

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

August 6, 1954

Washington 25, D. C.

Vol. 3, No. 30

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 31, 1954

The number (1,484) of reported cases of poliomyelitis for the current week excludes reports from New Mexico and West Virginia. These States reported only 10 cases last week. The increase in incidence of about 28 percent over that for last week is normal for this time of year. States reporting relatively large increases over last week are as follows: Pennsylvania, 11 to 30 cases; Ohio, 37 to 60; Indiana, 18 to 30; Wisconsin, 6 to 17; Minnesota, 15 to 36; Iowa, 57 to 80; Virginia, 16 to 28; North Carolina, 25 to 55; Kentucky, 24 to 50; and Mississippi, 22 to 43.

The cumulative total number of cases of poliomyelitis for the year to date is 9,171 as compared with 10,582 and 9,840, respectively, for the corresponding periods of 1952 and 1953. Beginning with the first week in April, when the incidence usually begins to rise, the cumulative total is 7,619 as compared with 8,259 for the corresponding period of 1953. In 1952 the corresponding total was 9,327.

Excess mortality in West Central States

The extreme heat experienced by the West Central States has resulted in excess deaths for 2 weeks. During the 28th and 29th weeks the 9 major cities of the West North Central States reported 52 percent more deaths for each of these two weeks than the corresponding median of the previous 3 years. The 13 major cities of the West South Central States reported 14 and 31 percent more deaths in the same weeks. The number of deaths for cities in both divisions has dropped back to the median value for the current week.

EPIDEMIOLOGICAL REPORTS

Psittacosis

The California Department of Public Health reports 3 cases of psittacosis. One case was in a part-time caretaker of a pet shop where he came in contact with psittacine birds and pigeons. He had cleaned out a pigeon loft 30 days prior to the onset of his illness. A chest X-ray showed pneumonitis in the left lower lung area. The complement fixation test showed a rise in titer from 1:8 to 1:32. Laboratory examination of 6 birds is not yet complete. Another person, who was in contact with 70 parakeets in a private aviary, became ill with a mild upper respiratory infection, a slight fever, but no cough. The complement fixation test on a blood specimen was positive for psittacosis in a dilution of 1:64. The third case was in a person who became ill in 1953. The only bird known to have been associated with this case was a gift parakeet. This bird had been in his possession for about 18 months and had never appeared ill and is still living. The patient died in May 1954, and an autopsy was performed. There was no evidence of pneumonitis at the time of the autopsy and the pathologist was not aware of the possibility of psittacosis. Laboratory tests were made because of an unexplained febrile illness. The primary cause of death was given on the death certificate as generalized fibrino-purulent peritonitis. Psittacosis was added as a secondary cause upon receipt of the laboratory report to the effect that blood specimens showed a very high titer of complement fixing antibodies for psittacosis.

Epidemic diarrhea

Dr. D. S. Fleming, Minnesota Department of Health, reports an outbreak of epidemic diarrhea involving 6 out of 8 infants in a newborn nursery of a hospital. One infant developed regurgitation, rapid pulse, and unusual redness of skin, loose stools, and anuria 3 days after birth. Three days later, 5 other infants in the nursery began regurgitating and had loose green stools. There was no history of illness or infection in the mothers or hospital personnel. Laboratory examinations have not as yet been completed.

Salmonellosis

Dr. J. R. Enright, Hawaii Department of Health, reports an outbreak of salmonellosis among 535 families following the consumption of roast pork. Of approximately 2,000 persons in these families, about 100 became ill from 3 hours to 5 days after eating the pork. An investigation revealed that persons, with 1 exception, who heated or recooked the pork before eating it remained well. *Salmonella typhimurium* has been isolated from stool specimens of 30 patients. Five of the 20 food handlers were found to be harboring the same organism. Of these, 3 had eaten pork and were classified as cases. The remaining 2 were tentatively classed as carriers. The pork was roasted, prepared, and sold by a baseball team in order to raise money for a trip to another island. The meat, "kalua pig," was roasted with hot stones in a pit. Dressed pigs, covered with burlap, were buried in the pit and allowed to roast for 5 or 6 hours before being uncovered. The cooked pigs were then carried to a screened room where the meat was removed from the bones. The meat was packaged in 1 and 2 pound cartons which were delivered to the 535 families. The investigation revealed the presence of mice in the screened room. Twenty-seven mice have been trapped to date and 4 have been sent to the laboratory for examination. One of the 4 was positive for *S. typhimurium*, and another has been found to be positive for salmonella in group G. Laboratory examination of pork samples revealed the presence of *S. typhimurium* and *Staphylococcus aureus*. It is believed that when the pork was removed from the pit it was in sterile condition and became contaminated during the handling. The salmonella contamination was possibly caused by an unclean food handler, who was a carrier, or by the mice. The source of the staphylococcal contamination was not found but it is believed to be one of the food handlers.

