

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 5, 1958

Five cases of typhoid fever are reported to have occurred on a military establishment in Nevada. A preliminary report indicates that a civilian employee who had typhoid fever more than 20 years ago was the source of infection.

Dr. C. S. McCammon, Indian Health Service, has reported the occurrence of 6 cases of poliomyelitis on an Indian reservation in Montana. Three of the cases have been confirmed.

Hawaii reported 4 cases of paralytic poliomyelitis for the week ended July 5. This brings the total for the year to 27, all paralytic. The cases have been mostly in preschool children. Of the 23 cases for which information is available, 4 had had 3 injections of poliomyelitis vaccine, 5 had received 2, and 4 had had 1. Several of the latter had received vaccine recently, probably, too late to provide much protection. The cases continue to be concentrated in dependents of military personnel; 4 were

born in the Territory, and 4 others had lived there 2 years or more. Type I virus has been isolated from 15 cases and in some instances from family contacts.

Information from the Texas Department of Health states that followup reports on 20 cases of paralytic poliomyelitis that occurred during 1957 in triply vaccinated persons show that 9 made a complete recovery with no residual paralysis. Slight residual weakness was listed for 7 cases. The diagnosis was changed in 2 cases to "not poliomyelitis." Only 2 cases were classified as having persistent moderate weakness.

The average incidence of poliomyelitis per week during June was almost double that for May. The number of reported cases during June rose from 29 in the first week to 70 in the last week, with an average of about 53 cases per week. The

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	27th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 5, 1958	Ended July 6, 1957	Median 1953-57	First 27 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	1 ¹	-	-	5	11	17	(²)	(²)	(²)	(²)
Botulism-----049.1	-	1	-	3	1	5	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	22	14	22	407	516	652	(²)	(²)	(²)	(²)
Diphtheria-----055	9	5	19	359	469	846	9	5	19	July 1
Encephalitis, infectious-----082	33	49	29	810	745	745	201	185	166	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	224	208	411	8,622	9,197	17,815	12,427	14,396	23,888	Sept. 1
Malaria-----110-117	5	3	11	35	52	165	(²)	(²)	(²)	(²)
Measles-----085	10,523	6,504	8,017	673,925	427,360	501,385	706,828	464,569	548,260	Sept. 1
Meningococcal infections-----057	35	33	50	1,458	1,409	2,231	2,415	2,140	3,253	Sept. 1
Meningitis, other-----340	48	53	---	1,284	949	---	---	---	---	---
Poliomyelitis-----080	63	146	333	688	1,544	3,858	469	1,018	2,707	Apr. 1
Paralytic-----080.0, 080.1	30	50	---	344	674	---	223	400	---	Apr. 1
Nonparalytic-----080.2	22	80	---	233	661	---	166	498	---	Apr. 1
Unspecified-----080.3	11	16	---	111	209	---	80	120	---	Apr. 1
Psittacosis-----096.2	7	11	11	77	158	163	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	3	3	(²)	(²)	(²)	(²)
Typhoid fever-----040	22	25	32	425	563	882	248	306	483	Apr. 1
Typhus fever, endemic-----101	1	2	5	34	59	59	22	34	40	Apr. 1
Rabies in animals-----	100	66	66	2,600	2,614	3,124	3,415	3,578	4,489	Oct. 1

¹Reported in Arkansas.

²Data show no pronounced seasonal change in incidence.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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2. Morbidity and Mortality Weekly Report

average in May was about 27 per week. In June of 1957 the average was 109 cases per week. The proportion of paralytic cases increased slightly during the past month to about 50 percent; during the first 9 weeks of the current poliomyelitis disease year the proportion of paralytic cases was about 45 percent. Through the first quarter of the disease year the South Atlantic and South Central States have reported 61 percent of the total cases and 63 percent of the paralytic. The Pacific and Mountain States have reported 21 percent of the total and 23 percent of the paralytic cases. The other 18 percent of the total and 14 percent of the paralytic were from the New England, Middle Atlantic, and North Central States. The proportion of the paralytic to total cases in each of these areas was respectively 100 percent (only 5 cases total in New England), 47 percent and 28 percent. Texas, California, and Florida together accounted for 48 percent of the total cases and 51 percent of the paralytic cases. Six States, New Hampshire, Vermont, Rhode Island, Pennsylvania, Maryland, and Idaho reported no poliomyelitis during the first quarter of this disease year.

