

# 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 11, 1954

A total of 2,121 cases of poliomyelitis was reported for the current week. This is a slight increase over the 2,105 cases reported for the previous week, but below the 2,200 cases reported for each of the last 2 weeks in August. The incidence of the disease continues to increase in Illinois, Massachusetts, and Pennsylvania. However, the increases in these States for the current week are relatively small. Increases were also noted in Kentucky and Nebraska.

The cumulative total cases of poliomyelitis for the year to date is 21,332 as compared with 31,261 and 22,436 for the corresponding periods of 1952 and 1953, respectively. For the "disease year," which began about April 1, 1954, the cumulative total is 19,780 as compared with 20,855 for the corresponding period of 1953. In 1952, the corresponding total was 30,006.

For the current week, a total of 97 cases of infectious encephalitis was reported, 52 of which were in Texas, and 29 in California. In California, cases of the disease have been reported for many weeks, but this is the second week that a large number of cases have been reported in Texas. Last week, 28 cases were reported in the State. An outbreak of an illness suspected to be encephalitis has been reported in the southern part of the State. See the section on Disease of unknown etiology.

### EPIDEMIOLOGICAL REPORTS

#### Chickenpox reported as suspect smallpox

Dr. S. B. Osgood, Oregon State Board of Health, reports that a private physician listed a case of illness in a 1-year-old child as smallpox. An investigation revealed that 2 small children in a household had a mild illness characterized by the appearance of successive crops of sparsely distributed tear drop vesicles on the head, face, chest, and abdomen at an interval of 16 days between the cases. Neither child had been vaccinated for smallpox. The 4 persons in the family were all permanent residents of the local area and had made no recent trips outside the community. A diagnosis of chickenpox was made after another physician had looked at the child and the attending physician admitted that his report of smallpox was in error. He had never seen a proven case of smallpox. No evidence on which to base a diagnosis of smallpox was found from questioning the parents and the examining physicians, and since both children have recovered completely no laboratory tests were taken.

#### Disease of unknown etiology

Dr. Henry A. Holle, Texas State Health Officer, reports that a concerted effort is being made by local, State, and Federal agencies to determine the type of illness affecting Hidalgo County citizens. The common symptoms are severe headache, fever, stiff neck, and varying degrees of drowsiness or stupor. The mortality rate has been quite low and the acute illness lasts but a few days. During the latter part of August from 400 to 600 cases of a disease, with clinical symptoms resembling encephalitis, were reported from this area. There are several types of virus encephalitis which require extensive and time consuming laboratory tests for identification. Efforts are being made to identify the causative agent. A mosquito control program has been started as a preventive measure, even though the mosquito has not been identified as the carrier or vector of this outbreak.

Blood samples and other material for laboratory study as well as mosquitoes are being collected.

#### Psittacosis

Dr. A. J. Chesley, Minnesota Department of Health, reports that psittacosis virus was present in a parakeet which had been purchased from a local store. The source of birds in this store was a company in Chicago. This is the third time this year that the virus has been isolated from birds in Minnesota from this source. The owner of this bird developed a headache, chills, fever, and a slight cough early in August. X-ray findings were atypical pneumonia. The complement fixation test was negative for psittacosis on a blood specimen received August 13. It was positive for the disease in a dilution of 1:4 on a specimen received 2 weeks later. The final diagnosis will not be made until results of a third blood specimen have been received.

The California Department of Public Health reports 3 cases of psittacosis. Two cases were in a man and woman who developed symptoms on approximately the same date. They had been in contact with a household pet psittacine bird. This bird died shortly after the onsets of their illnesses, and was not available for laboratory tests. The diagnosis of psittacosis was confirmed by complement fixation tests on blood specimens from the patients. The third case was in a woman who became ill 2 or 3 weeks after she had purchased a parakeet. The bird appeared healthy but was destroyed and sent to the laboratory for examination. The report on animal inoculation has not yet been received. Complement fixation tests on blood specimens of the patient were positive for psittacosis.

#### Bovine tuberculosis

The Michigan Veterinary Reporting Service reports that 4 herds of cattle are badly infected with tuberculosis. Nearly 80 percent of the cattle in these herds are tuberculin reactors. Three small children using milk from one of the herds are reported to be tuberculin reactors. Five persons, 4 of which are tuberculin reactors, are involved with another herd. A child with an infected cervical gland is reported in connection with a third herd.

