

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 9, 1958

The number of cases of poliomyelitis reported for the week ended August 9 was 201, which is nearly 25 percent higher than the 161 reported in the previous week but considerably lower than the total of 357 cases for the same week in 1957. Ninety of the 201 cases were paralytic; 85 were nonparalytic; and 26 were unspecified. Revised figures for the previous week were 70 paralytic, 66 nonparalytic, and 25 unspecified; and for the same week in 1957 there were 72 paralytic, 205 nonparalytic, and 80 unspecified cases.

The proportionate increases in incidence were greater in the New England, East North Central, and South Atlantic States. Michigan reported the largest number, 39, which included 8 delayed reports. Other States reporting 10 or more cases were Texas with 17, New Jersey 16, Ohio 14, Mississippi 12, and New York State 10 cases.

The incidence of poliomyelitis appears to be declining

in Hawaii although 4 additional cases with paralysis were reported for the current week. The largest number by week of onset occurred in the week ended July 5. About four-fifths of the cases reported have been in dependents of military personnel. The age and sex distribution of 46 cases is as follows:

	Male	Female
All ages-----	20	26
Under 1 year-----	6	5
1-4 years-----	9	14
5-9 years-----	1	2
10-19 years-----	1	1
20 years and over-----	3	4

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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	32d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 9, 1958	Ended Aug. 10, 1957	Median 1953-57	First 32 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	17	14	20	(2)	(2)	(2)	(2)
Botulism-----049.1	-	6	-	35	7	6	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	19	23	34	504	620	810	(2)	(2)	(2)	(2)
Diphtheria-----055	9	11	23	398	554	918	48	90	104	July 1
Encephalitis, infectious-----082	52	62	44	1,057	982	975	448	422	382	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	269	245	473	9,840	10,320	20,585	13,645	15,519	26,658	Sept. 1
Malaria-----110-117	3	7	16	42	78	261	(2)	(2)	(2)	(2)
Measles-----085	3,192	2,350	1,960	704,543	445,940	522,479	737,446	483,149	569,354	Sept. 1
Meningococcal infections-----057	44	35	43	1,661	1,585	2,457	2,618	2,316	3,479	Sept. 1
Meningitis, other-----340	492	76	---	1,758	1,325	---	---	---	---	---
Poliomyelitis-----080	201	357	1,409	51,408	2,898	8,081	51,189	2,372	6,930	Apr. 1
Paralytic-----080.0,080.1	90	72	---	689	974	---	568	700	---	Apr. 1
Nonparalytic-----080.2	85	205	---	512	1,473	---	444	1,310	---	Apr. 1
Unspecified-----080.3	26	80	---	207	451	---	177	362	---	Apr. 1
Psittacosis-----096.2	3	4	6	92	181	184	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	3	4	(2)	(2)	(2)	(2)
Typhoid fever-----040	30	28	44	554	758	1,092	377	501	780	Apr. 1
Typhus fever, endemic-----101	2	3	6	45	75	86	33	50	70	Apr. 1
Rabies in animals-----	76	78	80	3,058	2,969	3,534	3,873	3,933	4,899	Oct. 1

<sup>1</sup>Includes revised report from South Dakota for week ended July 12.

<sup>2</sup>Data show no pronounced seasonal change in incidence.

<sup>3</sup>Includes revised report from Kentucky for week ended July 26.

<sup>4</sup>Includes 21 cases of aseptic meningitis; 15 were reported in Florida, 4 in Iowa, 1 in Maine, and 1 in New Hampshire.

<sup>5</sup>Includes revised reports for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis for the following States: Colorado and Indiana.

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

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Seven of the 46 cases for which information is available have been in persons who had had 3 doses of poliomyelitis vaccine and of these 5 had received the last dose more than a year prior to onset of symptoms. There have been 3 deaths.

A total of 16 cases of poliomyelitis with 1 death has been reported among Indians on a reservation in Montana. All but 1 of the 16 were paralytic cases; 9 of the persons were under 5 years of age, 1 was 7 years old, 5 were in the 10- to 19-year age group, and 1 was 23 years of age. An Indian child who traveled from the reservation to the State of Washington and developed symptoms in the latter area is included as one of the cases among the Indians.

Type 1 polio virus has been isolated from several of the cases in Hawaii and from 11 cases and 8 contacts in Montana.

The Oregon Communicable Disease Summary for the week ending August 2 states that 1 case of relapsing fever and 1 of actinomycosis were reported that week. This is the first case of each disease to be reported in Oregon for more than 2 years.

The total numbers of reported cases of encephalitis, meningococcal infections, and other types of meningitis are running higher this year than in 1957. Reported cases of encephalitis for the 32 weeks exceed the 1953-57 median figure, also.

