

# Morbidity and Mortality

Weekly  
Report



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

Public Health Service

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 16, 1954

The number (1,152) of whooping cough cases reported for the current week exceeds the number (644) for the corresponding week of 1953 by almost 80 percent. For the current week large numbers of cases were reported in the East North Central Division (297 cases), Middle Atlantic (213), and Pacific (152). Since the first of the year, 24,449 cases have been reported in these 3 divisions. This represents about 90 percent of the 46,105 cases reported for the country as a whole. In 1953, the cumulative total for the first 41 weeks was 28,672. Large numbers of cases of whooping cough were reported in the Middle Atlantic and East North Central Divisions in 1953, but the incidence of the disease was low in the Pacific Division.

For the current week a total of 1,651 cases of poliomyelitis was reported as compared with 1,756 (corrected figure) for the previous week. Substantial decreases in the incidence of the disease were reported in most States. However, Florida has continued to report a large number of poliomyelitis cases, 202 for the current week. An investigation of the cases in Leon County is under way, but no information is as yet available on the type of disease prevalent. Three deaths from poliomyelitis were reported, none of them from Leon County.

The cumulative total reported cases of poliomyelitis for the year to date is 31,700 as compared with 30,355 for the corresponding period of 1953. The corresponding total for 1952 was 47,493.

Two unrelated outbreaks suspected to be botulism were reported in California. In one (3 suspect cases), the probable source was home canned okra. In the other (4 suspect cases), the source has not yet been determined.

The Communicable Disease Center, Atlanta, Georgia, has summarized findings of malaria cases reported in 1954. During the period January through August a total of 484 cases was reported, 211 in military personnel and 273 in civilians. The States reporting the largest number of cases (civilian and military) in 1954 have been Texas, Kentucky, California, North Carolina, and Georgia. Five other States have reported more than 10 cases. In the same period of 1953 there were 995 cases, and in 1952 there were 6,030. Of 66 civilian cases investigated for source of infection in 1954, 54 were considered as confirmed (4 were of local origin and 50 of foreign origin). In 1953, 261 cases were investigated; and of these, 197 were confirmed (28 of local origin and 169 of foreign). Most of the cases occurring in the United States at the present time are found to be either in servicemen or ex-servicemen who apparently acquired their infection in Korea. Some cases have occurred in civilians who had been in malarious areas of Asia, Africa, West Indies, and other countries. One outbreak of malaria in 1952-53 occurred in campfire girls in California. A few sporadic indigenous cases of malaria have also been reported and confirmed. So far in 1954, only 4 indigenous cases have been confirmed. These occurred in Arizona, and information on the cases was summarized under epidemiological reports for the week ended September 18, 1954.

### EPIDEMIOLOGICAL REPORTS

#### Psittacosis

The California Department of Public Health, reports 2 cases of psittacosis in a man and his sister who operate a private

aviary having approximately 150 psittacine birds. The sister became ill with chills and fever. A chest X-ray taken later showed a diffuse pulmonary disease with a nodular pattern throughout both lung fields. Five days later the brother became ill with a severe headache and malaise. Later he developed a moderate nonproductive cough. A chest X-ray showed pneumonitis, and the complement fixation test was positive for psittacosis in a dilution of 1:128. A blood specimen from the sister was also positive, 1:128. One sick parakeet from the aviary was positive for the disease on animal inoculation.

#### Anthrax in animals

According to the monthly report from the Department of Agriculture for September, a total of 25 outbreaks of anthrax in animals occurred in 9 States. Of these, 16 were in Louisiana where 200 cattle and 1 horse were lost as a result of infected soil. Most of the outbreaks and the greatest losses in this State were in one county in the southeastern part. In the other States 17 cattle, 3 horses, and 1 hog were lost. Infected soil was responsible for all but one of the outbreaks, and for this one the source of infection was not determined. (An extension of the disease has also been reported recently in Louisiana.)

#### Infectious hepatitis

Dr. U. P. Kokko, Kentucky Department of Health, gives additional information on the outbreak of infectious hepatitis reported for the week ended August 21, 1954. The outbreak has subsided, but sporadic cases are still being reported. To date a total of 190 cases has been reported in an area which is predominantly rural. There have been no geographical or institutional focuses. However, the attack rate was lower among the rural population than among the urban population. One significant feature of this outbreak is that a rather high incidence has been reported among the older age groups. No common source has been determined, and the disease is believed to have been spread by person to person contact.

