

Weekly Morbidity Report

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STATISTICS SECTION

Reported Incidence of Notifiable Diseases in the United States, 1951

In this annual summary of notifiable diseases for 1951, the list of diseases recently recommended for reporting on a National basis is used. Final figures for the number of reported cases were obtained from all States, Territories, and the District of Columbia, and are shown in the following tables.

The data for certain diseases such as dengue, infectious hepatitis, leptospirosis, Q fever, trichiniasis, tetanus, and trachoma, are incomplete since a number of States had not included one or more of them in their lists of reportable diseases in 1951. Other diseases, even though reportable for a number of years in all States, undoubtedly vary in completeness of reporting from State to State.

Trend in incidence

In table 1 the available data for 27 diseases are shown for a 10-year period, 1942-51, and for 7 diseases for a 5-year period, 1947-51, for the continental United States. The general trend in incidence of diphtheria, smallpox, and typhoid fever was downward in the 10 years from 1942 to 1951, inclusive. For each of these diseases, preventive or control measures of established value have been used for many years. The incidence of 2 arthropod-borne diseases, namely, malaria and endemic typhus fever, has also declined in the past decade. Except for the introduction of cases in 1951 among military personnel who obtained their infection in Korea, the decline in malaria has been remarkable. In recent years, the number of reported cases has been reduced further by the insistence on a laboratory examination of blood smears for confirmation of the diagnosis.

Other diseases such as measles, meningococcal infections, poliomyelitis, scarlet fever and streptococcal sore throat, and whooping cough, have shown fluctuations in incidence during the past decade. Except for whooping cough, there are no preventive measures of proved value, and until such are available, it is not to be expected that total incidence will decrease materially, and the usual cycles of high and low incidence will continue. However, mortality from measles, scarlet fever and streptococcal sore throat, and whooping cough has been declining steadily for many years. This downward trend in mortality is now favorably influenced by the use of antibiotics which are effective in the treatment of streptococcal infections and the complications of measles and whooping cough.

Distribution of reportable diseases by months

Table 2 shows the distribution of reportable diseases in the United States by months, except for cases of venereal diseases, which are shown by quarters. In their reports, 28 States indicated that cases had been tabulated by the month in which the reports were received in the office of the State health department. Five States, the District of Columbia, and New York City which reports directly to the National Office of Vital Statistics,

tabulated cases by month of receipt in the local health department. Six States allocated cases by date of report by the physician. Three States allocated some diseases by date of onset and the remainder in some other manner, and 1 State tabulated some diseases by date of report by the physician and the remainder by month of receipt of the report in the State health department. There were 5 States which did not specify how the tabulations were made.

Distribution of reportable diseases by States

In table 3, final total numbers of reported cases for 29 diseases are shown for each of the States and the District of Columbia. Table 4 shows cases of infrequently reported diseases by State. Table 5 contains data for the Territories, Possessions, and the Canal Zone.

The form on which total numbers were tabulated had one column for use in indicating the number of cases which were known to be confirmed by a laboratory examination or test. Such information was supplied by 15 States. The number of diseases for which such information was tabulated varied from 1 to 14 in the 15 States. Failure of States to supply such data should not be construed as an indication that laboratory tests were not used by physicians as a means of confirming the diagnosis of some diseases, but that such information was not available in the office of the State health department. The diseases for which such information was most often tabulated were: brucellosis, diphtheria, malaria, paratyphoid fever (salmonellosis), bacillary dysentery (shigellosis), tularemia, typhoid fever, and rabies in animals.

The tabulations submitted by the States, which showed the numbers of cases of venereal diseases, in many instances varied widely from those submitted quarterly to the Division of Venereal Diseases of the Public Health Service. For some States, it appeared that previously untreated cases were given in one report, and previously unreported cases in the other. Cases reported from military establishments apparently were included in one report and not in the other. Because of these, and possibly other discrepancies in reports sent to two divisions of the Public Health Service, it was agreed that the venereal disease figures appearing in this summary would be those submitted to the Division of Venereal Diseases. More specific definitions of what should be reported as venereal disease cases will be prepared and will accompany the forms sent to States for tabulating final figures for the year 1952.

All States furnished, as a part of their annual summaries of notifiable diseases, tabulations showing the distribution of cases by county of residence. These data are not being published, but will be available to Federal, State, and certain nonofficial agencies that may require them in epidemiological research projects.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; 3 dashes [---]: data not available.

