

# 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 September 24, 1955

A decrease of 18 percent in the incidence of poliomyelitis was reported this week—1,606 cases for the current as compared with 1,949 (corrected figure) for the previous week. Continuous weekly decreases are expected until the incidence reaches a low level later this year. Decreases were reported in all sections of the country, except for a few South Atlantic States. In Georgia, the increase was from 21 cases last week to 29; Maryland, from 15 to 20; West Virginia, 11 to 13; and South Carolina, 10 to 21. Of these, only Georgia reported more cases in the current week than for any previous week.

The Poliomyelitis Surveillance Unit, Public Health Service Communicable Disease Center, reports that the total number of accepted cases of paralytic poliomyelitis among vaccinated persons is 230. Nonparalytic cases total 390. No conclusions can be drawn from these figures with reference to the effectiveness of the present vaccination program since complete information on cases in vaccinated and nonvaccinated persons is not available.

### EPIDEMIOLOGICAL REPORTS

#### Encephalitis

Dr. A. L. Marshall, Indiana Department of Health, reports the occurrence of encephalitis in a community located in the extreme southwestern part of the State. Twelve cases with 6 deaths have occurred, mainly in persons 60 years of age and over. Predominate symptoms are malaise, stupor, coma, and fever ranging from 101 to 106 degrees. Spinal fluid examination revealed 200 to 300 cells, principally lymphocytes. This group of cases came to light when physicians in the community met and discussed their cases. The State Department of Health was notified and an investigation started. The area was found to be infested with mosquitoes, and numerous mosquito breeding places were found in open ditches and a nearby lagoon. Vigorous mosquito control measures were instituted after specimens were caught for virus isolation tests. A report of a laboratory examination of blood specimens from 2 cases indicates the presence of a St. Louis type of infection.

A comparatively large number of localized outbreaks of encephalitis in different parts of the country have been reported in both man and animals during the past 2 months. One of the first to be reported was an outbreak of encephalomyelitis among horses in the Taunton valley area of Massachusetts. Eastern encephalomyelitis virus was isolated from 2 fatal cases. Subsequently, it was found that captive pheasants in Massachusetts, Rhode Island, and Connecticut were also involved in outbreaks. The infection has also been reported in pheasants in New Jersey. Eastern equine virus has been isolated from some of these birds. Mosquito populations have been abnormally high in these areas.

Equine encephalomyelitis has been reported in recent weeks in several South Atlantic States, including North Carolina, South Carolina, and Florida; and in Alabama, Mississippi, and Louisiana, eastern equine virus has been isolated from fatal cases in at least 2 of these States. More than 50 cases have been reported in South Carolina. It is suspected that an equal number have occurred but were not reported. Laboratory confirmation of eastern equine infection has been obtained, namely, virus

isolation. Cases have occurred along the entire eastern coastal region of the State. Heavy mosquito populations are reported in several of these areas.

The California Department of Public Health reports that no additional laboratory confirmed human cases of arthropod-borne encephalitis have been reported, 3 cases of western equine infections having previously been reported. Cases of encephalomyelitis totaled 10 in August, 5 in July, 5 in June, and 2 in April. Since May 1, western equine virus has been isolated from 31 of 834 pools of mosquitoes submitted, and 6 viruses have been isolated which are as yet unidentified.

A group of human cases of encephalitis in southern Nevada is now under investigation in an area where the mosquito population is abnormally high.

#### Anthrax in animals

According to the monthly report from the Department of Agriculture, 32 outbreaks of animal anthrax were reported in 9 States during August 1955. Of these outbreaks, more than two-thirds were in 3 States—Louisiana, 11; South Dakota, 9; and North Dakota, 3. In the States reporting outbreaks, the total animal losses were 50 cattle and 2 mules. In all but 3 of the outbreaks, infected soil was given as the suspected source. For these 3, the source was not determined. Reports received from 32 States, the District of Columbia, and Hawaii, show that no outbreaks of anthrax occurred during the month.

#### Psittacosis

The New Jersey Department of Health has reported a death in which psittacosis is regarded as a contributing cause. The patient was a veterinarian who had contact with infective material in a laboratory.

#### Typhus fever

The California Department of Public Health has given supplemental information on 1 of the 2 cases of Brill's disease reported for the week ended August 20. The patient had been in this country only a short time and was reported to have had "Teefus" fever in a German concentration camp. She had been in 10 camps, 9 of which were in Germany. While in one in 1945, she was ill 3 to 4 weeks. During her recent illness specimens of sera were collected and sent to a laboratory of the U. S. Army Medical Graduate School in Washington, D. C. Various tests were made. The laboratory tests suggest that the results indicate infection with *R. prowazeki*, and in view of the patient's past history, a diagnosis of Brill's disease is a reasonable assumption.

