

# 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 May 7, 1955

A total of 149 cases of poliomyelitis was reported for the current week. This is essentially the same as the number (147 cases) for last week, and for the same week of last year (144). In New York, Florida, and Texas, fewer cases were reported this week than for the previous week. Increases in the incidence were noted in Illinois, Louisiana, and California.

Illinois reported 15 cases for the current week, 13 of which were in Cook County, involving 6 in Chicago. One death was reported.

California reported 27 cases as compared with 23 for the previous week. Of these, 20 were paralytic. Sixteen of the total cases and 1 death occurred in Los Angeles County. Of the total reported cases, 10 were among vaccinated children, 9 of which were paralytic.

To date, 62 cases of poliomyelitis have been accepted as occurring in persons who previously had received poliomyelitis vaccine. These occurred in 18 different States and 1 Territory. Fifty-one had received vaccine supplied by one manufacturer, 10 from another, and 1 from a third. Type 1 virus has been isolated from 6 cases—3 in 1 State and 1 each from 3 other States. Four patients have died. Most of the 62 cases reported to date have had onsets of initial symptoms 5 to 9 days after inoculation.

### EPIDEMIOLOGICAL REPORTS

#### Brill's disease (typhus fever)

Dr. I. J. Tartakow, Nassau County Health Department, New York, has given epidemiological information on a case of Brill's disease. The patient, a 43-year-old woman, first complained of a severe headache and general malaise. Several hours later she had a chill followed by fever. On the fifth day of illness a maculopapular rash appeared on her abdomen and soon spread to the chest and arms. Several moderately enlarged, nontender, lymph nodes appeared in the left axilla and right supraclavicular fossa. The eruption, although slight, persisted for 5 days but did not become petechial. Agglutination with *Proteus*  $ox_{19}$  was positive in a dilution of 1:20 on January 25th and positive in a dilution of 1:320 on January 30th. A positive complement fixation test for epidemic typhus fever was obtained. No agglutination was obtained for tularemia, brucellosis, and typhoid fever.

The patient lives in a house with ideal modern sanitary facilities. Her husband operates a hardware store and no evidence of rodent infestation was found in either the store or the two adjacent structures. There was apparently no exposure to a local source of infection or insect vector. She probably had her initial attack in Russia, where she was born. The patient was living in a village where an epidemic of typhus fever occurred about 35 years ago. She was ill at that time and it is believed that she had an attack of the disease. Her present illness is the first she has had with symptoms suggestive of typhus since her arrival in the United States about 33 years ago.

#### Influenza

The following reports have been received by the WHO Influenza Information Center, NIH, and the National Office of Vital Statistics.

The Preventive Medicine Division, Bureau of Medicine and

Surgery, Department of the Navy, reports an outbreak of influenza B at a naval station in New Hampshire during the early part of February. The epidemic was described as being mild, of short duration, and limited to the population of the station. Influenza vaccine had not been administered prior to the outbreak.

Dr. E. H. Lennette, California State Department of Health, has reported 9 additional serological diagnoses of influenza B occurring in scattered areas of California, the patients having onsets during the last week in March and the first week in April.

Dr. Irving Gordon, New York State Department of Health, has reported the serologic diagnosis of a case of influenza A occurring in Schenectady, New York, with onset of illness April 4.

The WHO has received information from the Virus Reference Laboratory, Colindale, London, that serological evidence of influenza virus A infection has been obtained from a number of widely separated places in Great Britain, and particularly from South Wales. Outbreaks of clinical influenza occurred during March in villages and towns in the county of Carmarthen. Some of these outbreaks were still active during the first week of April, but recent reports indicate that few new cases have occurred since the middle of April. Other confirmed cases of influenza virus A infection do not appear to have been associated with epidemic illness, with the exception of an outbreak which occurred during March in a village community near Exeter.

