

Morbidity and Mortality

Weekly
Report



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Reported Incidence of Notifiable Diseases in the United States, 1952

This annual summary of notifiable diseases for 1952 contains the final figures supplied by the health authorities of the various States, the District of Columbia, the Territories, certain possessions, and the Canal Zone.

Beginning January 1, 1952, revised morbidity reporting procedures, approved by the Association of State and Territorial Health Officers, became effective. A few States were not able to change all of their reporting requirements to conform with the procedures agreed upon, since legislative action was required before additional diseases could be added to their lists of reportable diseases.

Trends in incidence

Since morbidity figures for any one year usually have little significance unless compared with the preceding years, the numbers of cases reported in a 10-year period for the country as a whole are shown in table 1.

For many years the incidence of diphtheria has been declining and 1952 was no exception. Whooping cough, another disease against which an active immunizing agent is used, again declined. On the other hand, smallpox showed a slight increase in cases reported. There is reason to believe that some of the 21 cases reported in 1952 could not be considered as verified cases if generally accepted criteria for diagnosis of smallpox were rigidly applied.

For the first time in more than a decade the number of cases of typhoid fever failed to decline. However, the increase in the number amounted to only about 10 percent over the number reported in 1951.

Malaria in both civilians and military personnel was reported in larger numbers in 1952 as compared with 1951. This was almost entirely the result of infections originating in Korea. Indigenous malaria in civilians was proven in a comparatively few instances. One group of such cases occurred in teen-age girls attending a summer camp. Nine cases were reported a few weeks after the girls left the camp site, and a much larger number came to light later indicating a long latent period which was characteristic of the disease in military personnel. Infection in these teen-age girls apparently had its origin in a Korean veteran who had a clinical attack of malaria while visiting in the area where the camp was located.

Meningococcal infections again increased in number in 1952 as it has each year since 1948. Streptococcal infections of the throat including scarlet fever ran about 30 percent over the previous year.

There was an unusually large number of cases of psittacosis reported, 135 as compared with an average of 29 cases in the previous 5 years. Nearly one-half of these cases occurred in 1 State where there were two outbreaks of the disease among workers in a poultry processing plant. Even without these cases, the number, whose principal source of infection was psittacine birds, was more than twice the average for the previous 5-year period.

The numbers of cases of poliomyelitis and infectious encephalitis reported in 1952 were also greater. A more detailed discussion of these diseases appears in another part of this summary.

The number of cases of paratyphoid fever, which includes all salmonella infections except those due to *S. typhosus*, increased nearly 50 percent over the previous year. This is a

continuation of the upward trend over the past few years. How much of this increase is due to more complete reporting and increasing use of laboratory examinations in differential diagnosis of gastro-enteritis, is unknown.

The number of cases of infectious hepatitis reported was more than double the number for 1951. Part of this increase is undoubtedly due to the fact that reporting of the disease has become more complete and that a larger number of States are reporting the disease.

The reported cases of tuberculosis declined about 7 percent. A portion of this decline is due to the change in tuberculosis morbidity reporting rules initiated as of January 1, 1952. As in previous years, the total includes some cases of arrested tuberculosis but the large majority are active cases. The data used in compiling this report are those submitted by States to the Division of Chronic Disease and Tuberculosis and to the National Office of Vital Statistics. In a few instances in which the two reports did not agree, the latest report received by either Division of the Public Health Service was used. However, in all instances they were official reports from States.

The total number of cases of venereal diseases declined, especially syphilis. The data shown in the tables include cases reported from military establishments located in the States, Territories, certain possessions, and the Canal Zone.

Distribution of notifiable diseases by months

Table 2 shows the monthly distribution of the notifiable diseases reported in the United States, except for the venereal diseases which are shown by quarters. For the most part the cases have been allocated to the month in which the reports were received in the office of the State health department. As in 1951, very few of the States tabulated diseases by month of onset.

