

TABLE 1

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, 2008

<b>Species</b>	<b>Reported</b>	<b>Percent</b>
<i>S. boydii</i>	82	0.6
<i>S. dysenteriae</i>	32	0.2
<i>S. flexneri</i>	1103	7.5
<i>S. sonnei</i>	11273	76.1
<b>Subtotal</b>	<b>12490</b>	<b>84.4</b>
Unknown	2315	15.6
<b>Subtotal</b>	<b>2315</b>	<b>15.6</b>
<b>Total</b>	<b>14805</b>	<b>100</b>

TABLE 2

Laboratory-confirmed *Shigella* isolates reported to CDC, serotype, 2008

Species	Serotype	Reported	Percent of Total Frequency
<i>S. boydii</i>	<i>boydii</i> 1	11	0.07
	<i>boydii</i> 10	1	0.01
	<i>boydii</i> 12	3	0.02
	<i>boydii</i> 18	1	0.01
	<i>boydii</i> 2	14	0.09
	<i>boydii</i> 20	3	0.02
	<i>boydii</i> 4	16	0.11
	<i>boydii</i> 8	1	0.01
	<i>boydii</i> unspecified	32	0.22
	<b>Subtotal</b>	<b>82</b>	<b>0.55</b>
<i>S. dysenteriae</i>	<i>dysenteriae</i> 1	1	0.01
	<i>dysenteriae</i> 12	1	0.01
	<i>dysenteriae</i> 2	7	0.05
	<i>dysenteriae</i> 3	1	0.01
	<i>dysenteriae</i> 3162-96	2	0.01
	<i>dysenteriae</i> 4	4	0.03
	<i>dysenteriae</i> unspecified	16	0.11
	<b>Subtotal</b>	<b>32</b>	<b>0.22</b>
<i>S. flexneri</i>	<i>flexneri</i> 1 unspecified	100	0.68
	<i>flexneri</i> 1a	18	0.12
	<i>flexneri</i> 1b	43	0.29
	<i>flexneri</i> 2 unspecified	174	1.18
	<i>flexneri</i> 2a	120	0.81
	<i>flexneri</i> 2b	14	0.09
	<i>flexneri</i> 3 unspecified	63	0.43
	<i>flexneri</i> 3a	17	0.11
	<i>flexneri</i> 3b	13	0.09
	<i>flexneri</i> 4 unspecified	65	0.44
	<i>flexneri</i> 4a	46	0.31
	<i>flexneri</i> 4c	2	0.01
	<i>flexneri</i> 5 unspecified	3	0.02
	<i>flexneri</i> 5a	2	0.01
	<i>flexneri</i> 6	45	0.30
	<i>flexneri</i> 88-893	4	0.03
	<i>flexneri</i> unspecified	358	2.42
	<i>flexneri</i> variant y	16	0.11
	<b>Subtotal</b>	<b>1103</b>	<b>7.45</b>
<i>S. sonnei</i>	<i>sonnei</i>	11273	76.14
	<b>Subtotal</b>	<b>11273</b>	<b>76.14</b>
Unknown	Unknown	2315	15.64

TABLE 3

Laboratory-confirmed *Shigella* isolates reported to CDC, by species and patient's age group and sex, 2008

Species	Age Group	Female	Male	Unknown	Total	
<i>S. boydii</i>	< 1 Year	0	1	3	4	
	1 to 4 Years	11	3	0	14	
	5 to 9 Years	7	6	3	16	
	10 to 19 Years	4	2	1	7	
	20 to 29 Years	0	3	1	4	
	30 to 39 Years	1	7	0	8	
	40 to 49 Years	2	4	0	6	
	50 to 59 Years	2	4	0	6	
	60 to 69 Years	2	5	1	8	
	70 to 79 Years	1	0	0	1	
	80+ Years	0	1	0	1	
	Unknown Age	2	1	4	7	
	<b>Total</b>		<b>32</b>	<b>37</b>	<b>13</b>	<b>82</b>
<i>S. dysenteriae</i>	< 1 Year	0	0	1	1	
	1 to 4 Years	1	7	0	8	
	5 to 9 Years	3	0	0	3	
	10 to 19 Years	2	2	1	5	
	20 to 29 Years	2	0	0	2	
	30 to 39 Years	1	1	0	2	
	40 to 49 Years	1	0	1	2	
	50 to 59 Years	0	1	0	1	
	70 to 79 Years	2	2	0	4	
	80+ Years	1	0	0	1	
	Unknown Age	0	0	3	3	
	<b>Total</b>		<b>13</b>	<b>13</b>	<b>6</b>	<b>32</b>
	<i>S. flexneri</i>	< 1 Year	10	15	3	28
1 to 4 Years		137	133	11	281	
5 to 9 Years		82	73	8	163	
10 to 19 Years		44	33	4	81	
20 to 29 Years		55	104	13	172	
30 to 39 Years		27	93	7	127	
40 to 49 Years		27	69	8	104	
50 to 59 Years		17	34	6	57	
60 to 69 Years		15	21	0	36	
70 to 79 Years		6	9	1	16	
80+ Years		9	2	0	11	
Unknown Age		7	10	10	27	
<b>Total</b>			<b>436</b>	<b>596</b>	<b>71</b>	<b>1103</b>
<i>S. sonnei</i>	< 1 Year	119	133	9	261	
	1 to 4 Years	1791	1811	185	3787	
	5 to 9 Years	1671	1604	192	3467	
	10 to 19 Years	529	431	48	1008	

TABLE 3

Laboratory-confirmed *Shigella* isolates reported to CDC, by species and patient's age group and sex, 2008

Species	Age Group	Female	Male	Unknown	Total
	20 to 29 Years	599	218	39	856
	30 to 39 Years	438	235	27	700
	40 to 49 Years	214	128	26	368
	50 to 59 Years	187	112	17	316
	60 to 69 Years	109	67	9	185
	70 to 79 Years	37	39	3	79
	80+ Years	20	17	0	37
	Unknown Age	95	74	40	209
	<b>Total</b>	<b>5809</b>	<b>4869</b>	<b>595</b>	<b>11273</b>
Unknown	< 1 Year	20	19	1	40
	1 to 4 Years	256	293	45	594
	5 to 9 Years	303	297	24	624
	10 to 19 Years	126	93	13	232
	20 to 29 Years	133	52	14	199
	30 to 39 Years	97	59	7	163
	40 to 49 Years	68	49	5	122
	50 to 59 Years	39	20	3	62
	60 to 69 Years	34	22	4	60
	70 to 79 Years	12	17	1	30
	80+ Years	17	10	0	27
	Unknown Age	85	52	25	162
	<b>Total</b>	<b>1190</b>	<b>983</b>	<b>142</b>	<b>2315</b>
All <i>Shigella</i>	< 1 Year	149	168	17	334
	1 to 4 Years	2196	2247	241	4684
	5 to 9 Years	2066	1980	227	4273
	10 to 19 Years	705	561	67	1333
	20 to 29 Years	789	377	67	1233
	30 to 39 Years	564	395	41	1000
	40 to 49 Years	312	250	40	602
	50 to 59 Years	245	171	26	442
	60 to 69 Years	160	115	14	289
	70 to 79 Years	58	67	5	130
	80+ Years	47	30	0	77
	Unknown Age	189	137	82	408
	<b>Total</b>	<b>7480</b>	<b>6498</b>	<b>827</b>	<b>14805</b>

TABLE 4

Laboratory-confirmed *Shigella* isolates reported to CDC, by species and year, 1998-2008

Species	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
<i>S. boydii</i>	208	156	180	126	104	148	169	124	114	61	82	1472
<i>S. dysenteriae</i>	87	49	57	48	43	43	37	53	46	23	32	518
<i>S. flexneri</i>	2207	2025	1821	1668	1549	1745	1603	1435	1477	1023	1103	17656
<i>S. sonnei</i>	9387	7366	10803	8193	11201	10621	6433	7809	7471	8519	11273	99076
Unknown	596	489	639	564	2171	3394	1101	1082	1228	1370	2315	14949
<b>Total</b>	<b>12485</b>	<b>10085</b>	<b>13500</b>	<b>10599</b>	<b>15068</b>	<b>15951</b>	<b>9343</b>	<b>10503</b>	<b>10336</b>	<b>10996</b>	<b>14805</b>	<b>133671</b>

TABLE 5

Median age (years) of persons with laboratory-confirmed *Shigella* isolates reported to CDC,  
by species and year, 1998-2008

Species	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<i>S. boydii</i>	21	8	25	25	21	17	21	25	10	26	16
<i>S. dysenteriae</i>	35	28	10	28	29	22	9	25	20	8	15
<i>S. flexneri</i>	17	10	10	15	21	23	20	20	18	15	17
<i>S. sonnei</i>	7	7	8	8	7	7	7	7	7	6	6
Unknown	6	7	13	23	6	6	7	8	8	9	7

## NOTE:

\* Medians for 1998 and 1999 do not include California isolates because age information is not available for California before 2000.