TABLE 1. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, 1942-51

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

DISEASE	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
Amebiasis-----046	3,550	4,568	5,543	4,871	3,365	4,093	3,412	3,241	3,329	2,721
Anthrax-----062	60	49	54	60	69	40	40	49	72	94
Botulism-----049.1	33	20	24	39	44	---	---	---	---	---
Brucellosis (undulant fever)-----044	3,139	3,510	4,235	4,991	6,321	5,887	5,049	4,436	3,733	3,228
Dysentery-----090	16	26	46	24	35	40	106	61	123	171
Diphtheria-----055	3,983	5,796	7,969	9,493	12,262	16,354	18,675	14,150	14,811	16,260
Dysentery, bacillary-----045	32,215	23,367	29,080	23,752	17,048	24,286	34,943	38,230	31,590	25,572
Encephalitis, acute infectious-----082	1,123	1,135	903	730	785	728	785	788	771	666
Hepatitis, infectious-----092	7,349	2,820	2,027	709	1,092	---	---	---	---	---
Leptospirosis-----060	57	44	41	63	56	43	40	37	35	70
Malaria-----072	3	30	17	18	14	---	---	---	---	---
Measles-----110-117	5,600	2,184	4,151	9,606	15,116	48,610	62,763	57,626	54,554	60,077
Meningococcal infections-----085	530,118	319,214	625,281	615,104	222,375	695,843	146,013	630,291	633,627	547,413
Paratyphoid fever-----057	4,164	3,788	3,519	3,376	3,420	5,693	8,208	16,312	18,223	3,823
Scarlet fever-----041	1,773	1,233	1,243	882	951	723	649	712	731	504
Shigellosis-----058	1	3	3	-	1	-	-	1	1	1
Poliomyelitis, acute-----080	28,386	33,300	42,033	27,726	10,827	25,698	13,624	19,029	12,450	4,167
Psittacosis and ornithosis-----096.2	25	26	35	32	27	26	27	6	1	23
Q fever-----108(pt)	8	-	2	1	-	---	---	---	---	---
Rabies in man ¹ -----094	18	18	10	24	26	34	43	56	47	36
Rabies in animals ² -----	7,273	7,901	7,587	8,495	8,920	10,850	9,928	10,487	9,649	7,137
Rocky Mountain spotted fever-----104A	347	464	570	547	596	587	472	470	473	498
Scarlet fever and streptococcal sore throat-----050,051	84,151	64,494	87,220	91,295	93,595	125,511	185,570	200,539	150,362	135,755
Smallpox-----084	11	39	49	57	176	337	346	397	765	865
Tetanus-----061	506	486	579	601	560	---	---	---	---	---
Typhoid fever-----095	2,916	1,584	1,475	2,565	1,540	---	---	---	---	---
Typhoid fever-----128	393	327	353	487	451	---	---	---	---	---
Tuberculosis, all forms-----001-019	118,491	121,742	134,865	137,006	134,946	119,256	114,931	126,294	120,253	117,204
Ulceremia-----059	702	927	1,179	1,086	1,401	1,355	900	781	966	1,024
Typhoid fever-----040	2,128	2,484	2,795	2,840	3,075	3,268	4,211	4,599	4,690	5,595
Yersinia fever, endemic (murine)-----101	378	685	985	1,171	2,050	3,365	5,193	5,401	4,528	3,736
Veneral diseases: ³										
Gonorrhoea-----030-034	254,057	286,746	317,950	345,501	380,666	415,855	313,363	288,020	290,455	243,555
Syphilis-----020-029	174,924	217,558	256,463	314,313	355,592	385,524	351,767	402,251	518,094	550,536
Other specified venereal diseases-----036-038	6,885	8,187	11,034	12,559	14,371	13,461	10,261	10,884	13,767	10,477
Whooping cough (pertussis)-----056	66,687	120,718	69,479	74,715	156,517	109,860	133,792	109,873	191,890	191,383

¹Data for 1942-50 represent registered deaths.²Data for 1942-50 from the Bureau of Animal Industry, Department of Agriculture.³Data from the Division of Venereal Disease, Public Health Service.