Geographic distribution of certain notifiable diseases

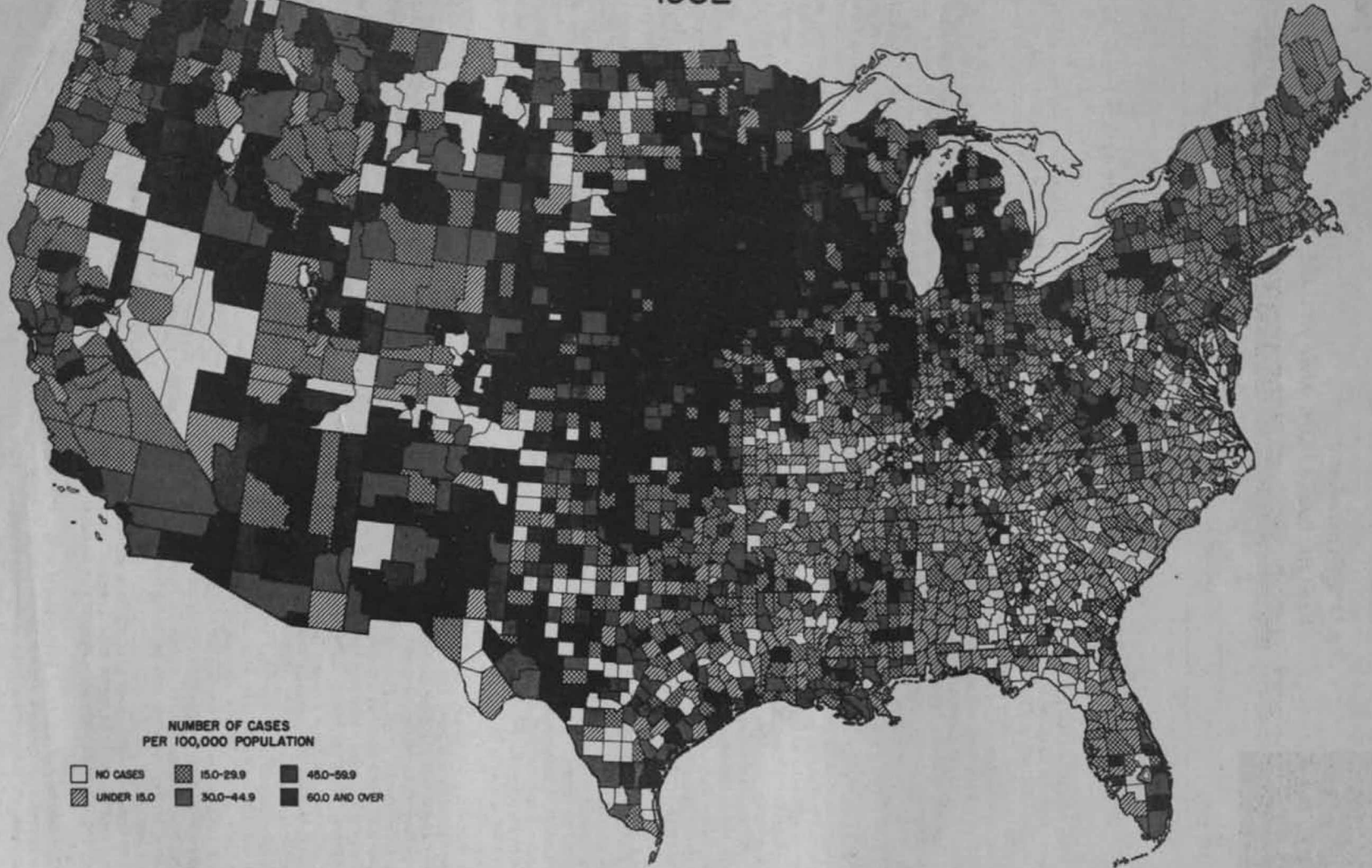
In table 3, final total numbers of reported cases of 29 diseases are shown for each State and the District of Columbia. Table 4 shows cases of diseases with a low frequency and table 5 contains data for the Territories, certain possessions, and the Canal Zone.

With few exceptions, the distribution of diseases by geographic divisions or States was not greatly different from that of previous years.

The incidence of poliomyelitis was highest in the North Central and Mountain Divisions and in Texas, as shown in the accompanying map. While Minnesota, California, Illinois, Texas, and Michigan reported the largest numbers of cases, the States having the highest incidence rates per 100,000 population were confined to the West North Central States. Nebraska had a rate of 163.9; South Dakota, 153.2; Minnesota, 136.7; Iowa, 134.7; and Kansas, 85.8. Nine other States had rates in excess of 50 per 100,000 population.

As shown in table 3, 37 percent of all cases of poliomyelitis reported were classified as paralytic, 22 percent were non-paralytic, and the remainder were unclassified as to type. It is not known whether the ratio of paralytic to nonparalytic in the unspecified group is the same as in the group which were classified, where the ratio was 61 to 39. There was a wide difference in States reporting by type, some classifying all but a few cases, and some none at all.

DISTRIBUTION OF POLIOMYELITIS IN THE UNITED STATES 1952

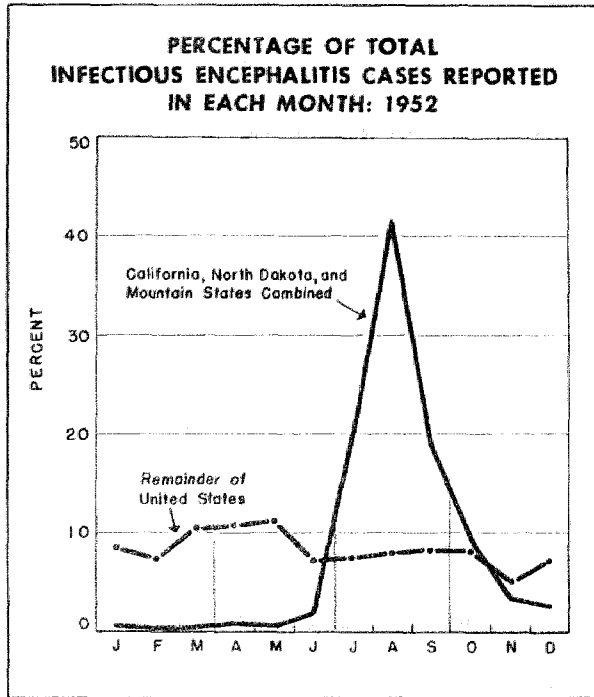


NUMBER OF CASES
PER 100,000 POPULATION

- NO CASES
- ▨ UNDER 15.0
- ▩ 15.0-29.9
- 30.0-44.9
- 45.0-59.9
- 60.0 AND OVER

There was an increase in the number of cases of infectious encephalitis reported in 1952 which was almost entirely due to an extensive outbreak of arthropod-borne type of infection in the central valleys of California. The total number reported in California was 808, 80 percent of which were in July, August, and September. Laboratory examinations revealed that western equine and St. Louis types of infection were present, but the former predominated. North Dakota also showed a concentration of cases in the summer months. Of the 43 cases reported in 1952, 35 were in the months of July, August, and September. In the Mountain States there were 61 cases, 29 being reported in August and September. It is also significant that the U. S. Department of Agriculture reported a relatively high incidence of equine encephalomyelitis in the Mountain and Pacific States in 1952.

