

# 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 July 17, 1954

The total of 1,056 cases of poliomyelitis is almost 200 less than the 1,245 cases for the corresponding week of last year, and more than 300 less than the total (1,390) reported for the corresponding week of 1952.

In Texas and Mississippi, the incidence of poliomyelitis showed little change from that for the previous week. Two other States, Florida and California, where the incidence of the disease has been high this season, there was little more than a 25 percent increase. However, in Louisiana and Nebraska, where the incidence so far this year has been relatively low, relatively large increases were reported for the current week—Louisiana, from 7 cases last week to 37; and Nebraska, from 9 to 33. Significant increases over last week were noted in Oklahoma, from 26 to 51 cases; Iowa, 26 to 47; Georgia, 19 to 34; Michigan, 34 to 54; Ohio, 35 to 51; and Illinois, 25 to 34.

The cumulative total cases of poliomyelitis for the year to date is 6,520 as compared with 6,603 and 6,866, for the corresponding periods of 1952 and 1953, respectively. For the "disease year," which began about April 1, 1954, the cumulative total is 4,968 as compared with 5,285 for the corresponding period of last year. In 1952, the corresponding total was 5,348.

An unusually large number (29) of cases of poliomyelitis occurred in Big Horn County, Wyoming, during the 2-week period which ended July 10. As a result the incidence rate will exceed 200 per 100,000 population. In 1953, only 5 cases were reported in this county for the entire year, and these occurred during the last 3 months. In Monroe County, Florida, where a high incidence was reported earlier this year, the incidence has subsided and is not considered unusual at the present time. Another county in Florida, Broward, has experienced a high incidence rate during recent weeks. The rate for this county is now in excess of 50 per 100,000 population.

Other counties throughout the country which have reported high incidence rates for poliomyelitis this year are Nueces, Harris, and Tarrant in Texas; Washington in Mississippi; Contra Costa and Orange in California; and Caddo Parish in Louisiana.

No reports have been received which would indicate an increase of typhoid fever in the counties of Texas along the Rio Grande River following the recent flood. During the 6 weeks ended July 10, the average weekly number of cases was 6.5. The county distribution of the 15 cases reported for the week ended July 17 is not known. A total of 12 cases was also reported in Louisiana for the current week. For the country as a whole, 76 cases were reported compared with 64 for the same week last year. The cumulative total since January 1 is 990 as compared with 1,013 for the same period in 1953.

### EPIDEMIOLOGICAL REPORTS

#### Anthrax in animals

Additional information has been received by the U. S. Department of Agriculture with reference to the outbreak of anthrax in animals in a zoo in the State of Washington. An outbreak involving deer occurred in the same zoo 21 years ago. It is also stated that anthrax in horses is sometimes difficult to prove, which may account for the fact that anthrax in the pony in the present outbreak was not recognized at the time it died. Outbreaks in zoos

have been reported previously which often are the result of feeding infected meat to meat-eating animals.

A severe outbreak of anthrax is also reported to be affecting cattle in certain areas of Louisiana.

#### Rabies in animals

Mr. L. J. Peterson, Idaho Department of Health, has reported several cases of rabies in dogs, some of which had contact with porcupines. The first case was one which had been taken to a veterinarian for treatment of wounds caused by porcupine quills. Nine cases in a 2-county area have been confirmed by laboratory examinations and other cases have been diagnosed on a clinical basis. A history of contact with porcupines was found in 5 rabid dogs. Two laboratory confirmed cases in cattle have been found, and 4 additional cattle died after an attempt at post exposure treatment was given. A total number of 28 cases in animals are known to have occurred in the area. A total number of 2,000 dogs have been immunized in one of the counties and 1,000 in the other.

#### Rabies in man

Dr. N. H. Dyer, West Virginia Department of Health, has given preliminary information on the case of human rabies reported for the week ended June 19. The victim was a boy 6 or 9 years old who had been bitten by a dog about 4 weeks prior to his death. The lesion was severe with deep lacerations in the region of the head and neck. An examination of the brain of the dog was reported positive for Negri bodies. Through some misunderstanding the child was not given antirabies vaccine immediately after being bitten. The patient developed convulsions on the eleventh day of the injections and promptly expired. Since information has not as yet been received from either the local health officer or from the hospital where the patient died, it is not known whether the death resulted from rabies or post-vaccinal encephalitis. The dog in question bit another person who immediately began a series of injections of antirabies vaccine, and so far has not developed rabies.

