteriae</i> unspecified							2						1				
<i>flexneri</i> 1 unspecified		13		7											9		
<i>flexneri</i> 1a			2														1
<i>flexneri</i> 1b			13			4					1					4	
<i>flexneri</i> 2 unspecified				20	1			1							15		
<i>flexneri</i> 2a			9	1		11					15						6
<i>flexneri</i> 3 unspecified				2		4		2							7		
<i>flexneri</i> 3a			9								1						1
<i>flexneri</i> 3b			1			2											1
<i>flexneri</i> 4 unspecified				11		8		1			1				4		
<i>flexneri</i> 4a						2					4						2
<i>flexneri</i> 4b											1						
<i>flexneri</i> 6			2	1		3									6		
<i>flexneri</i> 88-893															2		
<i>flexneri</i> unspecified	4			6			20		4		2		4	3	2	19	
<i>flexneri</i> variant x						1					1						
<i>flexneri</i> variant y			4								6						
<i>sonnei</i>	166	144	77	97	2	179	358	40	207	5	61	4	139	2	626	54	21
Unknown	128		1	3	3	1	1						101	1		9	
Total	298	157	121	149	6	220	383	45	211	5	96	4	245	6	672	89	32

Appendix 2. Laboratory-confirmed *Shigella* infections reported to CDC by species and reporting jurisdiction, 2012

Serotype	States																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
<i>boydii</i> 1														2			
<i>boydii</i> 2	5				1												
<i>boydii</i> 3														1			
<i>boydii</i> 4					1									2			
<i>boydii</i> unspecified	1	1		1				2	1	6		2				1	
<i>dysenteriae</i> 12					1												
<i>dysenteriae</i> 2														1			
<i>dysenteriae</i> 4					1									1			
<i>dysenteriae</i> unspecified	7									5		1	1				
<i>flexneri</i> 1 unspecified			1		15		1								1		
<i>flexneri</i> 1a														1			
<i>flexneri</i> 1b				1			4							14			
<i>flexneri</i> 2 unspecified					19												
<i>flexneri</i> 2a				7										6			
<i>flexneri</i> 3 unspecified					5										3		
<i>flexneri</i> 3a				6										5			
<i>flexneri</i> 3b				11										5			
<i>flexneri</i> 4 unspecified			1		4									1	2		
<i>flexneri</i> 4a				1													
<i>flexneri</i> 6					2									3	1		
<i>flexneri</i> unspecified	123	16		1		8	7	2	12	94	9	29	1	3			
<i>flexneri</i> variant x														1	1		
<i>flexneri</i> variant y				1	2										4		
<i>sonnei</i>	690	175	70	48	76	6	24	6	44	1179	19	44	2	71	80	2	1
Unknown	14	8					5		7	333	7						
Total	840	200	72	77	127	14	41	10	64	1617	35	76	4	117	92	3	1

Appendix 3. Laboratory-confirmed *Shigella* infections reported to CDC by species, serotype and year, 2002–2012