39 diseases and the numbers of cases for which the diagnosis was confirmed by a laboratory test. In the table below, 13 diseases are listed for which such tests are generally regarded as necessary or desirable for confirmation of diagnosis. In one column the number of States reporting is shown and the percentage of cases confirmed in these States is shown in another column. In 1951 about one-third (31 percent) of the States reported on one or more diseases, and in 1952 nearly two-thirds (60 percent) reported. Two States which reported in 1951 did not do so in 1952.



Cases of encephalitis in the remainder of the country were more evenly distributed throughout the year. The difference in seasonal distribution between (a) California, North Dakota, and the Mountain States and (b) the remaining parts of the United States is shown in the accompanying chart. Except for the three areas with a concentration of cases in the late summer, many of those reported in other parts of the country probably were post-infectious types of encephalitis following measles, mumps, and other diseases. This suggestion is substantiated in part by the fact that a larger proportion are reported in the late winter and spring when measles and mumps are most prevalent.

Laboratory confirmation of certain notifiable diseases

For the past 2 years a form has been sent to the States with a request to tabulate the total numbers of cases reported for

NUMBER OF STATES REPORTING CONFIRMATIONS OF CERTAIN DISEASES AND PERCENT OF CASES CONFIRMED: UNITED STATES, 1951-52

DISEASE AND YEAR	Number of States reporting	Percent of cases confirmed
Amebiasis:		
1952-----	12	78.1
1951-----	5	42.7
Brucellosis (undulant fever):		
1952-----	24	78.1
1951-----	10	66.1
Diphtheria:		
1952-----	¹ 17	39.5
1951-----	10	44.6
Dysentery, bacillary (shigellosis):		
1952-----	17	13.9
1951-----	7	86.6
Encephalitis, infectious:		
1952-----	7	49.3
1951-----	3	32.1
Malaria:		
1952-----	17	88.1
1951-----	9	52.0
Meningococcal infections:		
1952-----	12	59.8
1951-----	5	55.6
Rabies in animals:		
1952-----	20	96.3
1951-----	13	89.2
Rocky Mountain spotted fever:		
1952-----	9	53.3
1951-----	16	61.9
Salmonellosis (paratyphoid fever):		
1952-----	¹ 23	75.8
1951-----	8	92.2
Tularemia:		
1952-----	16	76.5
1951-----	8	74.0
Typhoid fever:		
1952-----	27	69.7
1951-----	14	76.5
Typhus fever, endemic (murine):		
1952-----	8	47.0
1951-----	5	88.9

¹Includes the District of Columbia.

These tabulations indicate the number of cases for which information was available in certain State health departments. It is probable that other cases were confirmed by laboratory tests, but the information was not available. Likewise, in States not reporting on any disease, a certain proportion of cases may have been confirmed by such tests, but lack of information at the State level precluded a tabulation.

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, 1943-52

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

DISEASE	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943
Amebiasis-----046	4,280	3,550	4,588	5,543	4,871	3,365	4,093	3,412	3,241	3,329
Anthrax-----062	47	50	49	54	50	69	40	40	49	72
Botulism-----049.1	18	33	20	24	39	44	---	---	---	---
Brucellosis (undulant fever)-----044	2,537	3,139	3,510	4,235	4,991	5,321	5,887	5,048	4,435	3,733
Dengue-----090	5	16	26	46	24	35	40	106	61	123
Diphtheria-----055	2,960	3,993	5,736	7,969	9,493	12,282	16,354	18,675	14,150	14,611
Dysentery, bacillary (shigellosis)-----045	23,197	32,215	23,357	29,080	23,753	17,048	24,286	34,945	38,230	31,590
Encephalitis, acute infectious-----092	1,912	1,123	1,135	903	730	785	728	785	788	771
Hepatitis, infectious-----092	17,428	7,349	2,820	2,027	709	1,092	---	---	---	---
Leprosy-----080	57	57	44	41	63	56	43	40	37	35
Leptospirosis-----072	62	9	30	17	18	14	---	---	---	---
Malaria-----110-117	7,023	5,600	2,184	4,151	9,606	15,116	48,610	62,763	57,626	54,554
Measles-----085	683,077	530,118	319,124	625,281	615,104	222,375	695,843	146,013	630,291	633,627
Meningococcal infections-----057	4,884	4,164	3,788	3,519	3,376	3,420	5,693	8,208	16,312	18,223
Plague-----058	-	1	3	3	-	1	-	-	1	1
Poliomyelitis, acute-----080	57,879	28,386	33,300	42,033	27,726	10,527	25,698	13,624	19,029	12,450
Psittacosis and ornithosis-----096.2	135	25	26	35	32	27	26	27	6	1
Q fever-----108(pt)	7	8	-	2	1	-	---	---	---	---
Rabies in man ¹ -----094	21	16	16	10	24	26	34	43	56	47
Rabies in animals ² -----	7,578	8,008	7,901	7,587	8,495	8,920	10,850	9,928	10,487	9,649
Rocky Mountain spotted fever-----104A	327	347	464	570	547	596	587	472	470	473
Salmonellosis (paratyphoid fever)-----041,042	2,596	1,773	1,233	1,243	882	951	723	649	712	731
Scarlet fever and streptococcal sore throat-----050,051	113,677	84,151	64,494	87,220	91,295	93,595	125,511	185,570	200,539	150,362
Smallpox-----084	21	11	39	49	57	178	337	346	397	765
Tetanus-----061	484	506	466	579	601	560	---	---	---	---
Trachoma-----095	3,088	2,916	1,584	1,475	2,565	1,540	---	---	---	---
Trichiniasis-----128	367	393	327	353	487	451	---	---	---	---
Tuberculosis, all forms-----001-019	109,837	118,491	121,742	134,865	137,006	134,946	119,256	114,931	126,294	120,253
Tularemia-----059	668	702	927	1,179	1,086	1,401	1,355	900	781	966
Typhoid fever-----040	2,341	2,128	2,484	2,795	2,840	3,075	3,268	4,211	4,599	4,690
Typhus fever, endemic (murine)-----101	205	378	685	985	1,171	2,050	3,365	5,193	5,401	4,528
Venereal diseases: ³										
Gonorrhoea-----030-034	244,342	254,057	286,746	317,950	345,501	380,666	415,855	313,363	288,020	290,455
Syphilis-----020-029	165,853	174,924	217,558	256,463	314,313	355,592	385,524	351,767	402,251	518,094
Other specified venereal diseases-----036-038	5,989	6,885	8,187	11,034	12,559	14,371	13,461	10,261	10,884	13,767
Whooping cough (pertussis)-----056	45,030	68,687	120,718	69,479	74,715	156,517	109,860	133,792	109,873	191,890

