

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 9, 1954

For the current week a total of 670 cases of infectious hepatitis was reported in the United States. This represents a slight decrease from the number (675) for the previous week. This is because of the holiday in some States and many cases probably were not included in reports which were sent earlier than usual. Since the first week in September there has been little change in the incidence of the disease. This has been the experience in all the individual States. Cases tabulated by 4-week periods for 1953 and 1954 show a low period of incidence centered around the first of September or possibly later. See accompanying chart. Although only 2 years were used for this tabulation, there is an indication that the week ended nearest to September 1 will be considered the week of lowest incidence for the disease.

The numbers of cases of infectious hepatitis being reported weekly at present are in excess of those for the corresponding weeks of 1953. There appears to be a real increase in incidence over reports for last year in many of the States. However, it is possible that some of the increase resulted from better reporting within the individual States. The excess in total cases for the country as a whole does reflect to some extent better reporting. For instance, this is the first year since the disease was made notifiable that all States have listed cases on their weekly reports. In 1953, the disease was not reported in Louisiana, and during the first part of that year it was not listed as a notifiable disease in New Jersey. The cumulative total infectious hepatitis cases

for the year to date is 41,188 as compared with 25,123 for the corresponding period of 1953.

A total of 1,758 cases of poliomyelitis reported for the current week is almost 500 more than the 1,287 cases for the corresponding week of 1953. The incidence of the disease is expected to decrease rapidly during the next few weeks, and by the end of the year, the cumulative total will probably be in the range of 36,000—the number reported for 52 weeks of 1953. For the year to date, the cumulative total is 30,052 as compared with 29,186 for the corresponding period of last year. For the corresponding period of 1952 the total was 45,076.

### EPIDEMIOLOGICAL REPORTS

#### Coxsackie

The New York State Department of Health has received reports of a common disease from various parts of the State. The symptoms were predominantly headache, nausea, vomiting, some muscle pains, and at times, sore throat. There was no real meningismus or paralysis. Examination of spinal fluid showed an increased cell count. Protein was elevated but sugar was normal. Group B Coxsackie virus has been isolated from many of the patients.

#### Suspect epidemic typhus fever

Dr. C. G. Salsbury, Arizona Department of Health, reports a case suspected to be epidemic typhus fever. The patient, who was from Mexico, where he probably contracted the disease, was living in a labor camp in the State.

#### Psittacosis

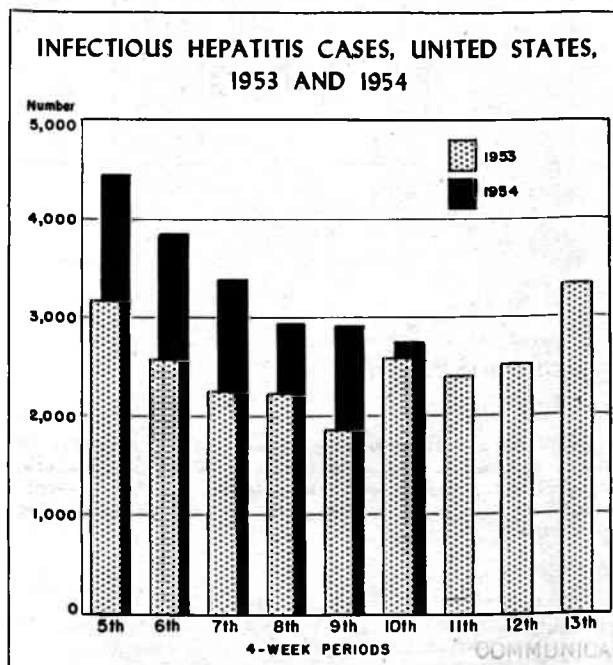
The California Department of Public Health reports 3 cases of psittacosis which resulted from contact with parakeets. In two instances the birds were not available for laboratory tests, and in the other, the laboratory tests on the birds have not yet been completed. The general symptoms were fever, chills, and cough. Chest X-rays on 2 patients were negative and no X-ray report was given for the third. However, the diagnosis was confirmed by a four-fold or greater rise in complement fixing titers.

#### Encephalitis

The California Department of Public Health reports that the increase in the number of confirmed human cases of St. Louis encephalitis continues. The total confirmed cases for the first 9 months of the year is 61. For the year to date, 18 cases of western equine have been confirmed. Of the total human cases, more than half or 46 have occurred in 5 counties in the 1954 study area. Of 709 pools of mosquitoes collected in this area, the St. Louis type of virus has been isolated from 76, and the western equine type from 136. Ten cases of western equine encephalomyelitis in horses were reported during August and September.