Recently, a suspect case of typhus fever (probably murine) was reported in California. The patient was ill on arrival from Mexico on September 17, and was admitted to a hospital. Clinical findings including a rash suggested typhus fever, and Weil Felix reaction with proteus OX-19 antigen was positive 1:320. More specimens of the patient's blood will be examined.

#### Disease of unknown etiology

Dr. A. M. Washburn, Arkansas State Board of Health, reports an outbreak of an illness of unknown etiology among persons in the northwestern part of the State. The cases, approxi-

mately 100, both in children and adults, were confined to 2 small communities in a sparsely populated county. All have recovered, although some prolonged general weakness persists. The illness was characterized by high fever, prostration, chilly sensations, nausea, and severe frontal headache. A few patients were hospitalized where laboratory studies of blood gave no definite findings. Efforts are being made to obtain more information.

**Typhoid fever**

The California Department of Public Health has supplied information on a laboratory proved case of typhoid fever in a 12-year-old girl who lives in a lumber camp. After 2 days of illness with fever, the family consulted a private physician who found "cells and pus" in the child's urine. She was treated but failed to respond, and was admitted to a hospital 3 days later. On admission, a blood culture was found positive for *Salmonella typhosa*, phage type E<sub>1</sub>. A Widal test on the seventh day of ill-

ness gave a positive reaction. An investigation revealed that the patient lives with her parents, brother (aged 14), and sister (aged 7). The home is owned by the camp and was well kept and clean. Her activities included more than those of her family. Many possible sources of infection were investigated, but the most likely source is a grandmother who visited the family during a week-end about 4 weeks before the onset of symptoms. The grandmother was found to be a carrier of the same type of organism found in the child. No other cases have been reported among the 58 persons (33 children) living in the 14 family residences of the camp.

**Gastro-enteritis**

The Los Angeles County Health Department reports 5 cases of gastro-enteritis from 2 items of food, with sources of infection unknown. Three were in persons who ate roast brisket of beef. They became ill with nausea, vomiting, chills,

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	38th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 24, 1955	Ended Sept. 25, 1954	Median 1950-54	First 38 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	1	1	22	17	25	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Botulism-----049.1	-	-	---	6	10	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Brucellosis (undulant fever)-----044	24	46	---	953	1,276	---	---	---	---	---
Diphtheria-----055	43	50	94	1,084	1,235	1,935	375	363	489	July 1
Encephalitis, infectious-----082	53	77	30	1,126	1,396	834	595	840	429	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	491	656	---	25,287	39,843	---	---	---	---	---
Malaria-----110-117	15	19	---	358	531	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Measles-----085	640	972	582	520,342	631,982	471,472	1,943	2,873	2,073	Sept. 1
Meningococcal infections-----057	53	57	50	2,698	3,212	3,212	127	153	141	Sept. 1
Polioyelitis-----080	1,606	2,343	2,169	21,760	26,341	26,341	20,697	24,788	24,788	Apr. 1
Psittacosis-----096.2	<sup>3</sup> 1	4	---	201	454	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rabies in man-----094	-	-	-	4	5	8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rocky Mountain spotted fever-----104A	5	3	6	243	255	290	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Scarlet fever and streptococcal sore throat-----050,051	1,241	1,249	796	116,015	117,853	82,776	10,758	10,112	6,503	Aug. 1
Smallpox-----084	-	-	-	-	-	11	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Trichiniasis-----128	3	6	---	214	193	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tularemia-----059	5	16	13	415	452	490	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Typhoid fever-----040	39	71	65	<sup>4</sup> 1,278	1,694	1,726	<sup>4</sup> 971	1,288	1,421	Apr. 1
Typhus fever, endemic-----101	2	2	---	103	152	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Whooping cough-----056	891	1,217	1,082	51,109	42,489	42,489	68,391	52,246	52,246	Oct. 1
Rabies in animals-----	97	87	90	3,964	5,281	5,324	5,317	7,065	---	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Deductions in numbers of unspecified cases with weeks ended are as follows: Georgia (1), September 10; Michigan (1), September 17; Indiana (1 case each), July 23, 30, August 6, 13, 27, September 3, and (2 cases), August 20. Also in Indiana (1 nonparalytic case), July 16.

