

Morbidity and Mortality

Weekly
Report



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Public Health Service

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Reported Incidence of Notifiable Diseases in the United States, 1953

The annual summary of notifiable diseases for 1953 contains the final figures supplied by the health officers of the various States, the District of Columbia, Territories, certain possessions, and the Canal Zone.

The trends in incidence of the various diseases reported are shown in table 1 for a 10-year period. The numbers of cases by month, mostly by month of report, are shown in table 2. Numbers of cases of notifiable diseases by State and Territory or other political subdivision are shown in tables 3, 4, and 5.

In addition to the diseases reported in 1953 according to procedures adopted in 1951 and made effective January 1, 1952, the States were requested to tabulate total numbers of cases of certain other diseases reportable in the various States if such data were available. Data for a number of these diseases, with their International List numbers in parentheses, are shown below, and the remainder in table 6. States reporting cases of some of these diseases are as follows:

Actinomycosis (132)—Arizona, 1; Colorado, 2; Indiana, 1; Massachusetts, 1; Michigan, 1; Minnesota, 1; Ohio, 1; South Dakota, 1; Tennessee, 1; and Washington, 1.

Ascariasis (130.0)—Arkansas, 9; Kentucky, 4; Minnesota, 4; Ohio, 1; Tennessee, 39; and Washington, 5.

Coccidioidomycosis (valley fever) (133)—Arizona, 97; Arkansas, 3; California, 81; Minnesota, 4; New Mexico, 1; Oklahoma, 1; and Utah, 1.

Diarrhea of newborn (764)—Arizona, 7; California, 32; Connecticut, 1; Illinois, 72; Indiana, 84; Kansas, 1; Maryland, 10; Michigan, 49; Minnesota, 12; Missouri, 1; New Jersey, 2; New Mexico, 5; New York, 143; Ohio, 12; Oklahoma, 5; and West Virginia, 4.

Echinococcosis (Hydatid disease) (125 pt.)—New York, 3. **Histoplasmosis (134.2)**—Arkansas, 7; District of Columbia, 1; Indiana, 1; Minnesota, 5; Missouri, 9; Ohio, 4; Oklahoma, 1; Tennessee, 5; and Wisconsin, 4.

Keratoconjunctivitis, infectious (096.1)—District of Columbia, 7; Illinois, 4; Indiana, 1; Kentucky, 1; Michigan, 12; Minnesota, 9; Montana, 8; New York, 1; and Wyoming, 34.

Lymphocytic choriomeningitis (acute) (082 pt.)—District of Columbia, 2; Illinois, 19; Louisiana, 6; Maryland, 4; Massachusetts, 7; Minnesota, 12; New Jersey, 36; New Mexico, 1; Ohio, 1; Oregon, 4; and Tennessee, 6.

Pellagra (281)—Alabama, 28; Arkansas, 2; Kentucky, 1; Louisiana, 3; Minnesota, 1; Mississippi, 12; New Mexico, 1; and Tennessee, 19.

Rat-bite fever (064.1, 074.0)—Kentucky, 2; and Tennessee, 1.

Relapsing fever (tick-borne) (071.1)—California, 5.

Teniasis (tapeworm) (126 pt.)—District of Columbia, 1; Minnesota, 4; and New York, 3.

Poliomyelitis

Poliomyelitis incidence in 1953 fell far below that for 1952 when 57,879 cases were reported. The number of cases per 100,000 population was 22.5 in 1953 compared with 37.2 for the previous year. The estimated death rate based on a 10-percent sample was 1.1 in 1953 as compared with the final rate of 2.0 in 1952. States reporting the largest numbers of cases in 1953 were California with 4,078 cases, New York with 2,984, Ohio with 2,635, Michigan with 2,346, and Minnesota with 2,254. The

5 States having the highest incidence rates in 1953 are shown below, and for comparison, the 5 States with the highest rates in 1952.

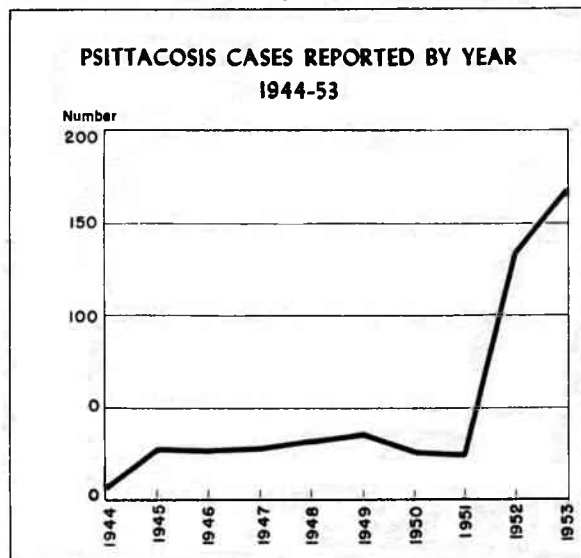
1953	1952
Minnesota-----73.9	Nebraska----- 166.9
Arizona-----45.2	South Dakota----- 154.1
Montana-----40.6	Minnesota----- 137.1
Maine-----35.9	Iowa----- 137.0
Rhode Island-----35.5	Kansas----- 87.2

More information was received in 1953 regarding the types of cases, i.e., whether they were paralytic or nonparalytic. Forty-four percent were reported to be paralytic, 34 percent nonparalytic, and 22 percent were unspecified. In 1952 the proportions were 37, 22, and 41 percent, respectively. Only 3 States reported all cases as unspecified in 1953, whereas 10 reported all as unspecified in 1952.

Psittacosis

Psittacosis was first recognized in the United States in 1904, but the first extensive outbreak did not occur until 1929 and 1930, when 74 different foci of infection were recorded. This outbreak coincided with a marked increase of the disease in other countries. Eighty-four cases were reported in the latter part of 1929 and 86 in 1930. Among these 170 cases, 33 deaths were registered, but did include 16 laboratory infections with 2 deaths. In 1932, 74 cases of psittacosis were reported in the United States,

Figure 1



45 of which were in California and 19 in Minnesota. Two years later more than half of the 22 cases reported were in Pennsylvania, where an outbreak occurred among employees of a department store. In the 10-year period, 1935-44, the average annual number of cases was 7.4, and for the years 1945 to 1951 inclusive, the average annual number rose to 28.3. A marked increase occurred in 1952 when 135 cases were reported, 61 of which occurred among employees of a poultry processing plant in one State. Another increase took place in 1953 when a total of 169 cases was reported. Slightly more than one-half of the cases (88) were reported in the months of May, June, and July. Reports of epidemiologic investigations of a large proportion of the 169 cases indicated that they had exposure to parakeets. Exposure to domestic fowl was reported in 2 separate outbreaks. The trend in reported cases by years is shown in figure 1.