The New York State Department of Health reports 2 outbreaks of infectious hepatitis in different elementary schools. Eleven cases were associated with one school, and 4 first grade pupils developed the disease in the other school. Gamma globulin was given, and no additional cases have been reported.

#### Diarrhea of the newborn

The New York State Department of Health reports 3 cases of mild diarrhea of the newborn in a hospital. In addition, there were 4 suspect cases. The etiology is unknown, but studies are being made in an attempt to identify it.

#### Chemical poisoning

Dr. Tartakow, County Health Officer in New York State, reports an outbreak involving 12 persons who drank a common beverage. The symptoms were sudden onset of nausea, abdominal pain, and prostration; 3 had cyanosis, and 4 had burning in the throat. Four additional persons who tasted the beverage also became ill. Laboratory examination revealed that the drink contained a large quantity of arsenic. The source was believed to be criminal sabotage by using fluid from a nearby drum which contained arsenic.

## Gastro-enteritis

The Los Angeles City Health Department reports an outbreak of gastro-enteritis following a ham dinner at a church. Of 430 persons eating the meal, 46 became ill with vomiting, diarrhea, cold sweating, and muscle cramps from 2 to 7 hours later. The canned hams were opened the day before the dinner, cooked for 3 hours, and left overnight at room temperature. Scaloped potatoes were also prepared the previous day and left overnight at room temperature. Laboratory examination of the foods served at the dinner showed the ham and potatoes to be contaminated with *Staphylococcus aureus*.

The California Department of Public Health reports an outbreak of gastro-enteritis among persons in a labor camp. Thirty of approximately 48 persons became ill with nausea, vomiting, and diarrhea after eating a noon meal in the field. The meal consisted of fried potatoes, beef tacos, and bean tacos. The food was allowed to stand with little or no refrigeration for about 3 hours. None of the food was available for laboratory

examination.

The California Department of Public Health also reports 3 small outbreaks of gastro-enteritis—1 in a hospital ward and 2 in private households. Two persons in the hospital became ill with nausea, vomiting, and diarrhea about 6 hours after eating ham which had been brought in by one of the patient's daughters. Both patients ate some of the meat in the afternoon and, unknown to the nursing staff, saved some in the bedside table until the next morning when they ate more of the food. Laboratory examination of the ham revealed the presence of coagulase positive *Staphylococcus aureus*. In one private household, 4 of 6 persons became ill about 24 hours after eating roast lamb. Laboratory examination revealed no pathogenic organisms in the meat. In the other household, 2 persons became ill from 3 to 4 hours after eating lunch. Scallops were suspected to be the vehicle of infection, but no food was available for bacteriological examination.

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	41st week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended October 16, 1954	Ended October 17, 1953	Median 1949-53	First 41 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	1	1	1	18	25	36	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	10	15	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	19	37	---	1,347	1,459	---	(2)	(2)	(2)	(2)
Diphtheria-----055	61	71	118	1,419	1,676	2,969	547	624	999	July 1
Encephalitis, infectious-----082	70	15	19	1,588	915	835	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092,N998.5 pt.	613	647	---	41,801	25,770	---	(2)	(2)	(2)	(2)
Malaria-----110-117	22	29	---	602	1,268	---	(2)	(2)	(2)	(2)
Measles-----085	1,351	1,145	812	635,973	416,383	474,745	8,145	5,705	4,618	Sept. 1
Meningococcal infections-----057	61	64	64	3,377	4,172	3,270	361	407	351	Sept. 1
Polio-myelitis-----080	1,651	1,169	1,204	31,700	30,355	30,355	30,147	28,774	28,774	Apr. 1
Psittacosis-----096.2	-	-	---	409	43	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	5	10	9	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	7	3	6	272	280	311	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	1,401	1,175	790	121,727	110,412	61,544	13,986	10,805	4,364	Aug. 1
Smallpox-----084	-	-	-	-	4	14	(2)	(2)	(2)	(2)
Trichinosis-----128	3	2	---	201	316	---	(2)	(2)	(2)	(2)
Tularemia-----059	14	11	11	480	443	536	(2)	(2)	(2)	(2)
Typhoid fever-----040	56	39	56	1,860	1,880	2,053	1,450	1,575	1,640	Apr. 1
Typhus fever, endemic-----101	2	4	---	158	205	---	124	165	---	Apr. 1
Whooping cough-----056	1,152	644	832	46,105	28,672	49,411	2,344	1,453	1,683	Oct. 1
Rabies in animals-----	108	142	---	5,622	5,879	---	(2)	(2)	(2)	(2)