#### Encephalitis

Dr. L. L. Parks, Florida State Board of Health, states that 20 horses, 18 of which died, in 2 counties have recently been reported to have had equine encephalitis. A child who had visited one of the areas died of virus encephalitis 2 weeks after returning to his home in Pennsylvania. Laboratory tests have not been made as yet to confirm this diagnosis.

#### Psittacosis

Dr. R. H. Heeren, Iowa Department of Health, reports a case of psittacosis in a hardware store operator. The patient became ill with symptoms of pneumonia including fever, chills, chest pain, and general malaise. A blood specimen taken in the early phase of the disease was positive for psittacosis in a dilution of 1:4 with psittacosis antigen. A second specimen taken 2 weeks later was positive at 1:32. The patient had started retailing parakeets, which were obtained from a large aviary within the State, about 2 months prior to the onset of his illness. Some

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of these birds died in the store. He and his family have owned a healthy appearing parrot for several years.

## Infectious hepatitis

Dr. L. L. Parks, Florida State Board of Health, reports an outbreak of infectious hepatitis in an institution. Cases of the disease occurred over a period of a month or more. Gamma globulin has been given and the outbreak is apparently under control.

## Shigellosis

Dr. L. M. Schuman, Illinois Department of Public Health, gives additional information on the outbreak of shigellosis which was reported in the Morbidity and Mortality Weekly Report for the week ended May 22. A total number of 114 cases were re-

ported among grade and high school pupils. Stool specimens of the patients yielded *Shigella sonnei*. The food handler who assisted in the preparation of the potato salad was found to be a carrier of the organism. Laboratory examination of food specimens did not reveal the organism, but both a meat dish and the potato salad were contaminated with a member of the coliform group.

## Salmonellosis

Dr. L. M. Schuman reports an outbreak of salmonellosis involving 6 persons who consumed chocolate meringue pie at a local hotel in Illinois. The victims became ill with fever, vomiting, and diarrhea from 12 to 20 hours after eating the pies. No food specimens were available for bacteriological examination, but stool specimens of one of two hospitalized patients showed *Salmonella typhimurium*.

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	28th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 17, 1954	Ended July 18, 1953	Median 1949-53	First 28 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	12	20	26	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	13	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	47	49	---	874	926	---	(1)	(1)	(1)	(1)
Diphtheria-----055	37	32	43	947	1,109	2,047	75	57	77	July 1
Encephalitis, infectious-----082	43	20	20	845	558	489	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	866	500	---	<sup>2</sup> 32,568	18,462	---	(1)	(1)	(1)	(1)
Malaria-----110-117	22	80	---	286	638	---	(1)	(1)	(1)	(1)
Measles-----085	10,066	4,709	4,709	607,447	399,034	452,287	643,539	430,468	481,677	Sept. 1
Meningococcal infections-----057	55	65	65	<sup>3</sup> 2,712	3,444	2,572	<sup>3</sup> 4,034	4,719	3,651	Sept. 1
Poliomyelitis-----080	1,056	1,245	1,014	<sup>4</sup> 6,520	6,866	4,878	<sup>4</sup> 4,968	5,285	3,873	Apr. 1
Psittacosis-----096.2	<sup>5</sup> 6	9	---	341	30	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	3	3	3	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	22	12	17	148	164	170	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,600	1,133	515	105,037	97,393	56,735	139,671	133,981	79,941	Aug. 1
Smallpox-----084	-	-	-	-	5	13	(1)	(1)	(1)	(1)
Trichiniasis-----128	4	8	---	153	241	---	(1)	(1)	(1)	(1)
Tularemia-----059	7	13	13	328	304	371	(1)	(1)	(1)	(1)
Typhoid fever-----040	76	64	72	990	1,013	1,118	581	708	708	Apr. 1
Typhus fever, endemic-----101	4	14	---	<sup>6</sup> 100	130	---	<sup>6</sup> 66	90	---	Apr. 1
Whooping cough-----056	1,104	748	1,180	<sup>7</sup> 30,237	18,476	30,168	739,994	26,333	43,181	Oct. 1
Rabies in animals-----	107	129	---	4,352	4,287	---	(1)	(1)	(1)	(1)

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

<sup>2</sup>Deduction: North Carolina, week ended March 6, 1 case.

