

Appendix 3. Culture-confirmed *Shigella* infections reported to LEDS by species, serotype, and year, 2006–2016

Cells with no numbers indicate no reported cases of that serotype for 2016. The key to state name abbreviations can be found at http://www.census.gov/geo/reference/ansi_statetables.html.

*S. boydii*¹

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
<i>boydii</i> 1	9	3	11	5	3	5	2			2	1	41
<i>boydii</i> 2	15	14	14	15	18	17	14	4		3	1	115
<i>boydii</i> 3							1					1
<i>boydii</i> 4	3	1	16	7	7	4	4	4		1	1	48
<i>boydii</i> 5		2		1		1			4			8
<i>boydii</i> 7								1				1
<i>boydii</i> 8	1	3	1	1	1	4	1	1		1		14
<i>boydii</i> 9				3								3
<i>boydii</i> 10	1		1	2	1	2	1		4	1		13
<i>boydii</i> 11				1								1
<i>boydii</i> 12	2	2	3	1	2	2		1			1	14
<i>boydii</i> 13		1						1	1			3
<i>boydii</i> 14	6	7		5	3	3	1	2	1	2		30
<i>boydii</i> 16					2							2
<i>boydii</i> 18	2		1	1					1		1	6
<i>boydii</i> 19				2	1		1					4
<i>boydii</i> 20		1	3	3	1	1	11	3	2	2	1	28
<i>boydii</i> unspecified	75	28	29	19	34	44	32	30	22	26	24	363
Subtotal	114	62	79	66	73	83	68	47	35	38	30	695

¹*Shigella boydii* serotype 13 is more appropriately classified as *Escherichia albertii*. These bacteria do not have the virulence genes associated with Enteroinvasive *Escherichia coli* (EIEC) and *Shigella* and are genetically separable from *Escherichia coli* and *Shigella* spp.

S. dysenteriae

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
<i>dysenteriae</i> 1	2	3	1			1			1		1	9
<i>dysenteriae</i> 2	4	4	7	8	5	2	2	4		5	1	42
<i>dysenteriae</i> 3	2	3	1	1	2	1	1				1	12
<i>dysenteriae</i> 4	3	1	4	6			2		1		1	18
<i>dysenteriae</i> 6				1								1
<i>dysenteriae</i> 7	1				1						1	3
<i>dysenteriae</i> 8				1		1					1	3
<i>dysenteriae</i> 9				2							1	3
<i>dysenteriae</i> 11									1			1
<i>dysenteriae</i> 12	2		1	1	3		2		1			10
<i>dysenteriae</i> 13	1			1				1				3
<i>dysenteriae</i> 3162-96			2		1							3
<i>dysenteriae</i> unspecified	31	12	13	17	21	7	21	11	13	9	11	166
Subtotal	46	23	29	38	33	12	28	16	17	14	18	274

S. flexneri

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
<i>flexneri 1a</i>	12	13	18	13	13	4	5	7	6	9	15	115
<i>flexneri 1b</i>	38	52	43	75	61	74	70	50	58	70	80	671
<i>flexneri 1 unspecified</i>	102	93	100	60	47	39	66	32	27	48	105	719
<i>flexneri 2a</i>	107	123	120	176	125	151	97	139	162	191	267	1,658
<i>flexneri 2b</i>	21	23	13	14	10	2	3	3	2	6	6	103
<i>flexneri 2 unspecified</i>	152	99	174	134	100	92	82	87	67	70	68	1,125
<i>flexneri 3a</i>	38	33	16	53	39	29	26	20	26	36	32	348
<i>flexneri 3b</i>	7	14	12	21	22	17	33	32	36	25	24	243
<i>flexneri 3 unspecified</i>	67	48	61	54	49	36	30	60	79	59	54	597
<i>flexneri 4a</i>	37	49	45	55	50	44	25	33	32	29	22	421
<i>flexneri 4b</i>	5	1		2	1		1	1	4	1	1	17
<i>flexneri 4c</i>		1	2	1	1			1		1		7
<i>flexneri 4 unspecified</i>	54	45	65	59	50	30	41	43	32	56	41	516
<i>flexneri 5a</i>			2	1	2	2		1				8
<i>flexneri 5b</i>	1											1
<i>flexneri 5 unspecified</i>	2	2	3	11	2	2		1		1		24
<i>flexneri 6</i>	61	30	45	25	32	30	20	18	19	20	16	316
<i>flexneri 88-893</i>	1	4	4	3	7	5	7	4	4	2	52	93
<i>flexneri unspecified</i>	738	342	356	274	383	380	478	515	548	542	777	5,333
<i>flexneri variant x</i>	3	6		7	5	5	4	1	6	1	1	39
<i>flexneri variant y</i>	22	30	16	34	20	27	27	26	27	33	31	293
Subtotal	1,468	1,008	1,095	1,072	1,019	969	1,015	1,074	1,135	1,200	1,592	12,647

S. sonnei

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
<i>sonnei</i>	7,426	8,239	11,270	8,172	7,116	5,345	6,349	5,794	9,332	11,700	10,139	90,882

Unknown

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
Unknown	1,178	1,337	2,262	797	668	615	941	524	432	832	818	10,404

All Species Total

Serotype	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
TOTAL OF ALL	9,054	9,332	12,473	9,348	8,241	6,409	7,460	6,931	10,519	12,952	11,779	104,498

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