TABLE 2. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES BY MONTH: UNITED STATES, 1951

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

DISEASE	Total	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Amebiasis-----046	3,550	247	226	275	322	335	296	277	352	276	331	261	352
Anthrax-----062	60	7	4	9	4	8	4	1	9	2	5	5	2
Botulism-----049.1	33	5	7	3	1	2	2	3	-	1	6	-	3
Brucellosis (undulant fever)-----044	¹ 3,139	190	178	237	214	281	315	282	274	241	242	200	197
Cholera-----043	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue-----090	16	-	-	1	1	-	-	2	4	4	2	-	2
Diphtheria-----055	¹ 3,983	408	381	370	251	241	218	169	232	366	480	474	388
Dysentery, bacillary-----045	¹ 32,215	3,085	1,264	1,302	1,555	2,445	4,111	3,548	3,084	2,484	2,463	2,901	3,971
Encephalitis, acute infectious-----082	1,123	51	66	89	76	107	89	96	133	135	110	80	91
Hepatitis, infectious-----092	7,349	427	523	555	550	646	487	439	354	399	625	947	1,397
Leprosy-----060	57	3	3	11	5	6	5	7	3	1	7	2	4
Leptospirosis-----072	9	1	2	-	-	1	-	-	3	1	-	-	1
Malaria-----110-117	¹ 5,600	72	32	105	50	82	200	449	763	800	664	429	176
Measles-----085	¹ 530,118	40,137	57,821	82,553	98,672	105,182	58,983	27,065	8,938	4,111	7,696	12,406	26,492
Meningococcal infections-----057	4,164	469	457	473	424	322	291	290	236	217	300	292	393
Paratyphoid fever-----041	1,773	144	161	73	78	103	90	104	247	217	189	166	201
Plague-----058	1	1	-	-	-	-	-	-	-	-	-	-	-
Polioomyelitis, acute-----080	28,386	650	348	232	256	351	972	3,088	7,420	6,802	4,406	2,371	1,490
Paralytic-----080.0,080.1	10,037	318	151	85	97	139	293	972	2,137	2,203	1,716	1,195	731
Nonparalytic-----080.2	5,470	104	48	30	32	41	149	705	1,802	1,325	763	300	171
Unspecified-----080.3	12,879	228	149	117	127	171	530	1,411	3,481	3,274	1,927	876	588
Psittacosis and ornithosis-----096.2	25	5	1	2	1	2	2	4	1	-	3	2	2
Q fever-----108(pt)	8	-	-	2	5	1	-	-	-	-	-	-	-
Rabies in man-----094	18	1	-	-	2	1	1	1	4	-	2	2	4
Rabies in animals-----	7,273	559	507	701	860	741	660	540	513	474	560	609	549
Rocky Mountain spotted fever-----104A	347	2	-	3	5	61	81	72	66	24	15	11	7
Scarlet fever and streptococcal sore throat-----050,051	¹ 84,151	10,972	11,172	12,084	10,223	9,019	5,273	3,049	2,802	2,586	4,141	5,395	6,979
Smallpox-----084	11	1	2	1	-	-	2	2	2	-	1	-	-
Tetanus-----061	506	27	25	44	35	45	44	57	64	50	49	39	27
Trachoma-----095	2,916	112	103	255	159	278	349	174	267	64	299	294	562
Trichiniasis-----128	393	18	35	14	40	58	43	27	30	25	40	36	27
Tuberculosis, all forms-----001-019	118,491	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia-----059	702	69	51	66	48	71	52	69	60	42	42	38	94
Typhoid fever-----040	2,128	152	83	134	99	156	180	238	296	272	222	160	136
Typhus fever, endemic (murine)-----101	378	26	25	19	20	31	43	54	43	37	31	14	35
Typhus fever, epidemic-----100	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow fever-----091	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal diseases: ²													
Chancroid-----036	4,233	-	1,273	-	-	1,018	-	-	916	-	-	1,026	-
Gonorrhoea-----030-034	254,057	-	62,628	-	-	62,415	-	-	68,916	-	-	60,098	-
Granuloma inguinale-----038	1,352	-	458	-	-	352	-	-	292	-	-	250	-
Lymphogranuloma venereum-----037	1,300	-	335	-	-	329	-	-	292	-	-	344	-
Syphilis, primary and secondary-----021.0-021.3	14,485	-	4,343	-	-	3,692	-	-	3,422	-	-	3,028	-
Syphilis, other forms-----020,021.4-029	160,439	-	42,915	-	-	43,724	-	-	36,653	-	-	37,147	-
Whooping cough (pertussis)-----056	¹ 68,687	7,780	6,271	6,683	5,827	6,795	6,627	5,138	4,906	4,415	4,367	4,900	4,920

¹Includes cases not allocated to month of onset.

²Data from the Division of Venereal Disease, Public Health Service. Reports received by quarters only.

