

# Morbidity and Mortality

COMMUNICABLE DISEASE CENTER

Weekly Report

PUBLIC HEALTH SERVICE

50 SEVENTH STREET, N. E.

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

ATLANTA 23, GEORGIA

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 26, 1958

The number of cases of poliomyelitis reported for the week ended July 26 is 143 as compared with 265 for the corresponding week in 1957, and 654 in 1956. The number of paralytic cases reported increased from 52 for the previous week to 72. The numbers for the same weeks in 1957 and 1956 were 52 and 287 respectively, and for the second consecutive week the number of cases with paralysis was in excess of the number for the same week in 1957. About one-fourth of the States have reported more paralytic cases so far this year than during the same period last year. The proportion of total cases reported as paralytic remains higher than last year. In all but 3 of the 17 weeks since the beginning of the disease year, about April 1, paralytic cases have exceeded the number reported as non-paralytic.

Ten cases of poliomyelitis were reported in New Jersey for the week ended July 26, 5 of which were paralytic. Five of the 10 cases were in Hudson County and the remainder oc-

curred in 4 different counties. Some increase in incidence was also reported in Virginia, half of the cases paralytic. There has been a concentration of cases in Wise County located in the southwestern part of the State. Cases have also been reported in 2 contiguous counties. So far the increase in this area is described as "increased incidence." The only localization of cases has been the occurrence of 3 cases in a village of about 300 population. No cases have occurred in persons who had had 3 or more doses of vaccine. Montana reported 4 cases for the current week, 3 of which were paralytic. Ten of 12 cases that have been reported among Indians in Montana have been paralytic and concentrated in children under 5 years of age. Florida and Texas continue to report relatively large numbers of cases. Hawaii reported 3 additional cases of paralytic poliomyelitis which brings the total for the year to 41 as compared with 2 for the same period of 1957.

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	30th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 26, 1958	Ended July 27, 1957	Median 1953-57	First 30 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	1	-	-	9	13	19	(2)	(2)	(2)	(2)
Botulism-----049.1	9	-	-	4	1	5	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	21	15	32	470	580	748	(2)	(2)	(2)	(2)
Diphtheria-----055	1	19	25	385	533	897	35	69	71	July 1
Encephalitis, infectious-----082	60	39	39	949	862	862	340	302	290	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	228	226	467	9,322	9,840	19,473	13,127	15,039	25,546	Sept. 1
Malaria-----110-117		9	30	37	65	226	(2)	(2)	(2)	(2)
Measles-----085	5,565	3,093	3,534	4697,194	440,889	517,620	4730,097	478,098	564,495	Sept. 1
Meningococcal infections-----057	43	34	41	1,576	1,525	2,368	2,533	2,256	3,390	Sept. 1
Meningitis, other-----340	146	104	---	51,551	1,176	---	---	---	---	---
Poliomyelitis-----080	143	265	810	1,056	2,244	5,638	837	1,718	4,487	Apr. 1
Paralytic-----080.0,080.1	72	52	---	511	832	---	390	558	---	Apr. 1
Nonparalytic-----080.2	48	164	---	365	1,095	---	298	932	---	Apr. 1
Unspecified-----080.3	23	49	---	180	317	---	149	228	---	Apr. 1
Psittacosis-----096.2	5	4	5	86	168	173	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	3	3	(2)	(2)	(2)	(2)
Typhoid fever-----040	26	37	52	498	684	1,010	321	427	666	Apr. 1
Typhus fever, endemic-----101	2	1	3	42	67	73	30	42	57	Apr. 1
Rabies in animals-----	110	63	96	2,895	2,818	3,374	3,710	3,782	4,739	Oct. 1

<sup>1</sup>Reported in Arkansas. <sup>2</sup>Data show no pronounced seasonal change in incidence. <sup>3</sup>Reported in Kentucky. <sup>4</sup>Includes revised report from New Mexico for week ended July 12. <sup>5</sup>Includes 88 cases of aseptic meningitis: 7 were reported in the District of Columbia, 80 in Florida, and 1 in Wisconsin.