EPIDEMIOLOGICAL REPORTS

Acute glomerulonephritis

Dr. A. M. Washburn, Arkansas Board of Health, has supplied information on an outbreak of acute glomerulonephritis that occurred in a town of about 10,000 population. During the fall and winter there was a relatively high incidence of infectious illnesses including measles, German measles, and chicken pox. Influenza was epidemic in November. No abnormal number of cases or outbreak of streptococcal sore throat or tonsillitis seems to have occurred in the town, but there were the usual number of upper respiratory infections. The onset of the first case, the daughter of a physician, of acute glomerulonephritis was on December 9 and the last on May 17. During this period 11 cases ranging in age from 3 to 27 years occurred. Eight were females. Beta hemolytic streptococci were isolated from 2 of the 11 cases, and none from throat cultures of 12 contacts. Increased antistreptolysin titers were found in 3 of the cases. The wide distribution of cases with respect to time and the failure to recognize a definite localized outbreak of streptococcal sore throat were regarded by investigators as being quite unusual features. It was postulated that since it was a local medical custom to distribute antibiotics generously, any rapid spread of a nephritogenic strain of streptococcus was prevented. This may have caused the outbreak to be smoldering rather than focalized. At least 6 of the 11 cases had received penicillin for sore throat within 2 weeks of the onset of nephritis.

Coccidioidomycosis

Dr. A. C. Hollister, Jr., California Department of Public Health, has reported the results of an investigation of a case of occupational coccidioidomycosis in an employee of a soil laboratory. Soil samples from all parts of the State are examined in the laboratory, and all the employees are exposed more or less to dust from the samples. A 23-year-old male had been employed by the laboratory in October of 1957. In February of 1958 he developed influenza-like symptoms which disabled him for work for 2 weeks and caused him to feel ill

for several weeks afterwards. About 2 months later he developed a sore on his left cheek which was excised. A diagnosis of "cocci" was made from the specimen obtained. A chest X-ray yielded findings consistent with the diagnosis. At no time during 1958 had he been in an endemic area. Four other employees of the laboratory had been ill about the same time. Three of these were interviewed. One had an intermittent fever for 7 weeks after being ill with the "flu." This person developed "red spots" on the anterior half of both legs but attributed this to a penicillin reaction and sought no additional medical care. Both the others had symptoms of cough and fever persisting for about 1 month. Cough, fever, and malaise were common to all the illnesses. None of the persons had visited an endemic area in 1958.

Salmonellosis

The Maine Department of Health and Welfare has supplied 3 reports on unrelated family outbreaks of salmonellosis in which investigation revealed no particular food involved. In one family the husband was ill and the wife was a carrier. Stool examination on both showed *Salmonella infantis*. The husband had eaten steamed clams 4 days before onset. Two days before onset he had washed dishes for a few hours at a hotel. There were no known cases there. It was reported that in the second family there were 2 cases in 8-month-old twins; the mother and a sibling were asymptomatic carriers. Stools from the 4 were positive for *S. montevideo*. Stools from the father were negative. The father drives a truck for a poultry packing company, and his clothes were reported to be often contaminated with chicken offal. Investigation of the third outbreak revealed 3 cases and 3 carriers. Stools were positive for *S. enteritidis*. The cases were 3 children in one family; the carriers were both parents and a child in a family which the cases had visited just before onset. The 3 other members of this last family had 2 negative stools each.

Food poisoning

Dr. J. E. McCroan, Georgia Department of Health, has reported on a food poisoning outbreak affecting 102 persons who became ill 3 to 12 hours after eating in a school lunchroom. The median incubation period for 98 completely reported cases was 4 hours and 35 minutes. The symptoms in order of frequency were nausea, vomiting, cramps, diarrhea, intestinal hemorrhage, and prostration. Temperatures above 99 degrees were observed in 38 persons but none exceeded 101 degrees. Almost pure cultures of enterococci were obtained from stools of 7 very ill individuals, but these bore no serotypic relationship to the few streptococci found in foods. Staphylococci were not found in the cultured foods. Two foods, mackerel salad and coconut pudding, were statistically associated with illness. English peas, cole slaw, milk, butter, and biscuits were unrelated to illness. All the foods were prepared on the morning they were served. The salad and pudding had been mixed by hand, and the samples studied did contain some enterococci. It has not been possible to present a completely conclusive finding despite reculturing of the foods and an exhaustive statistical survey of the population involved. The illness was related to the lunchroom, and factors indicate it probably was streptococcal in origin rather than staphylococcal.