Typhoid fever

The California Department of Public Health reports 6 cases of typhoid fever among 200 persons who attended a wedding reception the latter part of June. A rice dish was suspected to be the vehicle of infection. It had been prepared by a 71-year-old woman with a history of typhoid fever in her family. Other guests are being checked for missed cases and suspected carriers. Laboratory studies are not yet complete.

Gastro-enteritis

Dr. R. R. Cross, Illinois Department of Public Health, reports an outbreak of gastro-enteritis in an institution. Eighty persons became ill with severe vomiting and diarrhea about 3 hours after

COMMUNICABLE DISEASE CENTER

LIBRARY

50 SEVENTH STREET, N. E.

ATLANTA 23, GEORGIA

Morbidity and Mortality Weekly Report

consumption of a noon meal. Chicken salad was suspected to be the vehicle of infection, and specimens have been collected for bacteriological examination. The laboratory report is not yet available.

The California Department of Public Health reports an out-

break of gastro-enteritis in a private home. Four of 5 persons became ill with abdominal pains, vomiting, and diarrhea about 10 hours after eating roast beef and green onions. Laboratory examination of a specimen of the beef showed a moderate number of pigmented colonies of gram positive cocci.

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	30th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 31, 1954	Ended August 1, 1953	Median 1949-53	First 30 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	13	20	27	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	13	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	47	50	---	² 952	1,017	---	(1)	(1)	(1)	(1)
Diphtheria-----055	16	33	42	993	1,172	2,127	121	120	157	July 1
Encephalitis, infectious-----082	22	16	31	891	607	540	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	740	588	---	34,012	19,637	---	(1)	(1)	(1)	(1)
Malaria-----110-117	37	56	---	355	784	---	(1)	(1)	(1)	(1)
Measles-----085	4,534	2,783	2,502	618,738	405,351	460,684	654,830	436,785	490,074	Sept. 1
Meningococcal infections-----057	56	54	54	2,814	3,547	2,699	4,136	4,822	3,778	Sept. 1
Polio-myelitis-----080	1,484	1,626	1,626	³ 9,171	9,840	8,272	³ 7,619	8,259	7,267	Apr. 1
Psittacosis-----096.2	⁴ 11	3	---	⁵ 356	34	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	3	3	3	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	11	20	23	168	200	211	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,377	1,005	324	⁶ 107,714	99,607	57,180	⁶ 142,348	136,195	80,386	Aug. 1
Smallpox-----084	-	-	-	-	5	13	(1)	(1)	(1)	(1)
Trichiniasis-----128	3	7	---	162	257	---	(1)	(1)	(1)	(1)
Tularemia-----059	15	10	16	359	329	407	(1)	(1)	(1)	(1)
Typhoid fever-----040	69	85	81	1,113	1,171	1,265	704	866	862	Apr. 1
Typhus fever, endemic-----101	5	8	---	109	147	---	75	107	---	Apr. 1
Whooping cough-----056	1,397	801	1,274	32,931	20,075	33,410	42,688	27,932	44,694	Oct. 1
Rabies in animals-----	96	112	---	4,560	4,527	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.

²Deductions: Georgia, week ended July 17, 1 case; Arkansas, week ended July 24, 2 cases.

³Deductions: Alabama and Mississippi, week ended July 24, 1 case each.

⁴Illinois, Montana, New York, North Carolina, and Ohio, 1 case each; Alabama, California, and Pennsylvania, 2 cases each.