<sup>3</sup>Reported in California.

<sup>4</sup>Deduction: Arkansas, week ended July 30, 5 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.

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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 SEPTEMBER 25, 1954 AND SEPTEMBER 24, 1955**

(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)			
									Civilian <sup>1</sup>		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	24	46	43	50	53	77	491	656	9	14	6	5
NEW ENGLAND-----	3	1	-	-	2	1	42	54	-	1	1	2
Maine-----	-	-	-	-	-	-	14	10	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	7	4	-	-	-	-
Massachusetts-----	2	-	-	-	-	1	10	26	-	-	1	2
Rhode Island-----	1	-	-	-	1	-	6	2	-	-	-	-
Connecticut-----	-	-	-	-	1	-	4	12	-	1	-	-
MIDDLE ATLANTIC-----	-	1	2	1	8	7	107	135	-	-	-	1
New York-----	-	1	2	-	6	7	59	97	-	-	-	1
New Jersey-----	-	-	-	-	1	-	3	6	-	-	-	-
Pennsylvania-----	-	-	-	1	1	-	45	32	-	-	-	-
EAST NORTH CENTRAL-----	3	15	-	8	9	2	59	123	-	-	-	-
Ohio-----	-	-	-	1	2	-	13	15	-	-	-	-
Indiana-----	-	-	-	-	7	-	5	7	-	-	-	-
Illinois-----	1	4	-	-	-	1	18	89	-	-	-	-
Michigan-----	2	5	-	7	-	1	14	8	-	-	-	-
Wisconsin-----	-	6	-	-	-	-	9	4	-	-	-	-
WEST NORTH CENTRAL-----	10	15	1	-	5	9	48	85	-	-	-	-
Minnesota-----	2	3	-	-	-	-	20	25	-	-	-	-
Iowa-----	5	9	-	-	-	-	6	42	-	-	-	-
Missouri-----	-	-	-	-	-	2	1	4	-	-	-	-
North Dakota-----	-	1	-	-	-	3	2	4	-	-	-	-
South Dakota-----	3	-	-	-	-	1	6	3	-	-	-	-
Nebraska-----	-	-	-	-	3	1	1	1	-	-	-	-
Kansas-----	-	2	1	-	2	2	12	6	-	-	-	-
SOUTH ATLANTIC-----	1	2	22	26	2	4	50	63	-	1	1	1
Delaware-----	-	-	-	-	-	-	1	1	-	-	-	-
Maryland-----	-	-	-	-	-	-	3	4	-	1	-	-
District of Columbia-----	-	-	-	-	-	-	2	-	-	-	-	-
Virginia-----	-	1	-	1	1	4	12	41	-	-	1	1
West Virginia-----	-	-	-	1	-	-	3	5	-	-	-	-
North Carolina-----	-	-	8	1	1	-	13	5	-	-	-	-
South Carolina-----	-	-	10	6	-	-	4	3	-	-	-	-
Georgia-----	1	-	3	16	-	-	1	1	-	-	-	-
Florida-----	-	1	1	1	-	-	11	3	-	-	-	-
EAST SOUTH CENTRAL-----	1	4	16	9	4	8	47	45	1	-	-	-
Kentucky-----	1	-	1	-	-	-	23	5	-	-	-	-
Tennessee-----	-	2	-	4	1	3	7	13	-	-	-	-
Alabama-----	-	-	11	3	2	1	7	7	-	-	-	-
Mississippi-----	-	2	4	2	1	4	10	20	1	-	-	-
WEST SOUTH CENTRAL-----	3	4	1	5	2	23	20	34	4	8	-	1
Arkansas-----	1	2	-	-	-	1	3	-	-	-	-	1
Louisiana-----	-	-	1	-	-	-	-	4	-	-	-	-
Oklahoma-----	-	-	1	1	1	-	-	2	-	1	-	-
Texas-----	2	2	1	3	1	22	17	28	4	7	-	-
MOUNTAIN-----	-	1	-	1	17	2	40	33	-	-	-	-
Montana-----	-	-	-	-	1	1	18	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	2	6	-	-	-	-
Wyoming-----	-	-	-	-	3	-	4	7	-	-	-	-
Colorado-----	-	-	-	-	2	-	8	8	-	-	-	-
New Mexico-----	-	1	-	-	-	-	2	4	-	-	-	-
Arizona-----	-	-	-	1	-	1	5	8	-	-	-	-
Utah-----	-	-	-	-	-	-	1	-	-	-	-	-
Nevada-----	-	-	-	-	11	-	-	-	-	-	-	-
PACIFIC-----	3	3	1	-	4	21	78	84	4	4	4	-
Washington-----	-	-	1	-	-	-	15	15	-	-	-	-
Oregon-----	1	-	-	-	-	2	18	27	1	-	-	-
California-----	2	3	-	-	4	19	45	42	3	4	4	-
Alaska-----	-	-	-	-	-	-	13	4	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	1	-	-	-	1
Puerto Rico-----	-	-	-	-	-	-	-	1	-	-	-	-