¹For 1943-50, figures represent registered deaths.²For 1943-51, figures from the Bureau of Animal Industry, U. S. Department of Agriculture.³For 1943-51, figures (civilian cases only) from the Division of Venereal Diseases, Public Health Service.

Table 2. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES BY MONTH: UNITED STATES, 1952

(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	4,280	274	421	432	381	281	319	349	314	370	436	350	353
Anthrax-----062	47	4	7	5	2	5	-	1	4	2	5	10	2
Botulism-----049.1	18	3	1	3	5	-	-	1	-	1	-	3	1
Brucellosis (undulant fever)-----044	¹ 2,537	146	157	177	197	186	209	218	230	185	188	149	156
Cholera-----043	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue-----090	5	-	-	1	-	-	1	-	1	-	-	1	-
Diphtheria-----055	2,960	313	267	241	193	182	139	109	169	282	400	402	263
Dysentery, bacillary (shigellosis)-----045	¹ 23,970	2,385	1,480	1,785	1,628	2,195	2,187	2,735	1,748	1,516	2,238	1,657	1,632
Encephalitis, acute infectious-----082	¹ 1,912	92	78	109	115	115	91	254	459	250	167	80	95
Glanders-----064.2	1	-	-	-	-	-	-	-	-	1	-	-	-
Hepatitis, infectious-----092	¹ 17,428	2,005	2,443	1,901	932	815	761	690	1,001	1,282	1,325	1,776	1,993
Leprosy-----060	57	6	2	3	8	5	8	2	4	6	3	5	5
Leptospirosis-----072	62	2	2	3	6	2	1	28	3	3	3	5	4
Malaria-----110-117	¹ 7,023	90	78	64	166	501	1,049	1,439	1,150	624	305	114	69
Measles-----085	¹ 683,077	72,913	101,220	134,770	140,722	116,649	62,825	17,553	4,168	2,533	4,559	8,332	16,662
Meningococcal infections-----057	¹ 4,884	562	469	688	551	429	320	330	231	218	321	336	424
Plague-----058	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis, acute-----080	¹ 57,879	565	382	291	313	571	1,677	6,877	15,080	16,361	10,081	3,567	1,843
Paralytic-----080.0,080.1	¹ 21,269	235	135	103	105	149	454	2,057	5,012	5,699	3,873	1,552	833
Nonparalytic-----080.2	¹ 12,802	105	78	33	52	80	241	1,402	3,527	3,582	2,116	707	369
Unspecified-----080.3	¹ 23,808	209	163	149	149	332	960	3,087	5,788	5,728	3,529	1,081	511
Psittacosis and ornithosis-----096.2	135	45	3	7	1	24	5	14	4	4	11	10	7
Q Fever-----108(pt)	7	-	-	1	-	1	1	3	-	-	1	-	-
Rabies in man-----094	21	-	2	3	3	-	1	3	1	4	-	3	1
Rabies in animals-----	7,578	654	727	824	888	794	631	530	476	460	497	526	571
Rocky Mountain spotted fever-----104A	327	2	4	1	5	55	69	83	61	28	8	5	6
Salmonellosis (paratyphoid fever)-----041,042	2,596	177	85	169	138	157	183	331	245	241	249	220	401
Scarlet fever and streptococcal sore throat-----050,051	¹ 113,677	11,331	14,546	16,280	13,773	10,718	6,783	3,755	3,897	3,262	5,855	9,547	13,922
Smallpox-----084	21	3	1	-	2	4	1	1	-	1	1	5	2
Tetanus-----061	¹ 484	24	24	21	36	42	41	49	87	51	51	47	28
Trachoma-----095	3,088	365	374	672	283	295	473	88	78	104	162	123	71
Trichiniasis-----128	367	17	19	26	48	39	46	30	19	38	26	23	36
Tuberculosis, all forms-----001-019	109,837	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia-----059	668	64	66	56	47	53	59	52	55	43	51	39	83
Typhoid fever-----040	2,341	127	114	119	124	125	267	330	379	285	210	141	120
Typhus fever, endemic (murine)-----101	205	11	6	13	14	12	31	14	24	11	17	20	32
Typhus fever, epidemic-----100	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal diseases: ²													
Chancroid-----036	3,825	-	1,007	-	-	918	-	-	968	-	-	932	-
Gonorrhoea-----030-034	² 244,342	-	54,756	-	-	54,400	-	64,819	-	-	-	54,472	-
Granuloma inguinale-----038	940	-	280	-	-	242	-	227	-	-	-	191	-
Lymphogranuloma venereum-----037	1,224	-	287	-	-	335	-	311	-	-	-	291	-
Syphilis, primary and secondary-----021.0-021.3	³ 15,211	-	4,068	-	-	3,946	-	3,584	-	-	-	3,279	-
Syphilis, other forms-----020,021.4-029	³ 150,642	-	37,862	-	-	39,358	-	35,872	-	-	-	34,577	-
Whooping cough (pertussis)-----056	¹ 45,030	5,404	4,647	4,993	4,304	4,656	3,519	3,545	2,890	2,897	2,865	2,576	2,716
Yellow fever-----091	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Figures for cases not tabulated by month included in the "Total," but not distributed.²Reports received by quarters.³Includes cases for North Carolina not available by quarters.