Species	Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
<i>S. boydii</i>	<i>boydii 1</i>	7	10	10	8	9	3	11	5	3	5	2	73
	<i>boydii 2</i>	22	29	20	11	15	14	14	15	18	17	14	189
	<i>boydii 3</i>											1	1
	<i>boydii 4</i>	10	9	15	4	3	1	16	7	7	4	4	80
	<i>boydii 5</i>		1	3			2		1		1		8
	<i>boydii 6</i>	2											2
	<i>boydii 8</i>		2	2	1	1	3	1	1	1	4	1	17
	<i>boydii 9</i>								3				3
	<i>boydii 10</i>	2	2	3	2	1		1	2	1	2	1	17
	<i>boydii 11</i>								1				1
	<i>boydii 12</i>	2	1	1		2	2	3	1	2	2		16
	<i>boydii 14</i>	1	1	3	3	6	7		5	3	3	1	33
	<i>boydii 15</i>		1		2								3
	<i>boydii 16</i>									2			2
	<i>boydii 18</i>	1				2		1	1				5
	<i>boydii 19</i>								2	1		1	4
	<i>boydii 20</i>		1	1	2		1	3	3	1	1	3	16
<i>boydii unspecified</i>	57	91	111	91	75	28	32	20	34	44	32	615	
	Subtotal	104	148	169	124	114	61	82	67	73	83	60	1085
<i>S. dysenteriae</i>	<i>dysenteriae 1</i>	1	5	4	3	2	3	1			1		20
	<i>dysenteriae 2</i>	5	10	4	5	4	4	7	8	5	2	2	56
	<i>dysenteriae 3</i>	1	2	4	4	2	3	1	1	2	1	1	22
	<i>dysenteriae 4</i>	5	2	1	4	3	1	4	6			2	28
	<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	1						2				6
	<i>dysenteriae 10</i>	2											2
	<i>dysenteriae 12</i>			2	1	2		1	1	3		2	12
	<i>dysenteriae 13</i>					1			1				2
	<i>dysenteriae 14</i>		1										1
	<i>dysenteriae unspecified</i>	23	22	22	34	31	12	16	18	22	7	19	226
	<i>dysenteriae 3162-96</i>				1			2		1			4
		Subtotal	43	43	37	53	46	23	32	39	34	12	26

Appendix 3. Laboratory-confirmed *Shigella* infections reported to CDC by species, serotype and year, 2002–2012

Species	Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
<i>S. flexneri</i>	<i>flexneri 1 unspecified</i>	110	100	98	88	102	95	100	62	47	39	64	905
	<i>flexneri 1a</i>	9	6	1	3	12	13	18	13	13	4	5	97
	<i>flexneri 1b</i>	26	33	27	34	38	55	43	75	61	75	68	535
	<i>flexneri 2 unspecified</i>	183	186	185	109	152	100	174	134	100	93	75	1491
	<i>flexneri 2a</i>	103	95	89	88	107	125	120	176	125	151	92	1271
	<i>flexneri 2b</i>	14	17	10	17	22	24	14	14	10	2	2	146
	<i>flexneri 3 unspecified</i>	70	113	112	53	67	48	63	54	49	36	29	694
	<i>flexneri 3a</i>	51	79	53	31	38	33	17	53	40	29	29	453
	<i>flexneri 3b</i>	16	12	13	17	7	14	13	21	23	17	26	179
	<i>flexneri 4 unspecified</i>	74	61	69	50	54	45	65	60	50	30	41	599
	<i>flexneri 4a</i>	53	49	53	47	37	51	46	55	50	44	24	509
	<i>flexneri 4b</i>	5	6		1	5	1		2	1		1	22
	<i>flexneri 4c</i>		1				1	2	1	1			6
	<i>flexneri 5 unspecified</i>	9	10	3	2	2	2	3	11	2	2		46
	<i>flexneri 5a</i>		1	2	1		2	1	2	2			11
	<i>flexneri 6</i>	59	58	42	28	61	30	45	25	32	31	19	430
	<i>flexneri unspecified</i>	755	892	814	838	746	344	358	275	388	382	446	6238
	<i>flexneri variant x</i>	4	6	5	1	3	6		7	5	5	4	46
	<i>flexneri variant y</i>	8	15	26	26	22	32	16	35	20	27	26	253
<i>flexneri 88-893</i>		5	1	1	1	4	4	3	7	5	6	37	
	Subtotal	1549	1745	1603	1435	1476	1023	1103	1077	1026	974	957	13968
<i>S. sonnei</i>	<i>sonnei</i>	11201	10621	6433	7809	7471	8519	11273	8175	7122	5348	5824	89796
	Subtotal	11201	10621	6433	7809	7471	8519	11273	8175	7122	5348	5824	89796
Unknown	Unknown	2171	3394	1101	1082	1228	1370	2315	815	707	645	879	15707
	Subtotal	2171	3394	1101	1082	1228	1370	2315	815	707	645	879	15707
Total		15068	15951	9343	10503	10335	10996	14805	10173	8962	7062	7746	120944

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