⁵Addition: New Jersey, week ended July 24, 1 case.

⁶Addition: Kentucky, week ended July 24, 23 cases.

NOTE.—No reports for the current week have been received from West Virginia and New Mexico.

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 AUGUST 1, 1953, AND JULY 31, 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 ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	47	50	16	33	22	16	740	588	22	23	15	33
NEW ENGLAND-----	3	5	-	2	1	-	36	26	-	1	2	3
Maine-----	-	-	-	1	-	-	11	5	-	1	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	2	1	-	-	-	-	3	1	-	-	-	-
Massachusetts-----	1	1	-	1	1	-	12	14	-	-	2	3
Rhode Island-----	-	-	-	-	-	-	4	-	-	-	-	-
Connecticut-----	-	3	-	-	-	-	6	4	-	-	-	-
MIDDLE ATLANTIC-----	4	4	-	1	7	4	182	73	4	-	1	1
New York-----	4	2	-	1	7	4	131	64	-	-	1	1
New Jersey-----	-	1	-	-	-	-	12	1	4	-	-	-
Pennsylvania-----	-	1	-	-	-	-	39	8	-	-	-	-
EAST NORTH CENTRAL-----	8	12	2	3	2	3	82	70	-	1	-	-
Ohio-----	-	-	1	2	1	1	8	12	-	-	-	-
Indiana-----	-	-	1	1	-	-	7	16	-	-	-	-
Illinois-----	6	8	-	-	-	1	51	17	-	-	-	-
Michigan-----	1	1	-	-	1	1	12	23	-	-	-	-
Wisconsin-----	1	3	-	-	-	-	4	2	-	1	-	-
WEST NORTH CENTRAL-----	16	10	-	2	2	2	105	63	3	1	-	2
Minnesota-----	1	2	-	1	-	1	44	12	1	1	-	-
Iowa-----	11	6	-	1	-	-	48	29	-	-	-	-
Missouri-----	3	-	-	-	-	-	4	6	1	-	-	2
North Dakota-----	1	-	-	-	-	1	2	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	12	-	-	-	-
Kansas-----	-	2	-	-	2	-	7	2	1	-	-	-
SOUTH ATLANTIC-----	4	4	1	7	1	2	54	106	1	1	8	21
Delaware-----	-	-	-	-	-	-	3	1	-	-	-	-
Maryland-----	-	-	-	-	-	-	6	8	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	-	-
Virginia-----	1	2	-	-	1	-	33	44	-	-	2	3
West Virginia-----	-	-	-	-	-	-	-	12	-	-	-	-
North Carolina-----	-	-	-	-	-	-	7	25	-	-	2	-
South Carolina-----	-	-	1	1	-	2	4	-	1	1	4	7
Georgia-----	3	2	-	3	-	-	1	1	-	-	-	10
Florida-----	-	-	-	3	-	-	-	14	-	-	-	1
EAST SOUTH CENTRAL-----	2	3	8	10	1	4	74	64	1	6	-	1
Kentucky-----	2	-	-	-	-	-	14	6	-	-	-	-
Tennessee-----	-	1	1	1	1	4	12	14	-	-	-	1
Alabama-----	-	2	4	8	-	-	13	7	1	3	-	-
Mississippi-----	-	-	3	1	-	-	35	37	-	3	-	-
WEST SOUTH CENTRAL-----	7	9	4	4	-	-	51	61	7	10	2	-
Arkansas-----	2	1	-	-	-	-	12	6	1	-	-	-
Louisiana-----	3	6	-	-	-	-	4	-	-	-	2	-
Oklahoma-----	-	-	1	-	-	-	7	5	1	2	-	-
Texas-----	2	2	3	4	-	-	28	50	5	8	-	-
MOUNTAIN-----	2	2	-	1	1	1	36	5	4	-	-	-
Montana-----	-	1	-	-	1	1	2	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	12	2	-	-	-	-
Wyoming-----	-	1	-	-	-	-	1	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	12	1	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	1	-	-	-	-
Arizona-----	-	-	-	-	-	-	8	1	4	-	-	-
Utah-----	2	-	-	1	-	-	1	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	1	1	3	7	-	120	120	2	3	2	5
Washington-----	-	-	-	1	-	-	17	14	-	-	-	1
Oregon-----	-	-	-	1	-	-	49	56	-	2	-	-
California-----	1	1	1	1	7	-	54	50	2	1	2	4
Alaska-----	-	-	1	-	-	-	1	2	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	1	-	-	3	10
Puerto Rico-----	-	-	2	14	-	-	-	-	-	-	-	-