Weekly Morbidity Report

Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1952

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

AREA	Amo- biasis (046)	Brucel- losis (044)	Diph- theria (055)	Dysentery, bacillary (shigel- losis) (045)	Encepha- litis, acute infectious (082)	Hepatitis, infectious (092)	Lepto- spirosis (072)	MALARIA (110-117)	
								Acquired in United States or in place not stated	Acquired outside United States
UNITED STATES-----	4,280	2,537	2,960	23,197	1,912	17,428	62	2,486	4,537
NEW ENGLAND-----	31	76	27	156	57	925	1	133	33
Maine-----	1	8	-	3	1	306	-	1	9
New Hampshire-----	1	-	-	-	-	7	-	-	-
Vermont-----	-	32	2	5	-	-	-	-	-
Massachusetts-----	3	18	20	106	47	527	1	113	-
Rhode Island-----	1	3	1	10	-	9	-	9	-
Connecticut-----	25	15	4	32	9	76	-	10	24
MIDDLE ATLANTIC-----	1,414	135	154	776	423	1,670	-	194	182
New York-----	962	77	41	703	347	1,271	1	2	182
New Jersey-----	451	16	32	13	59	*	*	191	-
Pennsylvania-----	1	42	81	60	17	399	-	1	-
EAST NORTH CENTRAL-----	233	505	269	533	180	1,457	14	444	72
Ohio-----	12	11	153	54	1	499	-	14	-
Indiana-----	10	10	39	141	42	330	-	-	29
Illinois-----	83	294	14	127	33	241	-	6	-
Michigan-----	125	52	45	211	81	285	1	-	43
Wisconsin-----	3	136	18	-	13	102	13	424	-
WEST NORTH CENTRAL-----	71	1,016	180	571	107	2,067	3	90	345
Minnesota-----	53	139	47	233	9	256	1	3	139
Iowa-----	10	724	25	14	6	755	2	67	-
Missouri-----	3	45	51	211	10	481	-	1	201
North Dakota-----	-	7	13	113	43	147	-	12	-
South Dakota-----	-	23	5	-	23	13	-	-	-
Nebraska-----	-	3	15	-	8	292	-	7	-
Kansas-----	5	75	24	-	8	123	-	-	5
SOUTH ATLANTIC-----	244	168	913	1,243	82	5,118	29	554	1,193
Delaware-----	-	-	-	-	-	4	-	-	-
Maryland-----	7	12	25	148	7	255	-	29	7
District of Columbia-----	2	1	6	31	-	-	-	8	-
Virginia-----	8	47	166	76	27	938	3	457	-
West Virginia-----	-	7	32	242	7	959	-	10	-
North Carolina-----	44	21	202	219	4	675	-	3	302
South Carolina-----	4	6	195	16	5	526	-	20	335
Georgia-----	18	64	205	276	20	1,525	26	1	505
Florida-----	161	10	82	235	12	236	-	6	44
EAST SOUTH CENTRAL-----	261	136	585	853	111	3,652	1	877	187
Kentucky-----	7	12	84	28	6	1,187	-	818	-
Tennessee-----	144	41	95	807	77	983	1	5	133
Alabama-----	18	37	342	18	14	1,232	-	52	-
Mississippi-----	92	46	84	-	14	250	-	2	54
WEST SOUTH CENTRAL-----	720	241	586	15,420	106	476	7	122	1,336
Arkansas-----	73	32	52	74	7	141	1	-	207
Louisiana-----	124	23	50	18	7	*	5	2	501
Oklahoma-----	23	68	74	121	10	70	1	12	242
Texas-----	500	118	410	15,207	82	265	-	108	386
MOUNTAIN-----	370	80	76	2,659	61	581	1	53	223
Montana-----	-	9	14	-	14	29	-	8	-
Idaho-----	1	14	4	12	19	32	-	4	-
Wyoming-----	1	4	1	-	1	16	-	2	65
Colorado-----	9	20	19	51	10	183	-	-	119
New Mexico-----	60	3	8	-	3	118	-	-	2
Arizona-----	291	12	18	2,592	7	110	1	4	37
Utah-----	8	18	12	4	7	92	-	34	-
Nevada-----	-	-	-	-	-	1	-	1	-
PACIFIC-----	936	180	170	986	815	1,482	6	39	966
Washington-----	51	58	30	131	2	227	-	1	59
Oregon-----	268	7	22	22	5	379	-	19	-
California-----	617	115	118	833	808	876	6	19	907

*New York City only. Not reportable in State.