## EPIDEMIOLOGICAL REPORTS

### Arthropod-borne encephalitis

The California Surveillance Report for August 7, issued by the California Department of Public Health, states that 5 more cases of arthropod-borne encephalitis have been reported since July 16. All 5 cases were diagnosed as western equine encephalitis, with laboratory confirmation showing increases in complement fixation titers. This brings the current total to 8 cases of western equine and 1 case of St. Louis encephalitis reported this year. All 9 cases have occurred in the Central Valley area. During the first 2 weeks of July, isolation of western equine encephalitis virus was made from 32 pools of mosquitoes; 35 pools were negative, and some tests are incomplete. Only about 6 new clinical cases of equine encephalitis in horses have been reported during the past 3 weeks. Three cases in horses have been confirmed by laboratory tests.

### Acute cephalgia syndrome

A memorandum from the California Department of Public Health to local health officers states that physicians in Shasta County have noticed an increasing number of cases of illness characterized by severe headache, moderate fever, malaise, and soreness of the neck and back. This has occurred primarily in young adults and children of both sexes. Occasionally there have been several cases in the same family. A typical history is tiredness, mild headache, and general aches and pains for about 3 days. There may be a low-grade fever. On the third or fourth day, temperature usually rises to 102° - 103° F. This temperature elevation may be preceded by chills. A severe headache, frontal, bitemporal, or retro-ocular, accompanies the rise in temperature and usually is the chief complaint. Physical findings include slight nuchal rigidity and occasionally generalized abdominal tenderness. Hepatomegalia has been reported in some cases, and a number of children have had a maculopapular eruption of brief duration. The few spinal fluid examinations that have been done show 500-1,000 cells, predominantly lymphocytes. Other laboratory findings have been essentially normal. Generally, recovery

is complete within 2 or 3 days following the onset of the severe headache and high fever. Similar cases of moderately more severe intensity have been reported in Tehama County. Epidemiological and laboratory studies are underway in both counties to find the specific etiologic agent and its pattern of dissemination.

### Mushroom poisoning

The California Department of Public Health has supplied information on 2 cases of mushroom poisoning. The mushrooms were picked from the front lawn and were baked in an oven. One person ate 2 mushrooms and the other ate 3. Symptoms of nausea, vomiting and diarrhea began 2½ hours after eating for one person, and 3½ hours after eating for the other. The mushrooms were identified as Lepiota morgani, a toxic variety.

### Food poisoning

The Louisiana State Department of Health has reported a food poisoning outbreak of undetermined origin, which affected about half of the 51 women who attended an all day picnic. They became ill with symptoms of nausea, vomiting, and diarrhea between 1½ and 4 hours after eating the noon meal. The foods served consisted of sliced ham, potato salad, lettuce, celery, tomatoes, bread, butter, mustard, olives, cheese, mayonnaise, and various cakes. In the morning, coffee and doughnuts were served; and bottled beverages were furnished. The ham was kept refrigerated until served, and the potato salad was prepared just before serving. The mayonnaise used for the potato salad was from newly opened jars. Samples of the food served were delivered to a chemist by local police. Samples for bacteriological analysis were obtained from the chemist. This analysis revealed no food poisoning organism; but inspection of the grocery and bakery where the food was purchased revealed unsanitary conditions, including an unclean meat slicer, saw table, and meat block. Attempts to determine the probable offending food item by calculating attack rates of individual food items revealed nothing significant. Results of the chemical analysis of the food were not available at the time of the report.

The California Department of Public Health has also supplied information on 2 outbreaks of staphylococcal food poisoning. In one outbreak in a private residence, 18 of 27 people became ill with cramps, nausea, vomiting, and diarrhea about 2½ hours after eating ham, cream cheese, lamb, pasticchio, and anchovies. The ham had been cooked for 5 hours and then left unrefrigerated for about 46 hours before being eaten. Samples of all of the food except the cream cheese contained beta hemolytic, coagulase-positive staphylococci. The greatest concentrations of organisms were found in the ham, lamb, and pasticchio.

The other outbreak occurred in a fish company. Four of 6 persons who ate smoked albacore became ill about 9 hours later. Symptoms of cramps and diarrhea lasted about 6 hours. Laboratory study of a sample of the albacore revealed many golden-pigmented, nonhemolytic, nongelatin liquefying, coagulase-negative, gram-positive cocci, and many proteus organisms. In preparation, the fish is smoked in 1-pound and 2-pound pieces, brined for 7 hours, dried for 9 hours at a temperature of 160° F., and then woodsmoked for 6 hours at 190° F. The fish is then placed in an unrefrigerated display case where it remains until sold, which may be 2 or 3 days later.