#### Typhoid fever

Dr. L. M. Schuman, Illinois Department of Public Health, reports the occurrence of 5 cases of typhoid fever among 12 persons in 2 households. The first case developed in an infant while the one family was visiting in Mexico. When this family



returned to Illinois they moved into the home of a friend. Three cases developed in the latter family and 1 additional case occurred in the former. Typhoid bacilli have been isolated from 1 patient. The source of infection is believed to be Mexico and that the disease was spread to other members of the 2 households by personal contact.

#### Gastro-enteritis

Dr. L. M. Schuman, Illinois Department of Public Health, reports an outbreak of a gastro-intestinal disease among 43 students in an elementary school. Symptoms included abdominal pain, nausea, vomiting, and some diarrhea. The duration of the illness was approximately 2 days. Only a few patients were seen by a physician, and the diagnosis was "intestinal influenza." No laboratory specimens were submitted, but attempts are being made to determine the source of the infection, which may have been the school lunch.

The New York Department of Public Health reports 2 out-

breaks of gastro-enteritis. In 1 outbreak, 75 of 300 persons were affected. The outbreak ended long before it was investigated and the source of infection was not found. The other outbreak was in a school where 55 of the 250 students developed sudden onsets of abdominal pain and diarrhea. Food, milk, and water were not implicated, and it is believed that this outbreak was of virus origin which was spread by personal contact.

The California Department of Public Health reports 2 outbreaks of gastro-enteritis. One occurred among 7 persons in an institution who had eaten sausage with cream sauce for their noon meal. About an hour after eating, 4 persons became ill with vomiting but no diarrhea, and 3 had only general discomfort. The other outbreak involved 3 of 4 persons who ate turkey and dressing in a restaurant. The patients developed abdominal pain, nausea, vomiting, and diarrhea, and prostration about 24 hours later. No food associated with either of the outbreaks was available for laboratory examination.

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES  
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	40th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 9, 1954	Ended Oct. 10, 1953	Median 1949-53	First 40 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	1	-	17	24	33	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Botulism-----049.1	-	-	---	10	15	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Brucellosis (undulant fever)-----044	23	27	---	1,328	1,422	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Diphtheria-----055	54	67	131	1,358	1,605	2,851	486	553	881	July 1
Encephalitis, infectious-----082	64	30	29	1,518	900	817	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Hepatitis, infectious, and serum-----092, N996.5 pt.	670	683	---	41,188	25,123	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Malaria-----110-117	19	38	---	580	1,239	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Measles-----085	1,413	826	683	634,622	415,238	473,533	6,794	4,560	3,806	Sept. 1
Meningococcal infections-----057	57	71	45	3,316	4,108	3,212	300	343	293	Sept. 1
Polio-myelitis-----080	1,758	1,287	1,585	30,052	29,186	29,186	28,499	27,605	27,605	Apr. 1
Psittacosis-----096.2	2 <sup>2</sup>	-	---	409	43	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rabies in man-----094	-	-	-	5	10	9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rocky Mountain spotted fever-----104A	3	5	5	265	277	303	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Scarlet fever and streptococcal sore throat-----050,051	1,183	1,173	722	<sup>3</sup> 120,326	109,237	60,754	<sup>3</sup> 12,585	9,630	3,574	Aug. 1
Smallpox-----084	-	-	-	-	4	14	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Trichiniasis-----128	1	3	---	198	314	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tularemia-----059	7	9	9	466	432	524	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Typhoid fever-----040	48	65	65	<sup>4</sup> 1,804	1,841	1,997	<sup>4</sup> 1,394	1,536	1,573	Apr. 1
Typhus fever, endemic-----101	1	4	---	156	201	---	122	161	---	Apr. 1
Whooping cough-----056	1,192	809	851	44,953	28,028	48,122	1,192	809	851	Oct. 1
Rabies in animals-----	118	107	---	<sup>5</sup> 5,514	5,737	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup>Information not available or frequencies are too small.

<sup>2</sup>Connecticut and Minnesota, 1 case each.

<sup>3</sup>Deduction: Virginia, week ended October 2, 7 cases.