¹Includes cases not specified as civilian or military.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 1, 1953, AND JULY 31, 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 ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	4,534	2,783	56	54	1,484	1,626	520	453	541	546	11	20
NEW ENGLAND-----	475	65	1	5	21	63	7	20	10	19	-	1
Maine-----	22	20	-	-	-	14	-	11	-	3	-	-
New Hampshire-----	16	1	-	-	1	15	-	-	-	-	-	-
Vermont-----	41	4	-	1	1	1	1	-	-	-	-	-
Massachusetts-----	279	16	1	1	9	21	4	5	3	9	-	1
Rhode Island-----	35	4	-	-	2	5	-	2	2	3	-	-
Connecticut-----	82	20	-	3	8	7	2	1	5	4	-	-
MIDDLE ATLANTIC-----	1,586	273	7	10	105	202	27	45	25	39	2	1
New York-----	892	173	3	6	56	134	18	30	17	25	1	1
New Jersey-----	439	39	1	1	19	29	9	15	8	14	1	-
Pennsylvania-----	255	61	3	3	30	39	-	-	-	-	-	-
EAST NORTH CENTRAL-----	741	619	13	8	263	373	88	77	95	99	-	4
Ohio-----	106	118	2	4	60	124	11	29	12	19	-	2
Indiana-----	24	32	3	2	30	33	11	-	9	-	-	1
Illinois-----	243	156	5	1	78	99	37	22	29	24	-	1
Michigan-----	156	151	2	1	78	96	26	26	37	56	-	-
Wisconsin-----	212	162	1	-	17	21	3	-	8	-	-	-
WEST NORTH CENTRAL-----	161	52	4	1	210	257	56	69	78	82	2	-
Minnesota-----	40	8	-	-	36	104	10	35	17	48	-	-
Iowa-----	55	22	-	-	80	25	21	8	37	13	-	-
Missouri-----	5	6	2	1	19	49	6	12	2	8	-	-
North Dakota-----	54	3	1	-	7	10	-	6	1	3	-	-
South Dakota-----	4	7	-	-	3	15	-	1	-	-	-	-
Nebraska-----	2	5	1	-	23	21	8	8	12	10	2	-
Kansas-----	1	1	-	-	42	33	11	-	8	-	-	-
SOUTH ATLANTIC-----	246	137	4	6	201	249	62	70	65	118	6	10
Delaware-----	3	2	-	-	4	-	3	-	1	-	-	-
Maryland-----	31	5	1	-	3	33	1	15	2	18	1	3
District of Columbia-----	8	2	-	-	4	4	3	-	1	3	-	-
Virginia-----	125	45	2	-	28	42	17	13	9	24	2	2
West Virginia-----	-	23	-	-	-	38	-	14	-	19	-	-
North Carolina-----	41	6	-	-	55	87	16	18	25	44	3	3
South Carolina-----	11	15	-	1	23	12	8	4	12	2	-	1
Georgia-----	13	20	-	2	36	13	8	3	12	3	-	1
Florida-----	14	19	1	3	48	20	6	3	3	5	-	-
EAST SOUTH CENTRAL-----	78	52	9	6	144	105	49	35	35	34	-	1
Kentucky-----	14	8	5	4	50	18	28	7	14	7	-	-
Tennessee-----	26	11	3	-	31	53	1	16	4	18	-	-
Alabama-----	20	8	-	1	20	21	10	12	8	9	-	1
Mississippi-----	18	25	1	1	43	13	10	-	9	-	-	-
WEST SOUTH CENTRAL-----	337	448	10	11	258	147	101	40	107	69	-	-
Arkansas-----	5	7	1	2	21	12	13	10	7	2	-	-
Louisiana-----	2	5	2	2	34	25	16	9	18	16	-	-
Oklahoma-----	17	18	2	4	40	18	9	6	7	5	-	-
Texas-----	313	418	5	3	163	92	63	15	75	46	-	-
MOUNTAIN-----	158	137	-	4	39	66	10	16	10	16	1	2
Montana-----	50	10	-	1	2	9	-	6	-	2	-	-
Idaho-----	5	17	-	-	3	3	-	-	-	-	-	-
Wyoming-----	2	-	-	-	4	2	1	1	-	-	1	-
Colorado-----	15	44	-	-	12	10	6	5	5	5	-	1
New Mexico-----	-	7	-	-	-	5	-	-	-	-	-	-
Arizona-----	61	4	-	2	9	24	3	4	5	8	-	-
Utah-----	23	55	-	1	4	12	-	-	-	-	-	1
Nevada-----	2	-	-	-	5	1	-	-	-	1	-	-
PACIFIC-----	752	1,000	8	3	243	164	120	81	116	70	-	1
Washington-----	76	361	-	-	11	10	3	-	7	-	-	-
Oregon-----	35	75	1	-	10	7	4	1	3	6	-	1
California-----	641	564	7	3	222	147	113	80	106	64	-	-
Alaska-----	180	9	-	-	15	1	6	-	3	1	-	-
Hawaii-----	7	10	-	-	3	3	-	-	3	3	-	-
Puerto Rico-----	44	24	-	-	-	-	-	-	-	-	-	-

