

TABLE 10

Laboratory confirmed *Shigella* isolates reported to the CDC by Species, State and Year for 1989-2003

Species	State	Year															Total
		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
All <i>Shigella</i>	Alabama	332	514	450	160	341	479	383	110	193	220	63	79	152	352	183	4011
	Alaska	14	7	30	19	21	14	10	59	3	7	5	3	7	1	6	206
	Arizona	291	498	577	399	369	401	815	695	694	348	413	350	302	439	364	6955
	Arkansas	43	20	91	18	100	61	96	100	60	67	27	63	154		79	979
	California	4132	5703	4473	5217	5175	3757	5347	3879	3222	3033	2358	2865	2149	2742	2253	56305
	Colorado	411	385	216	364	614	529	485	484	199	164	164	221	254	209	327	5026
	Connecticut	233	192	108	131	212	146	148	121	81	66	70	70	60	107	71	1816
	Delaware	60	109	4	7	60	11	125	66	21	38	11	23	16	446	158	1155
	District of Columbia	12	59	45	63	26	19	199	200	8							631
	Florida	500	199	378	263	248	721	319	275	245	539	154	107	44	154	9	4155
	Georgia	518	620	532	560	494	2062	176	173	244	252	83	194	465	895	636	7904
	Hawaii	69	60	80	119	89	193	102	86	55	51	36	33	61	61	42	1137
	Idaho	1	2		13	16	30	74	54	39	15	12	25	15	15	31	342
	Illinois	883	932	759	910	1142	1030	1215	525	842	1308	1018	941	374	771	876	13526
	Indiana	306	350	334	209	173	181	103	71	30	43	118	157	66	38	43	2222
	Iowa	82	47	30	42	45	323	240	115	72	46	62	350	291	67	57	1869
	Kansas	82	62	56	83	110	57	106	32	80	62	57	147	42	62	101	1139
	Kentucky	16	11	204	28	45	83	86	45	40	45	149	121	336	79	70	1358
	Louisiana	325	214	120	87	303	314	378	344	114	288	137	200	238	546	399	4007
	Maine	9	5	4	9	2	4		6				11	3	1	7	61
	Maryland	151	147	50	276	262	201	226	447	176	69	58	115	104	918	463	3663
	Massachusetts	244	341	1387	240	256	209	288	169	299	260	731	262	190	184	221	5281
	Michigan	772	342	193	494	645	329	454	341	249	5	489	610	232	174	217	5546
	Minnesota	426	122	80	90	236	467	166	164	141	334	254	926	500	226	106	4238
	Mississippi	134	274	261	117	382	461	333	179		7	11	7	32	32	19	2249
	Missouri	213	170	139	273	336	292	609	272	161	136	353	466	215	226	186	4047
	Montana	97	46	136	120	12	2	203	28	5	3	3	6	1	1	2	665
	Nebraska	1	5	1	6	1	2	4	4	17	19	68	117				245
	Nevada	27	8	2	6	3	2	19	13	13	20	6	66	50	47	44	326
	New Hampshire	27	63	40	6	10	10	79	26	21	22	17	8	4	14	13	360
	New Jersey	216	202	226	220	274	388	675	342	480	652	236	440	227	364	208	5150
	New Mexico	254	462	303	164	272	235	408	177	192	177	109	119	87	185	209	3353
	New York	423	770	361	451	453	697	548	305	790	828	331	840	511	487	616	8411
	North Carolina	932	555	228	307	1089	1130	593	186	173	183	93	271	186	527	334	6787
	North Dakota	193	143	25	13	13	59	126	58	3	3	2	52	41	7	6	744
	Ohio	403	212	97	77	585	276	260	221	307	153	150	332	1197	429	241	4940
	Oklahoma	93	187	130	97	214	85	132	157	134	213	171	45	75	376	626	2735
	Oregon	51	101	350	144	108	87	113	125	173	156	91	113	113	102	104	1931
	Pennsylvania	671	623	676	400	488	477	535	1593	604	259	183	446	229	363	854	8401
	Rhode Island	28	30	214	163	32	43	65	43	83	13	29	34	25	18	22	842
	South Carolina	112	110	38	68	113	180	115	78	30	99	64	94	124	81	290	1596
	South Dakota	362	81	72	82	87	168	140	54	20	23	10	6	243	45	11	1404
	Tennessee	256	257	193	561	1049	709	440	242	343	958	476	380	127	189	448	6628
	Texas	691	1154	875	690	1277	602	898	382	1080	901	877	861	328	95		10711
	Utah	80	254	1014	108	54	235	705	212	95	36	68	84	62	37	60	3104
	Vermont	5	15	4	6	8	2	6	8	2	5	4		6	1	4	76
	Virginia	260	74	257	165	530	466	401	456	226	87	66	350	382	594	251	4565