#### Influenza

The Influenza Information Center, NIH, has received information from the Preventive Medicine Division, SGO, U. S. Air Force, that of 9 paired serum samples submitted from an outbreak of illness early in August at an Air Force Base in the Philippine Islands, one showed a significant rise in antibody titer to strain Influenza A (FM1-1947).

#### Chemical poisoning

Dr. J. D. Martin, Louisiana Department of Health, reports an outbreak of chemical poisoning in an institution. Of 350 people drinking a lime beverage, 160 became ill with fever, nausea, vomiting, stomach cramps, and diarrhea. Sixty persons in one group developed symptoms in about 3½ hours, while those in another group were unaffected for about 12 hours. The beverage had been made in an aluminum container, but half of it was transferred to a galvanized tub for storage about an hour before being served. Stool cultures were negative for salmonella and shigella.

types of organisms. Chemical tests revealed the presence of zinc, which was considered sufficient to cause gastro-intestinal disturbances.

Gastro-enteritis

The Los Angeles City Health Department reports an outbreak of gastro-enteritis in a private residence. Of 13 people eating a turkey dinner, 12 became ill from 4½ to 11 hours later. Cramps and diarrhea were the most prevalent symptoms. Vomiting was absent in all cases. The meat, a frozen turkey, was purchased at a local market and placed in a refrigerator about 20 minutes later. It remained at room temperature during the preparation (1 hour) and after being cooked (1½ hours). The meat was sliced and served from 2:30 to 6:00 p.m. Bacteriological examination of specimens of the turkey failed to show any pathogens.

The California Department of Public Health reports that 3 persons became ill with nausea, vomiting, diarrhea, cramps, prostration, and muscle weakness about 4 hours after eating custard pie. The pie had been purchased from a bakery wagon at the door of a private residence. Laboratory examination of a specimen of the pie revealed the presence of micrococcus organisms.

Communicable diseases in other areas

The Pan American Sanitary Bureau has received information from health authorities in Trinidad, B.W.I., that Port-of-Spain and Cascade Valley, north of and contiguous to Port-of-Spain has been declared infected with yellow fever. A case of yellow fever, with onset August 7, was reported in Cascade Suburb, Port-of-Spain, recently.

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	36th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 11, 1954	Ended Sept. 12, 1953	Median 1949-53	First 36 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	1	-	-	16	22	30	(2)	(2)	(2)	(2)
Botulism-----049.1	32	-	---	10	15	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	38	35	---	<sup>4</sup> 1,178	1,269	---	(2)	(2)	(2)	(2)
Diphtheria-----055	42	42	74	<sup>5</sup> 1,151	1,391	2,460	<sup>5</sup> 279	339	490	July 1
Encephalitis, infectious-----082	97	30	34	<sup>6</sup> 1,233	771	710	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092,N998.5 pt.	749	546	---	38,432	22,533	---	(2)	(2)	(2)	(2)
Malaria-----110-117	12	41	---	496	1,096	---	(2)	(2)	(2)	(2)
Measles-----085	902	728	694	630,011	412,213	469,784	2,183	1,535	1,354	Sept. 1
Meningococcal infections-----057	44	51	49	73,103	3,869	3,010	87	104	91	Sept. 1
Poliomyelitis-----080	2,121	2,111	2,111	<sup>8</sup> 21,332	22,436	22,436	<sup>8</sup> 19,780	20,855	20,855	Apr. 1
Psittacosis-----096.2	<sup>9</sup> 1	1	---	396	37	---	(2)	(2)	(2)	(2)
Rabies in man-----094	<sup>10</sup> 1	-	-	5	6	6	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	7	7	7	247	257	282	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	1,092	963	291	115,502	104,971	58,588	7,761	5,364	1,631	Aug. 1
Smallpox-----084	-	-	-	-	5	13	(2)	(2)	(2)	(2)
Trichiniasis-----128	2	8	---	184	292	---	(2)	(2)	(2)	(2)
Tularemia-----059	11	4	11	420	387	477	(2)	(2)	(2)	(2)
Typhoid fever-----040	59	79	79	<sup>11</sup> 1,549	1,591	1,779	<sup>11</sup> 1,140	1,286	1,313	Apr. 1
Typhus fever, endemic-----101	6	4	---	143	179	---	109	139	---	Apr. 1
Whooping cough-----056	1,071	751	988	39,987	24,720	42,340	49,744	32,577	52,378	Oct. 1
Rabies in animals-----	82	107	---	5,075	5,296	---	(2)	(2)	(2)	(2)

<sup>1</sup>Reported in Pennsylvania.

