

TABLE 10

Laboratory confirmed *Shigella* isolates reported to the CDC by Species, State and Year for 1990-2004

Species	State	Year															Total
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
All <i>Shigella</i>	Alabama	514	450	160	341	479	383	110	193	220	63	79	152	352	183	153	3832
	Alaska	7	30	19	21	14	10	59	3	7	5	3	7	1	6	1	193
	Arizona	498	577	399	369	401	815	695	694	348	413	350	302	439	364	247	6911
	Arkansas	20	91	18	100	61	96	100	60	67	27	63	154		79	61	997
	California	5703	4473	5217	5175	3757	5347	3879	3222	3033	2358	2865	2149	2742	2253	1180	53353
	Colorado	385	216	364	614	529	485	484	199	164	164	221	254	209	327	151	4766
	Connecticut	192	108	131	212	146	148	121	81	66	70	70	60	107	71	68	1651
	Delaware	109	4	7	60	11	125	66	21	38	11	23	16	446	158	11	1106
	District of Columbia	59	45	63	26	19	199	200	8							4	623
	Florida	199	378	263	248	721	319	275	245	539	154	107	44	154	9	16	3671
	Georgia	620	532	560	494	2062	176	173	244	252	83	194	465	895	636	477	7863
	Hawaii	60	80	119	89	193	102	86	55	51	36	33	61	61	42	46	1114
	Idaho	2		13	16	30	74	54	39	15	12	25	15	15	31	13	354
	Illinois	932	759	910	1142	1030	1215	525	842	1308	1018	941	374	771	876	313	12956
	Indiana	350	334	209	173	181	103	71	30	43	118	157	66	38	43	50	1966
	Iowa	47	30	42	45	323	240	115	72	46	62	350	291	67	57	68	1855
	Kansas	62	56	83	110	57	106	32	80	62	57	147	42	62	101	57	1114
	Kentucky	11	204	28	45	83	86	45	40	45	149	121	336	79	70	75	1417
	Louisiana	214	120	87	303	314	378	344	114	288	137	200	238	546	399	284	3966
	Maine	5	4	9	2	4		6				11	3	1	7	6	58
	Maryland	147	50	276	262	201	226	447	176	69	58	115	104	918	463	112	3624
	Massachusetts	341	1387	240	256	209	288	169	299	260	731	262	190	184	221	171	5208
	Michigan	342	193	494	645	329	454	341	249	5	489	610	232	174	217	184	4958
	Minnesota	122	80	90	236	467	166	164	141	334	254	926	500	226	106	57	3869
	Mississippi	274	261	117	382	461	333	179		7	11	7	32	32	19	16	2131
	Missouri	170	139	273	336	292	609	272	161	136	353	466	215	226	186	158	3992
	Montana	46	136	120	12	2	203	28	5	3	3	6	1	1	2	4	572
	Nebraska	5	1	6	1	2	4	4	17	19	68	117				47	291
	Nevada	8	2	6	3	2	19	13	13	20	6	66	50	47	44	57	356
	New Hampshire	63	40	6	10	10	79	26	21	22	17	8	4	14	13	7	340
	New Jersey	202	226	220	274	388	675	342	480	652	236	440	227	364	208	199	5133
	New Mexico	462	303	164	272	235	408	177	192	177	109	119	87	185	209	109	3208
	New York	770	361	451	453	697	548	305	790	828	331	840	511	487	616	588	8576
	North Carolina	555	228	307	1089	1130	593	186	173	183	93	271	186	527	334	133	5988
	North Dakota	143	25	13	13	59	126	58	3	3	2	52	41	7	6	10	561
	Ohio	212	97	77	585	276	260	221	307	153	150	332	1197	429	241	117	4654
	Oklahoma	187	130	97	214	85	132	157	134	213	171	45	75	376	626	379	3021
	Oregon	101	350	144	108	87	113	125	173	156	91	113	113	102	104	78	1958
	Pennsylvania	623	676	400	488	477	535	1593	604	259	183	446	229	363	854	109	7839
	Rhode Island	30	214	163	32	43	65	43	83	13	29	34	25	18	22	16	830
	South Carolina	110	38	68	113	180	115	78	30	99	64	94	124	81	290	286	1770
	South Dakota	81	72	82	87	168	140	54	20	23	10	6	243	45	11	13	1055
	Tennessee	257	193	561	1049	709	440	242	343	958	476	380	127	189	448	590	6962
	Texas	1154	875	690	1277	602	898	382	1080	901	877	861	328	2170	4399	2161	18655
	Utah	254	1014	108	54	235	705	212	95	36	68	84	62	37	60	54	3078
	Vermont	15	4	6	8	2	6	8	2	5	4		6	1	4	5	76
	Virginia	74	257	165	530	466	401	456	226	87	66	350	382	594	251	113	4418