²Includes cases not specified by type, category number (080.3).

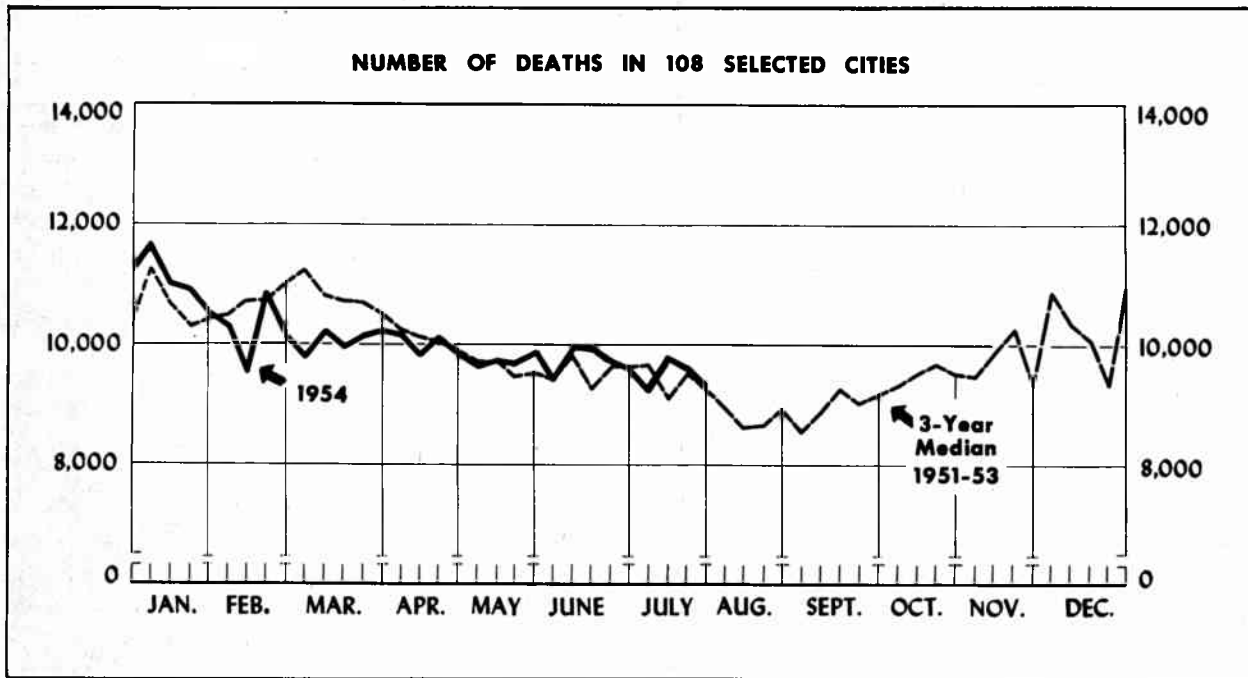
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 1, 1953, AND JULY 31, 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-NTIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (161)	WHOPPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,377	1,005	3	15	10	69	85	5	1,397	801	96	112
NEW ENGLAND-----	50	22	-	-	-	-	3	-	86	65	-	-
Maine-----	10	7	-	-	-	-	1	-	4	-	-	-
New Hampshire-----	5	1	-	-	-	-	-	-	-	7	-	-
Vermont-----	2	-	-	-	-	-	-	-	2	15	-	-
Massachusetts-----	24	9	-	-	-	-	-	-	48	27	-	-
Rhode Island-----	4	2	-	-	-	-	-	-	7	12	-	-
Connecticut-----	5	3	-	-	-	-	2	-	25	4	-	-
MIDDLE ATLANTIC-----	65	55	-	-	-	4	12	-	193	260	21	10
New York-----	47	32	-	-	-	3	2	-	96	163	21	10
New Jersey-----	4	8	-	-	-	1	2	-	39	52	-	-
Pennsylvania-----	14	15	-	-	-	-	8	-	58	45	-	-
EAST NORTH CENTRAL-----	85	81	3	4	-	3	7	-	401	178	17	16
Ohio-----	13	29	3	-	-	2	2	-	51	25	-	1
Indiana-----	28	5	-	-	-	-	4	-	34	22	4	12
Illinois-----	16	12	-	4	-	1	1	-	55	11	3	2
Michigan-----	13	18	-	-	-	-	-	-	198	84	7	1
Wisconsin-----	15	17	-	-	-	-	-	-	63	36	3	-
WEST NORTH CENTRAL-----	44	20	-	-	1	10	6	-	91	34	8	13
Minnesota-----	15	9	-	-	-	-	-	-	40	3	1	2
Iowa-----	2	3	-	-	-	1	1	-	12	16	2	-
Missouri-----	2	1	-	-	1	8	5	-	11	1	4	9
North Dakota-----	24	-	-	-	-	-	-	-	20	-	-	-
South Dakota-----	-	5	-	-	-	-	-	-	-	4	-	-
Nebraska-----	-	2	-	-	-	-	-	-	-	-	1	2
Kansas-----	1	-	-	-	-	1	-	-	8	10	-	-