<sup>1</sup>Reported in Illinois.<sup>2</sup>Information not available or frequencies are too small.<sup>3</sup>Deductions: North Carolina, week ended August 28, 1 case; Virginia, week ended October 9, 2 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 17, 1953, AND OCTOBER 16, 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-----	19	37	61	71	70	15	613	647	20	9	2	20
NEW ENGLAND-----	-	-	2	2	-	-	59	25	2	-	-	3
Maine-----	-	-	-	-	-	-	14	7	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	4	1	-	-	-	-
Massachusetts-----	-	-	2	2	-	-	15	11	-	-	-	3
Rhode Island-----	-	-	-	-	-	-	12	2	-	-	-	-
Connecticut-----	-	-	-	-	-	-	14	3	2	-	-	-
MIDDLE ATLANTIC-----	-	2	1	1	2	3	158	107	2	-	-	-
New York-----	-	2	1	1	1	3	83	65	-	-	-	-
New Jersey-----	-	-	-	-	1	-	8	7	2	-	-	-
Pennsylvania-----	-	-	-	-	-	-	67	35	-	-	-	-
EAST NORTH CENTRAL-----	5	14	8	6	2	5	71	75	-	-	-	1
Ohio-----	-	-	-	3	-	-	11	11	-	-	-	-
Indiana-----	-	-	3	3	1	2	4	23	-	-	-	-
Illinois-----	3	8	-	-	1	1	33	18	-	-	-	1
Michigan-----	2	6	4	-	-	1	18	13	-	-	-	-
Wisconsin-----	-	-	1	-	-	1	5	10	-	-	-	-
WEST NORTH CENTRAL-----	13	8	4	8	23	3	80	56	1	1	-	-
Minnesota-----	4	3	-	6	1	-	42	21	-	-	-	-
Iowa-----	5	3	-	-	-	-	29	25	-	1	-	-
Missouri-----	2	-	1	1	-	-	5	2	-	-	-	-
North Dakota-----	1	-	-	-	-	1	-	2	-	-	-	-
South Dakota-----	-	-	-	-	1	2	-	4	-	-	-	-
Nebraska-----	-	-	3	-	2	-	1	2	-	-	-	-
Kansas-----	1	2	-	1	19	-	3	-	1	-	-	-
SOUTH ATLANTIC-----	1	2	20	32	5	1	49	160	1	-	1	10
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-
Maryland-----	-	1	-	-	-	-	2	12	-	-	-	1
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	-	-
Virginia-----	1	1	-	3	1	-	30	34	-	-	-	1
West Virginia-----	-	-	1	-	-	1	2	8	-	-	-	-
North Carolina-----	-	-	5	4	-	-	7	62	-	-	-	4
South Carolina-----	-	-	5	2	-	-	-	-	-	-	-	-
Georgia-----	-	-	8	18	1	-	4	39	-	-	-	4
Florida-----	-	-	1	5	3	-	2	5	1	-	1	-
EAST SOUTH CENTRAL-----	-	1	6	14	-	-	35	94	-	-	-	-
Kentucky-----	-	-	1	-	-	-	11	8	-	-	-	-
Tennessee-----	-	-	-	1	-	-	10	6	-	-	-	-
Alabama-----	-	1	3	7	-	-	7	12	-	-	-	-
Mississippi-----	-	-	2	6	-	-	7	68	-	-	-	-
WEST SOUTH CENTRAL-----	-	9	18	8	6	2	54	20	11	5	-	-
Arkansas-----	-	1	-	-	-	-	5	4	-	-	-	-
Louisiana-----	-	1	17	1	-	-	16	-	-	-	-	-
Oklahoma-----	-	-	-	-	-	-	3	1	-	-	-	-
Texas-----	-	7	1	7	6	2	30	15	11	5	-	-
MOUNTAIN-----	-	1	1	-	7	-	39	32	-	-	-	-
Montana-----	-	-	-	-	3	-	7	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	5	21	-	-	-	-
Wyoming-----	-	1	1	-	-	-	1	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	5	7	-	-	-	-
New Mexico-----	-	-	-	-	1	-	10	1	-	-	-	-
Arizona-----	-	-	-	-	3	-	11	3	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	-	1	-	25	1	68	78	3	3	1	6
Washington-----	-	-	-	-	-	-	15	21	-	-	-	4
Oregon-----	-	-	-	-	-	-	27	19	-	-	-	-
California-----	-	-	1	-	25	1	26	38	-	-	1	2
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	1	-	-	-	3
Puerto Rico-----	-	-	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 17, 1953, AND OCTOBER 16, 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)	