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Species	State	Year															Total
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	Washington	288	369	396	820	398	278	284	212	192	116	414	236	226	191	132	4552
	West Virginia	21	33	18	38		27	31	13	8	5	17	10	9	4	8	242
	Wisconsin	260	260	464	271	154	73	32	29	71	78	56	28	49	85	149	2059
	Wyoming				8	2	4	2	1	1	1	3	5	2	5		34
	Total	17306	16505	14923	19511	18783	19330	14071	12314	12485	10087	13500	10599	15068	15951	9343	219776
<i>S. boydii</i>	Alaska	2			1												3
	Arizona	35	17	6	5	5	22	73	26	9	13	20	11	14	10	6	272
	Arkansas															1	1
	California	232	171	151	105	81	91	102	105	103	54	65	31	38	55	61	1445
	Colorado	5	4	3	3	3	5	6	10	5	3	8	1	1	3	8	68
	Connecticut	1	2	2		3	3	1	1	3		1				1	18
	Delaware				1	1							1				3
	District of Columbia		1				2										3
	Florida	1	2					1	1	1							6
	Georgia	2	2	1	2	19		1	1		4	6	3	2		12	55
	Hawaii			1			1	1		2			2				7
	Idaho									1		1	4	1	3	2	12
	Illinois	15	9	9	26	10	18	15	16	22	16	7	5	3	6	7	184
	Indiana	2	3			2	1			1	1	1		1	1	1	14
	Iowa	1		1		1		1				4	4	2		3	17
	Kansas	2	2			1	1		1	1		1		2			11
	Kentucky			1				2							1	1	5
	Louisiana		1		2		1	1	1		2		2				10
	Maine	1											1				2
	Maryland	1	2	2	4	3		2	2	2	1	2	2	1		5	29
	Massachusetts	14	10	2			6	4	10	3	7	6	4	4	9	7	86
	Michigan	5	3	2	3	2	7	1	4		3	3	3	5	4	4	49
	Minnesota	2	1	1		3	4	2	3	3	5	1	2	2	2	3	34
	Mississippi	1															1
	Missouri		3	1		2	1						1				8
	Montana	1							1					1			3
	Nebraska										1	1				1	3
	Nevada	1	1				1	4	1	2		1	1				12
	New Hampshire													1		1	2
	New Jersey	3	1		3	5	3	3	4	2	3	7	4		5	3	46
	New Mexico	4	7	4	6	6	3	3	1	4	2	5	6	1	6	1	59
	New York	6	4	6	6	7	7	2	8	8	9	8	7	10	4	5	97
	North Carolina		1			2	1	1	1	5	1	3		1	3		19
	Ohio	3	3		1	4	4	1		2	2		3	1	1		25
	Oklahoma	1			1	3	1			1	2	2		1	1		13
	Oregon	2	1	6	7	3	2	3	4	5	3	3	4	2	4	1	50
	Pennsylvania	1	5		2	3	2		1			1	4	1	2	1	23
	Rhode Island	1				2	1	1	3		1			1	1		11
	South Carolina			1	1						1	1	1			1	6
	South Dakota		1													4	5
	Tennessee	1			4	1			1	2		1	2				12
	Texas	33	43	11	26	20	25	18	25	14	14	10	3	4	23	22	291