TABLE 6

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, serotype, and year, 1998-2008

Species	Serotype	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total	
<i>S. boydii</i>	<i>boydii</i> 1	12	13	13	11	7	10	10	8	9	3	11	107	
	<i>boydii</i> 2	43	28	38	26	22	29	20	11	15	14	14	260	
	<i>boydii</i> 3	2	2	2	3	0	0	0	0	0	0	0	9	
	<i>boydii</i> 4	12	16	15	4	10	9	15	4	3	1	16	105	
	<i>boydii</i> 5	0	2	7	2	0	1	3	0	0	2	0	17	
	<i>boydii</i> 6	2	5	4	1	2	0	0	0	0	0	0	14	
	<i>boydii</i> 8	1	0	2	2	0	2	2	1	1	3	1	15	
	<i>boydii</i> 9	0	0	0	1	0	0	0	0	0	0	0	1	
	<i>boydii</i> 10	5	5	0	1	2	2	3	2	1	0	1	22	
	<i>boydii</i> 11	1	2	2	0	0	0	0	0	0	0	0	5	
	<i>boydii</i> 12	2	3	2	6	2	1	1	0	2	2	3	24	
	<i>boydii</i> 14	5	8	5	3	1	1	3	3	6	7	0	42	
	<i>boydii</i> 15	0	0	2	4	0	1	0	2	0	0	0	9	
	<i>boydii</i> 18	2	1	0	0	1	0	0	0	2	0	1	7	
	<i>boydii</i> 19	4	1	0	0	0	0	0	0	0	0	0	5	
	<i>boydii</i> 20	0	0	0	0	0	1	1	2	0	1	3	8	
	<i>boydii</i> unspecified	117	70	88	62	57	91	111	91	75	28	32	822	
		<b>Subtotal</b>	<b>208</b>	<b>156</b>	<b>180</b>	<b>126</b>	<b>104</b>	<b>148</b>	<b>169</b>	<b>124</b>	<b>114</b>	<b>61</b>	<b>82</b>	<b>1472</b>
	<i>S. dysenteriae</i>	<i>dysenteriae</i> 1	3	6	9	1	1	5	4	3	2	3	1	38
		<i>dysenteriae</i> 2	37	12	5	8	5	10	4	5	4	4	7	101
<i>dysenteriae</i> 3		9	4	3	4	1	2	4	4	2	3	1	37	
<i>dysenteriae</i> 4		1	0	3	0	5	2	1	4	3	1	4	24	
<i>dysenteriae</i> 5		0	0	0	0	1	0	0	0	0	0	0	1	
<i>dysenteriae</i> 6		0	0	0	0	0	0	0	1	0	0	0	1	
<i>dysenteriae</i> 7		0	1	0	0	0	0	0	0	1	0	0	2	
<i>dysenteriae</i> 8		0	1	0	0	2	0	0	0	0	0	0	3	
<i>dysenteriae</i> 9		0	1	1	3	3	1	0	0	0	0	0	9	
<i>dysenteriae</i> 10		0	0	1	0	2	0	0	0	0	0	0	3	
<i>dysenteriae</i> 12		0	0	0	0	0	0	2	1	2	0	1	6	
<i>dysenteriae</i> 13		0	0	0	0	0	0	0	0	1	0	0	1	
<i>dysenteriae</i> 14		0	0	0	0	0	1	0	0	0	0	0	1	
<i>dysenteriae</i> unspecified		37	24	35	32	23	22	22	34	31	12	16	288	
<i>dysenteriae</i> 3162-96		0	0	0	0	0	0	0	1	0	0	2	3	
		<b>Subtotal</b>	<b>87</b>	<b>49</b>	<b>57</b>	<b>48</b>	<b>43</b>	<b>43</b>	<b>37</b>	<b>53</b>	<b>46</b>	<b>23</b>	<b>32</b>	<b>518</b>
<i>S. flexneri</i>		<i>flexneri</i> 1 unspecified	200	169	145	136	110	100	98	88	102	95	100	1343
	<i>flexneri</i> 1a	9	7	5	11	9	6	1	3	12	13	18	94	
	<i>flexneri</i> 1b	26	25	13	19	26	33	27	34	38	55	43	339	
	<i>flexneri</i> 2 unspecified	395	361	293	226	183	186	185	109	152	100	174	2364	
	<i>flexneri</i> 2a	102	134	100	147	103	95	89	88	107	125	120	1210	
	<i>flexneri</i> 2b	20	13	33	17	14	17	10	17	22	24	14	201	
	<i>flexneri</i> 3 unspecified	155	93	96	95	70	113	112	53	67	48	63	965	
	<i>flexneri</i> 3a	28	65	55	34	51	79	53	31	38	33	17	484	

TABLE 6

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, serotype, and year, 1998-2008

Species	Serotype	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	<i>flexneri</i> 3b	12	9	12	12	16	12	13	17	7	14	13	137
	<i>flexneri</i> 4 unspecified	116	75	72	67	74	61	69	50	54	45	65	748
	<i>flexneri</i> 4a	13	34	35	55	53	49	53	47	37	51	46	473
	<i>flexneri</i> 4b	4	0	0	0	5	6	0	1	5	1	0	22
	<i>flexneri</i> 4c	0	0	0	0	0	1	0	0	0	1	2	4
	<i>flexneri</i> 5 unspecified	56	28	23	17	9	10	3	2	2	2	3	155
	<i>flexneri</i> 5a	0	0	0	0	0	1	2	1	0	0	2	6
	<i>flexneri</i> 5b	0	0	0	0	0	0	0	0	1	0	0	1
	<i>flexneri</i> 6	78	79	68	71	59	58	42	28	61	30	45	619
	<i>flexneri</i> unspecified	985	916	853	738	755	892	814	838	746	344	358	8239
	<i>flexneri</i> variant x	6	2	2	2	4	6	5	1	3	6	0	37
	<i>flexneri</i> variant y	2	15	16	21	8	15	26	26	22	32	16	199
	<i>flexneri</i> 88-893	0	0	0	0	0	5	1	1	1	4	4	16
	<b>Subtotal</b>	<b>2207</b>	<b>2025</b>	<b>1821</b>	<b>1668</b>	<b>1549</b>	<b>1745</b>	<b>1603</b>	<b>1435</b>	<b>1477</b>	<b>1023</b>	<b>1103</b>	<b>17656</b>
<i>S. sonnei</i>	<i>sonnei</i>	9387	7366	10803	8193	11201	10621	6433	7809	7471	8519	11273	99076
	<b>Subtotal</b>	<b>9387</b>	<b>7366</b>	<b>10803</b>	<b>8193</b>	<b>11201</b>	<b>10621</b>	<b>6433</b>	<b>7809</b>	<b>7471</b>	<b>8519</b>	<b>11273</b>	<b>99076</b>
Unknown	Unknown	596	489	639	564	2171	3394	1101	1082	1228	1370	2315	14949
	<b>Subtotal</b>	<b>596</b>	<b>489</b>	<b>639</b>	<b>564</b>	<b>2171</b>	<b>3394</b>	<b>1101</b>	<b>1082</b>	<b>1228</b>	<b>1370</b>	<b>2315</b>	<b>14949</b>
<b>All <i>Shigella</i></b>	<b>Total</b>	<b>12485</b>	<b>10085</b>	<b>13500</b>	<b>10599</b>	<b>15068</b>	<b>15951</b>	<b>9343</b>	<b>10503</b>	<b>10336</b>	<b>10996</b>	<b>14805</b>	<b>133671</b>