The marked increase in cases beginning in 1952 followed changes in regulations, which were effective in November 1951, governing the interstate movement or shipment of psittacine birds. There is also evidence to indicate that the breeding and sale of parakeets has increased markedly since 1951.

Mortality from psittacosis has been low in recent years. In the 5-year period, 1945-49, there were only 3 deaths, none in 1950, 1 in 1951, and 5 in 1952.

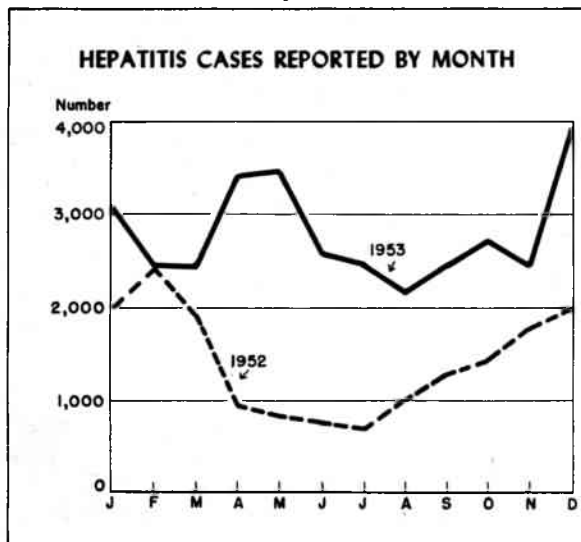
Infectious hepatitis

Infectious hepatitis cases reported in 1953 were 93 percent in excess of the number for 1952. An increase occurred in all geographic divisions of the country, varying from slightly less than 10 percent in the East South Central States to about 260 percent in the West South Central. However, some States in the South Atlantic, East South Central, and Mountain Divisions reported fewer cases in 1953 than in the previous year.

It is probable that more complete reporting accounts for much of the increase in numbers of cases reported, for this disease was not made reportable in many States until recent years.

The seasonal distribution of infectious hepatitis, as shown in figure 2, indicates that the disease occurs principally in the colder months of the year with a peak in winter.

Figure 2



Infectious encephalitis

As shown in table 3, many States classified cases of infectious encephalitis into arthropod-borne and into other and unspecified types. Nine States reported a total of 114 cases of the arthropod-borne or epidemic type. Nearly three-fourths of the 114 cases were reported in the months of August, September, October, and November. Cases classified under other and unspecified types

consisted mainly of post infectious types following mumps, measles, whooping cough, etc. There was fairly even distribution of these cases throughout the year.

Smallpox

Only 4 cases of smallpox were reported from 4 States in 1953. If recommended criteria (laboratory tests and epidemiologic investigations) are used for verification of the diagnosis, some of the 4 cases reported would not qualify as confirmed cases.

Malaria

During the 5 years prior to 1951, the numbers of cases of malaria reported in the United States declined to a remarkable degree—96 percent from 1946 through 1950. An increase in cases in 1951 coincided with the return of military personnel who had been in service in Korea. Many of these new cases developed clinical signs of malaria after a long latent period, often after these persons were discharged from service. The number of cases continued to increase in 1952, but declined in 1953, partially because of the use of a more effective antimalarial drug given to the military personnel prior to or at the time of their return from Korea.

In 1953 the number of cases reported among civilians, as reported weekly, was about one-half the number in 1952, and among military personnel, the number declined slightly more than 85 percent. Few locally acquired or indigenous malaria cases have been seen since 1950. The most notable example of such locally acquired disease is that found among teen-age girls attending a camp in California in 1952. Source of the infection was considered to be a Korean veteran who had a clinical attack of malaria while visiting in an area close by the camp. Nine cases developed among the campers a few weeks after they left the camp. Approximately 6 months later, some of the original 9 persons affected had relapses, and a large number of others who were present in the camp had clinical attacks. The long latent period in the latter corresponds with that seen in many of the military cases.

Tuberculosis

A total of 106,925 tuberculosis cases was newly reported in the continental United States during the calendar year 1953. This is a decline of 2.7 percent from the 109,837 tuberculosis cases newly reported during the calendar year 1952. Due to the change in tuberculosis morbidity reporting rules initiated as of January 1, 1952, data for the years 1952 and 1953 are not strictly comparable with data for previous years. Although it is believed that there has been a definite decline in the number of tuberculosis cases newly reported during the past 10 years, it should be recognized that the time series presented here is not suitable for the precise estimation of trends.

Venereal diseases

During the calendar year 1953, the reported cases of the venereal diseases continued their downward trend, but at a somewhat lesser rate than previously. The total number of cases of syphilis reported in 1953 was 150,026 compared with 169,198 in 1952, a decline of 11.3 percent. There were 246,311 cases of gonorrhea reported in 1953 as compared with 253,839 the year before, a decline of 3.0 percent.

The data published here will in many instances vary from morbidity data available from the Venereal Disease Program, since these data include those military cases reported to State health departments.

The trend of reported cases of syphilis must be interpreted with caution, since decreasing case-finding efforts are reflected in the reported morbidity data as well as changes in incidence and prevalence. It is believed that the current downward trend in reported morbidity is more a result of a decrease in the extent of case-finding effort than decreases in incidence and prevalence. The tendency of venereal disease morbidity rates to level off is continuing in spite of the fact that there is less case-finding effort. Moreover, with downward trends in syphilis incidence and prevalence, case-finding becomes progressively more difficult, and therefore the meaning of the number of cases reported becomes more difficult to interpret.