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		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
	Utah	1	1	1		3	1	5	2	1	5	3	5				28	
	Vermont						1									1	2	
	Virginia	3		1	2	2	4	5	2	1	2	2	5	2	1	2	34	
	Washington	10	9	6	10	8	9	14	15	5	2	5	3			3	99	
	West Virginia	1												1		1	3	
	Wisconsin	4	2	5		1	1	2	3		1	1	1	1	3		25	
	Wyoming					1											1	
	Total	398	312	224	221	207	229	275	253	208	158	180	126	104	148	169	3212	
<i>S. dysenteriae</i>	Alabama	2		1	1				2								6	
	Alaska				1												1	
	Arizona	4	6	2	3	3	4	16	8	11	5	4	1	1	3	1	72	
	Arkansas					1		1									2	
	California	110	86	69	65	51	50	40	27	25	20	23	21	18	12	9	626	
	Colorado	1	3	2	7	2	2	1	2	3	2			1	2	2	30	
	Connecticut	2		2				1		5				1	2		13	
	District of Columbia	1						2									3	
	Florida	1	1	2	1			3		1		1	2				12	
	Georgia		1		2	3		1	1	1	1		3				13	
	Hawaii	2						1	1								4	
	Idaho												1				1	
	Illinois	8	4	18	2	3	10	4		7	5	1		3	2	2	69	
	Indiana	1	2	2	1	1				2				3	1		13	
	Kansas			3				1									4	
	Kentucky					1				1						2	4	
	Louisiana											1				1	2	
	Maine	1															1	
	Maryland		2	2					1			2	1		1		9	
	Massachusetts	5	6	2			2	5	3	5	2	2	2	3	2	2	41	
	Michigan	3	3		1	1	1	1	2		3	2			3		20	
	Minnesota	2			1	2	1	1	2	1	2		3	1	1	1	18	
	Missouri		1											1			2	
	Montana			1													1	
	Nebraska			1													1	
	Nevada				1												1	
	New Hampshire								1								1	
	New Jersey		2	1	2	1		5	2	5	1	3	3		2	1	28	
	New Mexico	1	2		1	2		1	2	2				2			13	
	New York	6	4	5		4	4	1	3	2	1	7		3	4		44	
	North Carolina	2	1					1	2	1	1					1	9	
	North Dakota			2													2	
	Ohio					1		1			1	1		1	1		6	
	Oklahoma		2	1				1	1								5	
	Oregon	1		1	1	2	1	2	4	2	1	1	1			1	18	
	Pennsylvania	3		2		1	2		3			1	4	3	2	2	23	
	Rhode Island			2					2		1		1				6	
	South Dakota	1															1	
	Tennessee				3	2			1						1	2	9	