<sup>4</sup>Deduction: Virginia, week ended October 2, 1 case.

<sup>5</sup>Addition: Iowa, week ended September 18, 9 cases.

#### SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [ - ]: no cases reported; 3 dashes [ --- ]: data not available.

# Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 10, 1953, AND OCTOBER 9, 1954.

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

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA  (055)		ENCEPHALITIS, INFECTIOUS  (082)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MALARIA (110-117)			
	1954	1953	1954	1953	1954	1953	1954	1953	Civilian <sup>1</sup>		Military	
									1954	1953	1954	1953
CONT. UNITED STATES-----	23	27	54	67	64	30	670	683	16	8	3	30
NEW ENGLAND-----	-	2	-	1	1	-	53	25	-	-	-	-
Maine-----	-	-	-	-	-	-	17	8	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	-	1	1	-	22	16	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	1	-	-	-	-
Connecticut-----	-	1	-	-	-	-	8	-	-	-	-	-
MIDDLE ATLANTIC-----	3	1	2	2	5	18	211	101	-	-	1	3
New York-----	1	1	1	-	5	17	106	82	-	-	-	2
New Jersey-----	-	-	-	2	-	1	13	2	-	-	1	1
Pennsylvania-----	2	-	1	-	-	-	92	17	-	-	-	-
EAST NORTH CENTRAL-----	7	5	1	6	3	2	112	70	-	3	-	-
Ohio-----	-	1	-	1	1	-	14	32	-	2	-	-
Indiana-----	-	-	-	3	-	-	7	13	-	-	-	-
Illinois-----	2	-	-	1	-	1	76	9	-	-	-	-
Michigan-----	3	4	1	1	2	1	11	13	-	-	-	-
Wisconsin-----	2	-	-	-	-	-	4	3	-	1	-	-
WEST NORTH CENTRAL-----	10	13	4	-	13	6	65	62	1	1	-	2
Minnesota-----	3	2	2	-	3	1	24	21	1	1	-	-
Iowa-----	3	8	2	-	-	-	24	22	-	-	-	-
Missouri-----	3	-	-	-	1	-	5	2	-	-	-	-
North Dakota-----	-	-	-	-	5	4	2	2	-	-	-	-
South Dakota-----	-	-	-	-	1	-	1	11	-	-	-	-
Nebraska-----	-	-	-	-	-	1	2	2	-	-	-	2
Kansas-----	1	3	-	-	3	-	7	2	-	-	-	-
SOUTH ATLANTIC-----	-	1	25	32	-	1	67	179	-	-	1	15
Delaware-----	-	-	-	-	-	-	3	-	-	-	-	-
Maryland-----	-	-	2	-	-	-	5	11	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	3	1	-	-	-	-
Virginia-----	-	1	1	-	-	-	32	52	-	-	-	4
West Virginia-----	-	-	-	-	-	-	10	11	-	-	-	-
North Carolina-----	-	-	4	5	-	-	4	94	-	-	1	10
South Carolina-----	-	-	3	10	-	-	3	-	-	-	-	1
Georgia-----	-	-	11	7	-	-	1	6	-	-	-	-
Florida-----	-	-	4	10	-	1	6	4	-	-	-	-
EAST SOUTH CENTRAL-----	1	1	13	24	-	-	26	81	-	-	-	-
Kentucky-----	-	-	5	5	-	-	3	16	-	-	-	-
Tennessee-----	1	1	-	4	-	-	6	11	-	-	-	-
Alabama-----	-	-	3	14	-	-	9	12	-	-	-	-
Mississippi-----	-	-	5	1	-	-	8	42	-	-	-	-
WEST SOUTH CENTRAL-----	1	2	9	2	15	2	40	27	14	2	1	-
Arkansas-----	1	-	2	1	-	-	2	2	-	1	-	-
Louisiana-----	-	-	4	-	-	-	10	-	-	-	1	-
Oklahoma-----	-	-	-	-	1	2	3	1	-	-	-	-
Texas-----	-	2	3	1	14	-	25	24	14	1	-	-
MOUNTAIN-----	1	2	-	-	3	-	34	22	1	1	-	-
Montana-----	1	-	-	-	1	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	9	11	-	-	-	-
Wyoming-----	-	1	-	-	-	-	1	-	-	1	-	-
Colorado-----	-	-	-	-	-	-	3	8	1	-	-	-
New Mexico-----	-	-	-	-	-	-	2	-	-	-	-	-
Arizona-----	-	-	-	-	2	-	19	-	-	-	-	-
Utah-----	-	1	-	-	-	-	-	3	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	-	-	-	24	1	62	116	-	1	-	10
Washington-----	-	-	-	-	-	-	5	22	-	-	-	-
Oregon-----	-	-	-	-	-	-	28	17	-	-	-	-
California-----	-	-	-	-	24	1	29	77	-	1	-	10
Alaska-----	-	-	-	-	-	-	3	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	2	-	-	-	-
Puerto Rico-----	-	-	3	2	-	-	7	14	2	-	-	-