<sup>2</sup>Information not available or frequencies are too small.

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

<sup>4</sup>Additions: Pennsylvania and Tennessee, week ended August 28, 1 case each. Ohio and South Dakota, week ended September 4, 1 case each.

<sup>5</sup>Addition: Ohio, week ended September 4, 1 case.

<sup>6</sup>Addition: Idaho, week ended August 28, 1 case.

<sup>7</sup>Deduction: Oklahoma, week ended August 28, 1 case.

<sup>8</sup>Addition: Utah, week ended March 12, 1 case. Deductions: Georgia, week ended August 14, 1 case; Maine, week ended August 21, 1 case; and Texas, week ended August 28, 3 cases.

<sup>9</sup>Reported in California.

<sup>10</sup>Reported in Texas.

<sup>11</sup>Addition: Indiana, week ended August 28, 1 case.

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 12, 1953, AND SEPTEMBER 11, 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)			
									Civilian <sup>1</sup>		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	38	35	42	42	97	30	749	546	9	16	3	25
NEW ENGLAND-----	1	1	-	-	-	-	53	45	-	-	-	-
Maine-----	-	-	-	-	-	-	15	9	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	7	-	-	-	-
Vermont-----	-	1	-	-	-	-	6	1	-	-	-	-
Massachusetts-----	-	-	-	-	-	-	14	16	-	-	-	-
Rhode Island-----	1	-	-	-	-	-	7	10	-	-	-	-
Connecticut-----	-	-	-	-	-	-	11	2	-	-	-	-
MIDDLE ATLANTIC-----	5	2	2	-	2	2	151	66	-	-	-	2
New York-----	1	-	1	-	2	1	90	53	-	-	-	1
New Jersey-----	-	-	-	-	-	1	12	1	-	-	-	1
Pennsylvania-----	4	2	1	-	-	-	49	12	-	-	-	-
EAST NORTH CENTRAL-----	18	10	-	6	3	1	63	74	1	-	1	-
Ohio-----	-	-	-	6	-	-	12	9	-	-	-	-
Indiana-----	-	-	-	-	-	1	7	14	-	-	-	-
Illinois-----	10	10	-	-	1	-	24	41	1	-	1	-
Michigan-----	5	-	-	-	2	-	17	8	-	-	-	-
Wisconsin-----	3	-	-	-	-	-	3	2	-	-	-	-
WEST NORTH CENTRAL-----	10	5	4	1	7	20	84	79	2	-	-	-
Minnesota-----	4	-	-	-	-	1	29	17	-	-	-	-
Iowa-----	3	4	-	1	2	-	34	25	-	-	-	-
Missouri-----	3	1	1	-	1	-	5	4	-	-	-	-
North Dakota-----	-	-	-	-	3	17	3	1	-	-	-	-
South Dakota-----	-	-	-	-	-	2	6	-	-	-	-	-
Nebraska-----	-	-	3	-	-	-	6	28	-	-	-	-
Kansas-----	-	-	-	-	1	-	1	4	2	-	-	-
SOUTH ATLANTIC-----	1	5	13	14	-	-	92	100	-	1	1	6
Delaware-----	-	-	-	-	-	-	1	2	-	-	-	-
Maryland-----	-	-	-	-	-	-	5	8	-	1	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	2	-	1	-	-	53	55	-	-	-	2
West Virginia-----	-	2	-	-	-	-	8	10	-	-	-	-
North Carolina-----	-	1	-	-	-	-	1	5	-	-	-	-
South Carolina-----	-	-	9	4	-	-	20	3	-	-	-	1
Georgia-----	-	-	1	7	-	-	1	13	-	-	1	-
Florida-----	-	-	3	2	-	-	3	4	-	-	-	3
EAST SOUTH CENTRAL-----	-	3	12	15	3	-	140	66	-	1	-	-
Kentucky-----	-	1	1	-	-	-	75	7	-	-	-	-
Tennessee-----	-	1	-	3	1	-	13	16	-	-	-	-
Alabama-----	-	-	9	12	1	-	13	8	-	-	-	-
Mississippi-----	-	1	2	-	1	-	39	35	-	1	-	-
WEST SOUTH CENTRAL-----	2	5	9	3	52	-	38	24	6	11	-	-
Arkansas-----	-	-	4	-	-	-	7	3	-	-	-	-
Louisiana-----	2	1	-	-	-	-	1	-	-	-	-	-
Oklahoma-----	-	-	3	1	-	-	6	4	2	2	-	-
Texas-----	-	4	2	2	52	-	24	17	4	9	-	-
MOUNTAIN-----	1	1	1	-	1	2	56	8	-	-	-	-
Montana-----	1	-	-	-	1	2	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	6	1	-	-	-	-
Wyoming-----	-	-	1	-	-	-	12	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	7	3	-	-	-	-
New Mexico-----	-	1	-	-	-	-	3	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	28	3	-	-	-	-