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

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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 SEPTEMBER 25, 1954 AND SEPTEMBER 24, 1955—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)	
	1955	1954	1955	1954	Total <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	640	972	53	57	1,606	2,343	541	822	652	678	5	3
NEW ENGLAND-----	22	99	3	2	276	127	104	25	106	45	-	-
Maine-----	2	11	-	-	11	7	6	3	4	4	-	-
New Hampshire-----	-	6	1	-	10	7	-	-	-	-	-	-
Vermont-----	8	24	1	-	10	2	5	1	5	1	-	-
Massachusetts-----	8	43	1	1	181	80	89	16	66	34	-	-
Rhode Island-----	2	2	-	1	26	7	3	-	1	-	-	-
Connecticut-----	2	13	-	-	36	24	1	5	30	6	-	-
MIDDLE ATLANTIC-----	80	141	10	12	317	301	76	96	136	51	2	-
New York-----	54	55	6	8	208	161	63	64	106	30	-	-
New Jersey-----	12	40	-	1	62	58	13	32	30	21	2	-
Pennsylvania-----	14	46	4	3	47	82	-	-	-	-	-	-
EAST NORTH CENTRAL-----	95	163	18	7	469	616	151	192	156	128	-	-
Ohio-----	15	25	4	2	91	190	17	53	14	17	-	-
Indiana-----	25	4	6	1	21	64	5	12	7	6	-	-
Illinois-----	14	59	-	3	91	172	29	49	36	53	-	-
Michigan-----	18	41	7	1	72	136	21	57	37	44	-	-
Wisconsin-----	23	34	1	-	194	54	79	21	62	8	-	-
WEST NORTH CENTRAL-----	52	93	2	6	117	336	30	103	64	112	-	-
Minnesota-----	2	6	1	1	38	61	14	14	23	16	-	-
Iowa-----	29	61	-	1	19	104	3	34	14	55	-	-
Missouri-----	-	-	1	1	9	40	1	17	6	13	-	-
North Dakota-----	3	22	-	2	4	9	2	-	1	2	-	-
South Dakota-----	-	-	-	-	3	9	-	-	2	3	-	-
Nebraska-----	-	3	-	1	24	57	5	19	14	15	-	-
Kansas-----	18	1	-	-	20	56	5	19	4	8	-	-
SOUTH ATLANTIC-----	46	97	2	5	127	273	52	120	56	94	3	3
Delaware-----	-	2	-	-	-	2	-	1	-	1	-	-
Maryland-----	5	5	-	-	20	20	10	11	10	9	-	-
District of Columbia-----	-	-	-	-	2	3	1	1	1	1	-	-
Virginia-----	12	13	-	-	15	44	6	18	9	23	1	3
West Virginia-----	16	64	-	1	13	36	6	16	5	9	-	-
North Carolina-----	2	9	1	1	19	39	6	16	8	17	2	-
South Carolina-----	6	-	-	-	21	14	7	6	6	2	-	-
Georgia-----	4	2	-	1	29	29	14	4	13	8	-	-
Florida-----	1	2	1	2	8	86	2	47	4	24	-	-
EAST SOUTH CENTRAL-----	18	21	4	8	40	113	13	53	17	28	-	-
Kentucky-----	3	2	1	3	15	49	2	26	11	16	-	-
Tennessee-----	7	13	1	1	19	49	8	25	6	10	-	-
Alabama-----	4	4	2	4	5	4	3	2	-	1	-	-
Mississippi-----	4	2	-	-	1	11	-	-	-	1	-	-
WEST SOUTH CENTRAL-----	81	141	5	9	77	133	33	63	32	38	-	-
Arkansas-----	3	1	1	2	4	12	-	8	3	3	-	-
Louisiana-----	-	-	-	2	16	14	11	9	5	5	-	-
Oklahoma-----	6	3	-	-	7	20	2	6	1	3	-	-
Texas-----	72	137	4	5	50	87	20	40	23	27	-	-
MOUNTAIN-----	73	73	4	1	46	134	19	27	20	27	-	-
Montana-----	17	10	-	-	18	11	9	3	4	3	-	-
Idaho-----	-	26	-	-	6	16	3	-	3	-	-	-
Wyoming-----	1	2	-	-	-	23	-	9	-	-	-	-
Colorado-----	17	7	3	-	9	26	3	8	6	11	-	-
New Mexico-----	13	17	-	-	4	11	1	4	3	1	-	-
Arizona-----	19	9	1	1	8	16	3	3	4	12	-	-
Utah-----	5	2	-	-	1	25	-	-	-	-	-	-
Nevada-----	1	-	-	-	-	6	-	-	-	-	-	-
PACIFIC-----	173	144	5	7	137	310	63	143	65	155	-	-
Washington-----	32	37	1	-	30	29	14	10	8	11	-	-
Oregon-----	25	5	-	3	18	21	13	10	5	7	-	-
California-----	116	102	4	4	89	260	36	123	52	137	-	-
Alaska-----	2	1	-	1	1	18	-	8	1	10	-	-
Hawaii-----	8	4	-	-	6	3	6	3	-	-	-	-
Puerto Rico-----	34	78	-	1	1	-	1	-	-	-	-	-