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TABLE 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1951

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

AREA	Ame- biasis (046)	Anthrax (062)	Brucel- losis (044)	Diph- theria (055)	Dysentery, bacillary (045)	Encepha- litis, acute infectious (082)	Hepatitis, infectious (092)	MALARIA (110-117)	
								Acquired in United States or in place not stated	Acquired outside United States
UNITED STATES-----	3,550	60	3,139	3,983	32,215	1,123	7,349	1,158	4,442
NEW ENGLAND-----	26	6	86	120	83	54	144	2	248
Maine-----	-	-	4	21	7	5	21	-	5
New Hampshire-----	-	-	1	2	-	-	5	-	-
Vermont-----	-	-	45	-	-	-	-	-	-
Massachusetts-----	4	5	10	90	41	41	97	1	222
Rhode Island-----	3	-	4	1	-	4	2	-	3
Connecticut-----	19	1	22	6	35	4	19	1	18
MIDDLE ATLANTIC-----	905	39	180	235	353	352	1,127	42	434
New York-----	816	5	89	66	313	252	697	31	69
New Jersey-----	87	8	13	34	8	83	(*)	6	365
Pennsylvania-----	2	26	78	135	32	17	430	5	-
EAST NORTH CENTRAL-----	398	-	694	305	447	158	1,028	389	71
Ohio-----	6	-	23	125	43	1	366	22	21
Indiana-----	11	-	19	89	1	23	147	4	7
Illinois-----	192	-	445	28	176	21	148	5	-
Michigan-----	175	-	67	48	216	102	325	-	43
Wisconsin-----	14	-	140	15	11	11	42	358	-
WEST NORTH CENTRAL-----	80	1	1,150	250	376	82	1,351	44	33
Minnesota-----	44	-	189	74	364	12	146	2	25
Iowa-----	18	-	767	14	2	13	80	28	-
Missouri-----	4	1	67	92	10	11	988	3	2
North Dakota-----	2	-	20	20	-	19	96	10	-
South Dakota-----	-	-	32	9	-	16	-	-	-
Nebraska-----	3	-	10	19	-	2	-	-	4
Kansas-----	9	-	65	22	-	9	41	1	2
SOUTH ATLANTIC-----	220	6	272	1,152	522	69	1,247	54	2,136
Delaware-----	-	1	2	1	-	1	22	-	3
Maryland-----	13	-	39	37	158	9	301	-	32
District of Columbia-----	4	-	4	1	10	-	-	-	-
Virginia-----	4	-	81	194	16	21	151	3	284
West Virginia-----	-	-	13	91	-	2	23	-	13
North Carolina-----	96	-	28	373	58	9	(*)	12	70
South Carolina-----	-	-	11	199	-	-	5	23	452
Georgia-----	15	-	84	190	233	10	699	11	1,264
Florida-----	88	5	10	66	47	17	46	5	18
EAST SOUTH CENTRAL-----	298	1	183	728	84	121	1,276	12	228
Kentucky-----	-	1	17	148	-	16	112	2	-
Tennessee-----	90	-	44	155	84	41	1,128	7	120
Alabama-----	31	-	55	301	-	38	-	2	63
Mississippi-----	177	-	67	124	-	26	36	1	45
WEST SOUTH CENTRAL-----	669	1	279	788	27,768	98	104	565	576
Arkansas-----	79	1	37	96	294	5	31	1	189
Louisiana-----	155	-	48	93	11	9	(*)	8	7
Oklahoma-----	24	-	71	103	263	21	73	44	376
Texas-----	411	-	123	496	27,200	63	(*)	512	4
MOUNTAIN-----	208	-	124	158	1,923	31	545	36	385
Montana-----	-	-	9	26	-	5	21	3	-
Idaho-----	6	-	30	7	-	3	20	9	-
Wyoming-----	-	-	8	5	-	3	5	-	1
Colorado-----	2	-	39	37	54	3	114	-	347
New Mexico-----	38	-	-	27	-	2	8	-	3
Arizona-----	144	-	8	50	1,866	12	1,274	3	34
Utah-----	18	-	27	5	3	2	93	15	-
Nevada-----	-	-	3	1	-	1	10	6	-
PACIFIC-----	746	6	171	247	659	158	527	14	331
Washington-----	13	-	62	31	7	9	96	-	79
Oregon-----	207	-	9	56	-	4	114	8	-
California-----	526	6	100	160	652	145	317	6	252

¹Includes 260 cases reported from a Navaajo boarding school.