	1954	1953	1954	1953	Total <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	1,351	1,145	61	64	1,651	1,169	713	421	385	266	7	3
NEW ENGLAND-----	304	44	2	1	97	83	18	40	41	19	1	-
Maine-----	9	34	-	-	8	14	5	10	2	4	-	-
New Hampshire-----	39	-	-	-	3	-	-	-	-	-	1	-
Vermont-----	73	2	-	-	5	8	2	2	2	2	-	-
Massachusetts-----	153	8	1	1	58	29	9	12	31	7	-	-
Rhode Island-----	2	-	1	-	9	16	-	11	-	-	-	-
Connecticut-----	28	-	-	-	14	16	2	5	6	6	-	-
MIDDLE ATLANTIC-----	270	244	11	17	246	233	71	61	37	19	-	-
New York-----	159	62	4	6	116	128	39	30	26	9	-	-
New Jersey-----	74	32	2	1	47	41	32	31	11	10	-	-
Pennsylvania-----	37	150	5	10	83	64	-	-	-	-	-	-
EAST NORTH CENTRAL-----	207	178	13	18	352	290	129	81	79	71	2	1
Ohio-----	28	23	4	5	120	94	33	16	22	17	-	1
Indiana-----	7	22	3	5	35	17	7	-	2	-	-	-
Illinois-----	38	40	2	3	80	75	41	29	30	16	2	-
Michigan-----	98	39	3	3	75	85	35	36	21	38	-	-
Wisconsin-----	36	54	1	2	42	19	13	-	4	-	-	-
WEST NORTH CENTRAL-----	101	56	4	1	177	135	62	35	51	23	-	-
Minnesota-----	29	2	2	1	21	49	8	14	3	11	-	-
Iowa-----	15	36	-	-	75	14	30	4	33	6	-	-
Missouri-----	2	2	-	-	28	36	8	12	6	3	-	-
North Dakota-----	20	7	1	-	4	8	-	2	1	-	-	-
South Dakota-----	28	-	-	-	2	8	-	-	-	-	-	-
Nebraska-----	3	4	-	-	19	5	8	3	3	2	-	-
Kansas-----	4	5	1	-	28	15	8	-	5	1	-	-
SOUTH ATLANTIC-----	69	65	10	7	342	151	232	70	42	44	4	2
Delaware-----	2	2	-	-	8	1	5	-	3	1	-	-
Maryland-----	5	4	2	1	10	13	8	8	2	5	-	-
District of Columbia-----	-	-	-	-	4	2	1	1	-	1	-	-
Virginia-----	22	9	1	1	26	29	12	20	12	8	1	2
West Virginia-----	14	17	1	1	24	19	11	10	5	3	-	-
North Carolina-----	2	7	4	1	25	13	15	6	3	3	1	-
South Carolina-----	3	-	-	-	13	7	9	1	2	1	-	-
Georgia-----	8	10	1	2	30	19	11	8	2	4	2	-
Florida-----	13	16	1	1	202	48	160	16	13	18	-	-
EAST SOUTH CENTRAL-----	51	46	7	6	83	28	33	14	14	8	-	-
Kentucky-----	15	-	1	-	34	7	20	6	7	1	-	-
Tennessee-----	14	40	3	1	23	11	7	3	2	3	-	-
Alabama-----	13	2	2	3	8	8	2	5	4	3	-	-
Mississippi-----	9	4	1	2	18	2	4	-	1	1	-	-
WEST SOUTH CENTRAL-----	125	80	9	3	104	44	57	20	26	12	-	-
Arkansas-----	4	1	1	-	11	6	10	4	-	1	-	-
Louisiana-----	-	7	1	-	9	2	7	2	2	-	-	-
Oklahoma-----	3	-	1	-	10	8	1	4	3	-	-	-
Texas-----	118	72	6	3	74	28	39	10	21	11	-	-
MOUNTAIN-----	51	207	1	1	69	25	11	10	19	3	-	-
Montana-----	3	109	1	-	9	5	2	3	1	2	-	-
Idaho-----	4	12	-	-	6	1	-	-	-	-	-	-
Wyoming-----	1	3	-	-	12	1	2	1	1	-	-	-
Colorado-----	12	21	-	1	15	5	5	4	6	-	-	-
New Mexico-----	10	12	-	-	8	3	2	-	6	-	-	-
Arizona-----	18	1	-	-	7	4	-	2	5	1	-	-
Utah-----	3	48	-	-	11	6	-	-	-	-	-	-
Nevada-----	-	1	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	173	225	4	10	181	180	100	90	76	67	-	-
Washington-----	58	68	1	3	18	19	10	-	4	-	-	-
Oregon-----	14	32	-	1	15	17	11	12	3	3	-	-
California-----	101	125	3	6	148	144	79	78	69	64	-	-
Alaska-----	1	40	1	-	5	-	2	-	3	-	-	-
Hawaii-----	13	-	1	2	1	2	1	2	-	-	-	-
Puerto Rico-----	61	30	-	-	1	1	1	1	-	-	-	-