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

## EPIDEMIOLOGICAL REPORTS

Influenza

During March 1958 a recurrence of an influenza-like illness was reported in Hong Kong, almost a year after the initial appearance of the Asian strain of type A influenza. The Regional Office of the World Health Organization assisted in obtaining 9 specimens of throat washings which were examined at the International Influenza Center for the Americas in Montgomery, Alabama. Dr. R. Q. Robinson reports that 2 isolations of influenza virus were made from this material. Both are reported to be similar to the A/Asian/Japan/305/57 prototype strain, and no cross reaction was found with either strain, using the hemagglutination-inhibition test with a specific antisera prepared in ferrets and chickens against A/Denver/1/57, A/FM1/47, A/PR8/34, A/Swine/1976/31, and B/Great Lakes/1739/54. The 2 strains did differ in their sensitivities to nonspecific inhibitors in that one was sensitive, while the other was insensitive. This difference in sensitivity to nonspecific inhibitor has been a common observation made at the laboratory while studying several hundred Asian influenza strains isolated during the 1957 pandemic.

Diphtheria

Dr. D. S. Fleming, Minnesota State Department of Health, has supplied information on an outbreak of diphtheria in a State institution. Sixteen cases have occurred since early June in this school and hospital of about 1,500 patients. Investigation of a case of diphtheria in a 52-year-old woman, onset June 12, revealed she had arrived in Minnesota from California on June 1 and visited relatives and friends. On June 4, 7, and 12, she visited a 14-year-old son at the State institution. The son had a questionable sore throat on June 7, and nose and throat cultures showed virulent organisms present. Six cases, including 2 in employees, have occurred among the 100 patients in the boy's cottage; and 1 asymptomatic carrier was also found in this group. Three other cottages contained 8 more cases and another carrier.

Of the 16 cases in the institution, 9 were females and 7 males. Their ages ranged from 4 years to 64 years with 4 persons being under 10 years of age and 4 between 10 and 14 years. The ages of the others ranged to 64 years. The 2 carriers found in the institution were a 12-year-old girl and a 15-year-old boy. Four of the cases were considered fully vaccinated. Immunization status of the others was reported as inadequate, none, or unknown. All of the cases have been mild and no complications noted. Several have recovered with no specified treatment. No other cases have occurred among contacts of the key case but her 7-year-old grandson, fully vaccinated, was found to be a transient carrier.

Typhoid fever

Dr. Mason Romaine, Virginia State Health Department, has reported a case of typhoid fever in a 12-year-old white male at a camp. The boy left his home in Havana, Cuba, by air on

July 7 to attend the camp. He had been ill with a tentative diagnosis of typhoid fever before leaving Havana, but after treatment he was thought well enough to go to camp. The onset of his illness in camp was July 16. A possible source of his infection is thought to be a maid in his home who had had the disease but it is not known when. Some of the boy's schoolmates had typhoid fever but this is thought a doubtful source of infection since the boys took their own lunches to school and there was no common eating place.

Salmonellosis

Dr. R. F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of salmonella gastro-enteritis at a catered wedding reception. Twenty-four cases have been reported among about 170 guests. Nausea, vomiting, diarrhea, fever, headache, dizziness, and abdominal cramps began approximately 15 hours after the reception. Specimens from a number of guests and several food handlers yielded Salmonella heidelberg. None of the 3 persons who prepared the food reported any illness prior to or after the dinner, but all 3 were found to have S. heidelberg. The menu consisted of fruit cocktail, salad, rolls and butter, turkey with dressing and gravy, mashed potatoes, peas, ice cream, cake, cookies, and coffee. No food was available for examination but it appeared that either the turkey or dressing, or both, was the vehicle of infection. These were cooked at the home and also on the premises of the caterer. It was reported that the caterer's establishment was badly in need of thorough housecleaning.

Staphylococcal food poisoning

Information has been received from the California State Department of Public Health of an outbreak of staphylococcal food poisoning among 41 of 57 persons who ate a church luncheon. Symptoms of nausea, vomiting followed by diarrhea, cramps, chills, numbness of lip, difficulty in walking, and headache began from 1 to 6 hours after eating the meal and lasted from 6 to 8 hours. The suspect vehicle was Spanish rice and on laboratory examination of this food many golden-pigmented, hemolytic, coagulase-positive, gram-positive cocci were found. The day before the luncheon 9 pounds of dry rice were cooked in small batches. When cooked these batches were poured into a large cooking pot. A sauce of ground beef, dry onion, green pepper, celery, and canned tomato sauce was simmered about 2 hours and added to the cooked rice. The sauce and rice were well stirred with a wooden spoon in the large pot and then placed in two electric roasters and left, uncovered, on the back porch, overnight. The next day it was covered and warmed at the church for the noon serving. There was no history of previous illness among the food handlers.

## QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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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 27, 1957, AND JULY 26, 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, W998.5 pt.			
	044		30th week		Cumulative first 30 weeks		082		30th week		Cumulative first 30 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	21	15	1	19	385	533	60	39	228	226	9,322	9,840
NEW ENGLAND-----	-	-	-	-	5	19	-	4	8	8	316	523
Maine-----	-	-	-	-	-	3	-	-	-	4	46	168
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	8
Vermont-----	-	-	-	-	-	-	-	1	-	-	12	86
Massachusetts-----	-	-	-	-	4	16	-	-	3	1	148	142
Rhode Island-----	-	-	-	-	-	-	-	3	1	2	42	43
Connecticut-----	-	-	-	-	1	-	-	1	3	1	67	76
MIDDLE ATLANTIC-----	-	-	-	-	32	55	5	3	32	39	1,138	1,488
New York-----	-	-	-	-	15	29	5	3	25	22	769	885
New Jersey-----	-	-	-	-	2	9	-	-	1	2	89	200
Pennsylvania-----	-	-	-	-	15	17	-	-	6	15	280	403
EAST NORTH CENTRAL-----	9	5	-	1	31	37	7	5	28	18	1,621	1,734
Ohio-----	-	-	-	-	6	8	3	1	11	5	528	441
Indiana-----	2	1	-	-	15	9	-	1	-	2	152	246
Illinois-----	6	2	-	-	4	3	2	-	3	-	400	364
Michigan-----	1	2	-	-	5	15	1	2	8	11	452	498
Wisconsin-----	-	-	-	1	1	2	1	1	6	-	89	185
WEST NORTH CENTRAL-----	8	5	-	4	66	47	-	3	19	8	791	580
Minnesota-----	1	-	-	-	26	21	-	-	4	4	99	207
Iowa-----	1	3	-	-	13	6	-	-	-	1	143	137
Missouri-----	-	-	-	-	12	1	-	1	4	2	158	103
North Dakota-----	3	-	-	-	3	3	-	2	1	-	121	73
South Dakota-----	-	1	-	-	4	6	-	-	-	-	9	26
Nebraska-----	3	-	-	4	8	6	-	-	6	-	54	14
Kansas-----	-	1	-	-	-	4	-	-	4	1	207	20
SOUTH ATLANTIC-----	-	1	-	7	97	151	5	4	18	24	660	736
Delaware-----	-	-	-	-	-	-	-	-	-	-	33	6
Maryland-----	-	-	-	-	3	1	1	-	3	1	73	80
District of Columbia-----	-	-	-	-	-	-	1	-	1	-	10	9
Virginia-----	-	-	-	3	14	10	1	-	5	4	163	286
West Virginia-----	-	-	-	-	9	4	-	-	-	8	97	60
North Carolina-----	-	1	-	3	13	22	-	2	1	2	33	59
South Carolina-----	-	-	-	-	11	23	1	-	-	1	36	21
Georgia-----	-	-	-	-	25	33	1	2	5	4	72	83
Florida-----	-	-	-	1	22	58	-	-	3	4	143	132
EAST SOUTH CENTRAL-----	1	1	1	1	33	69	2	1	22	34	796	1,373
Kentucky-----	1	-	-	-	3	12	-	-	11	9	376	588
Tennessee-----	-	1	-	-	6	7	-	-	4	14	209	520
Alabama-----	-	-	-	-	15	29	1	1	3	6	160	167
Mississippi-----	-	-	1	1	9	21	1	-	4	5	51	98
WEST SOUTH CENTRAL-----	3	2	-	4	81	111	11	10	14	19	726	722
Arkansas-----	2	1	-	1	13	9	5	-	-	-	76	56
Louisiana-----	-	-	-	-	7	9	-	-	-	-	7	40
Oklahoma-----	1	1	-	-	22	16	6	1	3	-	109	89
Texas-----	-	-	-	3	39	77	-	9	11	19	534	537
MOUNTAIN-----	-	-	-	-	35	19	-	2	33	34	1,527	879
Montana-----	-	-	-	-	15	4	-	-	5	2	235	116
Idaho-----	-	-	-	-	2	1	-	-	-	1	93	58
Wyoming-----	-	-	-	-	2	1	-	1	-	6	4	44
Colorado-----	-	-	-	-	5	2	-	-	9	12	138	136
New Mexico-----	-	-	-	-	9	7	-	-	5	7	241	308
Arizona-----	-	-	-	-	2	3	-	1	13	5	599	161
Utah-----	-	-	-	-	-	1	-	-	1	1	121	34
Nevada-----	-	-	-	-	-	-	-	-	-	-	96	22
PACIFIC-----	-	1	-	2	5	25	30	7	54	42	1,747	1,805
Washington-----	-	-	-	2	-	19	-	-	6	7	305	239
Oregon-----	-	-	-	-	1	2	-	-	7	11	223	341
California-----	-	1	-	-	4	4	30	7	41	24	1,219	1,225
Alaska-----	-	-	-	-	-	-	-	-	-	1	73	55
Hawaii-----	-	-	-	-	-	-	-	-	4	-	42	27
Puerto Rico-----	-	-	-	-	27	31	-	-	10	12	92	114