Table 1. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, 1944-53

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944
Amebiasis-----046	4,444	4,280	3,550	4,568	5,543	4,871	3,365	4,093	3,412	3,241
Anthrax-----062	45	47	60	49	54	60	69	40	40	49
Botulism-----049.1	18	18	33	20	24	39	44	---	---	---
Brucellosis (undulant fever)-----044	2,032	2,537	3,139	3,510	4,235	4,991	6,321	5,887	5,049	4,436
Dengue-----090	8	5	16	26	46	24	35	40	106	61
Diphtheria-----055	2,355	2,960	3,983	5,796	7,969	9,493	12,262	16,354	18,675	14,150
Dysentery, bacillary (shigellosis)-----045	16,533	23,197	32,215	23,367	29,080	23,753	17,049	24,286	34,943	38,230
Encephalitis, acute infectious-----082	1,935	1,912	1,123	1,135	903	730	785	728	785	788
Hepatitis, infectious, and serum-----092, N998.5 pt.	33,700	17,428	7,349	2,820	2,027	709	1,092	---	---	---
Leprosy-----060	60	57	57	44	41	63	56	43	40	37
Leptospirosis-----072	42	62	9	30	17	18	14	---	---	---
Malaria-----110-117	1,310	7,023	5,600	2,184	4,151	9,606	15,116	48,610	62,763	57,626
Measles-----085	449,146	683,077	530,118	319,124	625,281	615,104	222,375	695,843	146,013	630,291
Meningococcal infections-----057	5,077	4,884	4,164	3,788	3,519	3,376	3,420	5,693	8,208	16,312
Plague-----058	-	-	1	3	3	-	1	-	-	1
Polioomyelitis, acute-----080	35,592	57,879	28,386	33,300	42,033	27,726	10,827	25,698	13,624	19,029
Psittacosis and ornithosis-----096.2	169	135	25	26	35	32	27	26	27	6
Q fever-----108 pt.	4	7	8	-	2	1	---	---	---	---
Rabies in man ¹ -----094	16	24	18	18	10	24	26	34	43	56
Rabies in animals ² -----	7,794	8,432	8,008	7,901	7,587	8,495	8,920	10,850	9,928	10,487
Rocky Mountain spotted fever-----104A	313	327	347	464	570	547	596	587	472	470
Salmonellosis, paratyphoid fever-----041,042	3,946	2,596	1,773	1,233	1,243	882	951	723	649	712
Scarlet fever and streptococcal sore throat-----050,051	132,935	113,677	84,151	64,494	87,220	91,295	93,595	125,511	185,570	200,539
Smallpox-----084	4	21	11	39	49	57	176	337	346	397
Tetanus-----061	506	484	506	486	579	601	560	---	---	---
Trachoma-----095	773	3,088	2,916	1,584	1,475	2,565	1,540	---	---	---
Trichiniasis-----128	395	367	393	327	353	487	451	---	---	---
Tuberculosis, all forms-----001-019	106,925	109,837	118,491	121,742	134,865	137,006	134,946	119,256	114,931	126,294
Typhoid fever-----059	601	668	702	927	1,179	1,086	1,401	1,355	900	781
Typhoid fever-----040	2,252	2,341	2,128	2,484	2,795	2,840	3,075	3,268	4,211	4,599
Typhus fever, endemic (murine)-----101	221	205	378	685	985	1,171	2,050	3,365	5,193	5,401
Venereal diseases: ³										
Gonorrhoea-----030-034	246,311	⁴ 253,839	254,057	286,746	317,950	345,501	380,666	415,855	313,363	288,020
Syphilis-----020-029	150,026	169,198	174,924	217,558	256,463	314,313	355,592	385,524	351,767	402,251
Other specified venereal diseases-----036-038	5,209	6,093	6,885	8,187	11,034	12,559	14,371	13,461	10,261	10,884
Whooping cough (pertussis)-----056	37,129	45,030	68,687	120,718	69,479	74,715	156,517	109,860	133,792	109,873

¹For 1944-52, figures represent registered deaths.

²For 1944-52, figures from the Bureau of Animal Industry, U. S. Department of Agriculture.

³For 1944-51, figures (civilian cases only) from the Division of Venereal Diseases, Public Health Service.

⁴Corrected figure.