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

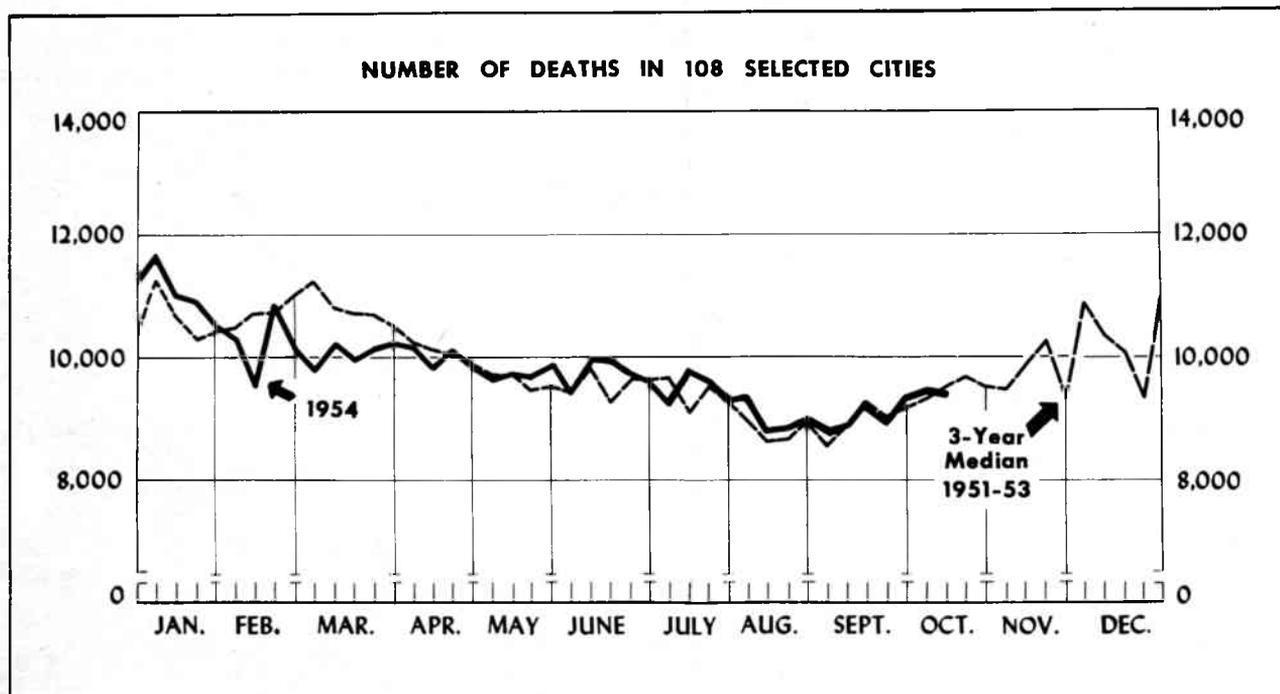
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 17, 1953, AND OCTOBER 16, 1954—Continued