Weekly Morbidity Report

Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1952—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				Psitta- cosis and ornitho- sis (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-----	663,077	4,884	57,879	21,269	12,802	23,808	135	21	7,578
NEW ENGLAND-----	110,047	210	1,357	713	461	183	4	-	-
Maine-----	11,191	39	160	126	34	-	-	-	-
New Hampshire-----	3,880	20	98	52	29	17	-	-	-
Vermont-----	5,715	8	46	13	6	27	-	-	-
Massachusetts-----	52,866	77	548	343	203	2	-	-	-
Rhode Island-----	6,812	21	114	-	-	114	-	-	-
Connecticut-----	29,593	45	391	179	189	23	4	-	-
MIDDLE ATLANTIC-----	212,166	730	5,225	2,029	960	2,236	21	1	340
New York-----	88,028	317	2,506	1,275	960	271	14	-	339
New Jersey-----	79,972	110	754	754	-	-	1	-	1
Pennsylvania-----	44,166	303	1,965	-	-	1,965	6	1	-
EAST NORTH CENTRAL-----	145,820	857	14,809	5,922	4,268	4,619	16	1	924
Ohio-----	24,401	247	3,333	-	-	3,333	3	-	184
Indiana-----	9,041	47	1,332	220	211	901	1	-	156
Illinois-----	32,239	282	4,002	2,661	1,332	9	9	1	345
Michigan-----	32,941	169	3,912	1,957	1,910	45	3	-	185
Wisconsin-----	47,198	112	2,230	1,084	815	331	-	-	54
WEST NORTH CENTRAL-----	28,112	304	14,168	3,411	2,519	8,238	9	1	913
Minnesota-----	3,615	80	4,130	2,170	1,871	89	9	-	270
Iowa-----	4,324	30	3,564	-	-	3,564	-	-	228
Missouri-----	2,435	100	1,193	279	50	864	-	1	287
North Dakota-----	3,191	28	299	75	110	114	-	-	72
South Dakota-----	1,016	8	1,017	-	-	1,017	-	-	4
Nebraska-----	3,669	16	2,247	759	443	1,045	-	-	41
Kansas-----	7,862	42	1,718	128	45	1,545	-	-	11
SOUTH ATLANTIC-----	52,720	870	3,871	1,657	913	1,301	3	-	1,489
Delaware-----	424	10	117	-	-	117	-	-	7
Maryland-----	8,977	91	363	200	163	-	-	-	2
District of Columbia-----	2,044	21	135	35	89	11	-	-	-
Virginia-----	15,718	199	690	377	263	50	-	-	478
West Virginia-----	6,183	56	680	400	199	81	2	-	91
North Carolina-----	4,511	197	538	205	156	177	-	-	156
South Carolina-----	2,218	66	180	-	-	180	-	-	297
Georgia-----	8,573	142	505	384	27	94	1	-	438
Florida-----	4,072	88	663	56	16	591	-	-	20
EAST SOUTH CENTRAL-----	35,347	656	3,409	1,593	482	1,334	2	7	1,762
Kentucky-----	11,391	242	1,762	1,211	296	255	2	1	427
Tennessee-----	8,231	203	638	31	21	586	-	2	505
Alabama-----	14,160	142	297	-	-	297	-	-	535
Mississippi-----	1,565	69	712	351	165	196	-	4	295
WEST SOUTH CENTRAL-----	28,440	556	6,352	1,300	821	4,231	62	11	1,978
Arkansas-----	3,533	84	386	169	108	109	-	2	222
Louisiana-----	599	98	871	613	258	-	1	1	276
Oklahoma-----	1,719	60	1,111	55	17	1,039	-	2	99
Texas-----	22,589	314	3,984	463	438	3,083	61	6	1,381
MOUNTAIN-----	21,762	133	2,825	1,023	474	1,328	6	-	30
Montana-----	4,328	28	260	85	64	111	-	-	-
Idaho-----	1,183	14	353	-	-	353	4	-	-
Wyoming-----	514	6	155	84	55	16	-	-	1
Colorado-----	4,931	40	688	255	230	203	1	-	-
New Mexico-----	1,556	20	502	288	85	129	-	-	18
Arizona-----	2,955	15	372	-	-	372	1	-	11
Utah-----	5,875	7	387	303	40	44	-	-	-
Nevada-----	420	3	108	8	-	100	-	-	-
PACIFIC-----	50,663	568	5,863	3,621	1,904	338	12	-	142
Washington-----	5,446	89	1,320	712	294	314	1	-	-
Oregon-----	3,674	57	496	345	135	16	-	-	-
California-----	41,543	442	4,047	2,564	1,475	8	11	-	142