Utah-----	-	-	-	-	-	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	3	1	3	29	5	72	84	-	3	1	17
Washington-----	-	-	-	-	-	-	13	14	-	-	1	4
Oregon-----	-	-	-	1	-	-	31	15	-	2	-	1
California-----	-	3	1	2	29	5	28	55	-	1	-	12
Alaska-----	-	-	-	-	-	-	4	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	2
Puerto Rico-----	-	-	1	9	-	-	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 12, 1953, AND SEPTEMBER 11, 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
CONT. UNITED STATES-----	902	728	44	51	2,121	2,111	775	565	628	631	7	7
NEW ENGLAND-----	94	27	3	2	130	133	26	53	62	52	-	-
Maine-----	15	7	-	-	5	31	2	16	1	15	-	-
New Hampshire-----	1	14	-	-	1	9	-	-	-	-	-	-
Vermont-----	19	-	1	-	6	11	3	7	1	3	-	-
Massachusetts-----	39	4	2	1	83	32	16	12	54	11	-	-
Rhode Island-----	11	-	-	-	12	32	-	15	-	17	-	-
Connecticut-----	9	2	-	1	23	18	5	3	6	6	-	-
MIDDLE ATLANTIC-----	197	109	9	4	283	325	64	65	47	46	1	-
New York-----	89	72	3	2	122	182	30	47	29	24	-	-
New Jersey-----	60	10	3	1	57	41	34	18	18	22	-	-
Pennsylvania-----	48	27	3	1	104	102	-	-	-	-	1	-
EAST NORTH CENTRAL-----	154	129	11	16	464	573	163	101	131	157	-	-
Ohio-----	18	27	3	6	137	183	38	32	34	38	-	-
Indiana-----	21	11	3	3	47	85	15	-	4	-	-	-
Illinois-----	20	21	3	2	148	113	63	25	45	36	-	-
Michigan-----	36	24	2	4	115	147	43	44	44	83	-	-
Wisconsin-----	59	46	-	1	17	45	4	-	4	-	-	-
WEST NORTH CENTRAL-----	44	21	2	3	352	367	134	78	108	93	-	-
Minnesota-----	10	1	-	-	38	192	19	46	12	53	-	-
Iowa-----	8	6	-	1	101	32	33	7	41	21	-	-
Missouri-----	5	2	2	-	51	42	30	15	13	11	-	-
North Dakota-----	14	5	-	2	13	14	5	1	2	3	-	-
South Dakota-----	3	-	-	-	5	38	-	-	2	-	-	-
Nebraska-----	4	2	-	-	88	16	34	5	23	3	-	-
Kansas-----	-	5	-	-	56	33	13	4	15	2	-	-
SOUTH ATLANTIC-----	86	59	4	9	244	237	105	92	72	99	4	6
Delaware-----	-	3	-	-	-	3	-	1	-	2	-	-
Maryland-----	1	3	-	1	15	42	8	25	7	17	-	1
District of Columbia-----	1	1	-	-	4	5	3	-	1	-	-	-
Virginia-----	17	6	1	5	44	45	21	14	15	27	2	4
West Virginia-----	54	9	-	1	42	30	18	13	12	11	-	-
North Carolina-----	3	9	2	2	37	31	14	11	16	12	2	1
South Carolina-----	3	9	-	-	13	11	6	3	3	4	-	-
Georgia-----	4	11	-	-	56	22	27	8	8	5	-	-
Florida-----	3	8	1	-	33	48	8	17	10	21	-	-
EAST SOUTH CENTRAL-----	37	29	4	4	148	84	62	25	33	40	-	-
Kentucky-----	-	7	1	2	82	17	44	6	23	8	-	-
Tennessee-----	18	5	2	-	34	24	3	3	5	15	-	-
Alabama-----	4	10	-	-	19	23	11	14	5	9	-	-
Mississippi-----	15	7	1	2	13	20	4	2	-	8	-	-
WEST SOUTH CENTRAL-----	145	109	3	4	195	108	83	34	71	41	2	1
Arkansas-----	7	4	1	1	16	16	13	9	2	6	-	-
Louisiana-----	2	4	-	-	19	16	13	6	6	10	2	-
Oklahoma-----	18	1	-	1	29	29	7	4	2	4	-	-
Texas-----	118	100	2	2	131	47	50	15	61	21	-	1
MOUNTAIN-----	52	65	2	3	94	74	22	11	19	28	-	-
Montana-----	4	2	1	1	7	14	4	2	1	10	-	-
Idaho-----	1	4	-	-	11	4	-	-	-	-	-	-
Wyoming-----	1	3	-	-	20	4	1	-	1	1	-	-
Colorado-----	13	22	-	2	24	19	11	7	8	7	-	-
New Mexico-----	17	-	1	-	17	4	4	-	4	-	-	-
Arizona-----	13	5	-	-	9	22	2	2	5	10	-	-
Utah-----	3	29	-	-	1	5	-	-	-	-	-	-
Nevada-----	-	-	-	-	5	2	-	-	-	-	-	-
PACIFIC-----	93	180	6	6	211	210	116	106	85	75	-	-
Washington-----	15	32	-	2	25	28	13	-	9	-	-	-
Oregon-----	13	19	1	1	27	22	18	15	5	6	-	-
California-----	65	129	5	3	159	160	85	91	71	69	-	-
Alaska-----	16	136	-	-	11	2	4	-	4	-	-	-
Hawaii-----	5	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	50	15	-	-	-	2	-	2	-	-	-	-