(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)	WHOOPIING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,401	1,175	3	14	11	56	39	2	1,152	644	108	142
NEW ENGLAND-----	58	71	-	-	-	1	-	-	112	78	-	-
Maine-----	11	12	-	-	-	-	-	-	10	2	-	-
New Hampshire-----	-	16	-	-	-	-	-	-	2	6	-	-
Vermont-----	1	3	-	-	-	-	-	-	8	17	-	-
Massachusetts-----	36	22	-	-	-	1	-	-	36	31	-	-
Rhode Island-----	2	4	-	-	-	-	-	-	23	7	-	-
Connecticut-----	8	14	-	-	-	-	-	-	33	15	-	-
MIDDLE ATLANTIC-----	61	60	-	-	-	16	4	-	213	207	13	8
New York-----	31	21	-	-	-	1	3	-	107	117	13	7
New Jersey-----	11	12	-	-	-	1	-	-	37	22	-	-
Pennsylvania-----	19	27	-	-	-	14	1	-	69	68	-	1
EAST NORTH CENTRAL-----	151	184	-	3	-	7	13	-	297	182	11	19
Ohio-----	28	46	-	-	-	-	<sup>3</sup> 11	-	53	41	1	1
Indiana-----	55	34	-	-	-	-	1	-	25	17	6	6
Illinois-----	15	39	-	3	-	7	1	-	43	16	2	8
Michigan-----	42	41	-	-	-	-	-	-	102	64	1	-
Wisconsin-----	11	24	-	-	-	-	-	-	74	44	1	4
WEST NORTH CENTRAL-----	44	49	-	-	-	3	1	-	41	19	13	6
Minnesota-----	14	21	-	-	-	-	1	-	18	6	3	1
Iowa-----	9	11	-	-	-	1	-	-	4	3	4	2
Missouri-----	3	4	-	-	-	2	-	-	9	7	5	3
North Dakota-----	12	6	-	-	-	-	-	-	4	-	-	-
South Dakota-----	1	2	-	-	-	-	-	-	3	-	-	-
Nebraska-----	1	-	-	-	-	-	-	-	-	-	1	-
Kansas-----	4	5	-	-	-	-	-	-	3	3	-	-
SOUTH ATLANTIC-----	157	130	-	3	1	8	6	-	130	34	18	53
Delaware-----	2	1	-	-	-	-	1	-	-	2	-	-
Maryland-----	8	7	-	-	-	-	2	-	16	14	-	-
District of Columbia-----	2	4	-	-	-	2	-	-	2	1	-	-
Virginia-----	41	62	-	2	1	-	1	-	29	5	4	8
West Virginia-----	4	5	-	-	-	-	-	-	38	10	6	20
North Carolina-----	18	20	-	-	-	1	-	-	16	-	2	7
South Carolina-----	4	-	-	-	-	1	-	-	13	2	5	7
Georgia-----	66	21	-	-	-	3	1	-	4	-	1	10
Florida-----	12	10	-	1	-	1	1	-	12	-	-	1
EAST SOUTH CENTRAL-----	37	34	-	1	1	5	5	2	98	15	17	24
Kentucky-----	8	1	-	-	-	3	1	-	35	9	4	4
Tennessee-----	17	15	-	-	-	1	1	-	35	5	3	6
Alabama-----	7	8	-	-	1	1	1	2	21	1	6	9
Mississippi-----	5	10	-	1	-	-	2	-	7	-	4	5
WEST SOUTH CENTRAL-----	479	493	-	4	6	10	4	-	75	69	32	30
Arkansas-----	56	36	-	1	-	4	1	-	13	9	6	5
Louisiana-----	4	1	-	-	5	3	1	-	3	2	-	<sup>4</sup> 6
Oklahoma-----	1	6	-	1	1	1	-	-	-	2	-	-
Texas-----	418	450	-	2	-	2	2	-	59	56	26	19
MOUNTAIN-----	204	52	-	3	1	4	4	-	34	9	2	-
Montana-----	9	3	-	-	1	-	-	-	-	-	-	-
Idaho-----	-	12	-	-	-	-	-	-	3	-	-	-
Wyoming-----	6	13	-	3	-	-	-	-	1	4	-	-
Colorado-----	17	7	-	-	-	-	1	-	9	5	-	-
New Mexico-----	1	6	-	-	-	-	3	-	4	-	1	-
Arizona-----	149	-	-	-	-	4	-	-	12	-	1	-
Utah-----	22	10	-	-	-	-	-	-	5	-	-	-
Nevada-----	1	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	210	102	3	-	2	2	2	-	152	31	2	2
Washington-----	42	21	-	-	-	2	1	-	29	6	-	-
Oregon-----	29	17	-	-	-	-	-	-	10	3	-	-
California-----	139	64	3	-	2	-	1	-	113	22	2	2
Alaska-----	1	2	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	35	29	-	2