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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 6, 1957, AND JULY 5, 1958

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		27th week		Cumulative first 27 weeks		082		27th week		Cumulative first 27 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	22	14	9	5	359	469	33	49	224	208	8,622	9,197
NEW ENGLAND-----	-	2	-	-	5	19	7	1	7	10	294	497
Maine-----	-	-	-	-	-	3	-	-	-	5	46	156
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	8
Vermont-----	-	1	-	-	-	-	-	-	-	1	10	86
Massachusetts-----	-	-	-	-	4	16	4	-	7	4	136	137
Rhode Island-----	-	-	-	-	-	-	2	-	-	-	40	39
Connecticut-----	-	1	-	-	1	-	1	1	-	-	61	71
MIDDLE ATLANTIC-----	-	-	-	2	32	52	1	6	25	35	1,038	1,378
New York-----	-	-	-	2	15	27	1	6	20	21	692	810
New Jersey-----	-	-	-	-	2	9	-	-	-	3	85	193
Pennsylvania-----	-	-	-	-	15	16	-	-	5	11	261	375
EAST NORTH CENTRAL-----	4	2	2	-	30	34	4	10	36	27	1,495	1,657
Ohio-----	-	-	-	-	6	7	-	1	6	11	452	421
Indiana-----	1	-	2	-	14	9	-	6	12	4	146	240
Illinois-----	-	2	-	-	4	3	3	1	5	5	381	343
Michigan-----	3	-	-	-	5	14	1	1	9	5	434	477
Wisconsin-----	-	-	-	-	1	1	-	1	4	2	82	176
WEST NORTH CENTRAL-----	10	9	4	2	53	39	1	6	17	4	742	559
Minnesota-----	-	2	3	-	16	21	-	-	4	1	89	201
Iowa-----	4	5	-	-	11	4	-	-	1	1	139	133
Missouri-----	-	-	-	-	12	1	-	-	5	1	147	99
North Dakota-----	-	-	2	-	3	3	1	2	7	-	118	71
South Dakota-----	-	-	-	-	3	5	-	-	-	-	8	25
Nebraska-----	2	-	1	-	8	2	-	-	-	1	45	13
Kansas-----	4	2	-	-	-	3	-	4	-	-	196	17
SOUTH ATLANTIC-----	1	-	1	1	92	137	4	5	15	17	599	685
Delaware-----	-	-	-	-	-	-	-	-	-	-	33	5
Maryland-----	-	-	-	-	3	1	1	-	2	-	64	74
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	9	8
Virginia-----	1	-	-	-	14	6	1	2	5	5	144	273
West Virginia-----	-	-	-	-	8	3	-	-	2	1	93	52
North Carolina-----	-	-	-	-	13	18	2	1	1	3	29	56
South Carolina-----	-	-	1	-	11	23	-	-	-	-	35	19
Georgia-----	-	-	-	1	24	29	-	2	1	4	64	77
Florida-----	-	-	-	-	19	57	-	-	4	4	128	121
EAST SOUTH CENTRAL-----	2	-	1	-	28	67	1	1	15	24	733	1,276
Kentucky-----	1	-	1	-	3	12	1	1	6	9	348	564
Tennessee-----	1	-	-	-	5	7	-	-	1	13	198	477
Alabama-----	-	-	-	-	14	28	-	-	6	2	145	150
Mississippi-----	-	-	-	-	6	20	-	-	2	-	42	85
WEST SOUTH CENTRAL-----	3	-	1	-	79	100	6	3	27	13	668	661
Arkansas-----	3	-	-	-	13	8	-	-	4	1	75	53
Louisiana-----	-	-	-	-	7	8	-	-	-	1	6	36
Oklahoma-----	-	-	1	-	21	15	3	2	3	1	103	84
Texas-----	-	-	-	-	38	69	3	1	20	10	484	488
MOUNTAIN-----	-	-	-	-	35	15	-	-	30	15	1,449	814
Montana-----	-	-	-	-	15	3	-	-	4	2	219	112
Idaho-----	-	-	-	-	2	1	-	-	2	5	91	55
Wyoming-----	-	-	-	-	2	1	-	-	-	3	4	38
Colorado-----	-	-	-	-	5	2	-	-	6	1	126	115
New Mexico-----	-	-	-	-	9	7	-	-	5	3	232	291
Arizona-----	-	-	-	-	2	1	-	-	12	1	569	150
Utah-----	-	-	-	-	-	-	-	-	1	-	113	31
Nevada-----	-	-	-	-	-	-	-	-	-	-	95	22
PACIFIC-----	2	1	-	-	5	6	9	17	52	63	1,604	1,670
Washington-----	-	-	-	-	-	-	-	-	2	5	293	225
Oregon-----	-	-	-	-	1	2	-	-	9	12	200	320
California-----	2	1	-	-	4	4	9	17	41	46	1,111	1,125
Alaska-----	-	-	-	-	-	-	-	-	-	2	72	52
Hawaii-----	-	-	-	-	-	-	-	-	7	1	35	25
Puerto Rico-----	-	-	-	-	27	30	-	-	-	1	78	98