TABLE 7

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, serotype and month of isolation, 2008

Species	Serotype	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<i>S. boydii</i>	<i>boydii</i> 1	1	1	0	1	1	0	2	1	0	4	0	0	11
	<i>boydii</i> 2	0	0	0	1	5	2	1	0	4	1	0	0	14
	<i>boydii</i> 4	2	0	2	0	1	6	1	1	1	1	0	1	16
	<i>boydii</i> 8	0	0	0	1	0	0	0	0	0	0	0	0	1
	<i>boydii</i> 10	0	0	0	0	1	0	0	0	0	0	0	0	1
	<i>boydii</i> 12	1	0	0	0	0	1	1	0	0	0	0	0	3
	<i>boydii</i> 18	0	0	0	0	0	0	1	0	0	0	0	0	1
	<i>boydii</i> 20	0	0	1	0	1	0	0	0	0	0	0	1	3
	<i>boydii</i> unspecified	4	0	1	2	2	2	3	2	3	5	3	5	32
	<b>Subtotal</b>	<b>8</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>11</b>	<b>11</b>	<b>9</b>	<b>4</b>	<b>8</b>	<b>11</b>	<b>3</b>	<b>7</b>	<b>82</b>
<i>S. dysenteriae</i>	<i>dysenteriae</i> 1	0	0	0	0	0	0	0	0	0	0	0	1	1
	<i>dysenteriae</i> 2	0	0	0	1	0	0	1	1	1	1	1	1	7
	<i>dysenteriae</i> 3	0	0	0	0	0	0	1	0	0	0	0	0	1
	<i>dysenteriae</i> 4	0	0	0	0	1	0	1	0	1	0	1	0	4
	<i>dysenteriae</i> 12	0	0	0	0	0	0	0	1	0	0	0	0	1
	<i>dysenteriae</i> unspecified	0	1	0	3	1	1	1	0	2	5	1	1	16
	<i>dysenteriae</i> 3162-96	0	0	0	0	2	0	0	0	0	0	0	0	2
	<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>32</b>
<i>S. flexneri</i>	<i>flexneri</i> 1 unspecified	7	4	3	8	6	14	12	14	15	5	6	6	100
	<i>flexneri</i> 1a	3	0	0	0	1	2	3	3	3	3	0	0	18
	<i>flexneri</i> 1b	2	0	4	8	2	5	2	1	9	2	5	3	43
	<i>flexneri</i> 2 unspecified	14	18	12	6	11	23	18	24	18	14	10	6	174
	<i>flexneri</i> 2a	10	5	13	7	6	11	17	13	16	7	10	5	120
	<i>flexneri</i> 2b	2	0	1	2	0	0	2	6	0	0	0	1	14
	<i>flexneri</i> 3 unspecified	8	2	3	7	3	8	7	4	7	2	5	7	63
	<i>flexneri</i> 3a	2	0	0	0	2	2	2	2	3	2	1	1	17
	<i>flexneri</i> 3b	0	1	3	1	1	0	2	0	2	1	1	1	13
	<i>flexneri</i> 4 unspecified	3	2	0	6	3	8	6	6	10	12	5	4	65
	<i>flexneri</i> 4a	5	3	7	3	5	4	3	3	5	1	5	2	46
	<i>flexneri</i> 4c	0	0	0	0	2	0	0	0	0	0	0	0	2
	<i>flexneri</i> 5 unspecified	1	0	1	0	0	0	0	1	0	0	0	0	3
	<i>flexneri</i> 5a	0	0	0	0	0	0	0	1	0	1	0	0	2
	<i>flexneri</i> 6	2	1	5	1	7	7	5	6	6	2	1	2	45
	<i>flexneri</i> unspecified	42	14	34	32	33	29	37	38	31	27	20	21	358
	<i>flexneri</i> variant y	3	0	1	1	0	1	1	2	2	2	1	2	16
	<i>flexneri</i> 88-893	1	0	0	1	0	0	0	0	1	0	0	1	4
	<b>Subtotal</b>	<b>105</b>	<b>50</b>	<b>87</b>	<b>83</b>	<b>82</b>	<b>114</b>	<b>117</b>	<b>124</b>	<b>128</b>	<b>81</b>	<b>70</b>	<b>62</b>	<b>1103</b>
<i>S. sonnei</i>	<i>sonnei</i>	563	515	707	839	1264	1060	971	986	1077	1236	1148	907	11273
	<b>Subtotal</b>	<b>563</b>	<b>515</b>	<b>707</b>	<b>839</b>	<b>1264</b>	<b>1060</b>	<b>971</b>	<b>986</b>	<b>1077</b>	<b>1236</b>	<b>1148</b>	<b>907</b>	<b>11273</b>
Unknown	Unknown	175	154	136	213	255	262	213	286	188	172	137	124	2315
	<b>Subtotal</b>	<b>175</b>	<b>154</b>	<b>136</b>	<b>213</b>	<b>255</b>	<b>262</b>	<b>213</b>	<b>286</b>	<b>188</b>	<b>172</b>	<b>137</b>	<b>124</b>	<b>2315</b>
<b>All Shigella</b>	<b>Total</b>	<b>851</b>	<b>721</b>	<b>934</b>	<b>1144</b>	<b>1616</b>	<b>1448</b>	<b>1314</b>	<b>1402</b>	<b>1405</b>	<b>1506</b>	<b>1361</b>	<b>1103</b>	<b>14805</b>

TABLE 8

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, serotype and month, 1998-2008

Species	Serotype	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<i>S. boydii</i>	<i>boydii</i> 1	7	5	6	9	6	8	9	15	21	12	3	6	107
	<i>boydii</i> 2	16	16	19	17	26	20	28	28	28	33	22	7	260
	<i>boydii</i> 3	1	1	0	1	2	3	0	0	1	0	0	0	9
	<i>boydii</i> 4	6	7	5	4	7	11	12	14	19	7	6	7	105
	<i>boydii</i> 5	0	2	0	1	2	3	4	0	1	0	4	0	17
	<i>boydii</i> 6	1	1	0	0	0	2	2	2	2	4	0	0	14
	<i>boydii</i> 8	1	3	1	2	0	1	2	4	0	0	0	1	15
	<i>boydii</i> 9	1	0	0	0	0	0	0	0	0	0	0	0	1
	<i>boydii</i> 10	0	0	1	2	2	3	1	7	3	0	2	1	22
	<i>boydii</i> 11	1	0	1	0	0	0	1	1	1	0	0	0	5
	<i>boydii</i> 12	2	3	3	1	1	4	3	5	1	1	0	0	24
	<i>boydii</i> 14	2	1	0	3	7	4	10	6	2	2	2	3	42
	<i>boydii</i> 15	0	0	0	1	3	0	1	1	1	1	0	1	9
	<i>boydii</i> 18	0	1	0	0	2	0	1	1	0	1	0	1	7
	<i>boydii</i> 19	1	0	0	0	1	0	0	1	1	1	0	0	5
	<i>boydii</i> 20	1	0	1	0	2	1	0	1	0	0	0	2	8
	<i>boydii</i> unspecified	55	43	45	37	68	68	79	107	87	104	70	59	822
	<b>Subtotal</b>	<b>95</b>	<b>83</b>	<b>82</b>	<b>78</b>	<b>129</b>	<b>128</b>	<b>153</b>	<b>193</b>	<b>168</b>	<b>166</b>	<b>109</b>	<b>88</b>	<b>1472</b>
<i>S. dysenteriae</i>	<i>dysenteriae</i> 1	1	3	1	3	3	2	5	8	6	3	1	2	38
	<i>dysenteriae</i> 2	3	15	16	10	2	7	9	13	10	5	5	6	101
	<i>dysenteriae</i> 3	3	1	4	2	0	5	5	6	4	2	3	2	37
	<i>dysenteriae</i> 4	2	3	1	1	4	3	2	2	3	0	2	1	24
	<i>dysenteriae</i> 5	0	0	0	0	0	0	0	0	1	0	0	0	1
	<i>dysenteriae</i> 6	0	0	0	0	0	0	0	1	0	0	0	0	1
	<i>dysenteriae</i> 7	0	0	0	0	1	0	0	0	0	1	0	0	2
	<i>dysenteriae</i> 8	0	0	0	0	0	0	0	1	1	0	1	0	3
	<i>dysenteriae</i> 9	0	4	1	0	2	0	0	0	2	0	0	0	9
	<i>dysenteriae</i> 10	0	0	0	0	0	0	1	0	2	0	0	0	3
	<i>dysenteriae</i> 12	1	0	0	0	1	0	0	1	1	1	1	0	6
	<i>dysenteriae</i> 13	0	0	0	1	0	0	0	0	0	0	0	0	1
	<i>dysenteriae</i> 14	0	0	0	0	0	0	0	0	0	1	0	0	1
	<i>dysenteriae</i> unspecified	19	15	21	34	19	17	19	54	28	28	19	15	288
	<i>dysenteriae</i> 3162-96	0	0	0	0	2	0	0	0	0	0	1	0	3
	<b>Subtotal</b>	<b>29</b>	<b>41</b>	<b>44</b>	<b>51</b>	<b>34</b>	<b>34</b>	<b>41</b>	<b>86</b>	<b>58</b>	<b>41</b>	<b>33</b>	<b>26</b>	<b>518</b>
<i>S. flexneri</i>	<i>flexneri</i> 1 unspecified	90	68	93	90	121	110	147	148	150	149	94	83	1343
	<i>flexneri</i> 1a	8	5	6	3	10	8	14	9	6	13	9	3	94
	<i>flexneri</i> 1b	33	14	23	28	33	38	28	44	45	19	25	9	339
	<i>flexneri</i> 2 unspecified	201	145	161	146	191	205	246	321	200	228	177	143	2364
	<i>flexneri</i> 2a	113	79	99	99	94	117	117	120	106	93	92	81	1210
	<i>flexneri</i> 2b	14	11	15	22	12	12	30	28	14	23	10	10	201