#### Tularemia

Dr. R. H. Heeren, Iowa Department of Health, reports 2 cases of tularemia in persons who were given wild rabbits. Both patients became ill about 2 days after cleaning and handling the rabbits. Several lesions developed on the fingers of 1 patient and only one lesion occurred on the other patient. Agglutination tests on blood specimens collected 6 weeks after onset of illness were positive for tularemia in dilutions of 1:2560 and 1:320, respectively, for the patients. The hunter who shot these rabbits, as well as many others during the hunting season, remained well.

#### Infectious hepatitis

Dr. E. A. Rogers, Nebraska Department of Health, reports an outbreak of infectious hepatitis. During a 6-month period, 22 cases have occurred in a small area. Of the total, 19 were in children—7 were among 10 children in 1 family, and 3 each were in 2 families. The diagnoses were made on the appearance of jaundice. All patients interviewed gave information of association with another known case. The mode of transmission was not clear, but it apparently was person to person.

#### Gastro-enteritis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, reports 4 cases of gastro-enteritis. The patients became ill with fever, nausea, vomiting, abdominal cramps, and diarrhea, approximately 2 hours after eating chocolate eclairs. The eclairs were purchased from a local bakery. An investigation revealed that some lesions on the hands of 1 employee at the bakery, and on the arm of another appeared to be infected. Stool specimens of the 2 workers showed that one was negative and the other, unsatisfactory. Laboratory examination of an

eclair taken from the home showed Staphylococcus aureus, coagulase positive.

Dr. Ruth E. Church, Illinois Department of Public Health, reports an outbreak of gastro-enteritis in a school. The water supply became contaminated with what apparently was sewage on April 18, at which time an odor was noted. Two days later, 22 of the 88 children were absent because of mild gastro-in-

testinal disturbances. Laboratory examination of water samples showed B. coli. Typhoid immunization has been initiated for the children and teachers, and water is being trucked into the school. An investigation revealed that a septic tank was in close proximity to the well. This situation is being remedied by a public health engineer who has been dispatched to the school.

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	18th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 7, 1955	Ended May 8, 1954	Median 1950-54	First 18 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	-	1	12	7	14	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Botulism-----049.1	21	-	---	5	6	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Brucellosis (undulant fever)-----044	23	38	---	387	513	---	---	---	---	---
Diphtheria-----055	18	22	45	552	678	1,138	1,769	2,023	3,320	July 1
Encephalitis, infectious-----082	44	30	15	436	434	327	1,788	1,161	1,130	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	670	1,116	---	15,617	23,175	---	---	---	---	---
Malaria-----110-117	11	11	---	80	134	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Measles-----085	24,292	29,904	24,611	<sup>3</sup> 356,290	381,234	294,061	<sup>4</sup> 12,040	417,326	323,451	Sept. 1
Meningococcal infections-----057	77	73	86	<sup>4</sup> 1,670	1,999	1,999	<sup>4</sup> 2,762	3,321	3,321	Sept. 1
Poliomyelitis-----080	149	144	92	1,601	2,120	1,677	537	567	359	Apr. 1
Psittacosis-----096.2	<sup>5</sup> 8	6	---	122	82	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rabies in man-----094	<sup>6</sup> 1	-	-	3	1	2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rocky Mountain spotted fever-----104A	5	9	6	19	23	17	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Scarlet fever and streptococcal sore throat-----050,051	4,181	3,283	2,694	78,424	79,925	56,450	115,815	114,559	72,772	Aug. 1
Smallpox-----084	-	-	-	-	-	5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Trichinosis-----128	4	4	---	53	102	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tularemia-----059	5	11	11	206	220	249	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Typhoid fever-----040	40	37	32	459	546	535	152	140	140	Apr. 1
Typhus fever, endemic-----101	1	2	---	25	46	---	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Whooping cough-----056	1,451	1,001	1,001	23,390	19,172	19,884	40,672	28,929	34,090	Oct. 1
Rabies in animals-----	127	124	148	2,308	3,107	3,023	3,661	4,878	---	Oct. 1

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

<sup>2</sup>Reported in California.

<sup>3</sup>Addition: Indiana, week ended April 30, 312 cases.

<sup>4</sup>Deduction: North Carolina, week ended April 9, 1 case.