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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 27, 1957, AND JULY 26, 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 <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	30th week		Cumulative first 30 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-----	143	265	1,056	2,244	72	52	48	164	-	9	5,565	3,093
NEW ENGLAND-----	1	4	16	26	1	1	-	3	-	-	449	227
Maine-----	-	-	2	2	-	-	-	-	-	-	76	47
New Hampshire-----	-	1	-	1	-	-	-	1	-	-	6	12
Vermont-----	-	-	1	2	-	-	-	-	-	-	5	4
Massachusetts-----	-	2	4	8	-	1	-	1	-	-	202	102
Rhode Island-----	1	-	1	-	1	-	-	-	-	-	25	2
Connecticut-----	-	1	8	13	-	-	-	1	-	-	135	60
MIDDLE ATLANTIC-----	20	14	67	81	13	3	4	5	-	2	1,290	539
New York-----	6	8	36	54	4	2	2	5	-	-	672	389
New Jersey-----	10	6	26	13	5	1	2	-	-	2	270	92
Pennsylvania-----	4	-	5	14	4	-	-	-	-	-	348	58
EAST NORTH CENTRAL-----	22	49	93	256	8	5	2	23	-	1	1,295	728
Ohio-----	8	10	20	53	2	1	-	2	-	-	305	68
Indiana-----	6	5	10	34	1	1	1	3	-	-	71	23
Illinois-----	3	14	21	54	1	1	1	3	-	-	208	117
Michigan-----	4	12	32	68	4	1	-	10	-	-	126	70
Wisconsin-----	1	8	10	47	1	1	-	5	-	1	585	450
WEST NORTH CENTRAL-----	2	27	43	159	-	4	1	15	-	-	324	149
Minnesota-----	-	8	3	14	-	-	-	8	-	-	2	7
Iowa-----	-	2	9	19	-	-	-	1	-	-	234	64
Missouri-----	-	8	6	49	-	1	-	4	-	-	48	50
North Dakota-----	-	-	2	1	-	-	-	-	-	-	31	22
South Dakota-----	-	1	5	6	-	-	-	-	-	-	-	2
Nebraska-----	1	6	10	45	-	3	1	2	-	-	9	4
Kansas-----	1	2	8	25	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	35	51	270	330	15	14	16	33	-	2	454	254
Delaware-----	1	-	3	2	1	-	-	-	-	-	2	1
Maryland-----	-	1	-	5	-	1	-	-	-	-	90	29
District of Columbia-----	1	1	5	1	1	1	-	-	-	-	9	8
Virginia-----	8	2	26	33	4	1	4	1	-	-	175	85
West Virginia-----	6	-	27	10	4	-	2	-	-	-	15	9
North Carolina-----	4	31	40	88	2	2	2	28	-	-	14	7
South Carolina-----	4	9	10	78	1	6	2	2	-	-	27	30
Georgia-----	1	-	18	36	1	-	-	-	-	1	75	13
Florida-----	10	7	141	77	1	3	6	2	-	1	47	72
EAST SOUTH CENTRAL-----	5	21	88	185	-	4	4	13	-	-	319	146
Kentucky-----	1	6	26	29	-	3	1	3	-	-	82	46
Tennessee-----	-	3	22	65	-	1	-	2	-	-	217	34
Alabama-----	-	2	6	24	-	-	-	-	-	-	10	65
Mississippi-----	4	10	34	67	-	-	3	8	-	-	10	1
WEST SOUTH CENTRAL-----	39	58	263	680	21	12	18	44	-	1	442	302
Arkansas-----	2	5	12	42	1	3	1	2	-	1	11	3
Louisiana-----	5	6	27	101	3	-	2	6	-	-	4	1
Oklahoma-----	4	9	24	58	1	2	3	5	-	-	33	30
Texas-----	28	38	200	479	16	7	12	31	-	-	394	268
MOUNTAIN-----	8	10	75	121	5	2	1	4	-	-	516	257
Montana-----	4	-	27	4	3	-	-	-	-	-	142	31
Idaho-----	1	3	3	9	-	-	-	2	-	-	21	39
Wyoming-----	-	1	2	7	-	1	-	-	-	-	1	9
Colorado-----	1	1	10	17	1	-	-	1	-	-	162	40
New Mexico-----	-	1	16	24	-	-	-	-	-	-	39	55
Arizona-----	-	2	10	31	-	1	-	1	-	-	97	62
Utah-----	2	2	5	25	1	-	1	-	-	-	51	20
Nevada-----	-	-	2	4	-	-	-	-	-	-	3	1
PACIFIC-----	11	31	141	406	9	7	2	24	-	3	476	491
Washington-----	2	1	10	3	2	1	-	-	-	-	39	83
Oregon-----	-	2	13	30	-	-	-	2	-	-	77	138
California-----	9	28	118	373	7	6	2	22	-	3	360	270
Alaska-----	-	-	1	2	-	-	-	-	-	-	29	9
Hawaii-----	3	-	41	2	3	-	-	-	-	-	8	10
Puerto Rico-----	1	-	44	8	1	-	-	-	-	-	55	19