<sup>3</sup>Includes 10 delayed cases.  
<sup>4</sup>Reported for September.



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	41st week ended October 16, 1954	40th week ended October 9, 1954	41st week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 41 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	9,213	9,239	9,325	-1.2	390,841	404,463	-3.4
New England----- (14 cities)	655	674	618	+6.0	26,570	27,096	-1.9
Middle Atlantic----- (17 cities)	2,887	2,871	2,849	+1.3	117,211	122,742	-4.5
East North Central----- (18 cities)	2,014	2,066	2,122	-5.1	87,438	91,172	-4.1
West North Central----- (8 cities)	691	642	670	+3.1	28,797	30,171	-4.6
South Atlantic----- (8 cities)	606	675	656	-7.6	27,934	29,256	-4.5
East South Central----- (8 cities)	450	420	450	0	18,744	19,352	-3.1
West South Central----- (12 cities)	538	555	547	-1.6	25,420	25,162	+1.0
Mountain----- (8 cities)	218	211	201	+8.5	9,201	9,883	-6.9
Pacific----- (12 cities)	1,154	1,125	999	+15.5	49,526	49,629	-0.2

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 16, 1954

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

CITY	41st week ended Oct. 16, 1954	40th week ended Oct. 9, 1954	CUMULATIVE NUMBER FOR FIRST 41 WEEKS		CITY	41st week ended Oct. 16, 1954	40th week ended Oct. 9, 1954	CUMULATIVE NUMBER FOR FIRST 41 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston	222	220	8,934	9,109	St. Louis	229	216	9,429	9,967
Bridgeport	21	39	1,418	1,369	St. Paul	78	81	2,615	2,590
Cambridge	26	32	1,107	1,134	Wichita	45	40	1,746	1,651
Fall River	28	30	1,109	1,123	SOUTH ATLANTIC				
Hartford	51	44	1,858	1,849	Atlanta	91	105	4,236	4,225
Lowell	27	22	1,090	1,026	Baltimore	201	230	8,641	9,214
Lynn	17	26	868	895	Charlotte	25	29	1,207	1,176
New Bedford	25	25	911	945	Jacksonville	(43)	(44)	(1,988)	---
New Haven	42	38	1,717	1,765	Miami	---	(50)	---	(2,417)
Providence	52	66	2,459	2,429	Norfolk	20	34	1,164	1,304
Somerville	21	17	572	613	Richmond	51	61	2,547	2,612
Springfield, Mass.	45	41	1,580	1,579	Savannah	---	(27)	---	---
Waterbury	19	18	941	1,070	Tampa	57	44	2,128	2,143
Worcester	59	56	2,006	2,190	Washington, D. C.	133	138	6,698	7,235
					Wilmington, Del.	28	34	1,313	1,347
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany	49	52	1,841	1,855	Birmingham	67	66	2,971	2,980
Allentown	(33)	(37)	(1,353)	---	Chattanooga	43	47	1,770	1,843
Buffalo	135	151	5,453	5,833	Knoxville	25	42	1,374	1,338
Camden	50	32	1,511	1,496	Louisville	82	83	4,318	4,314