<sup>3</sup>Deduction: Georgia, week ended July 3, 2 cases.

<sup>4</sup>Addition: New Jersey, week ended July 10, 3 cases. Deductions: Alabama and California, week ended July 3, 1 and 2 cases, respectively; California and New Mexico, week ended July 10, 1 and 2 cases, respectively.

<sup>5</sup>Minnesota, Pennsylvania, and California, 1, 2, and 3 cases, respectively.

<sup>6</sup>Addition: North Carolina, week ended July 10, 1 case.

<sup>7</sup>Deduction: Missouri, week ended July 3, 90 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 JULY 18, 1953, AND JULY 17, 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-----	47	49	37	32	43	20	866	500	9	17	13	63
NEW ENGLAND-----	-	1	-	-	2	-	54	30	3	2	1	-
Maine-----	-	-	-	-	-	-	12	8	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	19	1	-	-	-	-
Massachusetts-----	-	-	-	-	2	-	12	14	-	-	1	-
Rhode Island-----	-	-	-	-	-	-	1	4	-	2	-	-
Connecticut-----	-	1	-	-	-	-	10	3	2	-	-	-
MIDDLE ATLANTIC-----	1	4	1	3	7	10	206	78	-	1	-	2
New York-----	1	2	-	-	5	10	146	66	-	1	-	2
New Jersey-----	-	-	-	-	1	-	13	-	-	-	-	-
Pennsylvania-----	-	2	1	3	1	-	47	12	-	-	-	-
EAST NORTH CENTRAL-----	5	17	2	2	7	3	56	47	-	-	-	-
Ohio-----	-	-	1	-	1	-	6	6	-	-	-	-
Indiana-----	-	1	-	2	3	-	12	12	-	-	-	-
Illinois-----	1	11	-	-	-	2	16	13	-	-	-	-
Michigan-----	-	3	-	-	3	1	10	14	-	-	-	-
Wisconsin-----	4	2	1	-	-	-	12	2	-	-	-	-
WEST NORTH CENTRAL-----	15	16	5	-	1	-	172	82	-	2	-	1
Minnesota-----	4	2	1	-	-	-	76	13	-	1	-	-
Iowa-----	4	10	-	-	-	-	65	14	-	1	-	-
Missouri-----	-	2	1	-	-	-	7	9	-	-	-	-
North Dakota-----	-	2	-	-	-	-	1	8	-	-	-	-
South Dakota-----	-	-	-	-	-	1	12	-	-	-	-	-
Nebraska-----	-	-	3	-	-	-	2	35	-	-	-	1
Kansas-----	7	-	-	-	-	-	9	3	-	-	-	-
SOUTH ATLANTIC-----	5	3	11	11	20	-	131	72	-	-	6	6
Delaware-----	-	-	-	-	-	-	4	-	-	-	-	-
Maryland-----	1	1	1	-	-	-	8	10	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	1	-	-	48	45	-	-	4	2
West Virginia-----	1	-	1	1	16	-	-	2	-	-	-	-
North Carolina-----	-	-	2	1	3	-	12	6	-	-	-	-
South Carolina-----	-	-	6	5	-	-	-	1	-	-	-	-
Georgia-----	3	2	2	1	1	-	-	2	-	-	2	4
Florida-----	-	-	-	2	-	-	59	6	-	-	-	-
EAST SOUTH CENTRAL-----	7	4	4	8	1	2	57	67	-	2	5	3
Kentucky-----	-	1	1	-	-	-	8	9	-	-	5	3
Tennessee-----	2	1	-	1	-	1	17	17	-	-	-	-
Alabama-----	-	1	3	5	-	-	10	27	-	1	-	-
Mississippi-----	5	1	-	2	1	1	22	14	-	1	-	-
WEST SOUTH CENTRAL-----	14	1	12	5	-	4	66	33	6	9	1	1
Arkansas-----	1	-	-	1	-	-	7	13	-	-	1	1
Louisiana-----	1	-	2	-	-	-	19	-	-	-	-	-
Oklahoma-----	2	-	-	-	-	-	3	7	1	2	-	-
Texas-----	10	1	10	4	-	4	37	13	5	7	-	-
MOUNTAIN-----	-	1	2	2	-	-	55	21	-	-	-	-
Montana-----	-	1	1	-	-	-	-	7	-	-	-	-
Idaho-----	-	-	-	2	-	-	24	4	-	-	-	-
Wyoming-----	-	-	-	-	-	-	7	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	13	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	1	-	-	-	-
Arizona-----	-	-	1	-	-	-	9	1	-	-	-	-
Utah-----	-	-	-	-	-	-	1	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	2	-	1	6	-	69	70	-	1	-	50
Washington-----	-	1	-	1	-	-	12	8	-	-	-	2
Oregon-----	-	-	-	-	-	-	28	23	-	-	-	-
California-----	-	1	-	-	6	-	29	39	-	1	-	48