<sup>5</sup>Idaho, Illinois, Iowa, and Minnesota, 1 case each; Pennsylvania and Wisconsin, 2 cases each.

<sup>6</sup>Reported in Ohio.

#### 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 MAY 8, 1954, AND MAY 7, 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-----	23	38	18	22	44	30	670	1,116	8	9	3	2
NEW ENGLAND-----	-	2	1	1	1	1	69	50	-	-	-	-
Maine-----	-	-	-	-	-	-	5	18	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	2	-	-	-	-	-
Massachusetts-----	-	1	1	1	1	1	29	23	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	10	2	-	-	-	-
Connecticut-----	-	1	-	-	-	-	22	7	-	-	-	-
MIDDLE ATLANTIC-----	2	1	2	-	9	7	218	193	1	-	-	-
New York-----	1	1	1	-	8	6	113	153	-	-	-	-
New Jersey-----	-	-	-	-	1	1	9	9	1	-	-	-
Pennsylvania-----	1	-	1	-	-	-	96	31	-	-	-	-
EAST NORTH CENTRAL-----	4	6	2	2	6	6	80	150	-	-	1	-
Ohio-----	-	-	-	1	-	1	7	20	-	-	-	-
Indiana-----	-	-	-	1	2	1	15	34	-	-	-	-
Illinois-----	4	4	1	-	1	-	23	39	-	-	-	-
Michigan-----	-	1	1	-	3	4	20	36	-	-	1	-
Wisconsin-----	-	1	-	-	-	-	15	21	-	-	-	-
WEST NORTH CENTRAL-----	10	9	-	-	2	-	83	185	-	-	-	-
Minnesota-----	1	3	-	-	-	-	18	60	-	-	-	-
Iowa-----	8	5	-	-	-	-	44	93	-	-	-	-
Missouri-----	-	1	-	-	-	-	8	11	-	-	-	-
North Dakota-----	-	-	-	-	-	-	6	3	-	-	-	-
South Dakota-----	1	-	-	-	1	-	7	3	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	3	-	-	-	-
Kansas-----	-	-	-	-	1	-	-	12	-	-	-	-
SOUTH ATLANTIC-----	2	3	5	9	8	7	48	120	-	-	-	2
Delaware-----	-	-	-	-	-	-	1	2	-	-	-	-
Maryland-----	-	-	1	-	-	1	2	5	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	4	-	-	-	-
Virginia-----	-	3	-	2	-	-	21	60	-	-	-	-
West Virginia-----	-	-	1	-	-	-	4	9	-	-	-	-
North Carolina-----	-	-	-	5	1	6	8	23	-	-	-	-
South Carolina-----	-	-	1	1	-	-	-	1	-	-	-	-
Georgia-----	2	-	1	-	2	-	7	14	-	-	-	2
Florida-----	-	-	1	1	5	-	5	2	-	-	-	-
EAST SOUTH CENTRAL-----	1	7	4	2	3	1	35	85	1	1	-	-
Kentucky-----	-	-	-	1	-	-	5	11	-	-	-	-
Tennessee-----	-	1	2	1	1	1	16	48	-	-	-	-
Alabama-----	1	4	2	-	2	-	5	9	1	1	-	-
Mississippi-----	-	2	-	-	-	-	9	17	-	-	-	-
WEST SOUTH CENTRAL-----	4	4	3	6	2	3	37	113	4	8	-	-
Arkansas-----	-	1	-	1	-	-	3	9	-	-	-	-
Louisiana-----	2	2	-	-	-	-	2	32	-	-	-	-
Oklahoma-----	-	1	1	1	-	1	3	9	-	1	-	-
Texas-----	2	-	2	4	2	2	29	63	4	7	-	-
MOUNTAIN-----	-	1	1	-	1	-	38	83	1	-	-	-
Montana-----	-	-	-	-	-	-	8	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	1	27	-	-	-	-
Wyoming-----	-	-	-	-	1	-	3	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	17	28	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	1	-	-	-	-
Arizona-----	-	1	-	-	-	-	8	20	1	-	-	-
Utah-----	-	-	-	-	-	-	1	1	-	-	-	-
Nevada-----	-	-	1	-	-	-	-	6	-	-	-	-
PACIFIC-----	-	5	-	2	12	5	62	137	1	-	2	-
Washington-----	-	-	-	2	-	-	11	37	-	-	-	-
Oregon-----	-	-	-	-	-	-	22	24	-	-	-	-
California-----	-	5	-	-	12	5	29	76	1	-	2	-
Alaska-----	-	-	-	-	-	-	6	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	2	-	-	1	2	-	-	-	-