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

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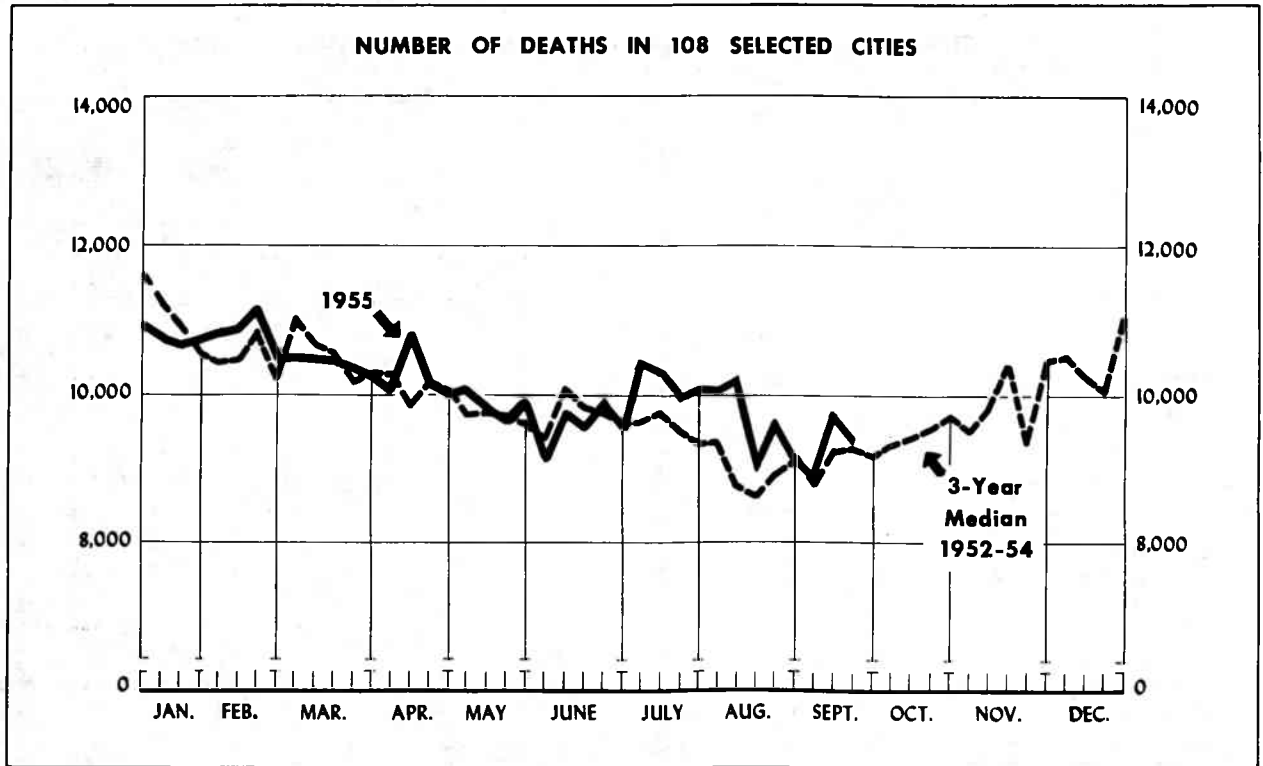
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 25, 1954 AND SEPTEMBER 24, 1955—Continued**