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Species	State	Year															Total
		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	Washington	199	288	369	396	820	398	278	284	212	192	116	414	236	226	191	4619
	West Virginia	23	21	33	18	38		27	31	13	8	5	17	10	9	4	257
	Wisconsin	309	260	260	464	271	154	73	32	29	71	78	56	28	49	85	2219
	Wyoming					8	2	4	2	1	1	1	3	5	2	5	34
	Total	15972	17306	16505	14923	19511	18783	19330	14071	12314	12485	10087	13500	10599	12993	11552	219931
<i>S. boydii</i>	Alabama	1															1
	Alaska		2			1											3
	Arizona	30	35	17	6	5	5	22	73	26	9	13	20	11	14	10	296
	California	274	232	171	151	105	81	91	102	105	103	54	65	31	38	55	1658
	Colorado	11	5	4	3	3	3	5	6	10	5	3	8	1	1	3	71
	Connecticut	1	1	2	2		3	3	1	1	3		1				18
	Delaware					1	1							1			3
	District of Columbia	1		1				2									4
	Florida	1	1	2					1	1	1						7
	Georgia	1	2	2	1	2	19		1	1		4	6	3	2		44
	Hawaii	1			1			1	1		2			2			8
	Idaho										1		1	4	1	3	10
	Illinois	27	15	9	9	26	10	18	15	16	22	16	7	5	3	6	204
	Indiana	2	2	3			2	1			1	1	1		1	1	15
	Iowa	1	1		1		1		1				4	4	2		15
	Kansas		2	2			1	1		1	1		1		2		11
	Kentucky				1				2							1	4
	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		24
	Massachusetts	11	14	10	2			6	4	10	3	7	6	4	4	9	90
	Michigan	5	5	3	2	3	2	7	1	4		3	3	3	5	4	50
	Minnesota	1	2	1	1		3	4	2	3	3	5	1	2	2	2	32
	Mississippi		1														1
	Missouri	2		3	1		2	1						1			10
	Montana		1							1					1		3
	Nebraska											1	1				2
	Nevada		1	1				1	4	1	2		1	1			12
	New Hampshire	1													1		2
	New Jersey	3	3	1		3	5	3	3	4	2	3	7	4		5	46
	New Mexico	5	4	7	4	6	6	3	3	1	4	2	5	6	1	6	63
	New York	11	6	4	6	6	7	7	2	8	8	9	8	7	10	4	103
	North Carolina			1			2	1	1	1	5	1	3		1	3	19
	Ohio	1	3	3		1	4	4	1		2	2		3	1	1	26
	Oklahoma	1	1			1	3	1			1	2	2		1	1	14
	Oregon	6	2	1	6	7	3	2	3	4	5	3	3	4	2	4	55
	Pennsylvania	3	1	5		2	3	2		1			1	4	1	2	25
	Rhode Island	2	1				2	1	1	3		1			1	1	13
	South Carolina				1	1						1	1	1			5
	South Dakota	1		1													2
	Tennessee	1	1			4	1			1	2		1	2			13
	Texas	35	33	43	11	26	20	25	18	25	14	14	10	3	1		278