<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 MAY 8, 1954, AND MAY 7, 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-----	24,292	29,904	77	73	149	144	74	57	45	40	5	9
NEW ENGLAND-----	3,563	907	1	2	5	3	1	1	4	1	-	-
Maine-----	135	125	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	73	9	-	-	-	-	-	-	-	-	-	-
Vermont-----	297	71	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,655	575	1	1	2	2	1	1	1	-	-	-
Rhode Island-----	283	28	-	-	-	-	-	-	-	-	-	-
Connecticut-----	1,120	99	-	1	3	1	-	-	3	1	-	-
MIDDLE ATLANTIC-----	5,062	6,617	14	18	8	3	2	-	1	1	-	-
New York-----	1,551	3,672	7	8	5	1	2	-	1	-	-	-
New Jersey-----	2,365	1,110	2	5	1	1	-	-	-	1	-	-
Pennsylvania-----	1,146	1,835	5	5	2	1	-	-	-	-	-	-
EAST NORTH CENTRAL-----	5,661	5,604	17	16	27	3	13	1	8	1	-	-
Ohio-----	349	943	6	6	7	-	2	-	1	-	-	-
Indiana-----	45	648	2	1	3	-	3	-	-	-	-	-
Illinois-----	428	1,803	5	4	15	2	8	1	5	1	-	-
Michigan-----	840	1,856	3	4	1	1	-	-	1	-	-	-
Wisconsin-----	3,999	354	1	1	1	-	-	-	1	-	-	-
WEST NORTH CENTRAL-----	812	1,415	8	9	13	7	7	1	5	1	-	-
Minnesota-----	142	25	1	-	1	-	-	-	1	-	-	-
Iowa-----	345	986	2	2	3	1	3	1	-	-	-	-
Missouri-----	120	85	3	4	3	6	2	-	1	1	-	-
North Dakota-----	44	30	-	1	-	-	-	-	-	-	-	-
South Dakota-----	27	15	-	-	1	-	1	-	-	-	-	-
Nebraska-----	5	188	2	1	3	-	-	-	3	-	-	-
Kansas-----	129	86	-	1	2	-	1	-	-	-	-	-
SOUTH ATLANTIC-----	659	4,480	13	7	16	23	8	10	5	5	3	3
Delaware-----	8	102	-	-	-	-	-	-	-	-	1	-
Maryland-----	64	571	1	-	-	-	-	-	-	-	1	-
District of Columbia-----	9	175	-	-	-	-	-	-	-	-	-	-
Virginia-----	192	1,389	2	2	2	1	2	-	-	1	-	2
West Virginia-----	112	517	-	-	1	2	-	-	-	-	-	-
North Carolina-----	126	370	2	5	-	3	-	1	-	2	1	1
South Carolina-----	17	144	4	-	-	-	-	-	-	-	-	-
Georgia-----	79	244	2	-	4	2	3	-	-	-	-	-
Florida-----	52	968	2	-	9	15	3	9	5	2	-	-
EAST SOUTH CENTRAL-----	429	1,745	7	4	6	16	1	3	2	2	1	2
Kentucky-----	57	653	1	1	3	2	-	-	2	-	-	-
Tennessee-----	223	557	3	-	1	1	-	-	-	-	1	1
Alabama-----	78	368	1	2	1	5	-	-	-	-	-	-
Mississippi-----	71	167	2	1	1	8	1	3	-	2	-	1
WEST SOUTH CENTRAL-----	2,478	3,931	7	5	29	40	16	15	9	12	-	-
Arkansas-----	158	53	2	1	1	5	-	2	1	2	-	-
Louisiana-----	21	69	-	-	11	-	10	-	1	-	-	-
Oklahoma-----	140	279	1	-	4	4	1	1	-	-	-	-
Texas-----	2,159	3,530	4	4	13	31	5	12	7	10	-	-
MOUNTAIN-----	924	1,220	3	4	15	7	4	2	3	1	1	4
Montana-----	28	297	-	1	-	1	-	1	-	-	-	1
Idaho-----	30	175	-	-	3	-	-	15	-	-	-	-
Wyoming-----	2	38	-	-	1	-	1	-	-	-	-	2
Colorado-----	234	66	1	1	-	2	-	1	-	1	-	1
New Mexico-----	200	47	1	2	3	-	2	-	1	-	-	-
Arizona-----	399	257	1	-	6	-	-	-	2	-	-	-
Utah-----	2 <sup>2</sup>	338	-	-	1	1	-	-	-	-	-	-
Nevada-----	9	2	-	-	1	3	1	-	-	-	1	-
PACIFIC-----	4,704	3,985	7	8	30	42	22	24	8	16	-	-
Washington-----	536	1,173	-	-	2	2	1	-	1	-	-	-
Oregon-----	266	111	1	1	1	2	1	2	-	-	-	-
California-----	3,902	2,701	6	7	27	38	20	22	7	16	-	-
Alaska-----	7	90	-	-	-	-	-	-	-	-	-	-
Hawaii-----	385	5	1	-	4	2	3	-	1	2	-	-
Puerto Rico-----	150	125	-	-	16	-	16	-	-	-	-	-