TABLE 8

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, serotype and month, 1998-2008

Species	Serotype	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>flexneri</i> 3 unspecified	96	75	80	74	62	67	81	98	107	60	82	83	965
	<i>flexneri</i> 3a	31	40	30	28	34	40	48	68	42	56	30	37	484
	<i>flexneri</i> 3b	12	13	19	12	10	10	10	5	7	13	12	14	137
	<i>flexneri</i> 4 unspecified	54	44	56	60	42	70	67	91	90	77	51	46	748
	<i>flexneri</i> 4a	45	35	36	39	38	55	46	47	40	35	31	26	473
	<i>flexneri</i> 4b	0	1	0	1	1	2	2	6	3	2	3	1	22
	<i>flexneri</i> 4c	0	0	0	1	2	0	0	0	0	0	1	0	4
	<i>flexneri</i> 5 unspecified	15	7	12	7	15	6	15	19	20	12	19	8	155
	<i>flexneri</i> 5a	0	1	0	0	1	1	0	2	0	1	0	0	6
	<i>flexneri</i> 5b	0	0	0	0	0	0	0	0	0	1	0	0	1
	<i>flexneri</i> 6	35	21	36	35	53	44	80	104	80	47	36	48	619
	<i>flexneri</i> unspecified	647	568	655	616	633	672	829	812	810	728	629	640	8239
	<i>flexneri</i> variant x	0	2	1	3	1	2	4	9	5	3	5	2	37
	<i>flexneri</i> variant y	17	13	13	16	8	16	9	24	23	14	28	18	199
	<i>flexneri</i> 88-893	2	1	0	1	1	1	3	1	2	0	2	2	16
	<b>Subtotal</b>	<b>1413</b>	<b>1143</b>	<b>1335</b>	<b>1281</b>	<b>1362</b>	<b>1476</b>	<b>1776</b>	<b>1956</b>	<b>1750</b>	<b>1574</b>	<b>1336</b>	<b>1254</b>	<b>17656</b>
<i>S. sonnei</i>	<i>sonnei</i>	5986	4961	5594	5935	8426	8757	9513	10653	10471	11618	9598	7564	99076
	<b>Subtotal</b>	<b>5986</b>	<b>4961</b>	<b>5594</b>	<b>5935</b>	<b>8426</b>	<b>8757</b>	<b>9513</b>	<b>10653</b>	<b>10471</b>	<b>11618</b>	<b>9598</b>	<b>7564</b>	<b>99076</b>
Unknown	Unknown	939	837	922	1076	1370	1274	1365	1569	1620	1515	1305	1157	14949
	<b>Subtotal</b>	<b>939</b>	<b>837</b>	<b>922</b>	<b>1076</b>	<b>1370</b>	<b>1274</b>	<b>1365</b>	<b>1569</b>	<b>1620</b>	<b>1515</b>	<b>1305</b>	<b>1157</b>	<b>14949</b>
<b>All Shigella</b>	<b>Total</b>	<b>8462</b>	<b>7065</b>	<b>7977</b>	<b>8421</b>	<b>11321</b>	<b>11669</b>	<b>12848</b>	<b>14457</b>	<b>14067</b>	<b>14914</b>	<b>12381</b>	<b>10089</b>	<b>133671</b>

TABLE 9

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, geographic region and year, 1998-2008

Species	Region	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
<i>S. boydii</i>	New England	6	8	7	5	6	10	10	12	7	4	1	76
	Mid Atlantic	10	11	16	15	11	11	9	5	8	7	16	119
	East North Central	25	23	12	12	11	15	12	13	17	2	6	148
	West North Central	4	6	7	7	6	2	11	6	6	0	12	67
	South Atlantic	9	9	14	12	7	4	21	6	8	8	4	102
	East South Central	2	0	1	2	0	1	1	2	2	1	1	13
	West South Central	15	18	12	5	5	24	23	18	10	12	11	153
	Mountain	22	22	38	28	18	22	17	21	25	14	21	248
	Pacific	115	59	73	40	40	59	65	41	31	13	10	546
	<b>Total</b>		<b>208</b>	<b>156</b>	<b>180</b>	<b>126</b>	<b>104</b>	<b>148</b>	<b>169</b>	<b>124</b>	<b>114</b>	<b>61</b>	<b>82</b>
<i>S. dysenteriae</i>	New England	10	3	2	3	4	4	2	5	3	1	4	41
	Mid Atlantic	7	2	11	7	6	8	3	3	7	6	9	69
	East North Central	9	9	4	0	7	7	4	11	10	4	2	67
	West North Central	1	2	0	3	2	1	1	1	0	3	2	16
	South Atlantic	6	2	4	8	0	1	1	3	0	0	1	26
	East South Central	1	0	0	0	0	1	4	1	2	0	0	9
	West South Central	9	1	3	1	0	2	7	6	1	5	6	41
	Mountain	16	7	5	3	5	5	3	9	5	4	3	65
	Pacific	28	23	28	23	19	14	12	14	18	0	5	184
	<b>Total</b>		<b>87</b>	<b>49</b>	<b>57</b>	<b>48</b>	<b>43</b>	<b>43</b>	<b>37</b>	<b>53</b>	<b>46</b>	<b>23</b>	<b>32</b>
<i>S. flexneri</i>	New England	102	99	74	88	79	95	84	78	89	68	57	913
	Mid Atlantic	247	176	154	194	106	104	154	105	172	115	177	1704
	East North Central	191	223	179	145	153	192	194	128	112	82	108	1707
	West North Central	79	95	70	70	77	59	50	71	53	58	77	759
	South Atlantic	136	127	135	164	160	158	177	184	190	184	147	1762
	East South Central	18	16	21	26	32	34	41	35	46	36	40	345
	West South Central	137	174	121	71	76	128	157	116	112	139	133	1364
	Mountain	352	338	313	256	234	287	269	277	291	257	265	3139
	Pacific	945	777	754	654	632	688	477	441	412	84	99	5963
	<b>Total</b>		<b>2207</b>	<b>2025</b>	<b>1821</b>	<b>1668</b>	<b>1549</b>	<b>1745</b>	<b>1603</b>	<b>1435</b>	<b>1477</b>	<b>1023</b>	<b>1103</b>
<i>S. sonnei</i>	New England	248	739	299	185	230	227	176	184	149	102	103	2642
	Mid Atlantic	1470	547	1536	744	1090	1555	709	624	501	400	1653	10829
	East North Central	1354	1592	1896	1726	1288	1245	601	362	277	428	816	11585
	West North Central	538	696	1971	1216	534	403	306	1161	1449	1179	884	10337
	South Atlantic	1121	396	1003	1141	3454	1976	951	642	1329	1855	1843	15711
	East South Central	1209	681	534	608	606	600	721	982	746	2242	1541	10470
	West South Central	1292	986	948	705	1314	2416	1979	2396	1338	1591	3550	18515
	Mountain	374	408	511	408	647	711	319	602	918	584	775	6257
	Pacific	1781	1321	2105	1460	2038	1488	671	856	764	138	108	12730
	<b>Total</b>		<b>9387</b>	<b>7366</b>	<b>10803</b>	<b>8193</b>	<b>11201</b>	<b>10621</b>	<b>6433</b>	<b>7809</b>	<b>7471</b>	<b>8519</b>	<b>11273</b>
Unknown	New England	0	2	3	7	6	2	1	1	6	13	71	112
	Mid Atlantic	5	13	9	7	1	0	21	27	13	10	37	143