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1952—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-----	327	2,596	113,677	464	3,088	367	109,837	668	2,341
NEW ENGLAND-----	2	180	7,157	21	1	46	5,100	3	60
Maine-----	-	8	508	1	-	5	419	-	10
New Hampshire-----	-	1	396	-	-	-	177	-	7
Vermont-----	-	2	185	-	-	-	382	-	7
Massachusetts-----	1	146	3,383	9	1	26	2,397	2	21
Rhode Island-----	-	2	492	2	-	6	408	-	3
Connecticut-----	1	1	2,193	9	-	9	1,317	1	12
MIDDLE ATLANTIC-----	25	337	22,287	44	1	213	20,643	1	393
New York-----	11	137	13,832	33	*	179	11,661	1	197
New Jersey-----	10	11	3,630	11	1	20	3,769	-	37
Pennsylvania-----	4	189	4,825	-	-	14	5,213	-	159
EAST NORTH CENTRAL-----	21	305	25,724	65	7	30	21,782	90	230
Ohio-----	12	25	7,930	11	-	19	7,228	2	72
Indiana-----	2	10	1,821	10	-	4	1,900	8	34
Illinois-----	7	138	4,140	33	-	4	5,019	67	41
Michigan-----	-	132	8,325	8	1	2	6,152	3	53
Wisconsin-----	-	-	3,508	3	6	1	1,483	10	30
WEST NORTH CENTRAL-----	2	244	5,008	28	2,457	26	6,319	54	111
Minnesota-----	1	98	1,568	9	-	4	2,230	15	15
Iowa-----	1	1	751	3	-	19	889	1	27
Missouri-----	-	143	792	7	2,448	-	2,302	23	49
North Dakota-----	-	1	598	2	2	2	206	-	4
South Dakota-----	-	-	136	-	7	-	191	-	3
Nebraska-----	-	-	319	-	-	1	231	1	5
Kansas-----	-	1	844	7	-	-	470	14	8
SOUTH ATLANTIC-----	167	267	10,859	128	29	10	18,138	145	373
Delaware-----	1	1	180	-	-	-	245	-	4
Maryland-----	29	39	1,059	7	-	3	2,720	4	20
District of Columbia-----	-	10	323	-	-	-	1,865	1	12
Virginia-----	79	39	4,423	12	-	1	4,228	47	77
West Virginia-----	4	10	1,138	2	27	1	1,221	-	43
North Carolina-----	30	4	2,255	26	-	1	2,000	19	41
South Carolina-----	6	1	181	3	-	-	1,251	12	44
Georgia-----	8	95	842	30	1	4	1,985	44	96
Florida-----	2	68	460	46	1	-	2,603	18	36
EAST SOUTH CENTRAL-----	25	82	3,296	83	6	2	10,094	82	447
Kentucky-----	2	8	1,170	7	6	-	2,562	18	121
Tennessee-----	15	52	1,524	11	-	2	3,851	26	100
Alabama-----	2	22	412	44	-	*	2,446	13	57
Mississippi-----	6	-	190	21	-	-	1,233	25	169
WEST SOUTH CENTRAL-----	11	315	15,517	61	92	5	10,129	199	461
Arkansas-----	4	25	1,758	15	16	1	1,840	62	146
Louisiana-----	1	10	181	15	-	2	2,330	27	79
Oklahoma-----	4	40	659	9	51	2	1,574	38	61
Texas-----	2	240	12,919	22	25	-	4,385	52	175
MOUNTAIN-----	60	114	12,820	9	362	2	6,040	81	129
Montana-----	5	-	689	1	24	-	324	19	5
Idaho-----	22	6	1,052	1	-	-	230	4	16
Wyoming-----	13	6	2,208	-	5	-	96	31	10
Colorado-----	7	59	561	3	1	2	1,206	4	50
New Mexico-----	1	3	223	3	21	-	1,026	3	33
Arizona-----	-	27	6,277	1	310	-	2,865	-	11
Utah-----	12	13	1,696	-	-	-	163	20	4
Nevada-----	-	-	114	-	1	-	130	-	-
PACIFIC-----	14	772	11,009	47	133	33	11,592	13	137
Washington-----	-	44	1,859	1	3	-	2,497	2	11
Oregon-----	12	38	1,619	3	48	-	863	3	18
California-----	2	690	7,531	43	82	33	8,232	8	108

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Table 3. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES,
EACH DIVISION AND STATE, 1952—Continued

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

AREA	VENEREAL DISEASES								Whooping cough (pertussis) (056)
	Typhus fever, endemic (murine) (101)	Chan- croid (036)	Gonorrhea (030-034)	Granu- loma ingui- nale (038)	Lym- pho- granuloma venereum (037)	Syphilis			
						Total (020- 029)	Primary and secondary (021.0-021.3)	Other (020,021.4-029)	
UNITED STATES-----	205	3,825	244,342	940	1,224	165,853	15,211	150,642	45,030
NEW ENGLAND-----	-	38	3,519	1	10	4,020	2,209	1,811	3,486
Maine-----	-	1	175	-	-	185	27	158	247
New Hampshire-----	-	1	49	-	-	131	7	124	288
Vermont-----	-	-	104	-	-	149	15	134	374
Massachusetts-----	-	25	1,989	1	5	2,069	2,069	-	1,884
Rhode Island-----	-	4	304	-	-	483	38	445	203
Connecticut-----	-	7	898	-	5	1,003	53	950	492
MIDDLE ATLANTIC-----	5	288	19,808	51	155	39,775	1,445	38,330	7,579
New York-----	5	194	14,746	50	139	28,522	894	27,638	2,941
New Jersey-----	-	94	5,062	1	16	3,916	211	3,705	1,693
Pennsylvania-----	-	*	*	*	*	7,337	350	6,987	2,945
EAST NORTH CENTRAL-----	-	315	40,480	46	91	25,206	1,865	23,341	6,262
Ohio-----	-	116	8,243	15	28	6,184	464	5,720	1,553
Indiana-----	-	22	2,210	1	1	2,850	174	2,676	433
Illinois-----	-	106	20,988	13	38	7,357	794	6,563	705
Michigan-----	-	65	8,167	16	24	7,424	321	7,103	1,992
Wisconsin-----	-	6	872	1	-	1,391	112	1,279	1,579
WEST NORTH CENTRAL-----	1	85	8,295	5	6	9,377	545	8,832	1,245
Minnesota-----	-	-	631	-	-	479	50	429	128
Iowa-----	-	2	565	-	-	1,141	86	1,055	206
Missouri-----	-	50	4,367	5	3	4,537	212	4,325	357
North Dakota-----	-	3	150	-	-	115	18	97	44
South Dakota-----	-	1	326	-	-	152	17	135	61
Nebraska-----	-	4	530	-	1	629	28	601	108
Kansas-----	1	25	1,726	-	2	2,324	134	2,190	339
SOUTH ATLANTIC-----	60	1,883	77,834	548	553	40,728	3,104	37,624	4,355
Delaware-----	-	2	261	-	-	368	34	351	39
Maryland-----	-	157	7,558	18	16	3,152	202	2,950	227
District of Columbia-----	-	369	12,172	44	198	3,456	65	3,391	79
Virginia-----	-	75	8,761	25	58	6,612	531	6,081	885
West Virginia-----	-	45	2,494	-	-	2,620	165	2,455	1,851
North Carolina-----	12	256	15,895	38	62	3,709	436	3,273	471
South Carolina-----	10	50	5,915	44	17	6,659	330	6,329	114
Georgia-----	27	467	12,769	146	62	3,311	556	2,755	398
Florida-----	11	462	11,809	233	120	10,824	785	10,039	291
EAST SOUTH CENTRAL-----	40	341	34,535	130	161	13,568	3,556	10,012	3,603
Kentucky-----	1	33	3,285	5	8	2,055	177	1,878	1,799
Tennessee-----	3	103	18,199	17	44	4,433	370	4,063	806
Alabama-----	11	77	3,831	64	41	2,751	2,751	-	693
Mississippi-----	25	128	9,220	44	68	4,329	258	4,071	305
WEST SOUTH CENTRAL-----	94	425	36,959	139	177	20,037	1,358	18,679	10,785
Arkansas-----	2	69	1,873	21	19	3,003	130	2,873	570
Louisiana-----	8	205	9,661	81	102	7,766	276	7,510	212
Oklahoma-----	-	45	4,923	4	12	2,351	142	2,209	372
Texas-----	84	106	20,602	33	44	6,897	810	6,087	9,631
MOUNTAIN-----	1	116	4,963	9	4	4,498	496	4,000	2,779
Montana-----	-	-	170	-	-	167	22	145	76
Idaho-----	-	11	400	-	-	197	11	186	77
Wyoming-----	-	-	248	-	-	184	16	168	31
Colorado-----	1	24	1,291	1	1	584	86	498	445
New Mexico-----	-	33	831	2	1	641	57	584	216
Arizona-----	-	43	1,584	5	1	2,266	255	2,011	1,762
Utah-----	-	1	136	-	-	262	26	236	167
Nevada-----	-	4	303	1	1	197	25	172	5
PACIFIC-----	4	334	18,149	11	67	8,644	631	8,013	4,936
Washington-----	-	45	1,625	-	4	556	68	490	164
Oregon-----	-	15	703	1	3	629	58	573	361
California-----	4	274	15,821	10	60	7,459	509	6,950	4,411