Table 2. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES BY MONTH: UNITED STATES, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	Total ¹	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis-----046	4,444	216	277	335	375	404	328	989	350	288	308	265	309
Anthrax-----062	45	2	13	6	7	3	1	-	3	1	6	1	2
Botulism-----049.1	18	-	4	1	-	3	-	-	4	1	4	1	-
Brucellosis (undulant fever)-----044	2,032	97	113	130	143	155	165	197	200	160	170	115	165
Cholera-----043	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue-----090	8	-	-	-	-	4	-	3	-	-	-	1	-
Diphtheria-----055	2,355	232	190	169	161	157	128	117	166	185	374	240	236
Dysentery, bacillary (shigellosis)-----045	16,533	872	603	796	1,300	2,112	1,492	1,563	1,733	1,854	1,797	1,205	1,206
Encephalitis, acute infectious-----082	1,935	100	112	166	146	174	191	193	218	219	168	119	129
Glanders-----064.2	15	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis, infectious, and serum-----092,N998.5 pt.	33,700	3,066	2,488	2,458	3,404	3,480	2,580	2,471	2,161	2,486	2,708	2,461	3,925
Leprosy-----060	60	5	2	6	2	9	12	4	3	5	7	3	2
Leptospirosis-----072	42	5	3	4	3	6	5	-	1	4	5	3	3
Malaria-----110-117	1,310	33	15	19	36	50	127	122	146	104	65	50	29
Measles-----085	449,146	27,566	35,435	62,881	98,553	104,425	57,894	20,907	5,987	3,191	5,468	8,884	17,838
Meningococcal infections-----057	5,077	640	615	584	526	541	353	254	227	267	331	305	432
Plague-----058	-	-	-	-	-	-	-	-	-	-	-	-	-
Polioomyelitis, acute-----080	35,592	735	375	287	374	712	1,725	5,576	9,168	8,481	4,568	2,148	1,405
Paralytic-----080.0,080.1	15,648	390	203	150	172	323	650	2,149	3,738	3,660	2,325	1,111	770
Nonparalytic-----080.2	12,144	160	85	72	122	232	680	2,267	3,483	2,894	1,256	558	322
Unspecified-----080.3	7,800	185	87	65	80	157	395	1,160	1,947	1,927	987	479	313
Psittacosis and ornithosis-----096.2	169	6	3	7	17	37	21	30	6	12	11	7	12
Q fever-----108 pt.	4	1	-	-	-	-	-	-	1	-	1	1	-
Rabies in man-----094	16	1	-	-	1	2	-	-	2	3	2	2	2
Rabies in animals-----	7,794	678	738	859	712	680	543	552	587	496	591	630	673
Rocky Mountain spotted fever-----104A	313	-	1	4	11	50	73	88	40	23	11	6	6
Salmonellosis, paratyphoid fever-----041,042	3,946	202	215	211	287	357	358	417	340	303	469	370	410
Scarlet fever and streptococcal sore throat-----050,051	132,955	18,638	16,832	17,815	16,457	15,337	8,845	4,638	4,330	4,079	6,488	8,259	11,212
Smallpox-----084	4	-	1	1	-	1	1	-	-	-	-	-	-
Tetanus-----061	506	27	25	25	26	50	37	54	64	47	68	41	41
Trachoma-----085	773	84	83	93	53	142	60	30	36	50	47	67	27
Trichiniasis-----128	395	9	18	49	16	27	30	106	23	29	33	29	26
Tuberculosis, all forms-----001-019	106,925	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia-----059	601	68	34	36	47	45	51	52	60	42	43	36	86
Typhoid fever-----040	2,252	98	76	94	122	191	247	298	311	289	210	144	172
Typhus fever, endemic (murine)-----101	221	17	9	13	14	19	27	41	28	19	17	7	10
Typhus fever, epidemic-----100	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal diseases: ²													
Chancroid-----036	3,554	-	885	-	-	855	-	-	915	-	-	899	-
Gonorrhoea-----030-034	246,311	-	54,272	-	-	56,380	-	-	61,368	-	-	55,333	-
Granuloma inguinale-----038	662	-	189	-	-	168	-	-	152	-	-	153	-
Lymphogranuloma venereum-----037	993	-	239	-	-	272	-	-	254	-	-	228	-
Syphilis, primary and secondary ³ -----021.0-021.3	8,268	-	2,189	-	-	2,001	-	-	1,876	-	-	1,713	-
Syphilis, other forms-----020,021.4-029	141,758	-	33,921	-	-	36,146	-	-	33,977	-	-	32,235	-
Whooping cough (pertussis)-----056	37,129	3,030	2,236	2,589	2,613	3,191	3,110	3,379	3,350	3,641	3,191	3,148	3,648
Yellow fever-----091	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Cases not tabulated by month included in the "Total," but not distributed.²Reports received by quarters.³Excludes some cases of primary and secondary syphilis which are included in "other forms."

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Ame- biasis 046	Brucel- losis (undulant fever) 044	Diph- theria 055	Dysentery, bacillary (shigel- losis) 045	ENCEPHALITIS, ACUTE INFECTIOUS 082		Hepatitis, infectious, and serum 092, N998.5 pt.	MALARIA 110-117	
					Arthropod- borne	Other		Total ¹	Acquired outside United States
UNITED STATES-----	4,444	2,032	2,355	16,533	114	1,821	33,700	1,310	790
NEW ENGLAND-----	37	68	37	706	-	38	2,504	44	1
Maine-----	2	4	3	68	-	8	725	10	1
New Hampshire-----	-	-	1	-	-	-	194	1	-
Vermont-----	-	20	-	11	-	3	46	-	-
Massachusetts-----	6	15	31	556	-	18	1,159	18	-
Rhode Island-----	4	2	-	27	-	3	61	2	-
Connecticut-----	25	27	2	44	-	6	319	13	-
MIDDLE ATLANTIC-----	1,211	76	153	1,326	-	516	5,569	49	-
New York-----	945	51	43	1,197	-	453	4,149	22	-
New Jersey-----	257	10	52	11	-	36	122	22	-
Pennsylvania-----	9	15	60	118	-	27	1,298	5	-
EAST NORTH CENTRAL-----	1,124	444	161	906	43	204	4,355	34	18
Ohio-----	13	15	72	52	-	64	1,132	4	-
Indiana-----	814	27	48	-	6	-	953	4	-
Illinois-----	118	243	18	170	37	61	1,048	16	15
Michigan-----	159	68	12	475	-	67	870	3	3
Wisconsin-----	20	91	11	209	-	12	352	7	-
WEST NORTH CENTRAL-----	77	831	123	580	16	272	4,937	60	42
Minnesota-----	31	133	29	248	14	96	1,201	27	25
Iowa-----	25	556	19	6	-	5	1,811	17	17
Missouri-----	11	44	46	45	1	3	594	5	-
North Dakota-----	2	13	7	-	-	110	318	-	-
South Dakota-----	-	23	2	-	-	28	102	1	-
Nebraska-----	-	3	8	-	-	10	681	6	-
Kansas-----	8	59	12	281	1	20	230	4	-
SOUTH ATLANTIC-----	308	163	813	1,298	9	133	6,070	280	168
Delaware-----	-	-	-	3	-	1	29	-	-
Maryland-----	11	13	12	110	-	35	547	14	3
District of Columbia-----	7	1	-	6	-	2	54	3	-
Virginia-----	20	58	97	93	-	53	2,551	59	-
West Virginia-----	37	5	27	114	-	4	1,048	3	-
North Carolina-----	31	5	130	485	-	15	1,142	48	48
South Carolina-----	4	8	457	32	-	8	41	61	47
Georgia-----	21	63	276	402	-	15	357	73	70
Florida-----	177	10	114	53	9	-	301	19	-
EAST SOUTH CENTRAL-----	187	115	432	266	-	57	3,981	55	9
Kentucky-----	-	11	72	4	-	5	900	-	-
Tennessee-----	60	35	69	182	-	34	894	9	9
Alabama-----	46	29	224	-	-	7	934	25	-
Mississippi-----	81	40	67	80	-	11	1,253	21	-
WEST SOUTH CENTRAL-----	889	207	390	9,483	-	130	1,721	277	107
Arkansas-----	92	47	32	128	-	8	301	17	-
Louisiana-----	85	18	37	39	-	6	*	29	28
Oklahoma-----	20	38	69	163	-	12	175	26	15
Texas-----	692	104	252	9,153	-	104	1,245	205	64
MOUNTAIN-----	125	48	148	232	1	98	1,109	21	-
Montana-----	4	8	19	2	-	23	58	1	-
Idaho-----	4	9	87	44	-	5	224	4	-
Wyoming-----	1	10	1	1	-	2	53	5	-
Colorado-----	6	8	14	54	-	34	446	-	-
New Mexico-----	74	2	6	62	-	7	43	3	-
Arizona-----	29	1	3	52	1	21	92	1	-
Utah-----	7	10	16	17	-	6	191	7	-
Nevada-----	-	-	2	-	-	-	2	-	-
PACIFIC-----	486	80	98	1,736	45	373	3,454	490	445
Washington-----	15	5	38	491	-	24	821	52	52
Oregon-----	17	7	15	57	9	4	1,227	9	-
California-----	454	68	45	1,188	36	345	1,406	429	393