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TABLE 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1951—Continued

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

AREA	Measles (085)	Meningo- coccal infections (057)	Para- typhoid fever (041)	POLIOMYELITIS, ACUTE			Rabies in man (094)	Rabies in animals	
				Total (080)	Paralytic (080.0,080.1)	Non- paralytic (080.2)			Unspeci- fied (080.3)
UNITED STATES-----	530,118	4,164	1,773	28,386	10,037	5,470	12,879	18	7,273
NEW ENGLAND-----	32,844	195	140	742	280	393	69	-	1
Maine-----	2,662	24	18	49	21	26	2	-	1
New Hampshire-----	1,642	23	-	58	13	25	20	-	-
Vermont-----	4,607	9	-	29	-	3	26	-	-
Massachusetts-----	16,728	76	91	288	113	175	-	-	-
Rhode Island-----	1,278	16	7	15	-	-	15	-	-
Connecticut-----	5,927	47	24	303	133	164	6	-	-
MIDDLE ATLANTIC-----	97,584	607	142	2,915	1,364	346	1,205	1	538
New York-----	39,557	260	77	1,595	492	346	757	1	538
New Jersey-----	22,346	104	6	448	-	-	448	-	-
Pennsylvania-----	35,681	243	59	872	872	-	-	-	-
EAST NORTH CENTRAL-----	96,976	764	331	6,073	1,502	1,839	2,732	3	1,036
Ohio-----	24,553	283	21	1,147	-	-	1,147	1	198
Indiana-----	4,548	25	-	371	132	82	157	2	492
Illinois-----	18,164	219	204	1,699	893	786	20	-	190
Michigan-----	15,227	138	105	1,463	477	971	15	-	128
Wisconsin-----	34,484	99	1	1,393	-	-	1,393	-	28
WEST NORTH CENTRAL-----	28,282	309	54	3,245	781	324	2,140	2	1,304
Minnesota-----	2,841	82	47	617	326	279	12	-	246
Iowa-----	2,808	54	5	465	-	-	465	1	404
Missouri-----	7,648	95	2	717	358	21	338	1	507
North Dakota-----	2,726	17	-	95	-	-	95	-	106
South Dakota-----	731	5	-	127	-	-	127	-	-
Nebraska-----	643	14	-	435	-	-	435	-	27
Kansas-----	10,885	42	-	789	97	24	668	-	14
SOUTH ATLANTIC-----	42,753	692	249	2,222	1,029	287	906	4	1,013
Delaware-----	691	8	7	14	-	-	14	-	-
Maryland-----	7,357	55	14	148	78	70	-	-	-
District of Columbia-----	1,735	17	14	66	28	38	-	-	-
Virginia-----	14,510	121	13	267	126	115	26	-	223
West Virginia-----	4,548	92	2	299	299	-	-	-	92
North Carolina-----	3,315	151	5	314	-	-	314	1	(*)
South Carolina-----	755	54	-	122	-	-	122	2	350
Georgia-----	7,411	102	82	630	498	64	68	1	337
Florida-----	2,431	92	112	362	-	-	362	-	11
EAST SOUTH CENTRAL-----	17,157	499	78	2,455	576	233	1,646	5	1,368
Kentucky-----	8,881	144	55	323	118	42	163	-	583
Tennessee-----	2,855	162	23	707	-	-	707	1	355
Alabama-----	3,344	133	-	693	-	-	693	2	273
Mississippi-----	2,077	60	-	732	458	191	83	2	157
WEST SOUTH CENTRAL-----	83,632	541	74	4,063	890	426	2,747	3	1,901
Arkansas-----	7,640	52	7	466	251	108	107	1	165
Louisiana-----	2,173	56	18	867	578	289	-	1	240
Oklahoma-----	8,000	77	11	670	61	29	580	-	123
Texas-----	65,819	356	38	2,060	-	-	2,060	1	1,373
MOUNTAIN-----	35,992	117	42	2,623	965	538	1,120	-	37
Montana-----	2,634	17	-	136	72	20	44	-	13
Idaho-----	2,256	4	-	144	-	-	144	-	-
Wyoming-----	2,219	4	-	213	150	47	16	-	1
Colorado-----	12,471	55	29	1,065	423	385	257	-	5
New Mexico-----	2,180	10	-	143	90	18	35	-	4
Arizona-----	10,779	9	9	292	-	-	292	-	14
Utah-----	2,522	14	3	585	230	68	287	-	-
Nevada-----	931	4	1	45	-	-	45	-	-
PACIFIC-----	94,898	440	663	4,048	2,650	1,084	314	-	75
Washington-----	18,656	72	99	447	109	86	252	-	21
Oregon-----	9,690	55	24	373	256	85	32	-	-
California-----	66,552	313	540	3,228	2,285	913	30	-	54