TABLE 9

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, geographic region and year, 1998-2008

Species	Region	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	East North Central	1	6	5	14	2	3	2	229	317	812	1002	2393
	West North Central	1	7	16	36	14	2	42	51	35	10	19	233
	South Atlantic	3	0	15	6	3	6	10	5	9	137	90	284
	East South Central	0	2	31	11	14	84	67	29	67	11	10	326
	West South Central	16	33	85	13	1697	2933	719	383	522	363	1072	7836
	Mountain	0	0	7	81	31	17	27	60	26	13	11	273
	Pacific	570	426	468	389	403	347	212	297	233	1	3	3349
	<b>Total</b>	<b>596</b>	<b>489</b>	<b>639</b>	<b>564</b>	<b>2171</b>	<b>3394</b>	<b>1101</b>	<b>1082</b>	<b>1228</b>	<b>1370</b>	<b>2315</b>	<b>14949</b>
All <i>Shigella</i>	New England	366	851	385	288	325	338	273	280	254	188	236	3784
	Mid Atlantic	1739	749	1726	967	1214	1678	896	764	701	538	1892	12864
	East North Central	1580	1853	2096	1897	1461	1462	813	743	733	1328	1934	15900
	West North Central	623	806	2064	1332	633	467	410	1290	1543	1250	994	11412
	South Atlantic	1275	534	1171	1331	3624	2145	1160	840	1536	2184	2085	17885
	East South Central	1230	699	587	647	652	720	834	1049	863	2290	1592	11163
	West South Central	1469	1212	1169	795	3092	5503	2885	2919	1983	2110	4772	27909
	Mountain	764	775	874	776	935	1042	635	969	1265	872	1075	9982
	Pacific	3439	2606	3428	2566	3132	2596	1437	1649	1458	236	225	22772
	<b>Total</b>	<b>12485</b>	<b>10085</b>	<b>13500</b>	<b>10599</b>	<b>15068</b>	<b>15951</b>	<b>9343</b>	<b>10503</b>	<b>10336</b>	<b>10996</b>	<b>14805</b>	<b>133671</b>

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
<i>S. boydii</i>	Alabama	0	0	0	0	0	0	0	2	0	0	1	3
	Arizona	9	12	20	11	14	10	6	7	9	9	15	122
	Arkansas	0	0	0	0	0	0	1	0	0	1	0	2
	California	103	54	65	31	38	55	61	41	26	0	5	479
	Colorado	5	3	8	1	1	3	8	7	10	0	2	48
	Connecticut	3	0	1	0	0	0	1	2	1	0	0	8
	Delaware	0	0	0	1	0	0	0	1	0	1	0	3
	District of Columbia	0	0	0	0	0	0	0	0	0	1	0	1
	Florida	1	0	0	0	0	0	0	0	0	0	0	1
	Georgia	0	4	6	3	2	0	12	1	3	2	1	34
	Hawaii	2	0	0	2	0	0	0	0	0	1	0	5
	Idaho	1	0	1	4	1	3	2	0	0	0	0	12
	Illinois	22	16	7	5	3	6	7	8	13	0	0	87
	Indiana	1	1	1	0	1	1	1	0	0	1	0	7
	Iowa	0	0	4	4	2	0	3	0	1	0	1	15
	Kansas	1	0	1	0	2	0	0	0	0	0	0	4
	Kentucky	0	0	0	0	0	1	1	0	0	0	0	2
	Louisiana	0	2	0	2	0	0	0	2	1	0	0	7
	Maine	0	0	0	1	0	0	0	0	0	0	0	1
	Maryland	2	1	2	2	1	0	5	0	2	0	1	16
	Massachusetts	3	7	6	4	4	9	7	6	4	3	1	54
	Michigan	0	3	3	3	5	4	4	3	2	0	4	31
	Minnesota	3	5	1	2	2	2	3	1	4	0	7	30
	Missouri	0	0	0	1	0	0	0	0	0	0	0	1
	Montana	0	0	0	0	1	0	0	0	0	0	0	1
	Nebraska	0	1	1	0	0	0	1	0	0	0	0	3
	Nevada	2	0	1	1	0	0	0	1	1	1	0	7
	New Hampshire	0	0	0	0	1	0	1	3	0	1	0	6
	New Jersey	2	3	7	4	0	5	3	4	3	0	5	36
	New Mexico	4	2	5	6	1	6	1	5	3	3	3	39
	New York	8	8	8	7	10	4	5	0	3	6	10	69
	North Carolina	5	1	3	0	1	3	0	0	0	0	1	14
	North Dakota	0	0	0	0	0	0	0	0	0	0	2	2
	Ohio	2	2	0	3	1	1	0	1	0	0	0	10
	Oklahoma	1	2	2	0	1	1	0	0	0	2	2	11
	Oregon	5	3	3	4	2	4	1	0	1	1	3	27
	Pennsylvania	0	0	1	4	1	2	1	1	2	1	1	14
	Rhode Island	0	1	0	0	1	1	0	0	2	0	0	5
	South Carolina	0	1	1	1	0	0	1	0	0	0	0	4
	South Dakota	0	0	0	0	0	0	4	5	1	0	2	12
	Tennessee	2	0	1	2	0	0	0	0	2	1	0	8
	Texas	14	14	10	3	4	23	22	16	9	9	9	133

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Utah	1	5	3	5	0	0	0	1	2	1	1	19
	Vermont	0	0	0	0	0	0	1	1	0	0	0	2
	Virginia	1	2	2	5	2	1	2	4	3	4	1	27
	Washington	5	2	5	3	0	0	3	0	4	11	2	35
	West Virginia	0	0	0	0	1	0	1	0	0	0	0	2
	Wisconsin	0	1	1	1	1	3	0	1	2	1	2	13
	<b>Total</b>	<b>208</b>	<b>156</b>	<b>180</b>	<b>126</b>	<b>104</b>	<b>148</b>	<b>169</b>	<b>124</b>	<b>114</b>	<b>61</b>	<b>82</b>	<b>1472</b>
<i>S. dysenteriae</i>	Alabama	0	0	0	0	0	0	0	1	0	0	0	1
	Arizona	11	5	4	1	1	3	1	5	4	3	1	39
	Arkansas	0	0	0	0	0	0	0	0	0	1	0	1
	California	25	20	23	21	18	12	9	13	16	0	0	157
	Colorado	3	2	0	0	1	2	2	4	0	0	1	15
	Connecticut	5	0	0	0	1	2	0	1	1	0	1	11
	Florida	1	0	1	2	0	0	0	0	0	0	0	4
	Georgia	1	1	0	3	0	0	0	0	0	0	1	6
	Idaho	0	0	0	1	0	0	0	0	0	0	0	1
	Illinois	7	5	1	0	3	2	2	7	7	2	0	36
	Indiana	2	0	0	0	3	1	0	0	0	0	0	6
	Kentucky	1	0	0	0	0	0	2	0	0	0	0	3
	Louisiana	0	0	1	0	0	0	1	1	0	0	0	3
	Maine	0	0	0	0	0	0	0	2	0	0	0	2
	Maryland	0	0	2	1	0	1	0	1	0	0	0	5
	Massachusetts	5	2	2	2	3	2	2	2	1	0	3	24
	Michigan	0	3	2	0	0	3	0	0	3	0	2	13
	Minnesota	1	2	0	3	1	1	1	0	0	1	0	10
	Missouri	0	0	0	0	1	0	0	1	0	0	0	2
	Montana	0	0	0	0	0	0	0	0	1	0	0	1
	Nevada	0	0	0	0	0	0	0	0	0	0	1	1
	New Jersey	5	1	3	3	0	2	1	0	1	3	0	19
	New Mexico	2	0	0	0	2	0	0	0	0	0	0	4
	New York	2	1	7	0	3	4	0	2	5	3	7	34
	North Carolina	1	1	0	0	0	0	1	0	0	0	0	3
	North Dakota	0	0	0	0	0	0	0	0	0	1	1	2
	Ohio	0	1	1	0	1	1	0	0	0	0	0	4
	Oklahoma	0	0	0	0	0	0	0	0	0	1	2	3
	Oregon	2	1	1	1	0	0	1	1	0	0	1	8
	Pennsylvania	0	0	1	4	3	2	2	1	1	0	2	16
	Rhode Island	0	1	0	1	0	0	0	0	1	1	0	4
	South Dakota	0	0	0	0	0	0	0	0	0	1	1	2
	Tennessee	0	0	0	0	0	1	2	0	2	0	0	5
	Texas	9	1	2	1	0	2	6	5	1	3	4	34
	Utah	0	0	1	1	1	0	0	0	0	1	0	4