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		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	Utah	2	1	1	1		3	1	5	2	1	5	3	5			30
	Vermont	1						1									2
	Virginia	7	3		1	2	2	4	5	2	1	2	2	5	2	1	39
	Washington	9	10	9	6	10	8	9	14	15	5	2	5	3			105
	West Virginia		1												1		2
	Wisconsin	7	4	2	5		1	1	2	3		1	1	1	1	3	32
	Wyoming						1										1
	Total	466	398	312	224	221	207	229	275	253	208	158	180	126	101	125	3483
<i>S. dysenteriae</i>	Alabama		2		1	1				2							6
	Alaska	1				1											2
	Arizona	7	4	6	2	3	3	4	16	8	11	5	4	1	1	3	78
	Arkansas	1					1		1								3
	California	120	110	86	69	65	51	50	40	27	25	20	23	21	18	12	737
	Colorado	10	1	3	2	7	2	2	1	2	3	2			1	2	38
	Connecticut	4	2		2				1		5				1	2	17
	District of Columbia		1						2								3
	Florida		1	1	2	1			3		1		1	2			12
	Georgia	1		1		2	3		1	1	1	1		3			14
	Hawaii	1	2						1	1							5
	Idaho													1			1
	Illinois	14	8	4	18	2	3	10	4		7	5	1		3	2	81
	Indiana	2	1	2	2	1	1				2				3	1	15
	Kansas				3				1								4
	Kentucky						1				1						2
	Louisiana												1				1
	Maine		1														1
	Maryland	1		2	2					1			2	1		1	10
	Massachusetts	5	5	6	2			2	5	3	5	2	2	2	3	2	44
	Michigan	5	3	3		1	1	1	1	2		3	2			3	25
	Minnesota	3	2			1	2	1	1	2	1	2		3	1	1	20
	Missouri	3		1											1		5
	Montana	1			1												2
	Nebraska				1												1
	Nevada					1											1
	New Hampshire									1							1
	New Jersey	2		2	1	2	1		5	2	5	1	3	3		2	29
	New Mexico	4	1	2		1	2		1	2	2				2		17
	New York	3	6	4	5		4	4	1	3	2	1	7		3	4	47
	North Carolina		2	1					1	2	1	1					8
	North Dakota	1			2												3
	Ohio	1					1		1			1	1		1	1	7
	Oklahoma	2		2	1				1	1							7
	Oregon	2	1		1	1	2	1	2	4	2	1	1	1			19
	Pennsylvania	4	3		2		1	2		3			1	4	3	2	25
	Rhode Island				2					2		1		1			6
	South Dakota		1														1
	Tennessee	1				3	2			1						1	8