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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 8, 1957, AND JULY 5, 1958--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	27th week		Cumulative first 27 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	63	146	688	1,544	30	50	22	80	5	3	10,523	6,504
NEW ENGLAND-----	2	1	12	14	1	-	1	1	-	1	1,118	548
Maine-----	-	-	2	1	-	-	-	-	-	-	90	114
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	41	2
Vermont-----	-	-	-	2	-	-	-	-	-	-	28	55
Massachusetts-----	1	1	4	4	-	-	1	1	-	-	697	293
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	53	7
Connecticut-----	1	-	6	7	1	-	-	-	-	1	209	77
MIDDLE ATLANTIC-----	5	4	34	52	2	-	1	4	-	-	2,298	1,157
New York-----	3	4	24	35	2	-	-	4	-	-	1,334	732
New Jersey-----	1	-	9	6	-	-	1	-	-	-	604	324
Pennsylvania-----	1	-	1	11	-	-	-	-	-	-	360	101
EAST NORTH CENTRAL-----	4	17	50	130	2	1	1	10	-	-	3,685	1,989
Ohio-----	-	2	6	25	-	-	-	1	-	-	1,012	159
Indiana-----	1	2	4	25	-	-	-	2	-	-	169	54
Illinois-----	-	3	12	20	-	-	-	1	-	-	516	185
Michigan-----	1	6	22	43	-	-	1	6	-	-	417	245
Wisconsin-----	2	4	6	17	2	1	-	-	-	-	1,571	1,346
WEST NORTH CENTRAL-----	2	8	30	109	-	1	-	4	-	-	275	241
Minnesota-----	-	-	1	4	-	-	-	-	-	-	14	10
Iowa-----	-	2	9	13	-	-	-	2	-	-	70	143
Missouri-----	1	3	4	33	-	1	-	-	-	-	50	40
North Dakota-----	-	-	2	1	-	-	-	-	-	-	86	34
South Dakota-----	-	-	4	5	-	-	-	-	-	-	-	14
Nebraska-----	1	2	8	34	-	-	-	1	-	-	55	-
Kansas-----	-	1	2	19	-	-	-	1	-	-	(*)	-
SOUTH ATLANTIC-----	14	17	160	209	6	9	7	8	3	-	1,063	379
Delaware-----	-	1	2	2	-	-	-	1	-	-	5	2
Maryland-----	-	-	-	4	-	-	-	-	-	-	48	38
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	7	29
Virginia-----	2	2	13	22	2	1	-	1	3	-	383	85
West Virginia-----	2	-	13	7	2	-	-	-	-	-	122	43
North Carolina-----	1	6	32	33	-	1	1	5	-	-	53	22
South Carolina-----	-	5	5	57	-	4	-	1	-	-	101	55
Georgia-----	1	3	17	30	1	3	-	-	-	-	192	70
Florida-----	8	-	77	54	1	-	6	-	-	-	152	37
EAST SOUTH CENTRAL-----	9	14	67	123	3	3	5	8	-	-	394	298
Kentucky-----	1	-	24	10	1	-	-	-	-	-	133	71
Tennessee-----	2	11	14	48	1	3	-	7	-	-	181	53
Alabama-----	1	1	8	20	1	-	-	-	-	-	74	170
Mississippi-----	5	2	21	45	-	-	5	1	-	-	6	4
WEST SOUTH CENTRAL-----	20	65	175	514	12	30	6	34	-	2	432	435
Arkansas-----	1	3	8	30	1	2	-	1	-	1	13	49
Louisiana-----	4	12	19	84	3	2	1	10	-	-	-	3
Oklahoma-----	3	5	16	30	-	2	1	2	-	1	72	25
Texas-----	12	45	132	370	8	24	4	21	-	-	347	358
MOUNTAIN-----	4	6	47	96	2	1	-	2	-	-	600	367
Montana-----	3	-	8	3	1	-	-	-	-	-	69	51
Idaho-----	-	1	-	4	-	-	-	-	-	-	41	51
Wyoming-----	-	-	2	6	-	-	-	-	-	-	5	7
Colorado-----	-	1	8	16	-	-	-	-	-	-	213	67
New Mexico-----	1	1	14	16	1	-	-	1	-	-	46	63
Arizona-----	-	-	10	25	-	-	-	-	-	-	144	85
Utah-----	-	2	3	23	-	-	-	1	-	-	80	43
Nevada-----	-	1	2	3	-	1	-	-	-	-	2	-
PACIFIC-----	3	14	113	297	2	5	1	9	2	-	658	1,090
Washington-----	-	-	8	2	-	-	-	-	-	-	74	139
Oregon-----	1	1	12	22	1	-	-	1	-	-	42	514
California-----	2	13	93	273	1	5	1	8	2	-	542	437
Alaska-----	-	-	1	2	-	-	-	-	-	-	4	27
Hawaii-----	4	-	27	2	4	-	-	-	-	-	7	31
Puerto Rico-----	-	1	40	6	-	1	-	-	-	-	48	43