SOUTH ATLANTIC-----	67	74	-	2	1	8	15	2	145	70	23	24
Delaware-----	-	-	-	-	-	-	-	-	3	-	-	-
Maryland-----	5	4	-	-	-	-	-	-	35	16	-	-
District of Columbia-----	-	-	-	-	-	2	-	-	5	4	-	-
Virginia-----	31	43	-	-	-	1	2	-	55	24	5	3
West Virginia-----	-	8	-	-	-	-	1	-	-	5	-	6
North Carolina-----	10	4	-	1	-	-	2	-	35	10	10	2
South Carolina-----	1	2	-	-	-	5	4	1	4	7	6	7
Georgia-----	16	4	-	1	1	-	2	-	3	-	2	5
Florida-----	4	9	-	-	-	-	4	1	5	4	-	1
EAST SOUTH CENTRAL-----	43	23	-	1	2	13	12	2	85	32	14	28
Kentucky-----	18	6	-	-	-	6	2	-	45	16	1	5
Tennessee-----	18	5	-	1	3	3	2	-	21	8	3	8
Alabama-----	1	3	-	1	3	1	1	2	18	6	9	9
Mississippi-----	6	9	-	1	1	7	-	-	1	2	1	6
WEST SOUTH CENTRAL-----	658	508	-	8	3	15	24	1	175	59	12	18
Arkansas-----	50	29	-	7	-	9	-	-	24	3	-	1
Louisiana-----	2	1	-	1	-	1	14	-	3	1	-	-
Oklahoma-----	3	9	-	-	1	-	-	-	5	2	2	-
Texas-----	603	469	-	-	3	4	10	1	143	53	10	17
MOUNTAIN-----	266	64	-	-	2	4	3	-	43	46	-	-
Montana-----	4	1	-	-	-	-	-	-	8	6	-	-
Idaho-----	-	13	-	-	-	-	1	-	2	1	-	-
Wyoming-----	8	30	-	-	1	1	-	-	-	5	-	-
Colorado-----	9	6	-	-	-	-	1	-	1	20	-	-
New Mexico-----	-	9	-	-	-	-	-	-	-	8	-	-
Arizona-----	211	1	-	-	-	2	-	-	22	2	-	-
Utah-----	34	4	-	-	1	1	1	-	10	4	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	99	158	-	-	1	12	3	-	178	57	1	3
Washington-----	16	7	-	-	-	1	-	-	16	9	-	-
Oregon-----	21	15	-	-	-	-	-	-	16	24	-	-
California-----	62	136	-	-	1	11	3	-	146	24	1	3
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	12	7	-	2