<sup>1</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 27, 1957, AND JULY 26, 1958—Continued**

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

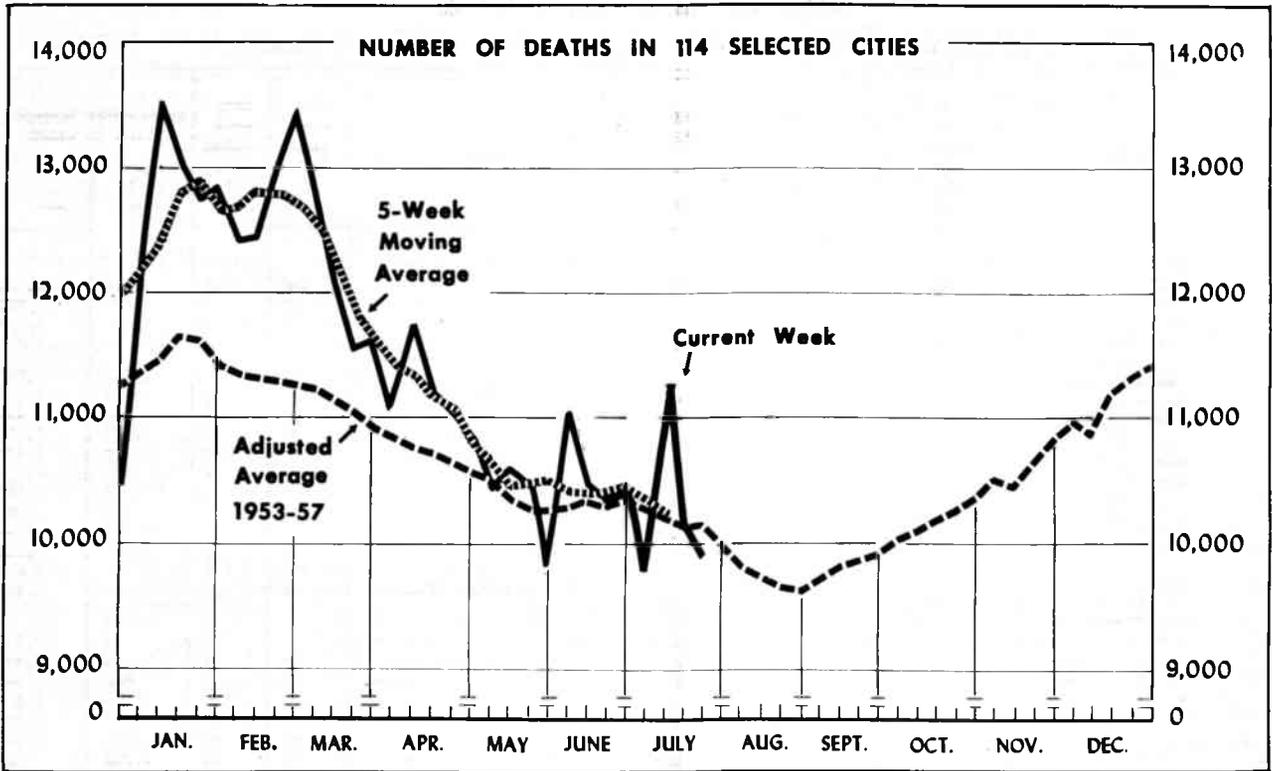
AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		30th week		Cumulative first 30 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	43	34	146	5	4	26	37	498	684	2	110	63
NEW ENGLAND-----	2	-	1	-	1	-	-	9	17	-	-	-
Maine-----	1	-	-	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	-	1	-	-	-	-	5	7	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	-	-	-	-	1	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	3	7	-	-	-	4	4	57	72	-	18	10
New York-----	2	5	-	-	-	3	2	17	27	-	18	10
New Jersey-----	1	1	-	-	-	-	-	11	17	-	-	-
Pennsylvania-----	-	1	-	-	-	1	2	29	28	-	-	-
EAST NORTH CENTRAL-----	14	4	12	1	2	2	2	40	75	-	18	2
Ohio-----	3	1	-	-	1	-	1	14	35	-	6	-
Indiana-----	1	-	2	-	-	-	-	7	14	-	5	-
Illinois-----	7	2	7	-	-	2	1	8	11	-	-	-
Michigan-----	1	-	2	-	-	-	-	6	9	-	-	2
Wisconsin-----	2	1	1	1	1	-	-	5	6	-	7	-
WEST NORTH CENTRAL-----	6	-	1	2	-	2	2	45	47	-	19	14
Minnesota-----	-	-	-	2	-	-	-	3	4	-	15	8
Iowa-----	-	-	-	-	-	1	1	7	10	-	2	-
Missouri-----	-	-	-	-	-	1	-	21	24	-	2	4
North Dakota-----	4	-	-	-	-	-	-	1	1	-	-	-
South Dakota-----	-	-	-	-	-	-	1	5	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	2
Kansas-----	2	-	1	-	-	-	-	7	4	-	-	-
SOUTH ATLANTIC-----	8	5	103	-	1	3	9	87	146	-	22	19
Delaware-----	-	-	-	-	-	-	-	3	1	-	-	-
Maryland-----	-	1	-	-	-	-	-	4	3	-	-	-