(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	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	1,241	1,249	3	5	16	39	71	2	891	1,217	97	87
NEW ENGLAND-----	26	36	-	-	-	1	1	-	26	91	-	-
Maine-----	2	4	-	-	-	-	-	-	4	-	-	-
New Hampshire-----	1	2	-	-	-	-	-	-	-	-	-	-
Vermont-----	2	4	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	11	17	-	-	-	-	1	-	10	35	-	-
Rhode Island-----	1	1	-	-	-	1	-	-	1	13	-	-
Connecticut-----	9	8	-	-	-	-	-	-	10	43	-	-
MIDDLE ATLANTIC-----	45	42	3	-	1	7	5	-	125	212	29	10
New York-----	31	24	3	-	1	2	-	-	56	94	19	9
New Jersey-----	6	7	-	-	-	1	-	-	34	40	-	-
Pennsylvania-----	8	11	-	-	-	4	5	-	35	78	10	1
EAST NORTH CENTRAL-----	97	79	-	1	2	4	6	-	242	363	3	10
Ohio-----	30	15	-	-	-	1	3	-	46	74	-	1
Indiana-----	13	12	-	-	-	1	-	-	54	35	1	6
Illinois-----	19	17	-	1	2	1	3	-	28	55	-	2
Michigan-----	26	25	-	-	-	1	-	-	77	145	1	1
Wisconsin-----	9	10	-	-	-	-	-	-	37	56	1	-
WEST NORTH CENTRAL-----	37	45	-	1	1	1	2	-	48	79	13	9
Minnesota-----	13	22	-	-	-	-	-	-	7	26	2	5
Iowa-----	1	5	-	-	-	-	-	-	16	12	4	-
Missouri-----	3	1	-	1	1	1	1	-	1	16	6	3
North Dakota-----	12	14	-	-	-	-	1	-	6	12	-	-
South Dakota-----	5	3	-	-	-	-	-	-	-	7	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	1	1
Kansas-----	3	-	-	-	-	-	-	-	18	6	-	-
SOUTH ATLANTIC-----	148	124	-	-	1	8	14	2	71	113	22	17
Delaware-----	-	-	-	-	-	-	-	-	3	-	-	-
Maryland-----	6	7	-	-	-	1	-	-	6	11	-	-
District of Columbia-----	-	5	-	-	-	-	-	-	2	2	-	-
Virginia-----	78	49	-	-	1	1	3	1	9	19	9	5
West Virginia-----	5	24	-	-	-	3	1	-	15	54	3	5
North Carolina-----	14	13	-	-	-	-	6	-	8	11	4	2
South Carolina-----	10	5	-	-	-	2	3	-	3	6	4	1
Georgia-----	30	18	-	-	-	-	-	-	16	4	-	3
Florida-----	5	3	-	-	-	1	1	1	9	6	2	1
EAST SOUTH CENTRAL-----	91	46	-	-	-	6	19	-	93	53	10	16
Kentucky-----	63	14	-	-	-	2	8	-	36	37	2	2
Tennessee-----	10	24	-	-	-	3	6	-	22	13	2	4
Alabama-----	12	5	-	-	-	-	1	-	23	2	5	8
Mississippi-----	6	3	-	-	-	1	4	-	12	1	1	2
WEST SOUTH CENTRAL-----	469	602	-	1	3	8	14	-	135	90	14	24
Arkansas-----	59	52	-	1	1	-	3	-	19	19	-	3
Louisiana-----	-	3	-	-	-	1	3	-	1	1	<sup>3</sup> 9	-
Oklahoma-----	14	8	-	-	2	2	-	-	13	1	-	-
Texas-----	396	539	-	-	-	5	8	-	102	69	5	21
MOUNTAIN-----	237	151	-	2	3	2	6	-	55	29	-	-
Montana-----	3	4	-	1	1	-	-	-	2	3	-	-
Idaho-----	7	-	-	-	-	-	-	-	2	2	-	-
Wyoming-----	2	3	-	1	2	-	1	-	-	-	-	-
Colorado-----	42	17	-	-	-	1	-	-	15	1	-	-
New Mexico-----	43	20	-	-	-	1	1	-	10	1	-	-
Arizona-----	130	92	-	-	-	-	4	-	21	21	-	-
Utah-----	10	15	-	-	-	-	-	-	5	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	1	-	-
PACIFIC-----	91	124	-	-	5	2	4	-	96	187	6	1
Washington-----	25	42	-	-	-	-	-	-	14	20	-	-
Oregon-----	21	22	-	-	1	-	-	-	3	15	-	-
California-----	45	60	-	-	4	2	4	-	79	152	6	1
Alaska-----	3	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	3	4	-	10	19	-	1

<sup>3</sup>Report for August.