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	5	-	-	2	14
Puerto Rico-----	1	-	6	2	-	-	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 JULY 18, 1953, AND JULY 17, 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-----	10,066	4,709	55	65	1,056	1,245	419	335	320	425	22	12
NEW ENGLAND-----	1,033	72	2	1	20	42	10	14	6	13	-	-
Maine-----	32	29	-	-	1	5	1	4	-	-	-	-
New Hampshire-----	14	-	-	-	-	5	-	-	-	-	-	-
Vermont-----	100	13	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	725	18	2	-	9	14	5	5	2	6	-	-
Rhode Island-----	54	-	-	-	-	3	-	3	-	-	-	-
Connecticut-----	108	12	-	1	10	15	4	2	4	7	-	-
MIDDLE ATLANTIC-----	3,795	502	11	17	60	164	21	32	9	38	3	1
New York-----	1,928	302	6	14	27	103	9	23	6	21	2	1
New Jersey-----	923	45	1	2	21	26	12	9	3	17	-	-
Pennsylvania-----	944	155	4	1	12	35	-	-	-	-	1	-
EAST NORTH CENTRAL-----	1,498	1,301	9	12	153	227	60	52	52	55	2	-
Ohio-----	213	313	2	4	51	62	14	18	8	13	1	-
Indiana-----	289	56	1	-	11	22	4	-	6	-	-	-
Illinois-----	297	253	2	5	34	72	19	17	11	16	1	-
Michigan-----	448	347	2	2	54	62	23	17	27	26	-	-
Wisconsin-----	251	332	2	1	3	9	-	-	-	-	-	-
WEST NORTH CENTRAL-----	460	187	3	7	142	136	50	45	43	42	3	-
Minnesota-----	57	10	1	3	6	46	1	22	4	20	-	-
Iowa-----	297	43	1	-	47	10	18	6	22	3	-	-
Missouri-----	16	108	-	1	17	42	9	11	2	7	1	-
North Dakota-----	43	4	-	1	3	1	-	-	-	1	-	-
South Dakota-----	13	-	-	-	6	4	-	-	3	4	2	-
Nebraska-----	24	8	-	2	33	13	15	6	9	7	-	-
Kansas-----	10	14	1	-	30	20	7	-	3	-	-	-
SOUTH ATLANTIC-----	572	260	8	10	158	242	60	79	35	104	5	5
Delaware-----	20	9	1	-	2	-	2	-	-	-	-	-
Maryland-----	67	30	-	2	6	22	5	8	1	14	1	-
District of Columbia-----	11	11	3	1	4	3	1	1	3	2	-	-
Virginia-----	242	44	-	2	13	55	4	27	8	27	2	3
West Virginia-----	81	60	-	-	6	14	4	5	1	6	-	-
North Carolina-----	31	14	2	3	13	88	5	24	7	32	1	2
South Carolina-----	5	31	-	-	21	11	11	3	2	1	1	-
Georgia-----	29	25	2	2	34	24	10	4	1	8	-	-
Florida-----	86	36	-	-	59	25	18	7	12	14	-	-
EAST SOUTH CENTRAL-----	233	65	3	2	93	137	28	29	24	45	7	3
Kentucky-----	28	44	-	-	25	25	17	6	8	11	2	1
Tennessee-----	128	8	1	2	24	62	4	14	2	14	3	1
Alabama-----	59	2	1	-	12	29	2	9	4	20	2	1
Mississippi-----	18	11	1	-	32	21	5	-	10	-	-	-
WEST SOUTH CENTRAL-----	791	552	8	7	241	158	98	38	80	75	1	-
Arkansas-----	15	29	-	1	13	19	6	6	7	9	-	-
Louisiana-----	11	22	2	-	37	23	22	8	15	15	-	-
Oklahoma-----	179	23	2	-	51	30	16	9	6	6	1	-
Texas-----	586	478	4	6	140	86	54	15	52	45	-	-
MOUNTAIN-----	312	285	4	2	49	45	12	11	17	2	1	1
Montana-----	40	10	-	1	-	11	-	9	-	1	-	-
Idaho-----	14	55	-	-	1	-	-	-	-	-	1	-
Wyoming-----	8	6	-	-	9	2	-	-	1	-	-	-
Colorado-----	47	100	3	1	7	4	1	-	1	-	-	1
New Mexico-----	20	15	-	-	9	8	5	-	2	-	-	-
Arizona-----	141	20	-	-	20	7	6	2	13	1	-	-
Utah-----	41	73	-	-	1	10	-	-	-	-	-	-
Nevada-----	1	6	1	-	2	3	-	-	-	-	-	-
PACIFIC-----	1,372	1,485	7	7	140	94	80	35	54	51	-	2
Washington-----	178	179	-	2	12	8	4	-	4	-	-	-
Oregon-----	71	114	-	-	6	4	3	2	2	2	-	1
California-----	1,123	1,192	7	5	122	82	73	33	48	49	-	1
Alaska-----	35	83	-	-	6	5	3	2	-	3	-	-
Hawaii-----	20	1	-	-	3	1	3	1	-	-	-	-
Puerto Rico-----	149	43	-	2	-	-	-	-	-	-	-	-