¹Includes cases not specified by type, category number 080.3.

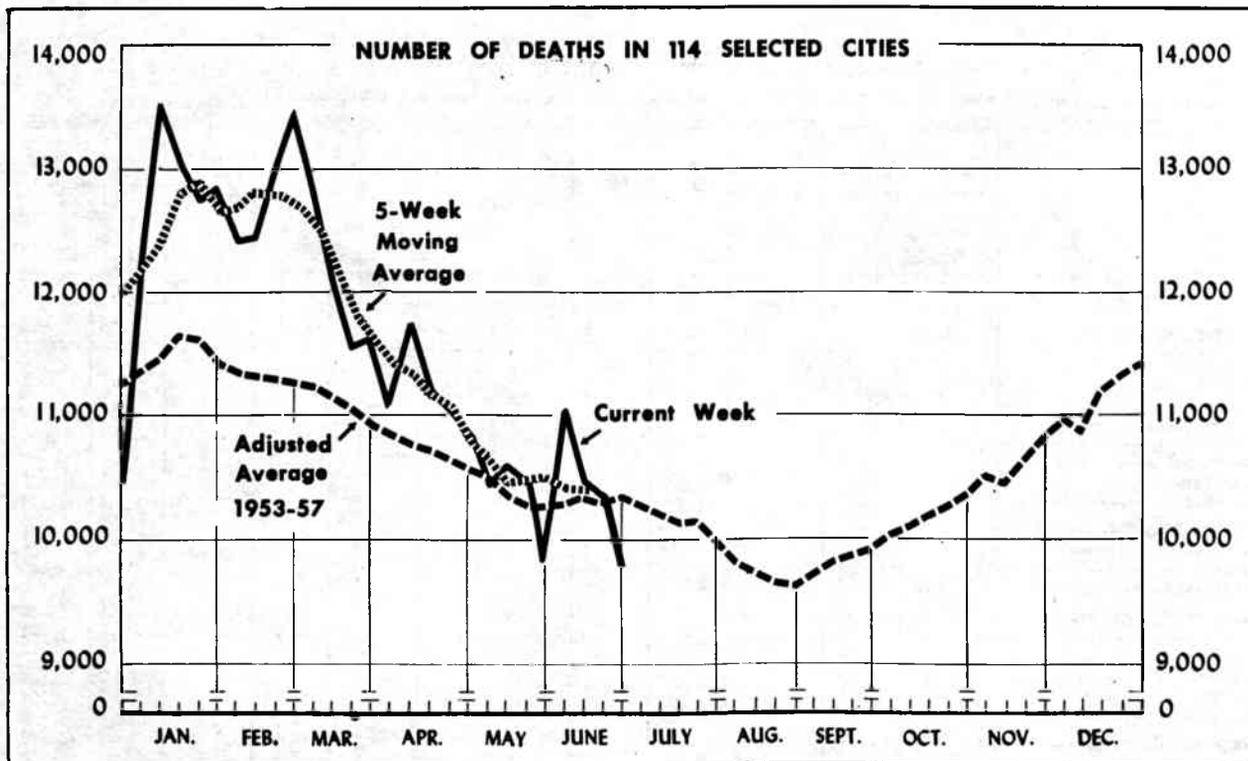
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 6, 1957, AND JULY 5, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		27th week		Cumulative first 27 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	35	33	48	7	11	22	25	425	563	1	100	66
NEW ENGLAND-----	1	1	1	1	-	-	1	8	15	-	-	-
Maine-----	-	-	-	1	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	1	-	-	-	1	4	6	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	1	-	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	3	6	-	1	-	-	2	50	63	-	5	2
New York-----	-	3	-	-	-	-	1	13	22	-	5	2
New Jersey-----	1	2	-	-	-	-	1	10	17	-	-	-
Pennsylvania-----	2	1	-	1	-	-	-	27	24	-	-	-
EAST NORTH CENTRAL-----	10	6	9	1	3	4	1	34	62	-	16	19
Ohio-----	-	3	-	-	-	2	-	13	29	-	7	16
Indiana-----	2	-	2	-	-	-	1	8	13	-	3	3
Illinois-----	7	1	7	-	-	2	-	5	7	-	-	-
Michigan-----	1	2	-	-	-	-	-	4	7	-	-	-
Wisconsin-----	-	-	-	1	3	-	-	4	6	-	6	-
WEST NORTH CENTRAL-----	4	2	-	3	-	3	-	39	38	-	29	9
Minnesota-----	1	-	-	1	-	1	-	3	4	-	17	3
Iowa-----	-	1	-	2	-	-	-	5	8	-	4	1
Missouri-----	3	1	-	-	-	1	-	18	18	-	3	2
North Dakota-----	-	-	-	-	-	-	-	1	1	-	4	2
South Dakota-----	-	-	-	-	-	-	-	4	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	1	1
Kansas-----	-	-	-	-	-	1	-	7	4	-	-	-
SOUTH ATLANTIC-----	8	7	15	-	1	1	5	75	112	1	15	15
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	-
Maryland-----	2	1	3	-	-	-	1	4	3	-	-	-
District of Columbia-----	-	-	3	-	-	-	1	5	7	-	-	-
Virginia-----	2	3	6	-	-	1	-	14	20	-	6	6
West Virginia-----	-	-	1	-	-	-	-	9	16	-	1	3
North Carolina-----	1	1	-	-	-	-	-	11	11	-	-	-