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

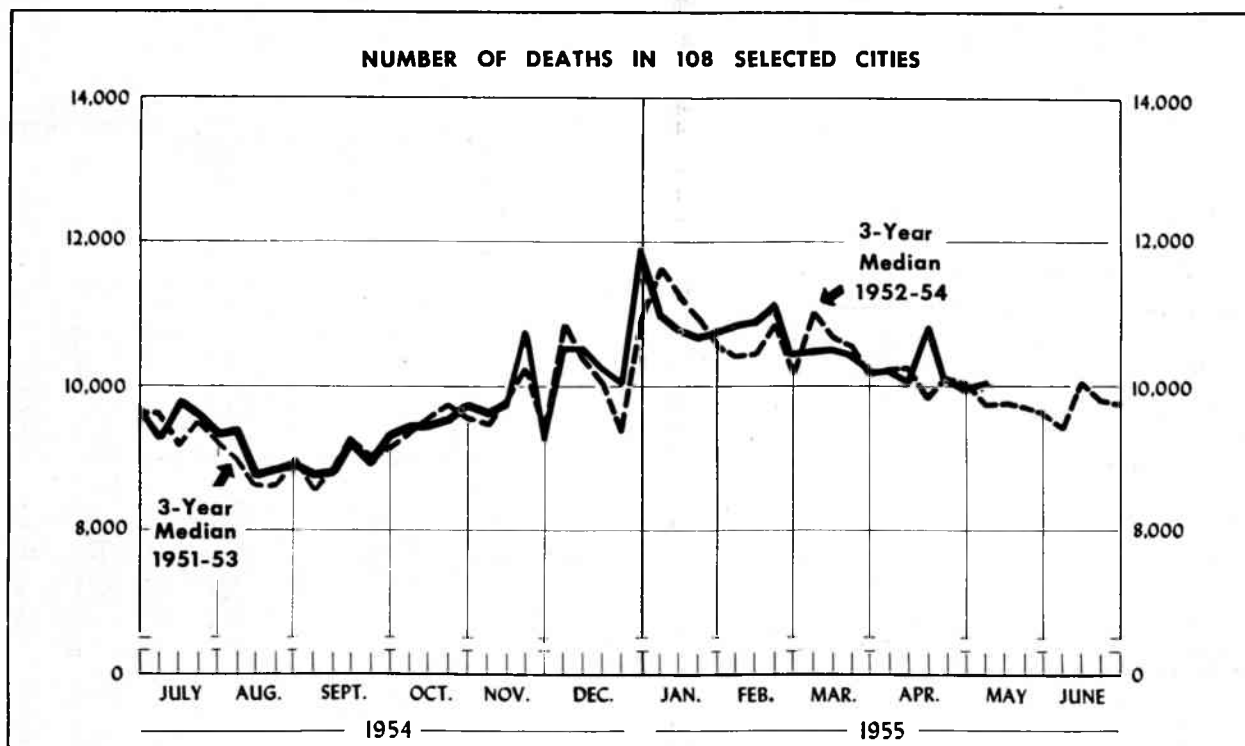
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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 8, 1954 AND MAY 7, 1955--Continued**