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TABLE 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1951—Continued

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

AREA	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Smallpox (084)	Tetanus (061)	Trachoma (095)	Trichiniasis (128)	Tuberculosis, all forms (001-019)	Tularemia (059)	Typhoid fever (040)
UNITED STATES-----	347	84,151	11	506	2,916	393	118,491	702	2,128
NEW ENGLAND-----	-	6,562	-	22	2	60	5,122	5	49
Maine-----	-	599	-	1	-	1	450	-	9
New Hampshire-----	-	462	-	-	-	-	207	-	2
Vermont-----	-	150	-	-	-	-	263	-	4
Massachusetts-----	-	4,094	-	14	2	24	2,293	1	21
Rhode Island-----	-	253	-	1	-	4	394	3	3
Connecticut-----	-	1,004	-	6	-	31	1,515	1	10
MIDDLE ATLANTIC-----	26	12,263	-	46	2	250	21,595	14	315
New York-----	9	6,741	-	36	2	190	12,129	8	96
New Jersey-----	10	1,793	-	10	-	46	3,246	2	33
Pennsylvania-----	7	3,729	-	-	-	14	6,220	4	186
EAST NORTH CENTRAL-----	14	21,265	1	60	8	26	24,182	93	213
Ohio-----	3	5,728	-	8	-	10	7,351	4	74
Indiana-----	4	1,565	-	10	-	5	2,032	4	33
Illinois-----	6	3,031	-	22	6	4	6,949	74	57
Michigan-----	1	8,715	-	17	1	7	6,144	6	33
Wisconsin-----	-	2,226	1	3	1	-	1,706	5	16
WEST NORTH CENTRAL-----	4	4,035	4	27	2,382	2	7,033	61	141
Minnesota-----	1	1,090	-	11	4	1	2,208	13	13
Iowa-----	1	475	-	1	-	1	829	1	31
Missouri-----	-	989	2	6	2,283	-	2,658	34	69
North Dakota-----	-	137	-	-	18	-	218	1	5
South Dakota-----	-	158	1	-	77	-	261	-	7
Nebraska-----	1	193	1	1	-	-	297	1	4
Kansas-----	1	993	-	8	-	-	562	11	12
SOUTH ATLANTIC-----	189	10,646	-	116	125	7	19,943	148	305
Delaware-----	2	90	-	-	-	-	273	-	-
Maryland-----	43	917	-	8	-	6	2,687	12	25
District of Columbia-----	2	452	-	8	-	-	1,907	-	3
Virginia-----	63	4,810	-	8	-	-	3,804	40	61
West Virginia-----	3	699	-	1	125	-	1,806	2	41
North Carolina-----	61	2,265	-	(*)	-	-	3,106	17	44
South Carolina-----	5	245	-	11	-	-	1,268	11	44
Georgia-----	8	712	-	46	-	-	2,502	60	64
Florida-----	2	456	-	34	-	1	2,590	6	23
EAST SOUTH CENTRAL-----	30	3,281	2	103	4	1	11,086	62	383
Kentucky-----	4	1,052	1	1	2	-	3,429	12	102
Tennessee-----	17	1,695	-	31	2	1	3,552	18	128
Alabama-----	3	368	1	48	-	-	2,661	5	74
Mississippi-----	6	166	-	23	-	-	1,444	27	79
WEST SOUTH CENTRAL-----	12	5,103	-	67	129	1	10,991	229	465
Arkansas-----	3	2,049	-	21	25	-	2,174	100	82
Louisiana-----	1	258	-	31	-	1	2,639	13	97
Oklahoma-----	7	1,028	-	15	52	-	1,763	52	53
Texas-----	1	² 1,768	-	-	52	-	4,415	64	233
MOUNTAIN-----	63	8,988	4	8	240	-	7,302	77	139
Montana-----	11	488	-	1	10	-	320	16	10
Idaho-----	9	1,152	-	4	2	-	237	4	22
Wyoming-----	16	33	1	-	1	-	91	26	4
Colorado-----	8	579	-	-	3	-	1,669	1	18
New Mexico-----	-	146	-	2	27	-	767	2	54
Arizona-----	1	4,281	2	1	193	-	3,772	-	28
Utah-----	17	1,826	-	-	-	-	231	27	3
Nevada-----	1	483	1	-	4	-	215	1	-
PACIFIC-----	9	12,008	-	57	24	46	11,237	13	118
Washington-----	-	2,284	-	4	4	5	2,046	-	18
Oregon-----	6	1,654	-	1	2	1	765	2	16
California-----	3	8,070	-	52	18	40	8,426	11	84