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		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	Texas	14	8	1	6	7	5	5	4	9	1	2	1		2	6	71
	Utah	1	1			1						1	1	1			6
	Vermont						1										1
	Virginia	1	1		1	2	2	1	1	3		1	2				15
	Washington	5	7	3	5	2	5	5	4	1	2	4	1	1	2	2	49
	Wisconsin	3	2	1				2								2	10
	Wyoming					1											1
	Total	181	145	126	105	94	90	103	79	87	49	57	48	43	43	37	1287
<i>S. flexneri</i>	Alabama	6	3		2	11	5	7	7	5	5	8	8	7	10	7	91
	Alaska	2	4	2	6	4		6	1		4		3		4	1	37
	Arizona	150	259	225	212	197	263	279	287	202	192	158	140	112	134	136	2946
	Arkansas	1	1	2	1	2		2		4	2	4	2		7	28	56
	California	1957	1831	1689	1478	1323	1269	1130	1000	767	631	610	477	511	548	365	15586
	Colorado	65	71	52	44	61	87	83	58	57	64	55	40	57	65	50	909
	Connecticut	17	13	26	13	25	18	15	23	15	20	15	21	17	18	24	280
	Delaware	1	1	1	1	2	3		5	1	5	11	4	3	7	6	51
	District of Columbia	19	24	18	13	15	28	10	4							3	134
	Florida	9	4	8	9	5	12	10	11	8	10	7	9	8		6	116
	Georgia	31	27	32	44	198	41	30	26	43	47	53	51	57	61	75	816
	Hawaii	36	57	72	63	68	57	67	31	25	25	17	39	32	33	34	656
	Idaho	1		3	7	13	2	4	9	9	6	8	3	3	8	7	83
	Illinois	340	222	208	204	157	192	167	124	163	159	110	65	81	103	111	2406
	Indiana	21	24	8	12	17	17	14	8	11	13	15	11	11	12	12	206
	Iowa	8	8	7	5	11	9	13	15	6	9	10	6	11	4	9	131
	Kansas	12	13	7	6	9	5	9	4	12	11	7	7	5	9	8	124
	Kentucky	2	4		2	6	2		13	2		2	2	2	11	11	59
	Louisiana	19	16	8	13	10	12	14	11	15	5	5	3	27	26	21	205
	Maine		1	4		1		6				1			3	2	18
	Maryland	31	11	31	45	61	32	32	18	29	21	19	34	26	43	33	466
	Massachusetts	95	71	60	69	66	73	50	90	81	60	43	53	49	61	47	968
	Michigan	50	45	82	51	39	59	54	34		37	30	42	43	41	27	634
	Minnesota	26	20	20	16	75	28	53	40	39	37	22	30	34	28	19	487
	Mississippi	2	1	2		1				2		1	4	6	3	3	25
	Missouri	26	18	8	7	10	8	11	11	11	14	18	17	23	11	10	203
	Montana	7	9	1	1	1	6	1		2		1			1	2	32
	Nebraska	5						1		1	15	10				4	36
	Nevada	4	1	2			5		6	8	6	14	17	9	9	16	97
	New Hampshire	2	2	3	3	2	3	3	2	2	7	3	1	5	5	2	45
	New Jersey	44	43	42	42	49	69	49	46	85	59	44	38	16	22	56	704
	New Mexico	124	110	75	89	52	78	65	74	53	48	38	29	35	52	39	961
	New York	155	122	93	125	128	107	81	101	126	93	86	139	58	57	59	1530
	North Carolina	39	26	23	30	22	32	20	34	23	24	22	35	32	25	11	398
	North Dakota	5	1	3	5			1	1	1	1	1	4		5		28
	Ohio	21	10	9	6	5	9	16	7	13	10	21	20	13	24	33	217
	Oklahoma	10	11	9	4	5	14	8	4	3	6	4	6	8	10	7	109
	Oregon	39	31	19	47	32	37	61	54	60	51	38	56	25	42	24	616
	Pennsylvania	55	62	42	44	36	30	49	41	36	24	24	17	32	25	39	556