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

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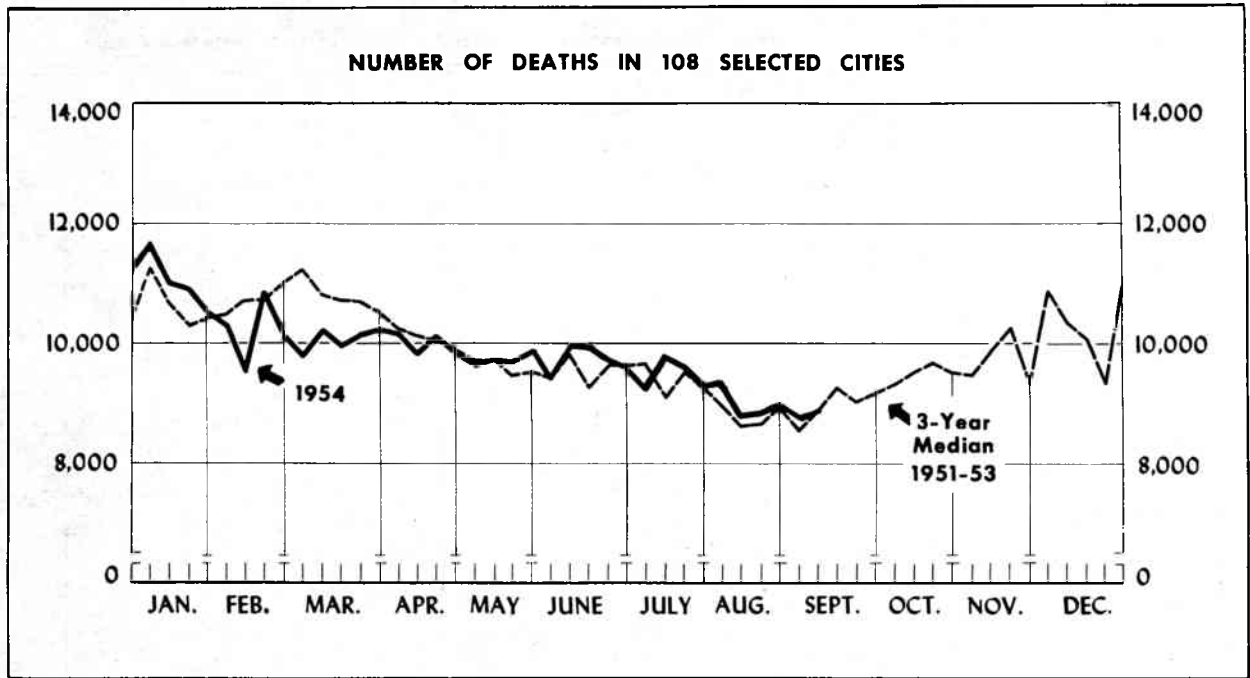
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 12, 1953, AND SEPTEMBER 11, 1954—Continued