²Scarlet fever only

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TABLE 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1951—Continued

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

AREA	Typhus fever, endemic (murine) (101)	VENEREAL DISEASES ^a							Whooping cough (pertussis) (056)
		Chan-croid (036)	Gonorrhea (030-034)	Granu- loma ingui- nale (038)	Lympho- granuloma venereum (037)	Syphilis			
						Total (021- 029)	Primary and secondary (021.0-021.3)	Other (020,021.4-029)	
UNITED STATES-----	378	4,233	254,057	1,352	1,300	174,924	14,485	160,439	68,687
NEW ENGLAND-----	1	23	2,628	1	10	3,885	393	3,492	5,739
Maine-----	-	3	190	-	-	275	57	218	979
New Hampshire-----	1	-	61	-	2	145	10	135	353
Vermont-----	-	-	130	-	-	161	35	126	816
Massachusetts-----	-	12	1,372	1	3	1,970	223	1,747	2,520
Rhode Island-----	-	-	185	-	1	484	14	470	509
Connecticut-----	-	8	692	-	4	850	54	796	562
MIDDLE ATLANTIC-----	5	237	28,877	110	201	35,543	1,610	33,933	9,706
New York-----	3	185	16,677	80	168	26,035	958	25,077	3,655
New Jersey-----	-	14	3,559	8	9	4,018	228	3,790	3,021
Pennsylvania-----	2	38	8,641	22	24	5,490	424	5,066	3,030
EAST NORTH CENTRAL-----	4	709	40,011	54	97	31,890	2,285	29,605	10,633
Ohio-----	2	79	8,156	22	16	10,991	552	10,439	2,127
Indiana-----	-	21	2,136	1	6	3,054	251	2,803	1,053
Illinois-----	1	416	20,380	16	56	9,419	892	8,527	1,452
Michigan-----	-	187	8,516	12	18	6,588	431	6,157	3,156
Wisconsin-----	1	6	823	3	1	1,838	159	1,679	2,845
WEST NORTH CENTRAL-----	-	86	7,866	13	22	10,867	938	9,929	3,306
Minnesota-----	-	1	613	-	-	573	43	530	357
Iowa-----	-	2	656	2	-	1,719	197	1,522	494
Missouri-----	-	67	4,401	10	17	5,170	407	4,763	652
North Dakota-----	-	-	120	-	-	183	27	156	232
South Dakota-----	-	-	268	-	-	176	20	156	103
Nebraska-----	-	6	601	-	-	747	45	702	137
Kansas-----	-	10	1,207	1	5	2,299	199	2,100	1,331
SOUTH ATLANTIC-----	122	1,818	77,551	816	490	37,499	4,482	33,017	8,983
Delaware-----	-	2	233	-	-	479	43	436	65
Maryland-----	-	219	7,311	32	30	3,843	312	3,531	419
District of Columbia-----	-	254	11,672	36	85	3,256	50	3,206	210
Virginia-----	3	105	8,986	33	77	5,125	670	4,455	2,050
West Virginia-----	-	9	2,554	-	-	2,618	293	2,325	1,927
North Carolina-----	19	224	14,060	55	71	4,003	674	3,329	1,961
South Carolina-----	22	55	6,914	64	20	3,593	380	3,213	239
Georgia-----	58	651	13,309	186	172	5,173	964	4,209	1,192
Florida-----	20	299	12,512	410	35	9,409	1,096	8,313	920
EAST SOUTH CENTRAL-----	46	380	35,490	120	196	17,952	1,717	16,235	4,337
Kentucky-----	3	20	3,529	3	23	2,437	256	2,181	1,366
Tennessee-----	15	105	18,522	33	44	5,158	459	4,699	1,119
Alabama-----	12	126	3,152	33	50	4,073	508	3,565	1,278
Mississippi-----	16	119	10,287	51	79	6,284	494	5,790	574
WEST SOUTH CENTRAL-----	187	506	38,311	206	184	23,458	1,751	21,707	16,718
Arkansas-----	1	41	2,654	25	35	4,408	269	4,139	1,601
Louisiana-----	22	271	8,494	143	91	8,425	531	7,894	199
Oklahoma-----	-	36	4,915	5	7	2,807	166	2,641	1,115
Texas-----	164	158	22,248	33	51	7,818	785	7,033	13,803
MOUNTAIN-----	1	27	3,677	10	4	3,903	461	3,442	5,117
Montana-----	1	-	138	-	-	169	21	148	481
Idaho-----	-	11	346	1	-	288	22	266	292
Wyoming-----	-	-	99	-	-	169	20	149	417
Colorado-----	-	7	938	1	-	659	98	561	940
New Mexico-----	-	1	561	-	2	713	69	644	868
Arizona-----	-	5	1,310	6	-	1,463	188	1,275	1,872
Utah-----	-	1	119	-	1	114	15	99	188
Nevada-----	-	2	166	2	1	328	28	300	59
PACIFIC-----	12	447	19,646	22	96	9,927	848	9,079	4,148
Washington-----	-	107	1,801	3	6	594	71	523	661
Oregon-----	-	22	714	1	2	382	44	338	292
California-----	12	318	17,131	18	88	8,951	733	8,218	3,195