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Virginia	3	0	1	2	0	0	0	2	0	0	0	8
	Washington	1	2	4	1	1	2	2	0	2	0	4	19
	Wisconsin	0	0	0	0	0	0	2	4	0	2	0	8
	<b>Total</b>	<b>87</b>	<b>49</b>	<b>57</b>	<b>48</b>	<b>43</b>	<b>43</b>	<b>37</b>	<b>53</b>	<b>46</b>	<b>23</b>	<b>32</b>	<b>518</b>
<i>S. flexneri</i>	Alabama	5	5	8	8	7	10	7	10	19	17	12	108
	Alaska	0	4	0	3	0	4	1	4	4	3	0	23
	Arizona	202	192	158	140	112	134	136	103	148	147	161	1633
	Arkansas	4	2	4	2	0	7	28	11	12	8	9	87
	California	767	631	610	477	511	548	365	349	343	0	5	4606
	Colorado	57	64	55	40	57	65	50	94	60	44	43	629
	Connecticut	15	20	15	21	17	18	24	17	25	13	3	188
	Delaware	1	5	11	4	3	7	6	3	4	2	4	50
	District of Columbia	0	0	0	0	0	0	3	4	3	14	0	24
	Florida	8	10	7	9	8	0	6	0	1	0	1	50
	Georgia	43	47	53	51	57	61	75	76	78	99	76	716
	Hawaii	25	25	17	39	32	33	34	21	27	9	35	297
	Idaho	9	6	8	3	3	8	7	7	3	9	4	67
	Illinois	163	159	110	65	81	103	111	44	36	32	0	904
	Indiana	11	13	15	11	11	12	12	11	17	7	7	127
	Iowa	6	9	10	6	11	4	9	13	9	10	12	99
	Kansas	12	11	7	7	5	9	8	8	4	3	8	82
	Kentucky	2	0	2	2	2	11	11	9	8	4	9	60
	Louisiana	15	5	5	3	27	26	21	13	8	8	3	134
	Maine	0	0	1	0	0	3	2	6	0	1	5	18
	Maryland	29	21	19	34	26	43	33	32	34	22	21	314
	Massachusetts	81	60	43	53	49	61	47	48	53	46	39	580
	Michigan	0	37	30	42	43	41	27	22	40	25	83	390
	Minnesota	39	37	22	30	34	28	19	26	24	26	41	326
	Mississippi	2	0	1	4	6	3	3	0	1	1	2	23
	Missouri	11	14	18	17	23	11	10	22	11	9	8	154
	Montana	2	0	1	0	0	1	2	1	2	2	2	13
	Nebraska	1	15	10	0	0	0	4	1	3	4	2	40
	Nevada	8	6	14	17	9	9	16	12	34	22	14	161
	New Hampshire	2	7	3	1	5	5	2	2	1	1	4	33
	New Jersey	85	59	44	38	16	22	56	18	51	21	59	469
	New Mexico	53	48	38	29	35	52	39	40	27	21	22	404
	New York	126	93	86	139	58	57	59	49	87	86	91	931
	North Carolina	23	24	22	35	32	25	11	23	24	16	26	261
	North Dakota	1	1	1	4	0	5	0	0	2	5	3	22
	Ohio	13	10	21	20	13	24	33	22	0	0	0	156
	Oklahoma	3	6	4	6	8	10	7	7	3	12	32	98
	Oregon	60	51	38	56	25	42	24	21	26	30	35	408



TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Pennsylvania	36	24	24	17	32	25	39	38	34	8	27	304
	Rhode Island	4	10	12	9	7	5	8	4	7	7	6	79
	South Carolina	5	1	3	7	7	5	6	14	7	4	9	68
	South Dakota	9	8	2	6	4	2	0	1	0	1	3	36
	Tennessee	9	11	10	12	17	10	20	16	18	14	17	154
	Texas	115	161	108	60	41	85	101	85	89	111	89	1045
	Utah	21	21	38	27	16	18	19	20	17	11	19	227
	Vermont	0	2	0	4	1	3	1	1	3	0	0	15
	Virginia	27	19	19	22	26	16	37	31	36	27	9	269
	Washington	93	66	89	79	64	61	53	46	12	42	24	629
	West Virginia	0	0	1	2	1	1	0	1	3	0	1	10
	Wisconsin	4	4	3	7	5	12	11	29	19	18	18	130
	Wyoming	0	1	1	0	2	0	0	0	0	1	0	5
	<b>Total</b>	<b>2207</b>	<b>2025</b>	<b>1821</b>	<b>1668</b>	<b>1549</b>	<b>1745</b>	<b>1603</b>	<b>1435</b>	<b>1477</b>	<b>1023</b>	<b>1103</b>	<b>17656</b>
<i>S. sonnei</i>	Alabama	215	58	71	144	345	173	146	234	359	826	544	3115
	Alaska	7	1	3	4	1	2	0	11	3	0	3	35
	Arizona	126	203	168	140	308	216	104	271	435	322	400	2693
	Arkansas	63	25	59	152	0	72	32	24	63	69	364	923
	California	1568	1227	1700	1237	1779	1291	533	708	637	0	9	10689
	Colorado	99	95	151	144	129	243	88	184	155	92	96	1476
	Connecticut	43	48	53	38	87	50	42	29	30	25	12	457
	Delaware	37	6	12	11	443	151	5	6	7	8	8	694
	District of Columbia	0	0	0	0	0	0	1	1	4	7	0	13
	Florida	529	144	99	32	146	9	10	6	82	6	7	1070
	Georgia	205	31	123	407	835	571	387	395	1041	1418	949	6362
	Hawaii	24	11	16	20	29	9	12	10	11	5	10	157
	Idaho	5	6	16	6	10	20	4	9	9	1	6	92
	Illinois	1116	835	820	303	683	764	192	33	25	40	0	4811
	Indiana	29	104	141	52	23	27	37	35	24	34	92	598
	Iowa	40	53	336	279	54	53	56	45	58	63	138	1175
	Kansas	49	46	139	35	55	92	49	106	92	17	43	723
	Kentucky	42	149	119	334	77	58	61	275	175	368	156	1814
	Louisiana	273	130	194	233	519	373	259	81	214	237	120	2633
	Maine	0	0	8	0	1	4	4	7	0	0	4	28
	Maryland	38	36	91	66	891	417	68	43	53	52	90	1845
	Massachusetts	171	662	211	127	124	148	115	117	103	58	70	1906
	Michigan	5	445	575	185	125	169	153	99	92	39	347	2234
	Minnesota	290	204	887	455	181	73	34	69	231	216	532	3172
	Mississippi	5	11	6	28	26	16	13	35	58	791	126	1115
	Missouri	125	339	448	197	199	175	148	828	543	783	95	3880
	Montana	1	3	5	1	0	1	2	3	61	20	4	101
	Nebraska	18	51	106	0	0	0	10	27	60	11	6	289