South Carolina-----	-	1	1	-	1	-	1	6	6	-	5	4
Georgia-----	-	1	1	-	-	-	2	14	19	1	3	1
Florida-----	3	-	-	-	-	-	-	12	29	-	-	1
EAST SOUTH CENTRAL-----	3	7	7	-	1	2	5	47	94	-	20	10
Kentucky-----	1	1	-	-	-	-	1	11	24	-	9	6
Tennessee-----	-	1	5	-	1	-	3	11	43	-	4	2
Alabama-----	2	5	-	-	-	1	-	10	8	-	7	2
Mississippi-----	-	-	2	-	-	1	1	15	19	-	-	-
WEST SOUTH CENTRAL-----	4	3	14	-	1	4	11	109	120	-	11	9
Arkansas-----	-	-	1	-	-	-	2	7	24	-	2	1
Louisiana-----	1	-	-	-	-	-	3	54	18	-	-	2
Oklahoma-----	3	1	7	-	-	-	1	6	15	-	-	-
Texas-----	-	2	6	-	1	4	5	42	63	-	9	6
MOUNTAIN-----	-	1	2	-	3	8	-	27	25	-	1	1
Montana-----	-	-	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	3	-	-	5	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	2	-	-	1
Colorado-----	-	1	2	-	-	-	3	3	7	-	-	-
New Mexico-----	-	-	-	-	-	-	-	9	8	-	1	-
Arizona-----	-	-	-	-	-	-	-	2	5	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	5	-	5	-	-	-	-
PACIFIC-----	2	-	-	1	2	-	-	36	34	-	3	1
Washington-----	-	-	-	-	-	-	-	-	1	-	-	-
Oregon-----	-	-	-	1	-	-	-	7	3	-	-	-
California-----	2	-	-	-	2	-	-	29	30	-	3	1
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	3	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	12	12	-	-	-

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease not notifiable.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified 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 and because of incomplete reporting due to holidays or vacations. 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 for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the 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 DIVISIONS