¹Includes cases with source of contraction not stated.

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1953—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Measles 085	Meningo- coccal infections 057	POLIOMYELITIS, ACUTE				Petta- cosis and orni- thosis 096.2	Rabies in man 094	Rabies in animals
			Total 080	Paralytic 080.0,080.1	Non- paralytic 080.2	Unspeci- fied 080.3			
UNITED STATES-----	449,146	5,077	35,592	15,648	12,144	7,800	169	16	7,794
NEW ENGLAND-----	6,485	224	1,847	1,093	693	61	6	-	-
Maine-----	1,606	26	319	246	73	-	-	-	-
New Hampshire-----	219	29	108	36	61	11	1	-	-
Vermont-----	534	22	120	62	20	38	-	-	-
Massachusetts-----	2,290	85	635	412	222	1	2	-	-
Rhode Island-----	170	13	295	185	110	-	-	-	-
Connecticut-----	1,666	49	370	152	207	11	3	-	-
MIDDLE ATLANTIC-----	32,080	763	5,211	2,313	1,104	1,794	34	1	465
New York-----	11,058	359	2,984	1,908	812	264	19	1	458
New Jersey-----	3,626	140	756	405	292	59	-	-	-
Pennsylvania-----	17,396	264	1,471	-	-	1,471	15	-	27
EAST NORTH CENTRAL-----	114,994	968	8,384	3,082	2,561	2,741	63	1	1,050
Ohio-----	27,594	303	2,635	-	-	2,635	11	1	101
Indiana-----	5,796	180	625	322	249	54	2	-	430
Illinois-----	16,746	255	2,041	1,244	781	16	45	-	318
Michigan-----	23,334	151	2,346	1,127	1,210	9	-	-	154
Wisconsin-----	41,534	79	737	389	321	27	5	-	47
WEST NORTH CENTRAL-----	46,266	340	4,924	2,179	1,926	819	23	-	687
Minnesota-----	4,436	85	2,254	1,161	994	99	6	-	122
Iowa-----	11,196	38	613	170	315	128	11	-	184
Missouri-----	9,300	74	877	486	235	156	5	-	261
North Dakota-----	1,697	47	209	70	61	78	-	-	40
South Dakota-----	532	26	225	64	150	11	-	-	4
Nebraska-----	2,390	19	231	88	97	46	-	-	58
Kansas-----	16,715	51	515	140	301	301	1	-	18
SOUTH ATLANTIC-----	24,979	927	4,098	1,775	1,558	765	15	5	1,634
Delaware-----	269	13	32	16	8	8	-	-	2
Maryland-----	2,029	81	525	309	216	-	1	-	41
District of Columbia-----	303	40	64	27	36	1	1	-	-
Virginia-----	4,928	193	740	368	370	2	4	1	460
West Virginia-----	6,138	48	518	273	186	59	-	-	330
North Carolina-----	4,984	189	926	314	350	262	-	-	127
South Carolina-----	2,010	93	170	77	44	49	-	3	248
Georgia-----	3,002	168	390	182	111	97	9	1	368
Florida-----	1,316	102	733	209	237	287	-	-	58
EAST SOUTH CENTRAL-----	12,878	590	1,745	711	666	368	-	6	1,991
Kentucky-----	4,260	193	368	201	159	8	-	2	475
Tennessee-----	3,118	150	592	220	201	171	-	1	460
Alabama-----	2,965	175	449	238	185	26	-	1	761
Mississippi-----	2,535	72	336	52	121	163	-	2	295
WEST SOUTH CENTRAL-----	99,485	546	3,049	1,068	1,095	886	5	3	1,711
Arkansas-----	13,232	54	324	197	105	22	-	1	196
Louisiana-----	4,443	117	438	209	229	-	1	1	151
Oklahoma-----	3,798	54	536	136	90	310	1	-	33
Texas-----	78,012	321	1,751	526	671	554	3	1	1,329
MOUNTAIN-----	34,108	141	1,463	683	443	337	-	-	77
Montana-----	3,303	26	251	132	106	13	-	-	-
Idaho-----	2,210	15	97	-	-	97	-	-	28
Wyoming-----	1,466	5	80	54	23	3	-	-	-
Colorado-----	10,492	37	194	99	88	7	-	-	-
New Mexico-----	5,288	10	108	46	32	30	-	-	16
Arizona-----	5,079	19	409	137	150	122	-	-	33
Utah-----	6,081	26	259	201	32	26	-	-	-
Nevada-----	189	3	65	14	12	39	-	-	-
PACIFIC-----	77,871	578	4,871	2,744	2,098	29	23	-	179
Washington-----	12,373	65	445	218	199	28	3	-	4
Oregon-----	9,460	50	348	226	121	1	-	-	1
California-----	56,038	463	4,078	2,300	1,778	-	20	-	174