(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)		TRICHI-NIASIS (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-----	1,092	963	2	11	4	59	79	6	1,071	751	82	107
NEW ENGLAND-----	27	12	-	-	-	1	1	-	103	50	-	-
Maine-----	3	1	-	-	-	-	-	-	11	6	-	-
New Hampshire-----	1	1	-	-	-	-	1	-	1	-	-	-
Vermont-----	4	-	-	-	-	-	-	-	-	9	-	-
Massachusetts-----	10	9	-	-	-	1	-	-	50	21	-	-
Rhode Island-----	2	-	-	-	-	-	-	-	16	4	-	-
Connecticut-----	7	1	-	-	-	-	-	-	25	10	-	-
MIDDLE ATLANTIC-----	28	34	-	-	-	7	10	-	146	212	4	9
New York-----	17	23	-	-	-	4	1	-	72	118	4	9
New Jersey-----	4	6	-	-	-	-	1	-	29	33	-	-
Pennsylvania-----	7	5	-	-	-	3	8	-	45	61	-	-
EAST NORTH CENTRAL-----	73	48	-	-	1	3	12	-	244	200	4	10
Ohio-----	15	-	-	-	-	2	8	-	67	50	2	-
Indiana-----	25	10	-	-	-	-	2	-	22	18	-	9
Illinois-----	16	17	-	-	1	1	2	-	61	22	-	1
Michigan-----	10	13	-	-	-	-	-	-	74	92	-	-
Wisconsin-----	7	8	-	-	-	-	-	-	20	18	2	-
WEST NORTH CENTRAL-----	34	36	-	-	-	6	5	-	90	35	9	5
Minnesota-----	16	11	-	-	-	-	-	-	32	15	-	1
Iowa-----	1	5	-	-	-	4	-	-	5	10	5	-
Missouri-----	1	2	-	-	-	2	3	-	16	4	2	2
North Dakota-----	14	14	-	-	-	-	1	-	16	-	-	1
South Dakota-----	-	2	-	-	-	-	-	-	10	-	-	-
Nebraska-----	1	-	-	-	-	-	1	-	-	-	2	1
Kansas-----	1	2	-	-	-	-	-	-	11	6	-	-
SOUTH ATLANTIC-----	84	100	-	1	2	5	17	4	150	63	26	18
Delaware-----	-	1	-	-	-	-	1	-	-	7	-	-
Maryland-----	1	2	-	-	-	-	-	-	7	9	-	-
District of Columbia-----	1	4	-	-	-	-	-	-	2	2	-	-
Virginia-----	48	55	-	1	1	-	3	-	41	8	5	6
West Virginia-----	12	9	-	-	-	1	2	-	70	20	11	7
North Carolina-----	7	9	-	-	-	-	2	-	5	7	2	2
South Carolina-----	1	2	-	-	-	1	6	1	14	3	5	1
Georgia-----	10	11	-	-	1	3	1	3	7	-	2	2
Florida-----	4	7	-	-	-	-	2	-	4	7	1	-
EAST SOUTH CENTRAL-----	34	52	1	1	1	11	9	-	61	40	20	16
Kentucky-----	12	21	-	-	1	3	2	-	27	19	5	4
Tennessee-----	12	12	1	1	-	3	3	-	19	9	2	4
Alabama-----	6	6	-	-	-	5	3	-	11	12	9	3
Mississippi-----	4	13	-	-	-	-	1	-	4	-	4	5
WEST SOUTH CENTRAL-----	636	596	-	3	-	15	18	2	96	88	19	47
Arkansas-----	36	15	-	-	-	4	2	-	10	9	1	3
Louisiana-----	1	1	-	-	-	2	1	1	8	3	-	5 <sup>7</sup>
Oklahoma-----	27	6	-	3	-	1	2	-	7	2	1	1
Texas-----	572	574	-	-	-	8	13	1	71	74	17	36
MOUNTAIN-----	113	17	-	6	-	8	1	-	60	19	-	1
Montana-----	9	-	-	2	-	-	-	-	8	5	-	-
Idaho-----	4	2	-	-	-	-	-	-	12	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	2	4	-	-
Colorado-----	28	12	-	-	-	2	1	-	24	8	-	-
New Mexico-----	7	-	-	-	-	4	-	-	2	-	-	-
Arizona-----	56	-	-	-	-	2	-	-	11	2	-	1
Utah-----	9	3	-	4	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	63	68	1	-	-	3	6	-	121	44	-	1
Washington-----	25	8	-	-	-	-	-	-	14	9	-	-
Oregon-----	16	11	-	-	-	1	3	-	3	15	-	-
California-----	22	49	1	-	-	2	3	-	104	20	-	1
Alaska-----	1	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	4	-	-	-	-	-	-	4	4	-	-
Puerto Rico-----	-	-	-	-	-	-	2	-	9	21	2	1