(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)		TRICHI- NIASIS (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-----	4,181	3,283	4	5	11	40	37	1	1,451	1,001	127	124
NEW ENGLAND-----	456	272	-	-	-	1	-	-	53	104	-	-
Maine-----	16	68	-	-	-	-	-	-	16	8	-	-
New Hampshire-----	4	10	-	-	-	-	-	-	-	-	-	-
Vermont-----	13	11	-	-	-	-	-	-	1	7	-	-
Massachusetts-----	372	100	-	-	-	-	-	-	25	57	-	-
Rhode Island-----	8	12	-	-	-	-	-	-	4	2	-	-
Connecticut-----	43	71	-	-	-	1	-	-	7	30	-	-
MIDDLE ATLANTIC-----	557	499	1	-	1	8	4	-	96	184	20	3
New York-----	240	241	1	-	-	2	-	-	19	100	12	3
New Jersey-----	58	61	-	-	-	1	2	-	20	21	-	-
Pennsylvania-----	259	197	-	-	1	5	2	-	57	63	8	-
EAST NORTH CENTRAL-----	456	503	-	-	3	4	6	-	304	192	14	11
Ohio-----	89	84	-	-	-	2	4	-	30	45	1	1
Indiana-----	76	90	-	-	-	-	-	-	23	22	10	-
Illinois-----	72	75	-	-	2	-	2	-	46	29	-	5
Michigan-----	125	129	-	-	-	2	-	-	130	74	2	3
Wisconsin-----	94	125	-	-	1	-	-	-	75	22	1	2
WEST NORTH CENTRAL-----	86	178	-	-	1	3	4	-	82	40	12	35
Minnesota-----	18	31	-	-	-	-	1	-	11	12	2	11
Iowa-----	20	35	-	-	-	-	-	-	23	12	6	12
Missouri-----	9	32	-	-	1	3	1	-	11	5	4	12
North Dakota-----	18	16	-	-	-	-	-	-	24	-	-	-
South Dakota-----	1	19	-	-	-	-	-	-	3	-	-	-
Nebraska-----	3	7	-	-	-	-	-	-	-	-	-	-
Kansas-----	17	38	-	-	-	-	2	-	10	11	-	-
SOUTH ATLANTIC-----	593	266	-	-	3	8	10	-	134	72	27	27
Delaware-----	4	1	-	-	-	-	-	-	1	1	<sup>3</sup> 8	-
Maryland-----	50	43	-	-	-	2	-	-	6	17	-	-
District of Columbia-----	5	1	-	-	-	1	-	-	1	2	-	-
Virginia-----	248	104	-	-	-	-	-	-	30	13	4	6
West Virginia-----	161	44	-	-	-	2	5	-	47	11	1	12
North Carolina-----	57	52	-	-	-	-	-	-	26	14	6	2
South Carolina-----	25	2	-	-	-	-	3	-	4	5	6	6
Georgia-----	15	3	-	-	3	3	1	-	3	3	2	1
Florida-----	28	16	-	-	-	-	1	-	16	6	-	-
EAST SOUTH CENTRAL-----	211	103	-	-	1	7	6	1	101	65	25	17
Kentucky-----	141	37	-	-	-	3	1	-	37	14	12	4
Tennessee-----	62	48	-	-	-	4	4	-	15	20	8	3
Alabama-----	4	14	-	-	-	-	-	1	48	24	2	8
Mississippi-----	4	4	-	-	1	-	1	-	1	7	3	2
WEST SOUTH CENTRAL-----	911	727	-	-	2	7	5	-	361	207	23	30
Arkansas-----	70	33	-	-	1	1	1	-	32	9	3	6
Louisiana-----	4	10	-	-	1	1	2	-	1	5	-	-
Oklahoma-----	55	37	-	-	2	2	1	-	24	5	-	2
Texas-----	782	647	-	-	2	3	1	-	304	188	20	22
MOUNTAIN-----	495	369	3	-	1	1	2	-	133	47	3	-
Montana-----	22	5	-	-	-	-	-	-	10	2	-	-
Idaho-----	11	6	-	-	-	-	-	-	6	-	-	-
Wyoming-----	102	10	-	-	1	-	1	-	2	1	-	-
Colorado-----	91	23	-	-	-	-	1	-	14	7	-	-
New Mexico-----	47	12	-	-	-	1	-	-	20	4	1	-
Arizona-----	173	284	3	-	-	-	-	-	52	11	2	-
Utah-----	49	29	-	-	-	-	-	-	29	22	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	416	366	-	-	-	1	-	-	187	90	3	1
Washington-----	109	84	-	-	-	-	-	-	29	19	-	-
Oregon-----	113	27	-	-	-	-	-	-	13	9	-	-
California-----	194	255	-	-	-	1	-	-	145	62	3	1
Alaska-----	2	7	-	-	-	-	1	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	4	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	13	93	-	1