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	30th week ended July 31, 1954	29th week ended July 24, 1954	30th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 30 WEEKS		
					1954	1953	Percent change
TOTAL: 107 REPORTING CITIES-----	9,202	9,477	9,117	+0.9	297,937	308,588	-3.5
New England----- (14 cities)	564	548	591	-4.6	19,863	20,490	-3.1
Middle Atlantic----- (17 cities)	2,726	2,550	2,532	+7.7	88,005	91,985	-4.3
East North Central----- (18 cities)	1,889	2,088	2,028	-6.9	65,780	67,975	-3.2
West North Central----- (9 cities)	739	945	740	-0.1	22,889	23,732	-3.6
South Atlantic----- (9 cities)	744	748	730	+1.9	22,912	24,005	-4.6
East South Central----- (8 cities)	493	478	443	+11.3	13,934	14,395	-3.2
West South Central----- (12 cities)	707	781	688	+2.8	20,391	20,897	-2.4
Mountain----- (8 cities)	191	232	229	-16.6	6,914	7,529	-8.2
Pacific----- (12 cities)	1,149	1,107	1,076	+6.8	37,249	37,580	-0.9

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 31, 1954

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

CITY	30th week ended July 31, 1954	29th week ended July 24, 1954	CUMULATIVE NUMBER FOR FIRST 30 WEEKS		CITY	30th week ended July 30, 1954	29th week ended July 29, 1954	CUMULATIVE NUMBER FOR FIRST 30 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	188	169	6,629	6,878	St. Louis-----	244	333	7,132	7,530
Bridgeport-----	43	29	1,073	1,029	St. Paul-----	55	60	1,959	1,904
Cambridge-----	17	19	841	847	Wichita-----	53	91	1,340	1,242
Fall River-----	28	20	853	869	SOUTH ATLANTIC				
Hartford-----	30	46	1,357	1,401	Atlanta-----	116	109	3,170	3,198
Lowell-----	26	19	829	775	Baltimore-----	200	208	6,537	6,995
Lynn-----	16	25	661	665	Charlotte-----	21	25	892	869
New Bedford-----	23	20	680	701	Jacksonville-----	(70)	(61)	(1,512)	---
New Haven-----	35	33	1,309	1,336	Miami-----	92	46	1,952	1,888
Providence-----	60	54	1,797	1,829	Norfolk-----	32	32	898	981
Somerville-----	14	13	425	473	Richmond-----	55	81	1,907	1,985
Springfield, Mass.-----	26	39	1,183	1,177	Savannah-----	(42)	(23)	(858)	---
Waterbury-----	18	30	739	795	Tampa-----	46	43	1,615	1,651
Worcester-----	40	32	1,487	1,715	Washington, D. C.-----	147	160	4,958	5,435
MIDDLE ATLANTIC					Wilmington, Del.-----	35	44	983	1,003
Albany-----	37	47	1,350	1,355	EAST SOUTH CENTRAL				
Allentown-----	(25)	(40)	(993)	---	Birmingham-----	66	70	2,264	2,221
Buffalo-----	133	122	4,164	4,377	Chattanooga-----	60	52	1,338	1,412
Camden-----	26	36	1,103	1,109	Knorrville-----	34	40	1,028	1,002
Elizabeth-----	40	39	836	816	Louisville-----	118	97	3,210	3,210
Erie-----	23	41	1,036	1,046	Memphis-----	99	114	2,899	3,170
Jersey City-----	55	60	2,091	2,127	Mobile-----	35	28	936	951
Newark, N. J.-----	97	72	2,956	3,194	Montgomery-----	28	25	771	827