<sup>7</sup>Report for August.



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	36th week ended Sept. 11, 1954	35th week ended Sept. 4, 1954	36th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 36 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	8,720	8,580	8,725	-0.1	348,400	361,108	-3.5
New England----- (14 cities)	606	583	581	+4.3	23,361	24,034	-2.8
Middle Atlantic----- (16 cities)	2,498	2,378	2,516	-0.7	98,649	103,374	-4.6
East North Central----- (18 cities)	1,988	1,903	1,979	+0.5	77,421	80,708	-4.1
West North Central----- (8 cities)	660	626	636	+3.8	25,634	26,836	-4.5
South Atlantic----- (9 cities)	674	627	708	-4.8	27,010	28,204	-4.2
East South Central----- (8 cities)	412	437	439	-6.2	16,619	17,177	-3.2
West South Central----- (13 cities)	735	749	658	+11.7	27,917	28,054	-0.5
Mountain----- (8 cities)	206	193	221	-6.8	8,151	8,851	-7.9
Pacific----- (12 cities)	941	1,084	1,012	-7.0	43,638	43,870	-0.5

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 11, 1954

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

CITY	36th week ended Sept. 11, 1954	35th week ended Sept. 4, 1954	CUMULATIVE NUMBER FOR FIRST 36 WEEKS		CITY	36th week ended Sept. 11, 1954	35th week ended Sept. 4, 1954	CUMULATIVE NUMBER FOR FIRST 36 WEEKS	
			1954	1953				1954	1953
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston-----	192	190	7,810	8,039	St. Louis-----	208	195	8,405	8,899
Bridgeport-----	34	39	1,273	1,218	St. Paul-----	63	51	2,278	2,274
Cambridge-----	20	20	977	997	Wichita-----	28	33	1,569	1,436
Fall River-----	19	29	982	1,005	<b>SOUTH ATLANTIC</b>				
Hartford-----	54	40	1,618	1,647	Atlanta-----	87	77	3,742	3,762
Lovell-----	30	20	970	911	Baltimore-----	204	187	7,664	8,216
Lynn-----	16	22	765	786	Charlotte-----	21	38	1,056	1,025
New Bedford-----	18	16	796	843	Jacksonville-----	(33)	(31)	(1,763)	---
New Haven-----	40	46	1,527	1,561	Miami-----	42	37	2,320	2,182
Providence-----	66	68	2,144	2,170	Norfolk-----	14	22	1,027	1,169
Somerville-----	13	11	497	555	Richmond-----	61	52	2,246	2,333
Springfield, Mass.-----	32	33	1,381	1,400	Savannah-----	(19)	(22)	(1,010)	---
Waterbury-----	29	20	861	935	Tampa-----	50	42	1,900	1,900
Worcester-----	43	29	1,760	1,967	Washington, D. C.-----	160	137	5,887	6,412
					Wilmington, Del.-----	35	35	1,168	1,205
<b>MIDDLE ATLANTIC</b>					<b>EAST SOUTH CENTRAL</b>				
Albany-----	33	58	1,617	1,626	Birmingham-----	66	56	2,650	2,650
Allentown-----	(31)	(36)	(1,192)	---	Chattanooga-----	33	49	1,564	1,682
Buffalo-----	---	(160)	---	(5,143)	Knoxville-----	38	23	1,216	1,184
Camden-----	32	28	1,317	1,323	Louisville-----	92	117	3,866	3,806
Elizabeth-----	39	15	1,011	948	Memphis-----	82	80	3,449	3,859
Erie-----	35	22	1,209	1,229	Mobile-----	30	34	1,146	1,132