^aData from the Division of Venereal Disease, Public Health Service.

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TABLE 4. CASES OF INFREQUENTLY REPORTED NOTIFIABLE DISEASES BY STATE: UNITED STATES, 1951
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

STATES REPORTING CASES	Botulism (049.1)	Dengue (090)	Leprosy (060)	Leptospi- rosis (072)	Plague (058)	Psittacosis and ornithosis (096.2)	Q fever (108 pt.)
Arkansas-----	(*)	1	-	(*)	-	-	(*)
Arizona-----	1	-	1	-	-	-	-
California-----	12	-	14	1	-	6	(¹)
Colorado-----	1	-	-	-	-	-	-
Connecticut-----	-	(*)	1	-	-	1	-
District of Columbia-----	-	-	1	-	-	-	-
Florida-----	-	1	2	1	-	-	-
Georgia-----	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	8
Illinois-----	-	-	-	-	-	6	-
Indiana-----	-	-	-	-	-	2	-
Kentucky-----	3	-	-	-	-	-	-
Louisiana-----	-	-	8	2	-	-	(*)
Maryland-----	-	-	-	3	-	-	-
Minnesota-----	-	-	1	-	-	1	-
Montana-----	2	-	-	-	-	-	-
New Jersey-----	12	(*)	-	(*)	-	-	(*)
New Mexico-----	-	-	-	-	1	-	-
New York-----	-	(*)	7	-	-	5	(*)
Ohio-----	-	-	2	1	-	-	-
Pennsylvania-----	-	-	-	-	-	3	-
Tennessee-----	-	-	-	1	-	-	-
Texas-----	-	14	19	-	-	-	-
Washington-----	2	-	-	-	-	-	-
Wisconsin-----	-	-	-	-	-	1	-

¹Q fever is not reportable in California, but laboratory tests in a special study proved 79 cases.

TABLE 5. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: TERRITORIES, POSSESSIONS,
AND THE CANAL ZONE, 1951

(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	Virgin Islands	Canal Zone
Amebiasis-----	-	10	-	-	38
Anthrax-----	-	-	1	-	-
Brucellosis (undulant fever)-----	12	5	4	-	(*)
Diphtheria-----	-	3	493	-	24
Dysentery, bacillary-----	-	75	184	-	28
Encephalitis, acute infectious-----	-	1	-	-	1
Hepatitis, infectious-----	132	5	1	-	17
Leprosy-----	-	23	14	1	2
Leptospirosis-----	-	1	20	-	-
Malaria-----	-	58	88	1	187
Measles-----	1,565	8,083	3,587	146	57
Meningococcal infections-----	7	2	5	-	4
Paratyphoid fever-----	-	31	10	-	-
Poliomyelitis, paralytic-----	-	19	89	-	-
Poliomyelitis, unspecified-----	33	-	-	-	32
Rabies in animals-----	-	-	73	-	-
Scarlet fever and streptococcal sore throat-----	63	143	-	-	5
Tetanus-----	-	4	144	-	9
Tuberculosis, all forms-----	589	551	6,075	8	583
Typhoid fever-----	-	-	89	-	11
Typhus fever, endemic (murine)-----	-	5	10	-	2
Veneral diseases:					
Chancroid-----	2	34	40	1	-
Gonorrhea-----	445	588	6,706	53	1,080
Granuloma inguinale-----	-	-	15	-	-
Syphilis, primary and secondary-----	9	20	382	18	} 534
Syphilis, other forms-----	82	256	7,007	862	
Whooping cough (pertussis)-----	72	10	674	64	17