## Morbidity and Mortality Weekly Report



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 with a weekly average of 50 deaths, 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	38th week ended Sept. 24, 1955	37th week ended Sept. 17, 1955	38th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 38 WEEKS		
					1955	1954	Percent change
TOTAL: 107 REPORTING CITIES-----	9,278	9,690	9,210	+0.7	379,844	368,471	+3.1
New England----- (14 cities)	614	560	638	-3.8	25,898	24,600	+5.3
Middle Atlantic----- (17 cities)	2,736	2,596	2,784	-1.7	112,852	108,653	+3.9
East North Central----- (18 cities)	2,051	2,061	2,042	+0.4	84,207	81,336	+3.5
West North Central----- (9 cities)	712	695	683	+4.2	27,437	28,120	-2.4
South Atlantic----- (9 cities)	683	713	662	+3.2	28,931	28,369	+2.0
East South Central----- (7 cities)	379	352	309	+22.7	13,832	13,402	+3.2
West South Central----- (13 cities)	705	889	683	+3.2	29,844	29,362	+1.6
Mountain----- (8 cities)	213	204	210	+1.4	8,988	8,554	+5.1
Pacific----- (12 cities)	1,185	1,620	1,145	+3.5	47,855	46,075	+3.9

# Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 24, 1955

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

CITY	38th week ended Sept. 24, 1955	37th week ended Sept. 17, 1955	CUMULATIVE NUMBER FOR FIRST 38 WEEKS		CITY	38th week ended Sept. 24, 1955	37th week ended Sept. 17, 1955	CUMULATIVE NUMBER FOR FIRST 38 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND				WEST NORTH CENTRAL--Con.					
Boston-----	225	188	8,833	8,254	St. Louis-----	218	211	8,305	8,794
Bridgeport-----	32	24	1,401	1,332	St. Paul-----	61	72	2,428	2,400
Cambridge-----	24	25	1,087	1,025	Wichita-----	35	35	1,439	1,627
Fall River-----	22	22	1,036	1,028	SOUTH ATLANTIC				
Hartford-----	40	36	1,732	1,703	Atlanta-----	92	100	3,891	3,941
Lowell-----	25	24	943	1,023	Baltimore-----	194	192	8,484	8,015
Lynn-----	20	13	858	803	Charlotte-----	20	34	1,054	1,118
New Bedford-----	18	17	907	840	Jacksonville-----	(44)	(52)	(1,787)	(1,860)
New Haven-----	28	38	1,631	1,605	Miami-----	49	59	2,043	2,411
Providence-----	57	55	2,406	2,276	Norfolk-----	25	34	1,188	1,076
Somerville-----	11	17	574	522	Richmond-----	61	55	2,410	2,377
Springfield, Mass.-----	47	31	1,565	1,452	Savannah-----	(34)	(29)	(1,069)	(1,063)
Waterbury-----	21	19	956	886	Tampa-----	61	53	2,084	1,984
Worcester-----	44	51	1,963	1,851	Washington, D. C.-----	148	155	6,428	6,228
MIDDLE ATLANTIC				EAST SOUTH CENTRAL					
Albany-----	40	38	1,809	1,694	Birmingham-----	73	77	2,893	2,780
Allentown-----	(23)	(47)	(1,378)	(1,255)	Chattanooga-----	53	50	1,663	1,644
Buffalo-----	132	148	5,121	5,074	Knoxville-----	27	26	1,269	1,271
Camden-----	32	36	1,394	1,391	Louisville-----	---	(95)	---	(4,069)
Elizabeth-----	22	22	1,005	1,051	Memphis-----	128	98	3,752	3,638
Erie-----	26	39	1,333	1,266	Mobile-----	22	30	1,093	1,200
Jersey City-----	64	58	2,627	2,534	Montgomery-----	39	27	985	979
Newark, N. J.-----	87	79	3,799	3,622	Nashville-----	37	44	2,177	1,890
New York City-----	1,420	1,337	58,962	57,104	WEST SOUTH CENTRAL				
Paterson-----	34	29	1,417	1,412	Austin-----	19	33	970	955
Philadelphia-----	407	396	18,153	17,306	Baton Rouge-----	11	20	790	801
Pittsburgh-----	215	169	6,712	5,986	Corpus Christi-----	17	18	658	655