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

AREA	27th week ended July 5, 1958	26th week ended June 28, 1958	Adjusted average, 27th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 27 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	9,794	10,418	10,262	-4.6	¹ 313,173	296,275	+5.7
New England----- (14 cities)	² 639	656	653	-2.1	² 19,786	19,385	+2.1
Middle Atlantic----- (20 cities)	² 3,027	2,978	2,986	+1.4	² 90,947	86,387	+5.3
East North Central----- (19 cities)	² 2,065	2,268	2,227	-7.3	¹ 266,706	63,556	+5.0
West North Central----- (9 cities)	681	663	754	-9.7	22,156	20,807	+6.5
South Atlantic----- (11 cities)	878	838	842	+4.3	27,472	24,989	+9.9
East South Central----- (8 cities)	378	500	460	-17.8	14,701	13,146	+11.8
West South Central----- (13 cities)	809	887	826	-2.0	26,380	24,567	+7.4
Mountain----- (8 cities)	264	284	239	+10.5	8,174	7,323	+11.6
Pacific----- (12 cities)	² 1,053	1,344	1,203	-12.5	² 36,851	36,115	+2.0

¹Revised.

²Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	27th week ended July 5, 1958	26th week ended June 28, 1958	CUMULATIVE NUMBER FIRST 27 WEEKS		AREA	27th week ended July 5, 1958	26th week ended June 28, 1958	CUMULATIVE NUMBER FIRST 27 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	250	222	6,860	6,572	St. Louis, Mo.-----	182	199	6,928	6,405
Bridgeport, Conn.-----	21	23	1,060	1,025	St. Paul, Minn.-----	69	79	2,089	1,832
Cambridge, Mass.-----	27	32	804	845	Wichita, Kans.-----	37	38	1,240	1,213
Fall River, Mass.-----	24	16	765	750	SOUTH ATLANTIC:				
Hartford, Conn.-----	55	50	1,435	1,363	Atlanta, Ga.-----	89	113	3,112	2,977
Lowell, Mass.-----	17	44	751	754	Baltimore, Md.-----	249	204	7,043	6,604
Lynn, Mass.-----	22	27	2,594	581	Charlotte, N. C.-----	30	43	1,004	886
New Bedford, Mass.-----	20	22	672	704	Jacksonville, Fla.-----	69	42	1,689	1,473
New Haven, Conn.-----	30	41	1,285	1,277	Miami, Fla.-----	49	49	2,047	1,337
Providence, R. I.-----	59	58	1,773	1,719	Norfolk, Va.-----	22	27	1,006	1,003
Somerville, Mass.-----	14	23	397	382	Richmond, Va.-----	72	65	2,107	2,074
Springfield, Mass.-----	38	32	2,160	1,195	Savannah, Ga.-----	17	41	924	803
Waterbury, Conn.-----	25	13	743	680	St. Petersburg, Fla.-----	---	(54)	---	---
Worcester, Mass.-----	37	53	1,487	1,538	Tampa, Fla.-----	68	62	1,993	1,738
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	33	44	1,383	1,381	Birmingham, Ala.-----	71	75	2,489	2,115
Allentown, Pa.-----	29	38	924	1,033	Chattanooga, Tenn.-----	31	52	1,365	1,271
Buffalo, N. Y.-----	114	119	4,233	3,955	Knoxville, Tenn.-----	17	26	783	790
Camden, N. J.-----	34	37	1,212	1,103	Louisville, Ky.-----	79	116	3,115	2,856
Elizabeth, N. J.-----	23	25	837	790	Memphis, Tenn.-----	73	120	3,225	2,883
Erie, Pa.-----	36	36	988	974	Mobile, Ala.-----	40	28	1,121	993
Jersey City, N. J.-----	52	80	2,020	1,876	Montgomery, Ala.-----	27	28	961	601
Newark, N. J.-----	87	72	2,712	2,881	Nashville, Tenn.-----	40	55	1,642	1,637
New York City, N. Y.-----	1,607	1,487	46,149	43,550	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	27	51	1,186	1,094	Austin, Tex.-----	30	42	908	808
Philadelphia, Pa.-----	453	495	14,178	13,345	Baton Rouge, La.-----	19	25	794	699
Pittsburgh, Pa.-----	200	157	5,415	4,914	Corpus Christi, Tex.-----	18	20	583	559
Reading, Pa.-----	23	16	581	647	Dallas, Tex.-----	89	93	3,197	2,980
Rochester, N. Y.-----	96	93	2,827	2,615	El Paso, Tex.-----	35	30	1,025	817
Schenectady, N. Y.-----	27	23	642	628	Fort Worth, Tex.-----	53	48	1,673	1,678