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

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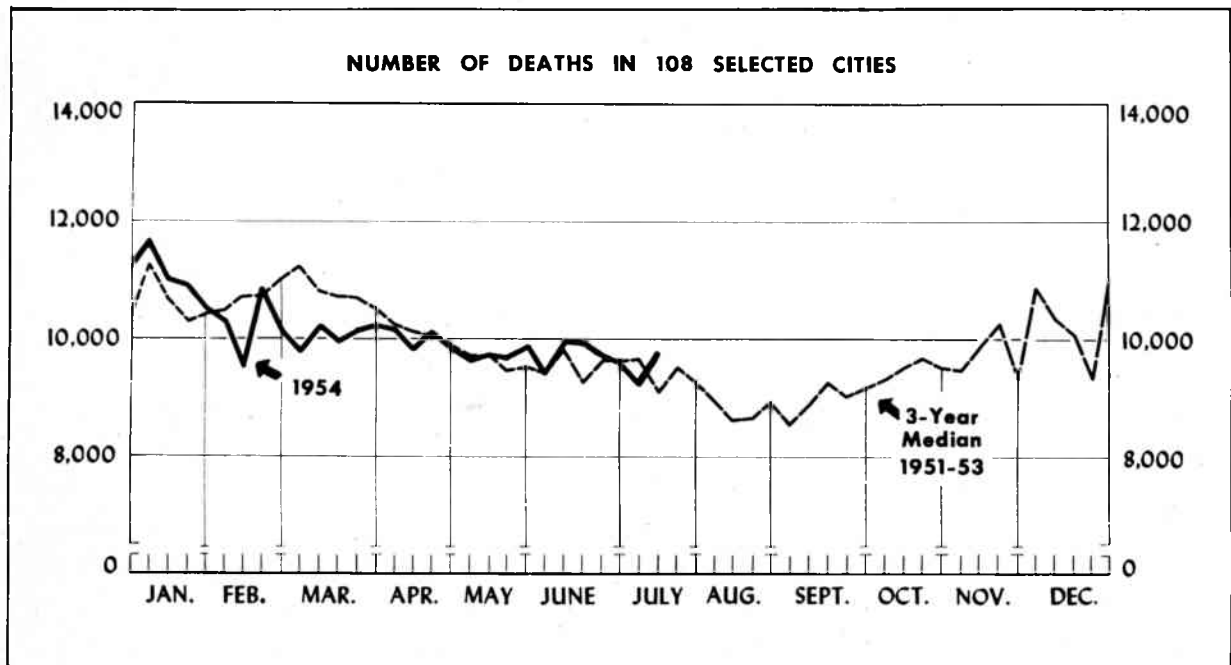
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 18, 1953, AND JULY 17, 1954--Continued