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1953—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Rocky Mountain spotted fever 104A	Salmonellosis, paratyphoid fever 041,042	Scarlet fever and streptococcal sore throat 050,051	Tetanus 061	Trachoma 095	Trichiniasis 128	Tuberculosis, all forms 001-019	Tularemia 059	Typhoid fever 040
UNITED STATES-----	313	3,946	132,935	506	773	395	106,925	601	2,252
NEW ENGLAND-----	1	262	11,101	11	-	47	4,387	-	64
Maine-----	-	20	1,810	-	-	4	396	-	9
New Hampshire-----	-	4	711	1	-	2	151	-	2
Vermont-----	-	2	281	-	-	-	160	-	4
Massachusetts-----	1	205	3,911	5	-	27	2,242	-	28
Rhode Island-----	-	2	962	1	-	3	400	-	1
Connecticut-----	-	29	3,426	4	-	11	1,038	-	20
MIDDLE ATLANTIC-----	35	425	20,645	39	2	163	23,319	8	231
New York-----	21	258	12,499	32	2 ¹	131	11,375	6	86
New Jersey-----	8	30	3,296	7	2	14	4,214	-	31
Pennsylvania-----	6	137	4,850	-	-	18	7,730	2	114
EAST NORTH CENTRAL-----	21	536	22,454	70	-	31	21,912	64	266
Ohio-----	11	40	5,796	18	-	12	6,637	5	112
Indiana-----	5	24	2,437	7	-	-	1,764	10	52
Illinois-----	5	216	4,403	29	-	16	6,436	29	57
Michigan-----	-	221	5,886	11	-	2	5,643	10	31
Wisconsin-----	-	35	3,932	5	-	1	1,432	10	14
WEST NORTH CENTRAL-----	5	233	7,044	29	489	21	6,430	37	137
Minnesota-----	-	187	1,944	17	2	20	2,080	6	18
Iowa-----	2	36	1,273	1	-	-	748	1	21
Missouri-----	-	10	1,154	4	484	-	2,511	20	69
North Dakota-----	1	-	900	2	1	-	214	-	5
South Dakota-----	1	-	253	1	2	-	223	-	4
Nebraska-----	-	-	521	-	-	1	268	1	5
Kansas-----	1	-	999	4	-	-	386	9	15
SOUTH ATLANTIC-----	156	495	12,500	136	4	9	16,216	142	401
Delaware-----	-	5	158	1	-	-	232	-	7
Maryland-----	25	41	2,381	8	1	2	2,183	10	32
District of Columbia-----	2	5	245	1	-	1	1,732	-	8
Virginia-----	61	186	5,405	22	-	-	3,222	55	54
West Virginia-----	3	8	1,223	2	-	-	1,161	3	81
North Carolina-----	40	14	1,416	18	2	2	2,001	15	47
South Carolina-----	11	10	213	6	-	4	1,176	11	73
Georgia-----	14	150	867	34	-	-	2,085	41	58
Florida-----	-	76	592	44	1	-	2,424	7	41
EAST SOUTH CENTRAL-----	28	61	4,264	76	-	2	9,607	78	348
Kentucky-----	10	17	1,355	6	-	-	2,831	16	124
Tennessee-----	12	44	2,047	20	-	2	3,402	26	80
Alabama-----	6	-	483	36	-	-	2,131	14	69
Mississippi-----	-	-	379	14	-	-	1,243	22	75
WEST SOUTH CENTRAL-----	19	770	32,642	96	44	2	9,221	149	537
Arkansas-----	4	27	1,998	15	4	-	1,538	63	126
Louisiana-----	2	16	266	24	-	1	2,039	13	88
Oklahoma-----	10	83	946	14	36	1	1,754	28	46
Texas-----	3	644	29,432	43	4	-	3,890	45	277
MOUNTAIN-----	39	126	9,256	3	211	1	4,857	102	149
Montana-----	6	7	771	2	47	-	339	18	5
Idaho-----	6	-	2,124	1	-	-	169	3	19
Wyoming-----	11	-	2,073	-	-	1	102	26	12
Colorado-----	5	77	1,040	-	7	-	1,408	2	28
New Mexico-----	2	13	574	-	60	-	1,033	5	50
Arizona-----	-	7	762	-	93	-	1,518	8	24
Utah-----	9	22	1,851	-	4	-	147	40	11
Nevada-----	-	-	61	-	-	-	141	-	-
PACIFIC-----	9	1,038	13,029	46	23	119	10,976	21	119
Washington-----	-	147	4,253	2	-	5	2,226	1	6
Oregon-----	8	43	1,639	2	5	78	656	4	17
California-----	1	848	7,137	42	18	36	8,094	16	96

¹New York City only.