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Nevada	10	0	51	32	36	33	17	29	62	34	121	425
	New Hampshire	20	10	5	3	8	8	4	5	4	2	0	69
	New Jersey	558	171	385	181	348	179	138	173	219	64	627	3043
	New Mexico	118	59	76	52	144	151	69	78	133	72	115	1067
	New York	689	219	735	359	415	551	505	352	241	177	808	5051
	North Carolina	154	67	246	151	494	306	121	67	33	43	149	1831
	North Dakota	2	1	51	13	4	1	0	2	200	23	47	344
	Ohio	137	135	308	1166	414	215	83	82	2	1	0	2543
	Oklahoma	208	163	39	69	366	613	371	551	89	131	250	2850
	Oregon	89	36	70	48	70	58	52	63	66	45	42	639
	Pennsylvania	223	157	416	204	327	825	66	99	41	159	218	2735
	Rhode Island	9	17	22	15	10	16	8	17	11	15	11	151
	South Carolina	94	62	90	115	74	285	279	60	41	140	378	1618
	South Dakota	14	2	4	237	41	9	9	84	265	66	23	754
	Tennessee	947	463	338	102	158	353	501	438	154	257	715	4426
	Texas	748	668	656	251	429	1358	1317	1740	972	1154	2816	12109
	Utah	14	42	42	29	20	42	35	23	54	29	28	358
	Vermont	5	2	0	2	0	1	3	9	1	2	6	31
	Virginia	56	45	326	351	564	234	73	64	67	119	246	2145
	Washington	93	46	316	151	159	128	74	64	47	88	44	1210
	West Virginia	8	5	16	8	7	3	7	0	1	62	16	133
	Wisconsin	67	73	52	20	43	70	136	113	134	314	377	1399
	Wyoming	1	0	2	4	0	5	0	5	9	14	5	45
	<b>Total</b>	<b>9387</b>	<b>7366</b>	<b>10803</b>	<b>8193</b>	<b>11201</b>	<b>10621</b>	<b>6433</b>	<b>7809</b>	<b>7471</b>	<b>8519</b>	<b>11273</b>	<b>99076</b>
Unknown	Alabama	0	0	0	0	0	0	0	0	18	2	1	21
	Arizona	0	0	0	10	4	1	0	1	2	0	1	19
	California	570	426	467	383	396	347	212	297	231	0	3	3332
	Colorado	0	0	7	69	21	14	3	50	24	6	6	200
	Connecticut	0	2	1	1	2	1	1	1	2	2	1	14
	District of Columbia	0	0	0	0	0	0	0	0	0	2	0	2
	Florida	0	0	0	1	0	0	0	0	1	0	0	2
	Georgia	3	0	12	1	1	4	3	1	1	119	76	221
	Idaho	0	0	0	1	1	0	0	0	0	0	1	3
	Illinois	0	3	3	1	1	1	1	222	289	642	951	2114
	Indiana	0	0	0	3	0	2	0	0	0	0	0	5
	Iowa	0	0	0	2	0	0	0	0	0	0	0	2
	Kentucky	0	0	0	0	0	0	0	0	0	1	0	1
	Louisiana	0	0	0	0	0	0	3	0	1	0	0	4
	Maine	0	0	2	2	0	0	0	0	4	9	8	25
	Maryland	0	0	1	1	0	2	6	2	4	13	5	34
	Massachusetts	0	0	0	4	4	1	0	0	0	2	1	12
	Michigan	0	1	0	2	1	0	0	0	0	0	3	7