<sup>1</sup>Includes cases not specified as civilian or military.

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 10, 1953, AND OCTOBER 9, 1954—Continued

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

AREA	MEASLES (085)		Meningo- coccal infections (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
					Total <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)			
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONF. UNITED STATES-----	1,413	826	57	71	1,758	1,287	639	417	444	345	3	5
NEW ENGLAND-----	416	35	2	-	117	88	25	28	50	29	-	-
Maine-----	15	21	-	-	16	19	7	7	5	8	-	-
New Hampshire-----	27	-	-	-	4	-	-	-	-	-	-	-
Vermont-----	137	2	1	-	5	7	2	1	3	2	-	-
Massachusetts-----	185	5	1	-	66	36	12	15	31	15	-	-
Rhode Island-----	22	-	-	-	7	14	-	-	-	-	-	-
Connecticut-----	30	5	-	-	19	12	4	5	11	4	-	-
MIDDLE ATLANTIC-----	249	112	11	9	303	252	79	65	26	27	1	-
New York-----	130	58	8	3	129	131	46	36	13	14	-	-
New Jersey-----	65	9	1	1	58	45	33	29	13	13	-	-
Pennsylvania-----	54	45	2	5	116	76	-	-	-	-	1	-
EAST NORTH CENTRAL-----	239	140	14	21	495	324	160	73	120	71	1	1
Ohio-----	19	16	5	6	173	126	28	20	28	16	1	1
Indiana-----	8	20	1	8	46	15	17	-	3	-	-	-
Illinois-----	43	45	3	3	154	48	77	19	51	12	-	-
Michigan-----	127	35	2	3	83	89	31	34	32	45	-	-
Wisconsin-----	42	26	3	1	39	46	7	-	6	-	-	-
WEST NORTH CENTRAL-----	62	26	2	8	177	143	56	35	52	36	-	-
Minnesota-----	9	2	2	-	29	74	8	15	15	20	-	-
Iowa-----	13	13	-	2	45	21	12	7	17	10	-	-
Missouri-----	4	-	-	-	40	18	20	5	10	1	-	-
North Dakota-----	29	7	-	1	6	6	-	2	1	1	-	-
South Dakota-----	5	-	-	-	1	4	-	-	-	-	-	-
Nebraska-----	-	-	-	-	23	5	7	2	5	3	-	-
Kansas-----	2	4	-	5	33	15	9	4	4	1	-	-
SOUTH ATLANTIC-----	48	59	3	13	239	131	124	63	61	42	1	3
Delaware-----	-	2	-	-	9	1	7	1	2	-	-	-
Maryland-----	6	8	-	4	21	26	13	18	8	8	-	-
District of Columbia-----	-	-	-	-	4	1	4	-	-	1	-	-
Virginia-----	9	6	1	2	32	15	17	8	14	6	1	-
West Virginia-----	25	7	-	2	22	19	10	7	10	7	-	-
North Carolina-----	-	6	1	1	31	10	11	6	15	4	-	-
South Carolina-----	-	1	-	-	12	5	7	1	2	1	-	1
Georgia-----	2	10	-	2	25	8	8	4	3	1	-	2
Florida-----	6	19	1	2	83	46	47	18	7	14	-	-
EAST SOUTH CENTRAL-----	20	29	3	2	89	27	42	16	21	7	-	1
Kentucky-----	2	1	1	2	47	7	28	4	11	2	-	-
Tennessee-----	8	22	1	-	21	11	7	7	3	2	-	1
Alabama-----	8	3	1	-	10	7	4	5	5	2	-	-
Mississippi-----	2	3	-	-	11	2	3	-	2	1	-	-
WEST SOUTH CENTRAL-----	133	121	12	10	101	62	41	28	41	16	-	-
Arkansas-----	2	1	2	-	12	9	5	6	5	3	-	-
Louisiana-----	2	2	2	2	19	19	14	11	5	8	-	-
Oklahoma-----	4	3	1	1	7	12	-	-	1	-	-	-
Texas-----	125	115	7	7	63	22	22	11	30	5	-	-
MOUNTAIN-----	61	81	2	-	77	42	15	21	19	11	-	-
Montana-----	5	12	-	-	11	12	2	7	4	5	-	-
Idaho-----	10	4	-	-	5	3	-	-	-	-	-	-
Wyoming-----	1	-	-	-	10	4	1	1	1	-	-	-
Colorado-----	5	11	2	-	18	4	9	4	5	-	-	-
New Mexico-----	20	6	-	-	16	2	3	-	8	-	-	-
Arizona-----	11	-	-	-	1	13	-	6	1	6	-	-
Utah-----	9	48	-	-	13	1	-	-	-	-	-	-
Nevada-----	-	-	-	-	3	3	-	3	-	-	-	-
PACIFIC-----	185	225	8	8	160	218	97	88	54	106	-	-
Washington-----	64	48	2	1	32	20	19	-	6	-	-	-
Oregon-----	19	41	-	-	13	12	7	8	5	3	-	-
California-----	102	136	6	7	115	186	71	80	43	103	-	-
Alaska-----	-	47	-	-	7	-	3	-	3	-	-	-
Hawaii-----	2	1	-	-	3	-	2	-	1	-	-	-
Puerto Rico-----	66	43	-	-	-	-	-	-	-	-	-	-