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		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	Rhode Island	3	7	13	5	12	19	18	8	4	10	12	9	7	5	8	140
	South Carolina	10	7	9	1	7	5	3	7	5	1	3	7	7	5	6	83
	South Dakota	43	55	32	28	16	21	17	11	9	8	2	6	4	2		254
	Tennessee	8	12	14	14	13	21	14	20	9	11	10	12	17	10	20	205
	Texas	329	240	137	104	111	141	75	149	115	161	108	60	41	85	101	1957
	Utah	30	41	13	24	29	23	8	50	21	21	38	27	16	18	19	378
	Vermont	5		1	2		2	2			2		4	1	3	1	23
	Virginia	15	24	15	28	33	43	15	15	27	19	19	22	26	16	37	354
	Washington	117	111	97	115	141	120	112	101	93	66	89	79	64	61	53	1419
	West Virginia	1			2			2				1	2	1	1		10
	Wisconsin	33	38	23	14	20	12	16	12	4	4	3	7	5	12	11	214
	Wyoming				5			1			1	1		2			10
	Total	4031	3712	3250	3061	3101	3019	2704	2573	2207	2025	1821	1668	1549	1745	1603	38069
<i>S. sonnei</i>	Alabama	365	361	111	200	356	281	103	184	215	58	71	144	345	173	146	3113
	Alaska	2	26	17	13	10	10	53	2	7	1	3	4	1	2		151
	Arizona	309	294	166	149	196	523	327	373	126	203	168	140	308	216	104	3602
	Arkansas	19	89	16	99	58	96	97	60	63	25	59	152		72	32	937
	California	2632	1632	2580	2806	1657	3126	1993	1508	1568	1227	1700	1237	1779	1291	533	27269
	Colorado	255	112	245	444	329	365	394	129	99	95	151	144	129	243	88	3222
	Connecticut	172	93	101	199	117	127	104	57	43	48	53	38	87	50	42	1331
	Delaware	108	3	6	58	8	122	66	16	37	6	12	11	443	151	5	1052
	District of Columbia	39	20	45	12	4	166	188	4							1	479
	Florida	188	371	252	237	694	305	261	233	529	144	99	32	146	9	10	3510
	Georgia	399	293	404	68	149	131	141	213	205	31	123	407	835	571	387	4357
	Hawaii	22	23	46	26	125	44	17	23	24	11	16	20	29	9	12	447
	Idaho	1		10	9	17	72	50	30	5	6	16	6	10	20	4	256
	Illinois	567	524	674	910	860	995	339	702	1116	835	820	303	683	764	192	10284
	Indiana	224	238	168	160	161	85	57	22	29	104	141	52	23	27	37	1528
	Iowa	29	18	27	34	263	231	101	57	40	53	336	279	54	53	56	1631
	Kansas	48	41	73	104	47	100	22	75	49	46	139	35	55	92	49	975
	Kentucky	9	200	27	43	76	84	43	27	42	149	119	334	77	58	61	1349
	Louisiana	195	103	78	288	304	365	329	102	273	130	194	233	519	373	259	3745
	Maine	3	3	5	2	3						8		1	4	4	33
	Maryland	115	35	239	213	134	194	413	154	38	36	91	66	891	417	68	3104
	Massachusetts	227	1300	176	187	143	206	109	194	171	662	211	127	124	148	115	4100
	Michigan	284	142	408	590	287	387	285	209	5	445	575	185	125	169	153	4249
	Minnesota	56	42	54	166	385	133	105	95	290	204	887	455	181	73	34	3160
	Mississippi	139	26	14	98	217	146	86		5	11	6	28	26	16	13	831
	Missouri	144	117	264	329	280	599	260	150	125	339	448	197	199	175	148	3774
	Montana	14	122	118	11	1	196	27	4	1	3	5	1		1	2	506
	Nebraska		1	5	1	2	4	3	17	18	51	106				10	218
	Nevada	3		4	2	2	13	9	4	10		51	32	36	33	17	216
	New Hampshire	29	29	3	7	8	76	21	18	20	10	5	3	8	8	4	249
	New Jersey	155	180	177	222	331	599	285	428	558	171	385	181	348	179	138	4337
	New Mexico	333	184	85	176	175	327	108	111	118	59	76	52	144	151	69	2168
	New York	602	231	347	321	557	427	219	677	689	219	735	359	415	551	505	6854
	North Carolina	514	200	284	1059	1105	560	164	136	154	67	246	151	494	306	121	5561