District of Columbia-----	-	-	17	-	-	-	-	6	7	-	-	-
Virginia-----	3	-	2	-	-	1	2	15	25	-	4	13
West Virginia-----	1	-	-	-	-	1	4	11	34	-	-	-
North Carolina-----	-	2	1	-	1	-	-	11	11	-	13	1
South Carolina-----	-	-	-	-	-	-	-	6	11	-	1	4
Georgia-----	3	2	11	-	-	1	-	18	20	-	4	-
Florida-----	1	-	82	-	-	-	3	13	34	-	-	1
EAST SOUTH CENTRAL-----	2	10	11	-	-	3	11	57	117	-	14	9
Kentucky-----	1	1	5	-	-	2	3	15	34	-	7	7
Tennessee-----	-	2	4	-	-	-	2	14	50	-	-	2
Alabama-----	-	7	-	-	-	1	1	12	9	-	7	-
Mississippi-----	1	-	2	-	-	-	5	16	24	-	-	-
WEST SOUTH CENTRAL-----	1	3	8	-	-	8	7	128	142	2	11	3
Arkansas-----	-	-	1	-	-	5	2	15	26	-	1	-
Louisiana-----	1	2	-	-	-	2	-	56	28	-	-	2
Oklahoma-----	-	-	2	-	-	-	1	6	16	-	-	-
Texas-----	-	1	5	-	-	1	4	51	72	2	10	1
MOUNTAIN-----	2	-	5	-	-	4	-	38	28	-	2	-
Montana-----	-	-	1	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	5	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	2	-	-	-
Colorado-----	1	-	3	-	-	1	-	4	7	-	-	-
New Mexico-----	-	-	1	-	-	-	-	13	10	-	1	-
Arizona-----	1	-	-	-	-	1	-	6	5	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	2	-	7	-	-	-	-
PACIFIC-----	5	5	5	2	-	-	2	37	40	-	6	6
Washington-----	1	2	4	-	-	-	-	-	2	-	-	-
Oregon-----	-	1	1	1	-	-	1	7	4	-	-	-
California-----	4	3	-	1	-	-	1	30	34	-	6	6
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	3	-	-	-
Puerto Rico-----	-	-	3	-	-	-	-	14	13	-	-	-

<sup>1</sup>Aseptic meningitis.

<sup>2</sup>Includes 80 cases of aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available; asterisk [\*]: disease not notifiable.