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		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	Texas	11	14	8	1	6	7	5	5	4	9	1	2	1			74
	Utah	3	1	1			1						1	1	1		9
	Vermont							1									1
	Virginia		1	1		1	2	2	1	1	3		1	2			15
	Washington	2	5	7	3	5	2	5	5	4	1	2	4	1	1	2	49
	Wisconsin	1	3	2	1				2								9
	Wyoming						1										1
	Total	216	181	145	126	105	94	90	103	79	87	49	57	48	43	41	1464
<i>S. flexneri</i>	Alabama	3	6	3		2	11	5	7	7	5	5	8	8	7	10	87
	Alaska	8	2	4	2	6	4		6	1		4		3		4	44
	Arizona	181	150	259	225	212	197	263	279	287	202	192	158	140	112	134	2991
	Arkansas	3	1	1	2	1	2		2		4	2	4	2		7	31
	California	1577	1957	1831	1689	1478	1323	1269	1130	1000	767	631	610	477	511	548	16798
	Colorado	96	65	71	52	44	61	87	83	58	57	64	55	40	57	65	955
	Connecticut	21	17	13	26	13	25	18	15	23	15	20	15	21	17	18	277
	Delaware		1	1	1	1	2	3		5	1	5	11	4	3	7	45
	District of Columbia	4	19	24	18	13	15	28	10	4							135
	Florida	4	9	4	8	9	5	12	10	11	8	10	7	9	8		114
	Georgia	29	31	27	32	44	198	41	30	26	43	47	53	51	57	61	770
	Hawaii	42	36	57	72	63	68	57	67	31	25	25	17	39	32	33	664
	Idaho		1		3	7	13	2	4	9	9	6	8	3	3	8	76
	Illinois	283	340	222	208	204	157	192	167	124	163	159	110	65	81	103	2578
	Indiana	29	21	24	8	12	17	17	14	8	11	13	15	11	11	12	223
	Iowa	18	8	8	7	5	11	9	13	15	6	9	10	6	11	4	140
	Kansas	9	12	13	7	6	9	5	9	4	12	11	7	7	5	9	125
	Kentucky	2	2	4		2	6	2		13	2		2	2	2	11	50
	Louisiana	21	19	16	8	13	10	12	14	11	15	5	5	3	27	26	205
	Maine	4		1	4		1		6				1			3	20
	Maryland	20	31	11	31	45	61	32	32	18	29	21	19	34	26	43	453
	Massachusetts	103	95	71	60	69	66	73	50	90	81	60	43	53	49	61	1024
	Michigan	53	50	45	82	51	39	59	54	34		37	30	42	43	41	660
	Minnesota	32	26	20	20	16	75	28	53	40	39	37	22	30	34	28	500
	Mississippi	4	2	1	2		1				2		1	4	6	3	26
	Missouri	21	26	18	8	7	10	8	11	11	11	14	18	17	23	11	214
	Montana	2	7	9	1	1	1	6	1		2		1			1	32
	Nebraska		5						1		1	15	10				32
	Nevada	6	4	1	2			5		6	8	6	14	17	9	9	87
	New Hampshire	9	2	2	3	3	2	3	3	2	2	7	3	1	5	5	52
	New Jersey	51	44	43	42	42	49	69	49	46	85	59	44	38	16	22	699
	New Mexico	145	124	110	75	89	52	78	65	74	53	48	38	29	35	52	1067
	New York	142	155	122	93	125	128	107	81	101	126	93	86	139	58	57	1613
	North Carolina	18	39	26	23	30	22	32	20	34	23	24	22	35	32	25	405
	North Dakota	16	5	1	3	5			1	1	1	1	1	4		5	44
	Ohio	24	21	10	9	6	5	9	16	7	13	10	21	20	13	24	208
	Oklahoma	9	10	11	9	4	5	14	8	4	3	6	4	6	8	10	111
	Oregon	27	39	31	19	47	32	37	61	54	60	51	38	56	25	42	619
	Pennsylvania	76	55	62	42	44	36	30	49	41	36	24	24	17	32	25	593