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1953—Continued

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Typhus fever, endemic (murine) 101	VENEREAL DISEASES						Whooping cough (pertussis) 056	
		Chan-croid 036	Gonorrhea 030-034	Granulo-ma ingui-nale 038	Lympho-granulo-ma venereum 037	Syphilis			
						Total 020-029	Primary and secondary ³ 021.0-021.3		Other 020, 021.4-029
UNITED STATES-----	221	3,554	246,311	662	993	150,026	8,268	141,758	37,129
NEW ENGLAND-----	-	67	3,609	3	11	3,459	99	3,360	3,880
Maine-----	-	1	131	-	-	129	16	113	437
New Hampshire-----	-	-	42	-	-	113	3	110	189
Vermont-----	-	-	61	-	-	112	10	102	564
Massachusetts-----	-	50	2,401	2	10	1,774	---	1,774	1,726
Rhode Island-----	-	8	282	-	-	520	30	490	338
Connecticut-----	-	8	692	1	1	811	40	771	626
MIDDLE ATLANTIC-----	3	360	27,140	75	116	37,298	1,123	36,175	10,208
New York-----	43	255	15,272	245	282	28,860	722	28,138	5,548
New Jersey-----	-	76	4,753	6	25	3,783	183	3,600	1,874
Pennsylvania-----	-	29	7,115	24	9	4,655	218	4,437	2,786
EAST NORTH CENTRAL-----	1	270	40,235	33	58	24,157	1,148	23,009	6,990
Ohio-----	1	84	7,851	14	10	9,469	327	9,142	1,420
Indiana-----	-	16	1,795	1	-	2,097	97	2,000	794
Illinois-----	-	126	21,014	9	45	5,832	478	5,354	579
Michigan-----	-	43	8,790	2	3	5,619	158	5,461	2,932
Wisconsin-----	-	1	785	7	-	1,140	88	1,052	1,265
WEST NORTH CENTRAL-----	1	101	8,577	8	20	8,368	278	8,090	1,052
Minnesota-----	-	2	717	-	-	327	11	316	184
Iowa-----	-	3	755	1	2	1,835	68	1,767	306
Missouri-----	-	59	3,913	7	6	3,346	160	3,186	217
North Dakota-----	-	-	160	-	-	79	9	70	54
South Dakota-----	-	3	316	-	-	170	10	160	44
Nebraska-----	-	1	583	-	-	506	20	486	53
Kansas-----	1	33	2,133	-	12	2,105	---	2,105	194
SOUTH ATLANTIC-----	74	1,580	77,499	332	435	37,748	2,489	35,259	2,614
Delaware-----	-	2	281	2	1	465	28	437	35
Maryland-----	3	45	7,835	12	15	2,286	154	2,132	497
District of Columbia-----	-	268	12,084	18	139	4,189	78	4,111	162
Virginia-----	1	65	7,940	12	68	6,044	337	5,707	393
West Virginia-----	-	18	1,996	1	2	3,388	118	3,270	639
North Carolina-----	8	273	15,958	45	34	4,042	417	3,625	252
South Carolina-----	11	105	5,442	35	24	7,451	222	7,229	285
Georgia-----	41	476	14,504	98	56	3,161	550	2,611	122
Florida-----	10	328	11,459	109	96	6,722	585	6,137	209
EAST SOUTH CENTRAL-----	31	345	31,663	96	116	9,306	650	8,656	1,675
Kentucky-----	1	46	3,234	4	5	1,665	146	1,519	787
Tennessee-----	8	120	16,029	18	35	2,876	347	2,529	401
Alabama-----	19	105	4,224	38	39	2,075	---	2,075	326
Mississippi-----	3	74	8,176	36	37	2,690	157	2,533	161
WEST SOUTH CENTRAL-----	101	502	34,089	97	154	17,780	1,623	16,157	5,762
Arkansas-----	-	51	1,642	8	19	1,926	72	1,854	592
Louisiana-----	7	310	8,451	72	96	8,158	247	7,911	115
Oklahoma-----	2	24	4,553	-	4	1,989	110	1,879	256
Texas-----	92	117	19,443	17	35	5,707	1,194	4,513	4,799
MOUNTAIN-----	-	81	5,248	3	2	4,200	281	3,919	1,256
Montana-----	-	-	167	-	-	93	3	90	169
Idaho-----	-	12	334	-	-	212	-	212	107
Wyoming-----	-	-	145	-	-	150	20	130	53
Colorado-----	-	35	1,218	2	-	419	56	363	198
New Mexico-----	-	21	1,280	1	2	1,054	43	1,011	382
Arizona-----	-	8	1,546	-	-	1,887	127	1,760	255
Utah-----	-	-	220	-	-	244	32	212	91
Nevada-----	-	5	338	-	-	141	---	141	1
PACIFIC-----	10	248	18,251	15	81	7,710	577	7,133	3,692
Washington-----	-	62	1,598	4	3	553	51	502	607
Oregon-----	-	6	557	-	1	683	48	635	942
California-----	10	180	16,096	11	77	6,474	478	5,996	2,143

²New York City only.³Excludes some cases of primary and secondary syphilis which are included in "Other."⁴Reported as Brill's disease.

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Table 4. CASES OF INFREQUENTLY REPORTED NOTIFIABLE DISEASES BY STATE: UNITED STATES, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

STATES REPORTING CASES	Anthrax 062	Botulism 049.1	Dengue 090	Glanders 064.2	Leprosy 060	Lepto- spirosis 072	Q fever 108 pt.	Smallpox 084
California-----	-	2	-	*	14	4	1*	-
Colorado-----	-	6	-	-	-	-	-	-
Connecticut-----	-	-	*	-	-	3	-	-
Delaware-----	-	-	-	-	1	-	-	-
Florida-----	1	-	2	-	1	1	-	-
Georgia-----	-	-	-	-	1	1	-	-
Idaho-----	-	-	-	-	-	-	2	-
Illinois-----	1	4	-	-	-	-	-	-
Indiana-----	-	-	-	1	1	-	-	-
Iowa-----	-	-	-	14	-	-	-	-
Kentucky-----	-	1	-	-	-	-	-	-
Louisiana-----	-	1	-	-	9	1	*	-
Maryland-----	-	-	-	-	-	1	-	-
Massachusetts-----	4	*	*	-	-	-	-	-
Michigan-----	-	-	-	-	-	1	-	-
Minnesota-----	1	-	-	-	-	-	1	-
Missouri-----	-	-	-	-	1	-	-	-
Montana-----	-	-	-	-	-	1	-	-
Nebraska-----	-	-	-	-	-	-	-	1
New Hampshire-----	16	-	-	-	-	-	-	-
New Jersey-----	2	-	-	-	-	-	-	-
New York-----	1	-	2	-	2 ^g	2	2	-
North Carolina-----	1	1	-	-	1	1	-	1
Ohio-----	-	1	-	-	1	3	-	-
Oklahoma-----	1	1	-	-	-	-	-	-
Oregon-----	1	-	-	-	-	1	-	-
Pennsylvania-----	14	-	-	-	1	2	-	-
South Carolina-----	-	-	-	-	-	1	1	-
Tennessee-----	-	-	-	-	-	2	-	-
Texas-----	1	-	6	-	20	4	-	1
Virginia-----	-	-	-	-	-	2	-	-
Washington-----	-	1	-	-	-	1	-	-
Wisconsin-----	-	-	-	-	-	11	-	-
Wyoming-----	1	-	-	-	-	1	-	1

¹Q fever is not notifiable in California, but laboratory tests proved 101 cases.

²New York City only.