## Morbidity and Mortality Weekly Report



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	30th week ended July 26, 1958	29th week ended July 19, 1958	Adjusted average, 30th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 30 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	19,824	10,153	10,127	-3.0	1344,440	328,589	+4.8
New England----- (14 cities)	1,622	661	624	-0.3	121,823	21,339	+2.3
Middle Atlantic----- (20 cities)	1,285	2,955	2,911	-0.9	199,971	95,683	+4.5
East North Central----- (19 cities)	1,017	2,165	2,168	-7.0	173,336	70,579	+3.9
West North Central----- (9 cities)	629	682	755	-16.7	24,292	23,291	+4.3
South Atlantic----- (11 cities)	851	819	858	-0.8	30,088	27,712	+8.6
East South Central----- (8 cities)	463	484	473	-2.1	16,129	14,537	+11.0
West South Central----- (13 cities)	1,869	856	828	+5.0	129,076	27,506	+5.7
Mountain----- (8 cities)	295	285	241	+22.4	9,110	8,116	+12.2
Pacific----- (12 cities)	1,193	1,246	1,195	-0.2	40,615	39,826	+2.0

<sup>1</sup>Includes 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	30th week ended July 26, 1958	29th week ended July 19, 1958	CUMULATIVE NUMBER FIRST 30 WEEKS		AREA	30th week ended July 26, 1958	29th week ended July 19, 1958	CUMULATIVE NUMBER FIRST 30 WEEKS	
			1958	1957				1958	1957
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	220	238	7,538	7,219	St. Louis, Mo.-----	186	195	7,571	7,151
Bridgeport, Conn.-----	26	40	1,158	1,135	St. Paul, Minn.-----	58	56	2,301	2,032
Cambridge, Mass.-----	27	24	891	924	Wichita, Kans.-----	36	59	1,382	1,334
Fall River, Mass.-----	21	38	859	827	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	53	41	1,571	1,500	Atlanta, Ga.-----	95	76	3,375	3,293
Lowell, Mass.-----	<sup>1</sup> 26	23	<sup>2</sup> 825	835	Baltimore, Md.-----	208	216	7,722	7,336
Lynn, Mass.-----	18	31	681	631	Charlotte, N. C.-----	30	23	1,093	990
New Bedford, Mass.-----	19	19	733	765	Jacksonville, Fla.-----	63	67	1,884	1,622
New Haven, Conn.-----	42	32	1,411	1,402	Miami, Fla.-----	73	69	2,249	1,473
Providence, R. I.-----	42	61	1,949	1,919	Norfolk, Va.-----	29	15	1,093	1,114
Somerville, Mass.-----	10	11	436	419	Richmond, Va.-----	84	73	2,337	2,283
Springfield, Mass.-----	45	39	1,308	1,303	Savannah, Ga.-----	27	25	1,014	892
Waterbury, Conn.-----	23	22	818	767	St. Petersburg, Fla.-----	(60)	(62)	(2,071)	---
Worcester, Mass.-----	50	42	1,645	1,693	Tampa, Fla.-----	59	49	2,154	1,910
<b>MIDDLE ATLANTIC:</b>					<b>EAST SOUTH CENTRAL:</b>				
Albany, N. Y.-----	30	43	1,509	1,509	Birmingham, Ala.-----	80	85	2,734	2,331
Allentown, Pa.-----	29	34	1,030	1,160	Chattanooga, Tenn.-----	50	32	1,492	1,390
Buffalo, N. Y.-----	146	115	4,641	4,356	Knoxville, Tenn.-----	29	18	852	840
Camden, N. J.-----	29	39	1,329	1,225	Louisville, Ky.-----	85	104	3,397	3,143
Elizabeth, N. J.-----	<sup>2</sup> 23	31	<sup>2</sup> 924	873	Memphis, Tenn.-----	104	135	3,577	3,234
Erie, Pa.-----	22	31	1,083	1,083	Mobile, Ala.-----	42	40	1,231	1,078
Jersey City, N. J.-----	70	59	2,220	2,096	Montgomery, Ala.-----	22	14	1,029	715
Newark, N. J.-----	71	89	2,980	3,196	Nashville, Tenn.-----	51	56	1,817	1,806
New York City, N. Y.-----	1,369	1,456	50,614	48,185	<b>WEST SOUTH CENTRAL:</b>				