Reading-----	---	(18)	---	(762)	Dallas-----	86	116	3,674	3,773
Rochester, N. Y.-----	79	92	3,526	3,417	El Paso-----	30	19	1,088	1,000
Schenectady-----	21	14	854	932	Fort Worth-----	49	59	2,048	2,103
Scranton-----	(43)	(43)	(1,275)	(1,261)	Houston-----	104	146	4,702	4,564
Syracuse-----	54	59	2,095	2,044	Little Rock-----	45	48	1,694	1,542
Trenton-----	38	24	1,811	1,662	New Orleans-----	125	165	5,677	5,591
Utica-----	36	23	1,136	1,145	Oklahoma City-----	55	61	2,137	2,248
Yonkers-----	29	33	1,098	1,013	San Antonio-----	82	90	3,249	3,228
EAST NORTH CENTRAL				MOUNTAIN					
Akron-----	52	47	1,993	2,047	Albuquerque-----	18	19	866	982
Canton-----	34	32	1,027	1,070	Colorado Springs-----	9	9	492	444
Chicago-----	680	629	27,443	26,966	Denver-----	95	107	4,072	3,784
Cincinnati-----	121	144	5,635	5,264	Ogden-----	7	13	412	414
Cleveland-----	197	197	7,451	7,454	Phoenix-----	24	14	900	788
Columbus-----	87	109	4,040	3,786	Pueblo-----	10	10	487	498
Dayton-----	57	57	2,474	2,365	Salt Lake City-----	46	30	1,591	1,489
Detroit-----	303	302	12,336	11,532	Tucson-----	4	2	168	155
Evansville-----	22	18	1,189	1,137	PACIFIC				
Flint-----	32	30	1,384	1,420	Berkeley-----	16	30	680	668
Fort Wayne-----	29	25	1,280	981	Long Beach-----	47	54	1,867	1,828
Gary-----	(30)	(21)	(1,050)	(953)	Los Angeles-----	446	783	17,453	16,399
Grand Rapids-----	28	49	1,591	1,469	Oakland-----	70	90	3,274	3,451
Indianapolis-----	111	114	4,160	4,161	Pasadena-----	26	50	1,405	1,241
Milwaukee-----	111	116	4,738	4,574	Portland, Oreg.-----	81	91	3,546	3,703
Peoria-----	27	34	1,098	1,140	Sacramento-----	49	58	1,864	1,702
South Bend-----	28	22	931	849	San Diego-----	89	84	2,787	2,706
Toledo-----	83	88	3,486	3,316	San Francisco-----	176	206	7,002	6,881
Youngstown-----	49	48	1,951	1,805	Seattle-----	110	108	4,827	4,539
WEST NORTH CENTRAL				HONOLULU					
Des Moines-----	51	57	1,959	1,897	Spokane-----	41	41	1,716	1,686
Duluth-----	39	26	987	1,023	Tacoma-----	34	25	1,434	1,271
Kansas City, Kans.-----	28	37	1,338	1,269	Honolulu-----	(36)	(28)	(1,337)	(1,282)
Kansas City, Mo.-----	101	87	4,118	4,524					
Minneapolis-----	117	108	4,427	4,277					
Omaha-----	62	62	2,436	2,309					

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

## EPIDEMIOLOGICAL REPORTS—Continued

sweating, cramps, diarrhea, and prostration about 3 hours later. The meat was purchased in the morning, roasted, and some was eaten at 3:00 p.m. while still warm. Some was carried to another place and served at 6:00 p.m. Illnesses resulted from the meat at both servings. Bacteriological examination of the beef revealed staphylococci. A frozen precooked beef dinner was responsible for the other 2 cases. This dinner was purchased from the store and was still frozen when put into an oven to be warmed. It was warmed at 450 degrees for 25 minutes as directed. No specimens were collected for laboratory examination.

The Los Angeles City Health Department reports an outbreak of gastro-enteritis in a private home. Five persons became ill from 11 to 19 hours after eating a meal of fried fish and Frenchfried potatoes. Laboratory examination of uncooked breaded fish was negative for salmonella, but a large number of micrococci were found.

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