(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)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,600	1,133	4	7	13	76	64	4	1,104	748	107	129
NEW ENGLAND-----	55	53	-	-	-	2	-	-	91	44	-	-
Maine-----	10	17	-	-	-	-	-	-	-	7	-	-
New Hampshire-----	5	12	-	-	-	-	-	-	1	1	-	-
Vermont-----	7	-	-	-	-	-	-	-	2	1	-	-
Massachusetts-----	25	13	-	-	-	-	-	-	37	21	-	-
Rhode Island-----	1	1	-	-	-	-	-	-	13	6	-	-
Connecticut-----	7	10	-	-	-	2	-	-	38	8	-	-
MIDDLE ATLANTIC-----	73	96	2	-	-	8	6	-	163	235	9	8
New York-----	50	62	1	-	-	2	2	-	64	159	9	6
New Jersey-----	5	14	-	-	-	-	1	-	24	33	-	-
Pennsylvania-----	18	20	1	-	-	6	3	-	75	43	-	2
EAST NORTH CENTRAL-----	126	87	1	-	1	3	7	-	217	79	23	23
Ohio-----	15	12	-	-	-	3	2	-	38	12	2	4
Indiana-----	19	9	-	-	-	-	3	-	21	9	12	11
Illinois-----	22	13	-	-	1	-	1	-	43	9	2	3
Michigan-----	35	30	1	-	-	-	1	-	94	32	4	1
Wisconsin-----	35	23	-	-	-	-	-	-	21	17	3	4
WEST NORTH CENTRAL-----	22	36	-	-	2	2	2	-	65	15	9	8
Minnesota-----	14	8	-	-	2	-	-	-	32	1	6	2
Iowa-----	4	1	-	-	-	-	-	-	9	-	2	3
Missouri-----	-	16	-	-	-	1	2	-	5	3	1	1
North Dakota-----	-	6	-	-	-	-	-	-	9	-	-	1
South Dakota-----	1	1	-	-	-	-	-	-	6	-	-	-
Nebraska-----	-	4	-	-	-	-	-	-	-	1	-	1
Kansas-----	3	-	-	-	-	1	-	-	4	10	-	-
SOUTH ATLANTIC-----	100	105	-	2	3	12	13	2	76	65	27	18
Delaware-----	2	-	-	-	-	-	-	-	4	4	-	-
Maryland-----	9	7	-	-	-	1	-	-	9	13	-	-
District of Columbia-----	1	2	-	-	-	-	-	-	2	4	-	-
Virginia-----	42	60	-	1	1	1	5	-	21	16	7	7
West Virginia-----	10	6	-	-	-	5	4	-	-	8	6	3
North Carolina-----	10	7	-	-	-	1	-	-	13	7	5	2
South Carolina-----	6	2	-	-	-	2	2	2	2	2	5	1
Georgia-----	11	19	-	1	2	2	2	-	15	6	1	5
Florida-----	9	2	-	-	-	-	-	-	10	5	3	-
EAST SOUTH CENTRAL-----	47	19	-	-	-	11	14	-	105	53	19	30
Kentucky-----	11	9	-	-	-	3	5	-	56	39	2	9
Tennessee-----	28	8	-	-	-	5	4	-	26	9	2	4
Alabama-----	6	2	-	-	-	1	-	-	17	4	8	9
Mississippi-----	2	-	-	-	-	2	5	-	6	1	7	8
WEST SOUTH CENTRAL-----	718	533	-	4	4	32	21	2	174	156	19	39
Arkansas-----	58	11	-	1	1	5	8	-	14	13	3	3
Louisiana-----	-	2	-	3	-	12	1	-	2	1	1	14
Oklahoma-----	10	7	-	-	2	-	1	-	11	9	-	-
Texas-----	650	513	-	-	1	15	11	2	147	133	15	22
MOUNTAIN-----	347	99	-	-	3	2	1	-	81	39	1	1
Montana-----	2	2	-	-	2	1	-	-	1	19	-	-
Idaho-----	-	12	-	-	-	-	1	-	2	1	-	-
Wyoming-----	9	63	-	-	-	-	-	-	1	1	-	-
Colorado-----	22	5	-	-	-	1	-	-	13	14	-	-
New Mexico-----	7	4	-	-	-	-	-	-	7	2	1	-
Arizona-----	287	1	-	-	-	-	-	-	11	2	-	1
Utah-----	20	12	-	-	1	-	-	-	41	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	5	-	-	-
PACIFIC-----	112	105	1	1	-	4	-	-	132	62	-	2
Washington-----	23	18	-	-	-	1	-	-	11	11	-	-
Oregon-----	13	16	-	-	-	-	-	-	7	26	-	-
California-----	76	71	1	1	-	3	-	-	114	25	-	2
Alaska-----	-	-	-	-	-	-	1	-	-	-	-	-
Hawaii-----	-	2	-	-	-	-	-	-	3	-	-	-
Puerto Rico-----	-	-	-	-	-	2	2	-	42	10	1	1