Paterson, N. J.-----	36	35	1,301	1,193	Austin, Tex.-----	<sup>1</sup> 26	28	<sup>2</sup> 994	908
Philadelphia, Pa.-----	548	484	15,676	14,905	Baton Rouge, La.-----	23	21	870	766
Pittsburgh, Pa.-----	195	210	5,953	5,469	Corpus Christi, Tex.-----	11	19	646	631
Reading, Pa.-----	25	25	644	716	Dallas, Tex.-----	114	100	3,507	3,340
Rochester, N. Y.-----	98	98	3,128	2,883	El Paso, Tex.-----	28	25	1,108	933
Schenectady, N. Y.-----	18	18	702	698	Fort Worth, Tex.-----	72	55	1,883	1,878
Scranton, Pa.-----	32	31	1,094	1,144	Houston, Tex.-----	153	148	4,863	4,566
Syracuse, N. Y.-----	58	64	1,894	1,735	Little Rock, Ark.-----	63	54	1,668	1,659
Trenton, N. J.-----	39	45	1,489	1,365	New Orleans, La.-----	152	163	5,472	5,174
Utica, N. Y.-----	27	23	811	969	Oklahoma City, Okla.-----	60	73	2,101	1,876
Yonkers, N. Y.-----	20	25	949	923	San Antonio, Tex.-----	91	98	2,960	2,866
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Akron, Ohio-----	51	55	1,785	1,623	Albuquerque, N. Mex.-----	32	27	880	768
Canton, Ohio-----	29	29	946	941	Colorado Springs, Colo.-----	14	17	449	411
Chicago, Ill.-----	606	669	23,433	22,721	Denver, Colo.-----	106	91	3,462	3,328
Cincinnati, Ohio-----	134	168	5,010	4,567	Ogden, Utah-----	15	11	439	364
Cleveland, Ohio-----	192	186	6,402	6,302	Phoenix, Ariz.-----	42	38	1,379	890
Columbus, Ohio-----	98	94	3,429	3,409	Pueblo, Colo.-----	16	18	384	381
Dayton, Ohio-----	<sup>1</sup> 60	65	<sup>2</sup> 2,244	2,180	Salt Lake City, Utah-----	47	51	1,452	1,320
Detroit, Mich.-----	284	303	9,854	9,800	Tucson, Ariz.-----	23	32	665	654
Evansville, Ind.-----	33	43	1,224	932	<b>PACIFIC:</b>				
Flint, Mich.-----	31	37	1,162	1,138	Berkeley, Calif.-----	17	13	587	580
Fort Wayne, Ind.-----	33	41	1,083	1,071	Fresno, Calif.-----	(45)	(54)	(1,153)	---
Gary, Ind.-----	23	21	1,003	875	Glendale, Calif.-----	(30)	(31)	(1,042)	---
Grand Rapids, Mich.-----	34	29	1,287	1,248	Long Beach, Calif.-----	55	60	1,690	1,635
Indianapolis, Ind.-----	99	135	3,858	3,556	Los Angeles, Calif.-----	407	448	14,834	14,403
Madison, Wis.-----	(13)	(27)	(960)	(962)	Oakland, Calif.-----	80	86	2,841	2,905
Milwaukee, Wis.-----	109	109	4,116	3,954	Pasadena, Calif.-----	31	32	1,070	1,075
Peoria, Ill.-----	25	26	983	903	Portland, Oreg.-----	73	104	3,076	2,878
Rockford, Ill.-----	(30)	(22)	(808)	(769)	Sacramento, Calif.-----	38	63	1,593	1,565
South Bend, Ind.-----	24	31	829	763	San Diego, Calif.-----	75	69	2,531	2,430
Toledo, Ohio-----	100	76	3,058	2,900	San Francisco, Calif.-----	185	169	5,745	5,817
Youngstown, Ohio-----	52	48	1,630	1,696	San Jose, Calif.-----	(26)	(24)	(690)	---
<b>WEST NORTH CENTRAL:</b>					<b>HONOLULU, HAWAII:</b>				
Des Moines, Iowa-----	50	46	1,697	1,640	Honolulu, Hawaii-----	---	(41)	---	(1,162)
Duluth, Minn.-----	21	29	769	789					
Kansas City, Kans.-----	9	19	788	903					
Kansas City, Mo.-----	86	116	3,768	3,614					
Lincoln, Nebr.-----	---	(13)	---	---					
Minneapolis, Minn.-----	115	105	3,689	3,767					
Omaha, Nebr.-----	68	57	2,127	2,061					

<sup>1</sup>Estimated.

<sup>2</sup>Includes estimate for current week.

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

# Morbidity and Mortality Weekly Report

## 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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