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

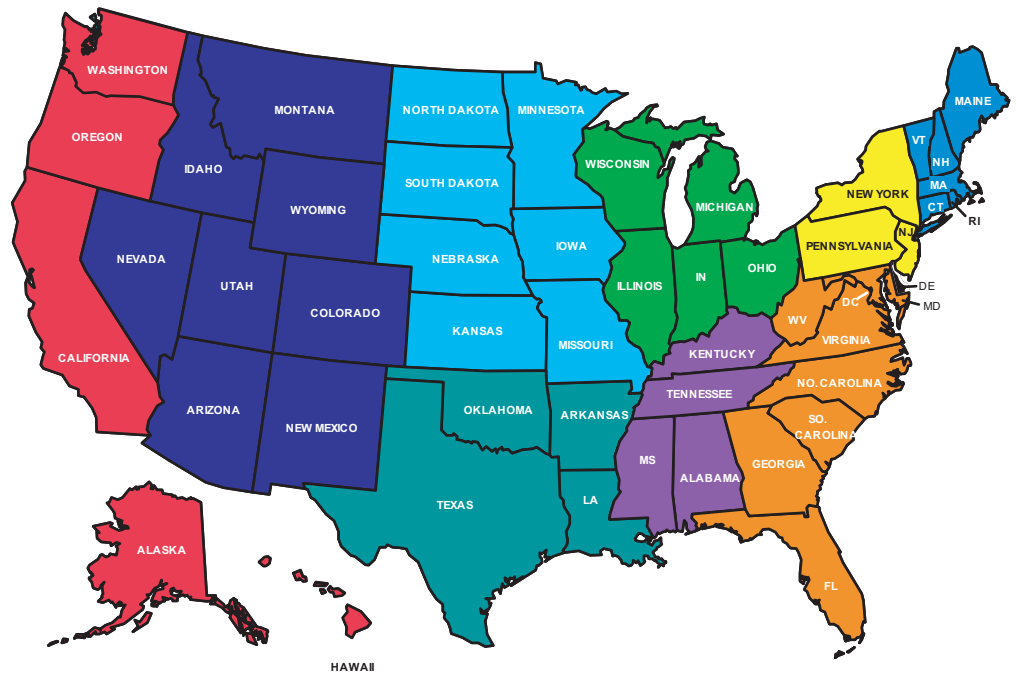
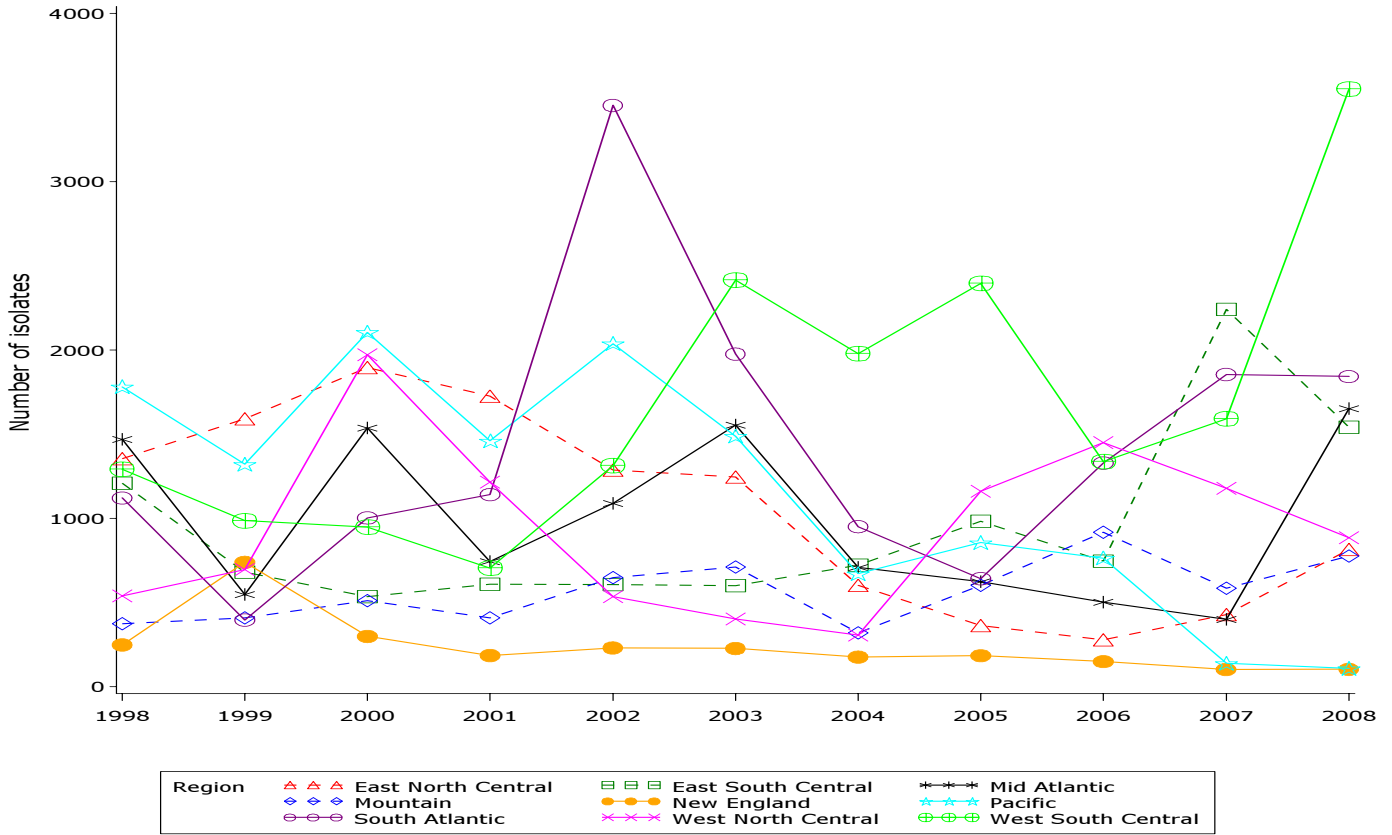
Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Minnesota	1	6	16	10	8	2	0	0	4	4	7	58
	Mississippi	0	0	0	0	0	0	0	0	0	1	0	1
	Missouri	0	0	0	0	3	0	0	0	0	0	4	7
	Nebraska	0	1	0	0	0	0	32	51	30	5	8	127
	Nevada	0	0	0	0	2	2	24	9	0	0	0	37
	New Hampshire	0	0	0	0	0	0	0	0	0	0	2	2
	New Jersey	2	2	1	1	0	0	1	0	0	1	5	13
	New Mexico	0	0	0	0	3	0	0	0	0	0	0	3
	New York	3	9	4	6	1	0	19	27	13	9	32	123
	North Carolina	0	0	0	0	0	0	0	0	0	0	4	4
	North Dakota	0	0	0	24	3	0	10	0	1	1	0	39
	Ohio	1	2	2	8	0	0	1	6	28	170	48	266
	Oklahoma	1	0	0	0	1	2	1	1	1	0	0	7
	Oregon	0	0	1	4	5	0	0	0	1	1	0	12
	Pennsylvania	0	2	4	0	0	0	1	0	0	0	0	7
	South Carolina	0	0	0	1	0	0	0	1	0	0	0	2
	Tennessee	0	2	31	11	14	84	67	29	49	7	9	303
	Texas	15	33	85	13	1696	2931	715	382	520	363	1072	7825
	Vermont	0	0	0	0	0	0	0	0	0	0	59	59
	Virginia	0	0	2	2	2	0	1	1	3	0	1	12
	Washington	0	0	0	2	2	0	0	0	1	0	0	5
	West Virginia	0	0	0	0	0	0	0	0	0	3	4	7
	Wisconsin	0	0	0	0	0	0	0	1	0	0	0	1
	Wyoming	0	0	0	1	0	0	0	0	0	7	3	11
	<b>Total</b>	<b>596</b>	<b>489</b>	<b>639</b>	<b>564</b>	<b>2171</b>	<b>3394</b>	<b>1101</b>	<b>1082</b>	<b>1228</b>	<b>1370</b>	<b>2315</b>	<b>14949</b>
All <i>Shigella</i>	Alabama	220	63	79	152	352	183	153	247	396	845	558	3248
	Alaska	7	5	3	7	1	6	1	15	7	3	3	58
	Arizona	348	412	350	302	439	364	247	387	598	481	578	4506
	Arkansas	67	27	63	154	0	79	61	35	75	79	373	1013
	California	3033	2358	2865	2149	2742	2253	1180	1408	1253	0	22	19263
	Colorado	164	164	221	254	209	327	151	339	249	142	148	2368
	Connecticut	66	70	70	60	107	71	68	50	59	40	17	678
	Delaware	38	11	23	16	446	158	11	10	11	11	12	747
	District of Columbia	0	0	0	0	0	0	4	5	7	24	0	40
	Florida	539	154	107	44	154	9	16	6	84	6	8	1127
	Georgia	252	83	194	465	895	636	477	473	1123	1638	1103	7339
	Hawaii	51	36	33	61	61	42	46	31	38	15	45	459
	Idaho	15	12	25	15	15	31	13	16	12	10	11	175
	Illinois	1308	1018	941	374	771	876	313	314	370	716	951	7952
	Indiana	43	118	157	66	38	43	50	46	41	42	99	743
	Iowa	46	62	350	291	67	57	68	58	68	73	151	1291
	Kansas	62	57	147	42	62	101	57	114	96	20	51	809

TABLE 10

Laboratory-confirmed *Shigella* isolates reported to CDC, by species, state, and year, 1998-2008

Species	State	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
	Kentucky	45	149	121	336	79	70	75	284	183	373	165	1880
	Louisiana	288	137	200	238	546	399	284	97	224	245	123	2781
	Maine	0	0	11	3	1	7	6	15	4	10	17	74
	Maryland	69	58	115	104	918	463	112	78	93	87	117	2214
	Massachusetts	260	731	262	190	184	221	171	173	161	109	114	2576
	Michigan	5	489	610	232	174	217	184	124	137	64	439	2675
	Minnesota	334	254	926	500	226	106	57	96	263	247	587	3596
	Mississippi	7	11	7	32	32	19	16	35	59	793	128	1139
	Missouri	136	353	466	215	226	186	158	851	554	792	107	4044
	Montana	3	3	6	1	1	2	4	4	64	22	6	116
	Nebraska	19	68	117	0	0	0	47	79	93	20	16	459
	Nevada	20	6	66	50	47	44	57	51	97	57	136	631
	New Hampshire	22	17	8	4	14	13	7	10	5	4	6	110
	New Jersey	652	236	440	227	364	208	199	195	274	89	696	3580
	New Mexico	177	109	119	87	185	209	109	123	163	96	140	1517
	New York	828	330	840	511	487	616	588	430	349	281	948	6208
	North Carolina	183	93	271	186	527	334	133	90	57	59	180	2113
	North Dakota	3	2	52	41	7	6	10	2	203	30	53	409
	Ohio	153	150	332	1197	429	241	117	111	30	171	48	2979
	Oklahoma	213	171	45	75	376	626	379	559	93	146	286	2969
	Oregon	156	91	113	113	102	104	78	85	94	77	81	1094
	Pennsylvania	259	183	446	229	363	854	109	139	78	168	248	3076
	Rhode Island	13	29	34	25	18	22	16	21	21	23	17	239
	South Carolina	99	64	94	124	81	290	286	75	48	144	387	1692
	South Dakota	23	10	6	243	45	11	13	90	266	68	29	804
	Tennessee	958	476	380	127	189	448	590	483	225	279	741	4896
	Texas	901	877	861	328	2170	4399	2161	2228	1591	1640	3990	21146
	Utah	36	68	84	62	37	60	54	44	73	42	48	608
	Vermont	5	4	0	6	1	4	5	11	4	2	65	107
	Virginia	87	66	350	382	594	251	113	102	109	150	257	2461
	Washington	192	116	414	236	226	191	132	110	66	141	74	1898
	West Virginia	8	5	17	10	9	4	8	1	4	65	21	152
	Wisconsin	71	78	56	28	49	85	149	148	155	335	397	1551
	Wyoming	1	1	3	5	2	5	0	5	9	22	8	61
	<b>Total</b>	<b>12485</b>	<b>10085</b>	<b>13500</b>	<b>10599</b>	<b>15068</b>	<b>15951</b>	<b>9343</b>	<b>10503</b>	<b>10336</b>	<b>10996</b>	<b>14805</b>	<b>133671</b>

FIGURE 1  
Laboratory-confirmed *S. sonnei* isolates reported to CDC,  
by geographic region and year, 1998-2008



Based on Census Regions and Divisions of the United States