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

## 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 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	28th week ended July 17, 1954	27th week ended July 10, 1954	28th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 28 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	9,499	8,983	8,925	+6.4	274,941	285,374	-3.7
New England----- (14 cities)	600	559	631	-4.9	18,751	19,259	-2.6
Middle Atlantic----- (17 cities)	2,644	2,723	2,641	+0.1	82,729	86,540	-4.4
East North Central----- (17 cities)	1,903	1,751	1,881	+1.2	57,862	59,699	-3.1
West North Central----- (8 cities)	904	770	630	+43.5	20,216	21,407	-5.6
South Atlantic----- (9 cities)	664	763	714	-7.0	21,420	22,535	-4.9
East South Central----- (8 cities)	486	410	447	+8.7	12,963	13,473	-3.8
West South Central----- (12 cities)	761	685	659	+15.5	19,516	20,032	-2.6
Mountain----- (8 cities)	243	222	227	+7.0	6,491	7,081	-8.3
Pacific----- (12 cities)	1,294	1,100	1,133	+14.2	34,993	35,348	-1.0

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 17, 1954  
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	28th week ended July 17, 1954	27th week ended July 10, 1954	CUMULATIVE NUMBER FOR FIRST 28 WEEKS		CITY	28th week ended July 17, 1954	27th week ended July 10, 1954	CUMULATIVE NUMBER FOR FIRST 28 WEEKS	
			1954	1953				1954	1953
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston-----	200	203	6,272	6,480	St. Louis-----	263	260	6,555	7,107
Bridgeport-----	43	30	1,001	957	St. Paul-----	71	51	1,844	1,806
Cambridge-----	23	24	805	803	Wichita-----	75	42	1,196	1,178
Fall River-----	22	24	805	814	<b>SOUTH ATLANTIC</b>				
Hartford-----	44	29	1,281	1,301	Atlanta-----	105	115	2,945	3,026
Lowell-----	20	20	784	732	Baltimore-----	204	227	6,129	6,537
Lynn-----	23	25	620	625	Charlotte-----	15	30	846	806
New Bedford-----	20	22	637	669	Jacksonville-----	(33)	(47)	(1,381)	---
New Haven-----	29	37	1,241	1,259	Miami-----	51	62	1,814	1,784
Providence-----	59	39	1,683	1,717	Norfolk-----	25	28	834	915
Somerville-----	9	6	398	440	Richmond-----	62	61	1,771	1,854
Springfield, Mass.-----	39	33	1,118	1,113	Savannah-----	(21)	(32)	(793)	---
Waterbury-----	19	24	691	745	Tampa-----	38	50	1,526	1,562
Worcester-----	50	43	1,415	1,604	Washington, D. C.-----	138	152	4,651	5,108
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	26	38	904	943
Albany-----	49	55	1,266	1,273	<b>EAST SOUTH CENTRAL</b>				
Allentown-----	(21)	(27)	(928)	---	Birmingham-----	65	66	2,128	2,054
Buffalo-----	78	155	3,909	4,099	Chattanooga-----	37	36	1,226	1,335
Camden-----	39	36	1,041	1,023	Knoxville-----	38	18	954	934
Elizabeth-----	26	28	757	792	Louisville-----	103	60	2,995	3,012
Erie-----	30	38	972	989	Memphis-----	136	120	2,686	2,974