¹New York City only. Not reportable in State.
²Reported as Brill's disease.

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Table 4. CASES OF INFREQUENTLY REPORTED NOTIFIABLE DISEASES BY STATE: UNITED STATES, 1952

(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)	Q fever (108 pt.)	Smallpox (084)
Arizona-----	-	-	-	-	1	-	3
California-----	1	10	-	*	12	(¹)	-
Colorado-----	-	-	-	-	2	-	-
Connecticut-----	1	-	*	-	1	(²)	-
Florida-----	-	-	-	-	2	-	-
Georgia-----	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	5	7
Illinois-----	1	-	-	-	-	-	-
Iowa-----	-	-	-	-	-	-	1
Kansas-----	1	-	-	-	-	-	1
Louisiana-----	-	1	-	-	3	*	-
Massachusetts-----	4	*	*	-	1	*	-
Michigan-----	-	-	-	-	-	-	1
Montana-----	-	-	-	-	-	-	1
Nebraska-----	-	-	-	-	-	-	1
Nevada-----	-	-	-	-	-	2	2
New Hampshire-----	5	-	-	-	-	-	-
New Jersey-----	3	-	*	-	-	*	-
New Mexico-----	-	1	-	-	1	-	-
New York-----	5	-	3	-	8	3	-
North Carolina-----	-	-	-	-	1	-	-
Ohio-----	3	-	-	-	-	-	-
Oregon-----	-	2	-	-	-	-	-
Pennsylvania-----	14	1	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	2
Texas-----	8	1	4	-	25	-	1
Washington-----	-	2	-	-	-	-	-
Wisconsin-----	1	-	-	-	-	-	-
Wyoming-----	-	-	-	1	-	-	1

¹Q fever is not reportable in California, but laboratory tests in a special study proved 67 cases.²Made reportable in June 1952.³New York City only. Not reportable in State.

Table 5. REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: TERRITORIES, CERTAIN POSSESSIONS, AND THE CANAL ZONE, 1952

(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 ¹
Amebiasis-----046	-	101	-	2	54
Anthrax-----062	-	-	1	-	-
Brucellosis (undulant fever)-----044	1	3	2	-	-
Diphtheria-----055	122	5	422	2	9
Dysentery, bacillary (shigellosis)-----045	-	84	36	-	12
Encephalitis, acute infectious-----082	-	-	-	1	-
Hepatitis, infectious-----092	280	68	17	-	² 19
Leprosy-----060	-	21	14	-	3
Leptospirosis-----072	-	1	7	-	-
Malaria-----110-117	1	97	134	-	73
Measles-----085	288	5,348	1,471	85	451
Meningococcal infections-----057	8	18	10	1	9
Poliomyelitis, paralytic-----080.0,080.1	-	161	57	-	-
Poliomyelitis, unspecified-----080.3	80	-	-	2	29
Rabies in animals-----	-	-	65	-	-
Salmonellosis (paratyphoid fever)-----041,042	-	108	16	-	-
Scarlet fever and streptococcal sore throat-----050,051	97	55	4	-	2
Tetanus-----061	-	3	163	1	10
Trichiniasis-----128	-	1	-	-	-
Tuberculosis, all forms-----001-019	956	620	6,238	11	574
Typhoid fever-----040	2	-	77	-	8
Typhus fever, endemic (murine)-----101	-	6	5	-	2
Venereal diseases:					
Chancroid-----056	-	25	25	-	-
Gonorrhea-----030-034	453	738	6,575	32	1,628
Granuloma inguinale-----038	-	-	11	-	-
Lymphogranuloma venereum-----037	-	-	3	-	-
Syphilis, primary and secondary-----021.0-021.3	5	4	272	2	-
Syphilis, other forms-----020,021.4-029	64	156	6,080	102	-
Whooping cough (pertussis)-----058	148	43	972	1	102

¹Includes Colon and Panama City.²Includes Weil's disease.