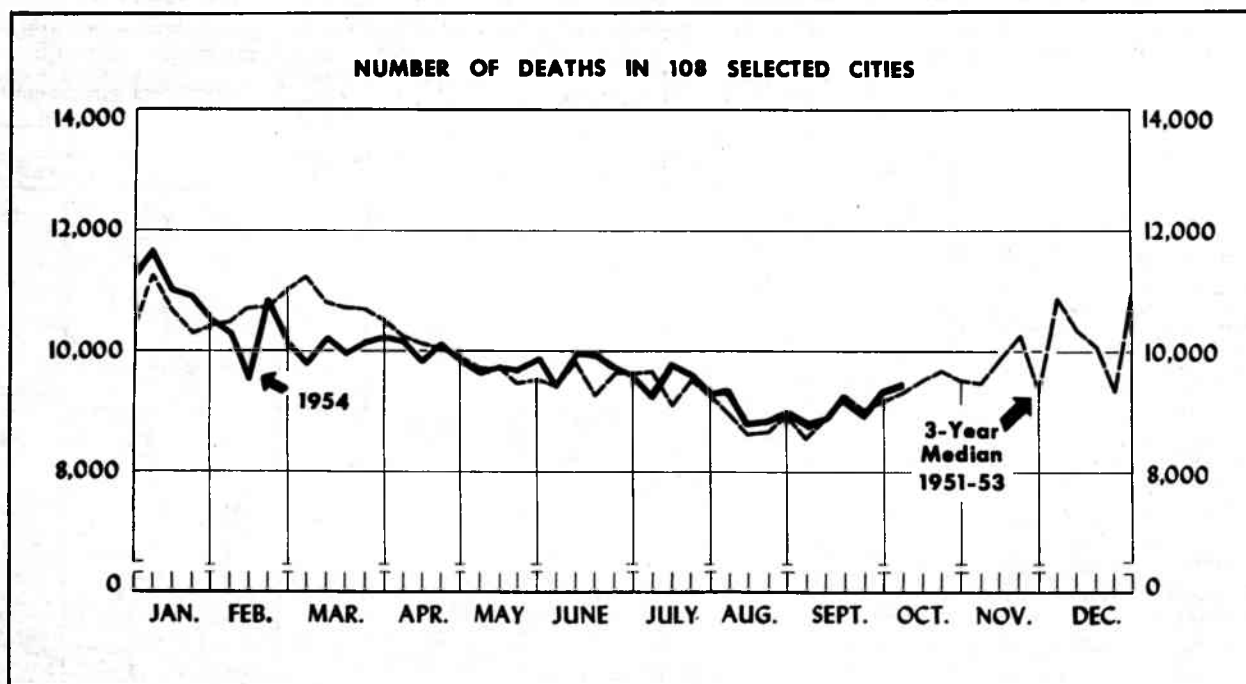
<sup>2</sup>Includes cases not specified by type, category number (080.3).