Jersey City-----	58	62	1,976	1,981	Mobile-----	34	31	873	881
Newark, N. J.-----	115	92	2,787	2,993	Montgomery-----	29	34	718	781
New York City-----	1,379	1,374	43,472	45,571	Nashville-----	44	45	1,383	1,502
Paterson-----	29	36	1,079	1,115	<b>WEST SOUTH CENTRAL</b>				
Philadelphia-----	430	456	13,176	13,812	Austin-----	22	21	705	721
Pittsburgh-----	162	155	4,573	4,936	Baton Rouge-----	16	19	619	402
Reading-----	(21)	(15)	(581)	---	Corpus Christi-----	17	21	468	503
Rochester, N. Y.-----	82	81	2,603	2,752	Dallas-----	100	122	2,769	2,742
Schenectady-----	24	22	676	677	El Paso-----	22	22	771	820
Scranton-----	(23)	(29)	(958)	---	Fort Worth-----	68	59	1,512	1,675
Syracuse-----	48	53	1,545	1,505	Houston-----	123	96	3,434	3,531
Trenton-----	39	28	1,277	1,386	Little Rock-----	56	40	1,178	1,257
Utica-----	31	20	855	882	New Orleans-----	143	164	4,173	4,540
Yonkers-----	25	32	765	754	Oklahoma City-----	77	41	1,630	1,592
<b>EAST NORTH CENTRAL</b>					San Antonio-----	---	(71)	---	(2,331)
Akron-----	51	50	1,572	1,644	Shreveport-----	69	33	1,065	1,150
Canton-----	36	27	821	781	Tulsa-----	48	47	1,192	1,099
Chicago-----	641	599	20,592	21,336	<b>MOUNTAIN</b>				
Cincinnati-----	---	(123)	---	(4,175)	Albuquerque-----	33	29	744	758
Cleveland-----	200	164	5,697	5,833	Colorado Springs-----	11	6	340	389
Columbus-----	98	99	2,881	2,958	Denver-----	106	96	2,905	3,127
Dayton-----	74	53	1,788	1,776	Ogden-----	7	14	282	353
Detroit-----	291	260	8,753	9,008	Phoenix-----	21	17	603	672
Evansville-----	27	29	866	952	Pueblo-----	20	12	374	389
Flint-----	30	35	1,063	1,061	Salt Lake City-----	41	45	1,134	1,246
Fort Wayne-----	21	19	724	846	Tucson-----	4	3	109	147
Gary-----	(16)	(19)	(693)	---	<b>PACIFIC</b>				
Grand Rapids-----	32	32	1,107	1,114	Berkeley-----	24	7	493	477
Indianapolis-----	103	112	3,162	3,202	Long Beach-----	52	44	1,378	1,355
Milwaukee-----	110	114	3,457	3,500	Los Angeles-----	480	397	12,442	12,669
Peoria-----	30	30	857	886	Oakland-----	99	72	2,633	2,720
South Bend-----	21	21	654	679	Pasadena-----	24	31	940	988
Toledo-----	100	69	2,507	2,597	Portland, Oreg.-----	117	96	2,829	2,896
Youngstown-----	38	38	1,361	1,526	Sacramento-----	46	50	1,337	1,346
<b>WEST NORTH CENTRAL</b>					San Diego-----	70	53	2,058	2,034
Des Moines-----	58	63	1,410	1,425	San Francisco-----	163	141	5,177	5,439
Duluth-----	36	20	757	764	Seattle-----	151	126	3,473	3,287
Kansas City, Kans.-----	---	---	---	(980)	Spokane-----	36	44	1,264	1,188
Kansas City, Mo.-----	204	168	3,432	3,546	Tacoma-----	32	39	969	949
Minneapolis-----	117	101	3,275	3,695	Honolulu-----	(29)	(27)	(946)	(892)
Omaha-----	80	65	1,747	1,886					

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

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