Scranton, Pa.-----	31	36	980	1,043	Houston, Tex.-----	136	161	4,402	4,061
Syracuse, N. Y.-----	70	51	1,717	1,597	Little Rock, Ark.-----	39	53	1,509	1,469
Trenton, N. J.-----	39	50	1,358	1,228	New Orleans, La.-----	143	168	4,988	4,583
Utica, N. Y.-----	23	33	741	898	Oklahoma City, Okla.-----	66	52	1,893	1,701
Yonkers, N. Y.-----	23	35	864	835	San Antonio, Tex.-----	67	89	2,660	2,567
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	55	62	1,614	1,446	Albuquerque, N. Mex.-----	28	33	787	698
Canton, Ohio-----	18	41	855	847	Colorado Springs, Colo.-----	11	22	397	367
Chicago, Ill.-----	691	722	21,360	20,494	Denver, Colo.-----	107	105	3,157	3,025
Cincinnati, Ohio-----	116	129	4,537	4,119	Ogden, Utah-----	11	9	396	318
Cleveland, Ohio-----	174	188	5,861	5,680	Phoenix, Ariz.-----	30	32	1,233	799
Columbus, Ohio-----	91	96	3,115	3,061	Pueblo, Colo.-----	9	11	340	344
Dayton, Ohio-----	58	68	2,055	1,966	Salt Lake City, Utah-----	44	54	1,290	1,189
Detroit, Mich.-----	322	314	8,962	8,838	Tucson, Ariz.-----	24	18	574	583
Evansville, Ind.-----	26	33	1,111	865	PACIFIC:				
Flint, Mich.-----	30	50	1,066	1,016	Berkeley, Calif.-----	11	13	545	530
Fort Wayne, Ind.-----	24	25	975	977	Fresno, Calif.-----	(41)	(41)	(1,023)	---
Gary, Ind.-----	26	33	915	800	Glendale, Calif.-----	(27)	(31)	(934)	---
Grand Rapids, Mich.-----	41	56	1,180	1,113	Long Beach, Calif.-----	30	60	1,516	1,484
Indianapolis, Ind.-----	130	118	3,472	3,174	Los Angeles, Calif.-----	356	535	13,535	13,081
Madison, Wis.-----	(32)	(28)	(876)	(863)	Oakland, Calif.-----	82	72	2,570	2,636
Milwaukee, Wis.-----	98	145	3,749	3,554	Pasadena, Calif.-----	28	35	955	967
Peoria, Ill.-----	26	28	896	818	Portland, Ore.-----	101	88	2,786	2,600
Rockford, Ill.-----	(14)	(28)	(727)	(691)	Sacramento, Calif.-----	45	41	1,423	1,432
South Bend, Ind.-----	24	20	752	677	San Diego, Calif.-----	60	86	2,297	2,187
Toledo, Ohio-----	77	86	2,761	2,586	San Francisco, Calif.-----	144	185	5,241	5,269
Youngstown, Ohio-----	40	54	1,470	1,525	San Jose, Calif.-----	(16)	(27)	(620)	---
WEST NORTH CENTRAL:					SEATTLE, WASH.-----				
Des Moines, Iowa-----	60	52	1,553	1,434	Seattle, Wash.-----	124	142	3,684	3,569
Duluth, Minn.-----	26	29	694	703	Spokane, Wash.-----	36	47	1,246	1,273
Kansas City, Kans.-----	23	14	741	809	Tacoma, Wash.-----	136	40	2,053	1,087
Kansas City, Mo.-----	134	87	3,470	3,217	HONOLULU, HAWAII-----				
Lincoln, Nebr.-----	(27)	(21)	---	---	(35)	(32)	(1,010)	(1,052)	
Minneapolis, Minn.-----	101	109	3,508	3,537					
Omaha, Nebr.-----	49	56	1,923	1,837					

¹Estimated.

²Includes estimate for the current week.

³Revised.

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

Morbidity and Mortality Weekly Report

QUARANTINE MEASURES

Immunization Information for International Travel Public Health Service Publication No. 384

Changes Reported

Asia.—Iraq (Supplement, p. 14). Cholera quarantine for 5 days is required of all persons arriving by air (except in transit) who have come from India or Pakistan, were in transit in either country for more than 6 hours, or coming from adjacent countries were in India or Pakistan within 5 days of arrival in Iraq. Smallpox and yellow fever information remains the same.

Asia.—Persian Gulf: (Residency) Bahrein (Supplement, p. 15). Cholera vaccination is required of all arrivals 1 year of age and over from infected areas.

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 of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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