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 10, 1953, AND OCTOBER 9, 1954—Continued**

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

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)		TRICHINIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,185	1,173	1	7	9	48	65	1	1,192	809	118	107
NEW ENGLAND-----	29	57	-	-	-	2	3	-	99	86	-	-
Maine-----	4	7	-	-	-	-	-	-	8	2	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	3	-	-	-
Vermont-----	1	4	-	-	-	1	-	-	6	9	-	-
Massachusetts-----	22	23	-	-	-	-	2	-	45	53	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	15	9	-	-
Connecticut-----	2	22	-	-	-	1	1	-	22	13	-	-
MIDDLE ATLANTIC-----	74	64	-	-	-	7	8	-	206	263	9	14
New York-----	43	38	-	-	-	-	2	-	89	162	9	14
New Jersey-----	8	10	-	-	-	-	2	-	31	46	-	-
Pennsylvania-----	23	16	-	-	-	7	4	-	86	55	-	-
EAST NORTH CENTRAL-----	139	140	-	-	2	3	13	-	371	248	16	12
Ohio-----	30	46	-	-	1	2	2	-	68	50	2	-
Indiana-----	31	14	-	-	1	-	7	-	36	33	7	9
Illinois-----	30	30	-	-	-	-	3	-	60	34	4	3
Michigan-----	23	35	-	-	-	1	1	-	161	95	-	-
Wisconsin-----	25	15	-	-	-	-	-	-	46	36	3	-
WEST NORTH CENTRAL-----	57	54	-	-	-	1	2	-	64	17	14	10
Minnesota-----	10	29	-	-	-	-	1	-	14	-	3	4
Iowa-----	3	3	-	-	-	-	-	-	6	14	4	1
Missouri-----	2	6	-	-	-	1	-	-	30	3	5	4
North Dakota-----	18	7	-	-	-	-	-	-	3	-	2	-
South Dakota-----	2	2	-	-	-	-	-	-	3	-	-	-
Nebraska-----	-	1	-	-	-	-	-	-	-	-	-	-
Kansas-----	2	6	-	-	-	-	1	-	8	-	-	1
SOUTH ATLANTIC-----	116	163	-	1	1	6	17	-	126	30	38	22
Delaware-----	1	1	-	-	-	-	-	-	-	-	-	-
Maryland-----	7	9	-	-	-	-	-	-	16	9	-	-
District of Columbia-----	2	7	-	-	-	-	-	-	1	3	-	-
Virginia-----	49	81	-	-	-	1	3	-	21	2	13	6
West Virginia-----	6	8	-	-	-	2	2	-	60	12	7	4
North Carolina-----	24	28	-	-	-	-	2	-	14	1	8	2
South Carolina-----	-	2	-	-	-	2	1	-	13	-	7	4
Georgia-----	23	17	1	-	-	1	5	-	-	2	3	6
Florida-----	4	10	-	-	1	-	4	-	1	1	-	-
EAST SOUTH CENTRAL-----	40	57	-	2	1	7	7	-	77	5	14	17
Kentucky-----	12	10	-	-	-	2	1	-	30	3	4	4
Tennessee-----	15	30	-	-	1	2	3	-	29	1	3	8
Alabama-----	9	10	-	-	-	1	2	-	15	-	7	3
Mississippi-----	4	7	-	2	-	2	1	-	3	1	-	2
WEST SOUTH CENTRAL-----	471	503	-	2	3	14	12	1	57	77	24	25
Arkansas-----	43	13	-	1	2	5	-	-	14	32	4	4
Louisiana-----	10	-	-	-	-	1	4	-	5	2	-	-
Oklahoma-----	10	9	-	1	-	2	1	-	5	6	-	1
Texas-----	408	481	-	-	1	6	7	1	33	37	20	20
MOUNTAIN-----	176	30	1	2	1	3	2	-	37	21	3	1
Montana-----	1	5	-	2	-	-	-	-	3	3	1	-
Idaho-----	9	1	-	-	-	1	-	-	7	2	-	-
Wyoming-----	2	8	-	-	-	-	-	-	4	-	-	-
Colorado-----	25	2	-	-	-	-	-	-	8	4	-	-
New Mexico-----	18	6	-	-	-	1	1	-	-	3	2	-
Arizona-----	80	4	1	-	1	1	1	-	13	8	-	1
Utah-----	41	4	-	-	-	-	-	-	2	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	101	105	-	-	1	5	1	-	155	62	-	6
Washington-----	17	20	-	-	-	-	-	-	24	15	-	-
Oregon-----	26	11	-	-	-	1	1	-	17	6	-	-
California-----	58	74	-	-	1	4	-	-	114	41	-	6
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	4	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	50	16	-	2