Elizabeth	20	30	1,123	1,095	Memphis	129	81	3,948	4,364
Erie	25	38	1,365	1,378	Mobile	32	27	1,287	1,281
Jersey City	70	68	2,749	2,795	Montgomery	20	32	1,056	1,107
Newark, N. J.	100	94	3,926	4,250	Nashville	52	42	2,020	2,125
New York City	1,551	1,481	61,656	64,419	WEST SOUTH CENTRAL				
Paterson	38	45	1,530	1,573	Austin	23	23	1,032	1,036
Philadelphia	439	461	18,606	19,783	Baton Rouge	22	16	852	645
Pittsburgh	132	179	6,448	6,963	Corpus Christi	14	27	708	683
Reading	(22)	(15)	(820)	---	Dallas	112	89	4,053	3,865
Rochester, N. Y.	88	80	3,674	3,845	El Paso	28	21	1,071	1,127
Schenectady	14	12	986	965	Fort Worth	44	58	2,357	2,335
Scranton	(19)	(37)	(1,370)	---	Houston	92	106	4,872	5,045
Syracuse	59	65	2,223	2,220	Little Rock	37	26	1,643	1,751
Trenton	63	32	1,806	1,885	New Orleans	---	(151)	---	(6,431)
Utica	22	31	1,225	1,293	Oklahoma City	34	46	2,376	2,195
Yonkers	32	20	1,089	1,094	San Antonio	77	53	3,135	3,301
					Shreveport	29	51	1,578	1,601
EAST NORTH CENTRAL					Tulsa	26	39	1,843	1,578
Akron	54	59	2,212	2,336	MOUNTAIN				
Canton	27	26	1,137	1,153	Albuquerque	27	27	1,072	1,079
Chicago	668	657	29,022	30,253	Colorado Springs	18	11	481	554
Cincinnati	120	140	5,625	6,104	Denver	85	107	4,076	4,374
Cleveland	180	203	8,002	8,365	Ogden	6	12	449	501
Columbus	69	97	4,024	4,220	Phoenix	16	12	829	917
Dayton	49	60	2,543	2,492	Pueblo	23	8	539	556
Detroit	315	297	12,452	12,893	Salt Lake City	36	30	1,586	1,697
Evansville	23	18	1,200	1,326	Tucson	7	4	169	205
Flint	37	28	1,523	1,474	PACIFIC				
Fort Wayne	28	21	1,052	1,262	Berkeley	21	16	718	682
Gary	(30)	(34)	(1,041)	---	Long Beach	46	41	1,953	1,889
Grand Rapids	44	38	1,588	1,579	Los Angeles	404	361	17,581	17,886
Indianapolis	108	100	4,470	4,549	Oakland	101	100	3,747	3,809
Milwaukee	102	123	4,911	4,978	Pasadena	29	31	1,329	1,384
Peoria	20	27	1,214	1,277	Portland, Oreg.	75	87	3,956	4,016
South Bend	28	28	930	951	Sacramento	36	39	1,832	1,884
Toledo	85	80	3,564	3,769	San Diego	86	76	2,939	2,863
Youngstown	57	64	1,969	2,191	San Francisco	170	190	7,404	7,566
WEST NORTH CENTRAL					Seattle	118	113	4,895	4,635
Des Moines	50	45	2,034	2,008	Spokane	32	43	1,805	1,694
Duluth	15	24	1,089	1,111	Tacoma	36	28	1,367	1,321
Kansas City, Kans.	---	---	---	(1,372)	Honolulu	(29)	(42)	(1,370)	(1,295)
Kansas City, Mo.	102	97	4,808	5,022					
Minneapolis	115	87	4,605	5,176					
Omaha	57	52	2,471	2,646					

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

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