<sup>3</sup>Includes delayed cases.



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	18th week ended May 7, 1955	17th week ended April 30, 1955	18th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 18 WEEKS		
					1955	1954	Percent change
TOTAL: 105 REPORTING CITIES-----	9,472	9,404	9,163	+3.4	178,768	175,079	+2.1
New England----- (14 cities)	682	683	643	+6.1	13,269	12,414	+6.9
Middle Atlantic----- (16 cities)	2,361	2,435	2,444	-3.4	47,425	46,203	+2.6
East North Central----- (18 cities)	2,309	2,193	2,228	+3.6	40,969	40,323	+1.6
West North Central----- (8 cities)	683	688	671	+1.8	12,532	12,819	-2.2
South Atlantic----- (9 cities)	749	734	747	+0.3	14,108	14,261	-1.1
East South Central----- (8 cities)	444	426	420	+5.7	8,621	8,551	+0.8
West South Central----- (12 cities)	737	727	631	+16.8	13,644	13,154	+3.7
Mountain----- (8 cities)	226	227	212	+6.6	4,496	4,228	+6.3
Pacific----- (12 cities)	1,281	1,291	1,185	+8.1	23,704	23,126	+2.5

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 7, 1955

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

CITY	18th week ended May 7, 1955	17th week ended April 30, 1955	CUMULATIVE NUMBER FOR FIRST 18 WEEKS		CITY	18th week ended May 7, 1955	17th week ended April 30, 1955	CUMULATIVE NUMBER FOR FIRST 18 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston	241	217	4,597	4,098	St. Louis	226	215	4,019	4,198
Bridgeport	38	47	704	648	St. Paul	74	69	1,205	1,182
Cambridge	28	40	542	534	Wichita	37	29	689	735
Fall River	28	33	546	551	SOUTH ATLANTIC				
Hartford	44	41	894	822	Atlanta	104	100	1,882	1,904
Lowell	28	28	451	524	Baltimore	223	229	4,205	4,080
Lynn	22	24	455	405	Charlotte	38	16	567	574
New Bedford	21	24	455	409	Jacksonville	(44)	(44)	(882)	(915)
New Haven	48	31	838	849	Miami	49	35	922	1,238
Providence	75	64	1,247	1,151	Norfolk	32	19	602	554
Somerville	15	16	308	270	Richmond	60	56	1,191	1,168
Springfield, Mass.	33	37	783	753	Savannah	---	(29)	---	(527)
Waterbury	24	18	462	458	Tampa	55	51	1,048	1,054
Worcester	37	63	987	942	Washington, D. C.	150	185	3,016	3,070
MIDDLE ATLANTIC					Wilmington, Del.	38	43	675	619
Albany	55	43	872	825	EAST SOUTH CENTRAL				
Allentown	(43)	(43)	(698)	(651)	Birmingham	70	75	1,448	1,441
Buffalo	122	141	2,528	2,641	Chattanooga	41	39	815	842
Camden	28	28	685	693	Knoxville	23	25	620	625