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION**

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	40th week ended Oct. 9, 1954	39th week ended Oct. 2, 1954	40th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 40 WEEKS		
					1954	1953	Percent change
<b>TOTAL: 105 REPORTING CITIES-----</b>	<b>9,351</b>	<b>9,187</b>	<b>9,199</b>	<b>+1.4</b>	<b>365,071</b>	<b>398,551</b>	<b>-3.4</b>
New England----- (14 cities)	674	641	632	+6.6	25,915	26,477	-2.1
Middle Atlantic----- (16 cities)	2,859	2,772	2,797	+2.2	113,352	118,846	-4.6
East North Central----- (17 cities)	1,969	1,950	1,976	-0.4	81,469	84,923	-4.1
West North Central----- (8 cities)	642	613	651	-1.4	28,106	29,458	-4.6
South Atlantic----- (9 cities)	725	733	683	+6.1	29,827	30,972	-3.7
East South Central----- (8 cities)	420	403	437	-3.9	18,294	18,902	-3.2
West South Central----- (13 cities)	706	685	682	+3.5	30,753	30,806	-0.2
Mountain----- (8 cities)	211	216	206	+2.4	8,983	9,682	-7.2
Pacific----- (12 cities)	1,125	1,172	1,067	+5.4	48,372	48,485	-0.2

# Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 9, 1954

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	40th week ended Oct. 9, 1954	39th week ended Oct. 2, 1954	CUMULATIVE NUMBER FOR FIRST 40 WEEKS		CITY	40th week ended Oct. 9, 1954	39th week ended Oct. 2, 1954	CUMULATIVE NUMBER FOR FIRST 40 WEEKS	
			1954	1953				1954	1953
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston-----	220	238	8,712	8,893	St. Louis-----	216	190	9,200	9,738
Bridgeport-----	39	26	1,397	1,342	St. Paul-----	81	56	2,537	2,522
Cambridge-----	32	24	1,081	1,108	Wichita-----	40	34	1,701	1,598
Fall River-----	30	23	1,081	1,101	<b>SOUTH ATLANTIC</b>				
Hartford-----	44	60	1,807	1,813	Atlanta-----	105	99	4,145	4,142
Lowell-----	22	18	1,063	1,000	Baltimore-----	230	195	8,440	9,009
Lynn-----	26	22	851	873	Charlotte-----	29	35	1,182	1,136
New Bedford-----	25	21	886	917	Jacksonville-----	(44)	(41)	(1,945)	---
New Haven-----	38	32	1,675	1,715	Miami-----	50	38	2,499	2,372
Providence-----	66	65	2,407	2,378	Norfolk-----	34	34	1,144	1,278
Somerville-----	17	12	551	607	Richmond-----	61	58	2,486	2,560
Springfield, Mass.-----	41	42	1,535	1,551	Savannah-----	(27)	(25)	(1,115)	---
Waterbury-----	18	18	922	1,037	Tampa-----	44	43	2,071	2,100
Worcester-----	56	40	1,947	2,142	Washington, D. C.-----	138	199	6,565	7,057
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	34	32	1,285	1,318
Albany-----	52	46	1,792	1,807	<b>EAST SOUTH CENTRAL</b>				
Allentown-----	(37)	(28)	(1,320)	---	Birmingham-----	66	58	2,904	2,928
Buffalo-----	151	93	5,318	5,692	Chattanooga-----	47	36	1,727	1,812
Camden-----	32	38	1,461	1,462	Knoxville-----	42	36	1,349	1,307
Elizabeth-----	30	22	1,103	1,055	Louisville-----	83	84	4,236	4,188
Erie-----	38	36	1,340	1,357	Memphis-----	81	100	3,819	4,258
Jersey City-----	68	77	2,679	2,722	Mobile-----	27	28	1,255	1,254
Newark, N. J.-----	94	110	3,826	4,166	Montgomery-----	32	25	1,036	1,091
New York City-----	1,481	1,520	60,105	62,905	Nashville-----	42	36	1,968	2,064
Paterson-----	45	35	1,492	1,535	<b>WEST SOUTH CENTRAL</b>				
Philadelphia-----	461	400	18,167	19,290	Austin-----	23	31	1,009	1,009
Pittsburgh-----	179	151	6,316	6,785	Baton Rouge-----	16	13	830	631
Reading-----	(15)	(21)	(798)	---	Corpus Christi-----	27	12	694	678
Rochester, N. Y.-----	80	89	3,586	3,747	Dallas-----	89	79	3,941	3,752
Schenectady-----	---	(28)	---	(930)	El Paso-----	21	22	1,043	1,095
Scranton-----	(37)	(53)	(1,351)	---	Fort Worth-----	58	52	2,213	2,284
Syracuse-----	65	55	2,164	2,158	Houston-----	106	110	4,780	4,916
Trenton-----	32	49	1,743	1,844	Little Rock-----	26	38	1,606	1,715
Utica-----	31	27	1,203	1,253	New Orleans-----	151	129	5,871	6,267
Yonkers-----	20	24	1,057	1,068	Oklahoma City-----	46	48	2,342	2,150
<b>EAST NORTH CENTRAL</b>					San Antonio-----	53	77	3,058	3,219
Akron-----	59	52	2,158	2,289	Shreveport-----	51	44	1,549	1,566
Canton-----	26	14	1,110	1,133	Tulsa-----	39	30	1,817	1,524
Chicago-----	657	731	28,354	29,527	<b>MOUNTAIN</b>				
Cincinnati-----	140	101	5,505	5,949	Albuquerque-----	27	36	1,045	1,049
Cleveland-----	203	165	7,822	8,170	Colorado Springs-----	11	8	463	536
Columbus-----	---	(72)	---	(4,127)	Denver-----	107	100	3,991	4,298
Dayton-----	60	69	2,494	2,432	Ogden-----	12	17	443	491
Detroit-----	297	308	12,137	12,590	Phoenix-----	12	13	815	896
Evansville-----	18	22	1,177	1,295	Pueblo-----	8	10	516	549
Flint-----	28	38	1,486	1,449	Salt Lake City-----	30	31	1,550	1,663
Fort Wayne-----	21	22	1,024	1,237	Tucson-----	4	3	162	200
Gary-----	(34)	(24)	(1,011)	---	<b>PACIFIC</b>				
Grand Rapids-----	38	37	1,544	1,539	Berkeley-----	16	13	697	663
Indianapolis-----	100	101	4,362	4,451	Long Beach-----	41	38	1,907	1,848
Milwaukee-----	123	112	4,809	4,865	Los Angeles-----	361	417	17,177	17,439
Peoria-----	27	27	1,194	1,249	Oakland-----	100	95	3,646	3,707
South Bend-----	28	25	902	936	Pasadena-----	31	28	1,300	1,356
Toledo-----	80	83	3,479	3,683	Portland, Oreg.-----	87	91	3,881	3,932
Youngstown-----	64	43	1,912	2,129	Sacramento-----	39	55	1,796	1,856
<b>WEST NORTH CENTRAL</b>					San Diego-----	76	71	2,853	2,800
Des Moines-----	45	42	1,984	1,954	San Francisco-----	190	163	7,234	7,406
Duluth-----	24	27	1,074	1,081	Seattle-----	113	125	4,777	4,530
Kansas City, Kans.-----	---	---	---	(1,341)	Spokane-----	43	44	1,773	1,652
Kansas City, Mo.-----	97	85	4,706	4,903	Tacoma-----	28	32	1,331	1,296
Minneapolis-----	87	126	4,490	5,058	Honolulu-----	(42)	(17)	(1,341)	(1,271)
Omaha-----	52	53	2,414	2,604					

Symbols.—parentheses [ ( ) ]: data not included in table 3; 3 dashes [ --- ]: data not available.

## EPIDEMIOLOGICAL REPORTS—Continued

Communicable diseases in other areas

Information has been received from the Pan American Sanitary Bureau that 2 additional cases of jungle yellow fever have occurred in Trinidad, B.W.L. The diagnosis of yellow fever in 2 previously reported cases has been changed. One of these was in Cascade, suburb of Port-of-Spain. The Ministry of Health has declared that Cascade is not an area infected with yellow fever.

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