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		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	Rhode Island	12	3	7	13	5	12	19	18	8	4	10	12	9	7	5	144
	South Carolina	5	10	7	9	1	7	5	3	7	5	1	3	7	7	5	82
	South Dakota	72	43	55	32	28	16	21	17	11	9	8	2	6	4	2	326
	Tennessee	6	8	12	14	14	13	21	14	20	9	11	10	12	17	10	191
	Texas	294	329	240	137	104	111	141	75	149	115	161	108	60	15		2039
	Utah	42	30	41	13	24	29	23	8	50	21	21	38	27	16	18	401
	Vermont	1	5		1	2		2	2			2		4	1	3	23
	Virginia	19	15	24	15	28	33	43	15	15	27	19	19	22	26	16	336
	Washington	87	117	111	97	115	141	120	112	101	93	66	89	79	64	61	1453
	West Virginia	2	1			2			2				1	2	1	1	12
	Wisconsin	50	33	38	23	14	20	12	16	12	4	4	3	7	5	12	253
	Wyoming					5			1			1	1		2		10
	Total	3682	4031	3712	3250	3061	3101	3019	2704	2573	2207	2025	1821	1668	1523	1660	40037
<i>S. sonnei</i>	Alabama	262	365	361	111	200	356	281	103	184	215	58	71	144	345	173	3229
	Alaska	5	2	26	17	13	10	10	53	2	7	1	3	4	1	2	156
	Arizona	73	309	294	166	149	196	523	327	373	126	203	168	140	308	216	3571
	Arkansas	38	19	89	16	99	58	96	97	60	63	25	59	152		72	943
	California	1448	2632	1632	2580	2806	1657	3126	1993	1508	1568	1227	1700	1237	1779	1291	28184
	Colorado	236	255	112	245	444	329	365	394	129	99	95	151	144	129	243	3370
	Connecticut	207	172	93	101	199	117	127	104	57	43	48	53	38	87	50	1496
	Delaware	60	108	3	6	58	8	122	66	16	37	6	12	11	443	151	1107
	District of Columbia	7	39	20	45	12	4	166	188	4							485
	Florida	495	188	371	252	237	694	305	261	233	529	144	99	32	146	9	3995
	Georgia	313	399	293	404	68	149	131	141	213	205	31	123	407	835	571	4283
	Hawaii	24	22	23	46	26	125	44	17	23	24	11	16	20	29	9	459
	Idaho		1		10	9	17	72	50	30	5	6	16	6	10	20	252
	Illinois	559	567	524	674	910	860	995	339	702	1116	835	820	303	683	764	10651
	Indiana	202	224	238	168	160	161	85	57	22	29	104	141	52	23	27	1693
	Iowa	51	29	18	27	34	263	231	101	57	40	53	336	279	54	53	1626
	Kansas	73	48	41	73	104	47	100	22	75	49	46	139	35	55	92	999
	Kentucky	14	9	200	27	43	76	84	43	27	42	149	119	334	77	58	1302
	Louisiana	304	195	103	78	288	304	365	329	102	273	130	194	233	519	373	3790
	Maine	5	3	3	5	2	3					8		1	4	34	
	Maryland	130	115	35	239	213	134	194	413	154	38	36	91	66	891	417	3166
	Massachusetts	125	227	1300	176	187	143	206	109	194	171	662	211	127	124	148	4110
	Michigan	706	284	142	408	590	287	387	285	209	5	445	575	185	125	169	4802
	Minnesota	314	56	42	54	166	385	133	105	95	290	204	887	455	181	73	3440
	Mississippi	43	139	26	14	98	217	146	86		5	11	6	28	26	16	861
	Missouri	187	144	117	264	329	280	599	260	150	125	339	448	197	199	175	3813
	Montana	66	14	122	118	11	1	196	27	4	1	3	5	1		1	570
	Nebraska	1		1	5	1	2	4	3	17	18	51	106				209
	Nevada	21	3		4	2	2	13	9	4	10		51	32	36	33	220
	New Hampshire	5	29	29	3	7	8	76	21	18	20	10	5	3	8	8	250
	New Jersey	160	155	180	177	222	331	599	285	428	558	171	385	181	348	179	4359
	New Mexico	100	333	184	85	176	175	327	108	111	118	59	76	52	144	151	2199
	New York	267	602	231	347	321	557	427	219	677	689	219	735	359	415	551	6616
	North Carolina	911	514	200	284	1059	1105	560	164	136	154	67	246	151	494	306	6351