Elizabeth	17	31	522	528	Louisville	84	103	2,001	1,951
Erie	33	32	658	602	Memphis	114	75	1,787	1,673
Jersey City	93	40	1,356	1,326	Mobile	29	34	526	589
Newark, N. J.	81	94	1,927	1,837	Montgomery	28	22	475	489
New York City	1,500	1,463	29,726	28,923	Nashville	55	53	949	941
Paterson	35	47	729	716	WEST SOUTH CENTRAL				
Philadelphia	---	(503)	---	(8,559)	Austin	22	25	467	450
Pittsburgh	148	222	3,304	3,045	Baton Rouge	19	25	399	413
Reading	(23)	(27)	(420)	(397)	Corpus Christi	16	11	324	275
Rochester, N. Y.	93	85	1,727	1,696	Dallas	80	108	1,760	1,739
Schenectady	20	28	419	438	El Paso	24	26	511	482
Scranton	(28)	(24)	(627)	(620)	Fort Worth	---	(57)	---	(952)
Syracuse	52	53	1,014	1,030	Houston	131	135	2,363	2,304
Trenton	28	42	867	843	Little Rock	59	36	787	740
Utica	33	45	563	558	New Orleans	149	126	2,775	2,759
Yonkers	23	21	528	502	Oklahoma City	68	55	1,053	1,083
EAST NORTH CENTRAL					San Antonio	86	88	1,618	1,422
Akron	49	44	979	1,010	Shreveport	33	27	746	688
Canton	22	25	471	556	Tulsa	50	65	841	799
Chicago	761	737	13,287	13,316	MOUNTAIN				
Cincinnati	136	112	2,753	2,546	Albuquerque	17	13	449	499
Cleveland	195	193	3,658	3,728	Colorado Springs	15	15	255	213
Columbus	113	126	2,004	1,856	Denver	100	94	2,051	1,885
Dayton	78	69	1,215	1,185	Ogden	13	15	194	187
Detroit	334	332	6,030	5,784	Phoenix	27	28	457	417
Evansville	31	32	567	596	Pueblo	12	16	245	230
Flint	35	35	655	695	Salt Lake City	37	38	756	722
Fort Wayne	35	40	613	473	Tucson	5	8	89	75
Gary	(36)	(26)	(501)	(458)	PACIFIC				
Grand Rapids	47	42	763	742	Berkeley	26	26	338	328
Indianapolis	100	97	2,017	2,108	Long Beach	37	57	922	905
Milwaukee	149	119	2,243	2,235	Los Angeles	450	450	8,532	8,397
Peoria	38	29	531	559	Oakland	80	80	1,649	1,767
South Bend	17	22	445	409	Pasadena	47	35	648	602
Toledo	110	87	1,781	1,629	Portland, Oreg.	96	109	1,725	1,796
Youngstown	59	52	957	896	Sacramento	52	46	911	859
WEST NORTH CENTRAL					San Diego	58	64	1,423	1,301
Des Moines	45	60	901	872	San Francisco	188	200	3,581	3,409
Duluth	26	24	464	480	Seattle	140	149	2,452	2,255
Kansas City, Kans.	---	---	---	(574)	Spokane	60	49	815	857
Kansas City, Mo.	98	102	1,999	2,072	Tacoma	47	26	708	650
Minneapolis	125	122	2,141	2,149	Honolulu	(34)	(44)	(665)	(640)
Omaha	52	67	1,114	1,131					

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

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