Jersey City-----	78	36	2,422	2,482	Montgomery-----	24	29	930	987
Newark, N. J.-----	82	85	3,470	3,792	Nashville-----	47	49	1,798	1,877
New York City-----	1,393	1,312	54,327	57,152	<b>WEST SOUTH CENTRAL</b>				
Paterson-----	31	26	1,345	1,395	Austin-----	17	20	916	928
Philadelphia-----	400	403	16,540	17,514	Baton Rouge-----	20	10	759	556
Pittsburgh-----	105	137	5,702	6,155	Corpus Christi-----	17	13	613	622
Reading-----	(16)	(13)	(724)	---	Dallas-----	118	102	3,561	3,427
Rochester, N. Y.-----	95	84	3,243	3,401	El Paso-----	20	18	951	993
Schenectady-----	28	28	878	836	Fort Worth-----	63	71	2,003	2,083
Scranton-----	(33)	(19)	(1,204)	---	Houston-----	141	95	4,338	4,479
Syracuse-----	45	57	1,932	1,945	Little Rock-----	12	29	1,470	1,536
Trenton-----	42	43	1,590	1,678	New Orleans-----	127	166	5,302	5,739
Utica-----	32	21	1,080	1,141	Oklahoma City-----	58	47	2,148	1,965
Yonkers-----	28	23	966	957	San Antonio-----	74	72	2,783	2,937
					Shreveport-----	28	39	1,380	1,410
<b>EAST NORTH CENTRAL</b>					<b>MOUNTAIN</b>				
Akron-----	41	31	1,944	2,097	Albuquerque-----	22	20	934	962
Canton-----	29	32	1,019	1,029	Colorado Springs-----	11	16	420	482
Chicago-----	704	615	25,697	26,894	Denver-----	87	78	3,604	3,925
Cincinnati-----	127	137	5,014	5,256	Ogden-----	12	13	395	449
Cleveland-----	174	168	7,097	7,355	Phoenix-----	16	17	754	832
Columbus-----	100	112	3,620	3,768	Pueblo-----	17	9	475	492
Dayton-----	56	54	2,241	2,240	Salt Lake City-----	39	32	1,422	1,528
Detroit-----	278	259	11,017	11,384	Tucson-----	2	8	147	181
Evansville-----	30	23	1,082	1,194	<b>PACIFIC</b>				
Flint-----	41	42	1,352	1,320	Berkeley-----	19	13	638	595
Fort Wayne-----	22	17	931	1,097	Long Beach-----	57	40	1,738	1,674
Gary-----	(35)	(24)	(905)	---	Los Angeles-----	298	374	15,507	15,747
Grand Rapids-----	39	32	1,381	1,408	Oakland-----	89	90	3,291	3,374
Indianapolis-----	63	78	3,920	4,010	Pasadena-----	32	26	1,185	1,208
Milwaukee-----	103	122	4,359	4,415	Portland, Oreg.-----	86	99	3,518	3,571
Peoria-----	35	23	1,082	1,126	Sacramento-----	35	34	1,627	1,679
South Bend-----	17	22	803	855	San Diego-----	47	65	2,560	2,522
Toledo-----	90	76	3,161	3,326	San Francisco-----	116	165	6,464	6,726
Youngstown-----	39	60	1,701	1,934	Seattle-----	99	116	4,321	4,134
<b>WEST NORTH CENTRAL</b>					<b>PACIFIC</b>				
Des Moines-----	49	45	1,799	1,795	Spokane-----	41	44	1,573	1,462
Duluth-----	17	58	967	975	Tacoma-----	22	18	1,216	1,178
Kansas City, Kans.-----	---	---	---	(1,226)	<b>PACIFIC</b>				
Kansas City, Mo.-----	120	104	4,356	4,499	Honolulu-----	(27)	(35)	(1,211)	(1,139)
Minneapolis-----	114	109	4,059	4,597					
Omaha-----	61	51	2,201	2,361					

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

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