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Species	State	Year															Total
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	North Dakota	135	20	5	5	37	95	47	2	2	1	51	13	4	1		418
	Ohio	187	84	68	575	266	246	203	295	137	135	308	1166	414	215	83	4382
	Oklahoma	176	116	87	209	77	116	147	129	208	163	39	69	366	613	371	2886
	Oregon	59	317	116	53	50	73	59	111	89	36	70	48	70	58	52	1261
	Pennsylvania	564	609	356	442	437	501	1544	559	223	157	416	204	327	825	66	7230
	Rhode Island	14	144	147	27	29	45	24	70	9	17	22	15	10	16	8	597
	South Carolina	100	31	58	111	172	110	75	23	94	62	90	115	74	285	279	1679
	South Dakota	34	16	50	59	152	119	37	9	14	2	4	237	41	9	9	792
	Tennessee	248	181	547	1028	692	418	228	321	947	463	338	102	158	353	501	6525
	Texas	777	583	540	1141	464	726	284	902	748	668	656	251	429	1358	1317	10844
	Utah	209	889	94	30	200	680	199	43	14	42	42	29	20	42	35	2568
	Vermont	3	4	3	6	2	2	6	2	5	2		2		1	3	41
	Virginia	55	232	148	498	429	351	435	207	56	45	326	351	564	234	73	4004
	Washington	156	242	290	680	245	143	153	92	93	46	316	151	159	128	74	2968
	West Virginia	17	25	15	24		27	29	13	8	5	16	8	7	3	7	204
	Wisconsin	181	188	353	205	133	60	12	14	67	73	52	20	43	70	136	1607
	Wyoming				3		4	1	1	1		2	4		5		21
	Total	11116	10734	10106	14339	12446	14811	10262	8807	9387	7366	10803	8193	11201	10621	6433	156625
Unknown	Alabama	141	86	48	138	112	97										622
	Alaska	1															1
	Arizona		1				3						10	4	1		19
	Arkansas		1														1
	California	772	753	728	721	645	811	614	582	570	426	467	383	396	347	212	8427
	Colorado	59	26	62	116	134	26					7	69	21	14	3	537
	Connecticut					1					2	1	1	2	1	1	9
	District of Columbia				1		3										4
	Florida			1	1	22	2						1				27
	Georgia	188	209	123	378	1693	4		3	3		12	1	1	4	3	2622
	Idaho												1	1			2
	Illinois	2		1							3	3	1	1	1	1	13
	Indiana	102	67	31									3		2		205
	Iowa	9	4	7	6	48							2				76
	Louisiana			1												3	4
	Maine											2	2				4
	Maryland			2		3			1			1	1		2	6	16
	Massachusetts						1	1	2				4	4	1		13
	Michigan			2								1	2	1			6
	Minnesota	36	17	15	53	2		3	1	1	6	16	10	8	2		170
	Mississippi	132	234	101	284	243	187	93									1274
	Missouri						1	1						3			5
	Montana	24	5				1										30
	Nebraska										1					32	33
	Nevada								2					2	2	24	30
	New Hampshire	32	9					2									43
	New Jersey				5	2	4			2	2	1	1			1	18
	New Mexico								4					3			7
	New York	1			1	1	3	2	1	3	9	4	6	1		19	51

TABLE 10

Laboratory confirmed *Shigella* isolates reported to the CDC by Species, State and Year for 1990-2004

Species	State	Year															Total
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	North Carolina					1											1
	North Dakota	3	4	3	3	22	31	10					24	3		10	113
	Ohio	1			3		1		5	1	2	2	8			1	24
	Oklahoma		1				1	1		1				1	2	1	8
	Oregon		1	2								1	4	5			13
	Pennsylvania										2	4				1	7
	Rhode Island	12	63	1													76
	South Carolina					1							1				2
	South Dakota	3															3
	Tennessee					1	1				2	31	11	14	84	67	211
	Texas	1	1	1			1			15	33	85	13	1696	2931	715	5492
	Utah	13	82			2	1										98
	Vermont	7		2													9
	Virginia			1	1		1		1			2	2	2		1	11
	Washington				10	2	1						2	2			17
	West Virginia	2	8	3	12												25
	Wisconsin	39	30	82	52												203
	Wyoming												1				1
	Total	1580	1602	1217	1785	2935	1181	727	602	596	489	639	564	2171	3394	1101	20583