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		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	North Dakota	176	135	20	5	5	37	95	47	2	2	1	51	13	4	1	594
	Ohio	377	187	84	68	575	266	246	203	295	137	135	308	1166	414	215	4676
	Oklahoma	81	176	116	87	209	77	116	147	129	208	163	39	69	366	613	2596
	Oregon	15	59	317	116	53	50	73	59	111	89	36	70	48	70	58	1224
	Pennsylvania	588	564	609	356	442	437	501	1544	559	223	157	416	204	327	825	7752
	Rhode Island	13	14	144	147	27	29	45	24	70	9	17	22	15	10	16	602
	South Carolina	107	100	31	58	111	172	110	75	23	94	62	90	115	74	285	1507
	South Dakota	282	34	16	50	59	152	119	37	9	14	2	4	237	41	9	1065
	Tennessee	248	248	181	547	1028	692	418	228	321	947	463	338	102	158	353	6272
	Texas	351	777	583	540	1141	464	726	284	902	748	668	656	251	79		8170
	Utah	26	209	889	94	30	200	680	199	43	14	42	42	29	20	42	2559
	Vermont	3	3	4	3	6	2	2	6	2	5	2		2		1	41
	Virginia	234	55	232	148	498	429	351	435	207	56	45	326	351	564	234	4165
	Washington	101	156	242	290	680	245	143	153	92	93	46	316	151	159	128	2995
	West Virginia	11	17	25	15	24		27	29	13	8	5	16	8	7	3	208
	Wisconsin	217	181	188	353	205	133	60	12	14	67	73	52	20	43	70	1688
	Wyoming					3		4	1	1	1		2	4		5	21
	Total	10242	11116	10734	10106	14339	12446	14811	10262	8807	9387	7366	10803	8193	10851	9263	158726
Unknown	Alabama	66	141	86	48	138	112	97									688
	Alaska		1														1
	Arizona			1				3						10	4	1	19
	Arkansas	1		1													2
	California	713	772	753	728	721	645	811	614	582	570	426	467	383	396	347	8928
	Colorado	58	59	26	62	116	134	26					7	69	21	14	592
	Connecticut						1						2	1	1	2	8
	District of Columbia					1		3									4
	Florida				1	1	22	2						1			27
	Georgia	174	188	209	123	378	1693	4		3	3		12	1	1	4	2793
	Hawaii	1															1
	Idaho	1												1	1		3
	Illinois		2		1								3	3	1	1	12
	Indiana	71	102	67	31									3		2	276
	Iowa	12	9	4	7	6	48							2			88
	Louisiana				1												1
	Maine												2	2			4
	Maryland				2		3			1			1	1		2	10
	Massachusetts							1	1	2				4	4	1	13
	Michigan	3			2								1		2	1	9
	Minnesota	76	36	17	15	53	2		3	1	1	6	16	10	8	2	246
	Mississippi	87	132	234	101	284	243	187	93								1361
	Missouri							1	1						3		5
	Montana	28	24	5				1									58
	Nebraska												1				1
	Nevada									2					2	2	6
	New Hampshire	12	32	9					2								55
	New Jersey					5	2	4			2	2	1	1			17
	New Mexico									4					3		7

TABLE 10

Laboratory confirmed *Shigella* isolates reported to the CDC by Species, State and Year for 1989-2003

Species	State	Year															Total
		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
	New York		1			1	1	3	2	1	3	9	4	6	1		32
	North Carolina	3					1										4
	North Dakota		3	4	3	3	22	31	10					24	3		103
	Ohio		1			3		1		5	1	2	2	8			23
	Oklahoma			1				1	1		1				1	2	7
	Oregon	1		1	2								1	4	5		14
	Pennsylvania											2	4				6
	Rhode Island	1	12	63	1												77
	South Carolina						1							1			2
	South Dakota	7	3														10
	Tennessee						1	1				2	31	11	14	84	144
	Texas		1	1	1			1			15	33	85	13			150
	Utah	7	13	82			2	1									105
	Vermont		7		2												9
	Virginia				1	1		1		1			2	2	2		10
	Washington					10	2	1						2	2		17
	West Virginia	10	2	8	3	12											35
	Wisconsin	34	39	30	82	52											237
	Wyoming													1			1
	Total	1366	1580	1602	1217	1785	2935	1181	727	602	596	489	639	564	475	463	16221