New York City-----	1,474	1,329	46,275	48,307	Nashville-----	53	52	1,488	1,602
Paterson-----	43	40	1,162	1,178	WEST SOUTH CENTRAL				
Philadelphia-----	432	384	13,992	14,743	Austin-----	34	34	773	773
Pittsburgh-----	134	148	4,855	5,249	Baton Rouge-----	17	13	649	438
Reading-----	(18)	(23)	(622)	---	Corpus Christi-----	23	13	504	536
Rochester, N. Y.-----	74	69	2,746	2,903	Dallas-----	---	(131)	---	(2,917)
Schenectady-----	25	20	721	718	El Paso-----	31	29	831	856
Scranton-----	(23)	(42)	(1,023)	---	Fort Worth-----	66	75	1,653	1,793
Syracuse-----	41	50	1,636	1,627	Houston-----	123	123	3,680	3,769
Trenton-----	38	36	1,351	1,470	Little Rock-----	38	50	1,266	1,327
Utica-----	31	31	917	958	New Orleans-----	129	150	4,452	4,830
Yonkers-----	23	26	814	808	Oklahoma City-----	66	111	1,807	1,679
EAST NORTH CENTRAL					San Antonio-----	86	66	2,308	2,499
Akron-----	50	59	1,681	1,740	Shreveport-----	38	54	1,157	1,231
Canton-----	22	20	863	832	Tulsa-----	56	63	1,311	1,166
Chicago-----	582	661	21,835	22,623	MOUNTAIN				
Cincinnati-----	130	152	4,223	4,436	Albuquerque-----	18	26	788	815
Cleveland-----	189	182	6,068	6,229	Colorado Springs-----	8	9	357	414
Columbus-----	84	87	3,052	3,165	Denver-----	89	91	3,085	3,313
Dayton-----	67	61	1,916	1,903	Ogden-----	15	22	317	381
Detroit-----	279	341	9,373	9,614	Phoenix-----	13	23	641	712
Evansville-----	30	27	923	1,008	Pueblo-----	14	14	402	414
Flint-----	27	39	1,122	1,123	Salt Lake City-----	29	44	1,207	1,323
Fort Wayne-----	33	24	781	911	Tucson-----	5	3	117	157
Gary-----	(29)	(20)	(742)	---	PACIFIC				
Grand Rapids-----	33	22	1,162	1,189	Berkeley-----	14	21	528	501
Indianapolis-----	86	113	3,361	3,404	Long Beach-----	47	37	1,462	1,437
Milwaukee-----	108	120	3,685	3,729	Los Angeles-----	453	414	13,309	13,524
Peoria-----	23	22	902	947	Oakland-----	60	84	2,777	2,884
South Bend-----	15	27	696	716	Pasadena-----	21	42	1,003	1,045
Toledo-----	91	85	2,683	2,775	Portland, Oreg.-----	92	66	2,987	3,058
Youngstown-----	40	46	1,447	1,631	Sacramento-----	48	30	1,415	1,428
WEST NORTH CENTRAL					San Diego-----	69	57	2,184	2,158
Des Moines-----	56	48	1,514	1,500	San Francisco-----	175	190	5,542	5,787
Duluth-----	28	22	807	822	Seattle-----	96	97	3,666	3,495
Kansas City, Kans.-----	35	42	1,066	1,037	Spokane-----	36	36	1,336	1,257
Kansas City, Mo.-----	113	200	3,745	3,793	Tacoma-----	38	33	1,040	1,006
Minneapolis-----	95	86	3,456	3,914	Honolulu-----	(32)	(30)	(1,008)	(949)
Omaha-----	60	63	1,870	1,990					

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

GPO 878243

If you do not desire to continue receiving
this publication, please check here
and return.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.

Official Business

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
GPO