Table 5. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: TERRITORIES, CERTAIN POSSESSIONS, AND THE CANAL ZONE, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948. Only diseases with frequencies are listed. For a complete list of diseases, see table 2)

DISEASE	Alaska	Hawaii	Puerto Rico ¹	Virgin Islands	Canal Zone ²	Guam
Amebiasis-----	-	12	22	1	-	-
Brucellosis (undulant fever)-----	2	1	1	-	-	-
Diphtheria-----	1	5	327	-	3	-
Dysentery, bacillary (shigellosis)-----	-	174	18	-	22	-
Encephalitis, acute infectious-----	-	1	-	-	1	4
Hepatitis, infectious, and serum-----	25	55	58	-	2 ¹⁶	-
Leprosy-----	-	23	12	-	6	-
Leptospirosis-----	-	2	3	-	-	-
Malaria-----	1	108	28	-	92	7
Measles-----	2,142	142	1,781	1	416	79
Meningococcal infections-----	9	7	41	2	8	22
Polio-myelitis, acute-----	67	57	31	-	13	18
Paralytic-----	67	43	31	-	-	2
Nonparalytic-----	-	14	-	-	-	4
Unspecified-----	-	-	-	-	13	12
Rabies in animals-----	-	-	62	-	-	-
Salmonellosis, paratyphoid fever-----	-	212	4	-	1	-
Scarlet fever and streptococcal sore throat-----	83	50	1	-	-	1,542
Tetanus-----	-	2	155	-	10	-
Trichiniasis-----	-	2	-	-	-	-
Tuberculosis, all forms-----	775	585	5,246	5	755	210
Typhoid fever-----	7	-	74	-	8	-
Typhus fever, endemic (murine)-----	-	3	2	-	10	-
Venereal diseases:						
Chancroid-----	-	16	35	-	-	-
Gonorrhoea-----	241	338	5,544	25	1,778	-
Granuloma inguinale-----	-	-	7	-	-	-
Lymphogranuloma venereum-----	-	-	5	-	-	-
Syphilis, primary and secondary-----	-	10	4,688	7	876	-
Syphilis, other forms-----	18	145	-	111	-	-
Whooping cough (pertussis)-----	16	136	1,057	2	189	-

¹Includes Colon and Panama City.

²Includes Weil's disease.

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Table 6. CASES OF SPECIFIED DISEASES REPORTED IN CERTAIN STATES: UNITED STATES, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Ankylostomiasis (hookworm)	Chicken-pox	Erysipelas	Mononucleosis, infectious (glandular fever)	Mumps	Pneumonias	Rheumatic fever	Rubella (German measles)	Vincent's angina
	129	087	052	093	089	490-493, 763	400-402	086	070 pt.
UNITED STATES-----	18,024	316,228	428	1,469	197,196	17,739	3,642	96,417	663
NEW ENGLAND:									
Maine-----	**	5,067	**	**	4,017	566	24	4,413	**
New Hampshire-----	**	1,565	**	1	1,579	**	2	579	**
Vermont-----	**	3,642	**	5	5,057	**	**	**	**
Massachusetts-----	**	23,768	**	**	12,215	**	**	5,376	**
Rhode Island-----	**	1,618	**	1	1,582	71	**	322	**
Connecticut-----	105	10,471	28	224	9,252	1,206	**	10,888	**
MIDDLE ATLANTIC:									
New York-----	254	35,259	**	**	23,507	1,902	**	10,116	**
New Jersey-----	**	43,007	**	**	15,712	**	**	9,260	**
Pennsylvania-----	**	**	**	**	**	**	**	**	**
EAST NORTH CENTRAL:									
Ohio-----	**	18,492	**	12	16,102	**	120	8,253	13
Indiana-----	**	4,239	22	**	1,744	**	43	1,414	47
Illinois-----	**	17,976	176	43	7,512	2,849	335	3,544	56
Michigan-----	**	22,143	49	220	8,597	**	697	3,670	**
Wisconsin-----	**	37,576	**	**	15,205	**	129	3,962	**
WEST NORTH CENTRAL:									
Minnesota-----	**	2,745	15	597	**	**	235	**	13
Iowa-----	**	**	**	**	**	**	**	**	**
Missouri-----	**	2,770	**	32	1,113	139	119	**	**
North Dakota-----	**	1,566	8	**	147	**	92	**	**
South Dakota-----	**	110	1	**	38	4	**	**	**
Nebraska-----	**	539	1	5	466	**	**	**	**
Kansas-----	2	6,611	7	**	2,828	312	19	374	20
SOUTH ATLANTIC:									
Delaware-----	**	311	**	6	216	**	**	141	**
Maryland-----	**	3,260	1	13	2,802	**	95	1,461	5
District of Columbia-----	**	1,014	3	1	939	**	6	105	**
Virginia-----	**	2,987	2	40	1,767	**	**	**	15
West Virginia-----	**	2,684	**	**	1,537	**	77	556	**
North Carolina-----	**	**	**	**	**	**	**	**	**
South Carolina-----	**	**	**	**	**	643	147	**	**
Georgia-----	15,447	**	**	**	**	**	70	**	**
Florida-----	**	**	**	**	**	**	**	**	**
EAST SOUTH CENTRAL:									
Kentucky-----	133	2,324	4	8	1,776	786	37	660	35
Tennessee-----	31	2,167	19	122	2,061	2,558	164	596	41
Alabama-----	**	2,431	**	**	1,254	**	95	292	**
Mississippi-----	1,262	508	**	**	394	1,473	72	**	**
WEST SOUTH CENTRAL:									
Arkansas-----	4	2,353	**	17	1,757	**	56	1,703	**
Louisiana-----	774	641	3	**	355	**	80	276	**
Oklahoma-----	7	1,355	2	21	899	**	57	603	10
Texas-----	**	**	**	**	**	**	**	**	**
MOUNTAIN:									
Montana-----	**	**	**	1	1,821	**	20	1,886	**
Idaho-----	**	892	3	15	513	**	91	340	12
Wyoming-----	**	856	2	4	1,449	179	11	49	2
Colorado-----	**	3,807	8	**	2,685	1,192	154	574	104
New Mexico-----	**	1,127	1	1	415	518	22	640	**
Arizona-----	**	**	**	**	**	**	24	**	**
Utah-----	**	3,741	1	3	1,882	**	47	4,004	1
Nevada-----	**	189	**	**	31	**	**	14	**
PACIFIC:									
Washington-----	**	9,439	17	83	10,921	**	79	3,776	289
Oregon-----	5	105	55	**	**	1,144	151	2,447	**
California-----	**	35,073	**	**	35,049	2,197	272	14,323	**

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; 2 asterisks [**]: no report made by State; 3 dashes [---]: data not available.