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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 AUGUST 10, 1957, AND AUGUST 9, 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		32d week		Cumulative first 32 weeks		082		32d week		Cumulative first 32 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	19	23	9	11	398	554	52	62	269	245	9,840	10,320
NEW ENGLAND-----	1	-	-	-	5	19	1	-	8	22	339	566
Maine-----	-	-	-	-	-	3	-	-	1	6	48	181
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	1	-	13	86
Massachusetts-----	1	-	-	-	4	16	1	-	3	9	160	160
Rhode Island-----	-	-	-	-	-	-	-	-	1	2	45	50
Connecticut-----	-	-	-	-	1	-	-	-	2	5	71	81
MIDDLE ATLANTIC-----	-	3	-	-	32	56	8	6	33	39	1,202	1,578
New York-----	-	1	-	-	15	29	5	6	24	25	812	944
New Jersey-----	-	-	-	-	2	9	1	-	3	4	94	211
Pennsylvania-----	-	2	-	-	15	18	2	-	6	10	29f	423
EAST NORTH CENTRAL-----	7	5	-	-	30	37	9	9	47	41	1,708	1,804
Ohio-----	-	-	-	-	6	8	-	5	12	7	554	453
Indiana-----	1	-	-	-	14	9	-	1	2	4	158	258
Illinois-----	4	3	-	-	4	3	7	1	10	14	416	387
Michigan-----	1	1	-	-	5	15	2	2	11	13	478	516
Wisconsin-----	1	1	-	-	1	2	-	-	12	3	102	190
WEST NORTH CENTRAL-----	4	3	1	3	71	50	4	10	24	22	830	616
Minnesota-----	-	1	1	-	30	21	1	-	7	8	108	224
Iowa-----	2	1	-	-	13	6	-	-	2	7	148	146
Missouri-----	2	1	-	-	12	1	1	-	4	1	163	105
North Dakota-----	-	-	-	-	3	3	1	10	10	2	136	75
South Dakota-----	-	-	-	-	5	6	-	-	-	1	9	27
Nebraska-----	-	-	2	-	8	8	-	-	1	1	55	17
Kansas-----	-	-	-	1	-	5	1	-	-	2	211	22
SOUTH ATLANTIC-----	1	2	-	1	97	158	8	1	32	19	711	776
Delaware-----	-	-	-	-	-	-	-	-	-	-	33	6
Maryland-----	-	1	-	-	3	1	1	-	5	-	82	80
District of Columbia-----	-	-	-	-	-	-	-	-	2	-	12	9
Virginia-----	-	-	-	-	15	10	1	-	6	6	174	307
West Virginia-----	-	-	-	-	9	4	-	-	8	2	106	62
North Carolina-----	-	-	-	-	13	22	2	-	3	5	38	67
South Carolina-----	-	-	1	-	11	25	-	-	-	-	36	21
Georgia-----	1	1	-	-	24	35	4	-	3	1	75	84
Florida-----	-	-	-	-	22	61	-	1	5	5	155	140
EAST SOUTH CENTRAL-----	2	5	1	-	35	69	3	2	22	22	837	1,410
Kentucky-----	1	-	1	-	4	12	-	2	7	10	388	603
Tennessee-----	1	2	-	-	6	7	-	2	7	5	222	534
Alabama-----	-	1	-	-	15	29	-	-	7	3	171	170
Mississippi-----	-	2	-	-	10	21	3	-	1	4	56	103
WEST SOUTH CENTRAL-----	2	-	4	5	85	118	1	18	13	16	759	765
Arkansas-----	1	-	-	-	12	9	1	-	1	-	79	58
Louisiana-----	-	-	-	-	7	9	-	-	-	3	7	43
Oklahoma-----	-	-	3	1	25	17	-	2	1	-	110	93
Texas-----	1	-	1	4	41	83	-	16	11	13	563	571
MOUNTAIN-----	1	1	2	1	37	21	-	-	40	12	1,601	902
Montana-----	-	-	-	1	15	5	-	-	4	2	254	120
Idaho-----	-	-	-	-	2	1	-	-	9	1	103	62
Wyoming-----	-	-	-	-	2	1	-	-	-	1	4	45
Colorado-----	1	-	-	-	5	2	-	-	4	3	145	141
New Mexico-----	-	-	2	-	11	8	-	-	4	-	246	309
Arizona-----	-	1	-	-	2	3	-	-	16	2	627	165
Utah-----	-	-	-	-	-	1	-	-	3	-	125	35
Nevada-----	-	-	-	-	-	-	-	-	-	3	97	25
PACIFIC-----	1	4	1	1	6	26	18	16	50	52	1,853	1,903
Washington-----	-	2	-	-	-	19	-	-	5	9	316	255
Oregon-----	-	-	1	-	2	2	1	-	8	8	241	360
California-----	1	2	-	1	4	5	17	16	37	35	1,296	1,288
Alaska-----	-	-	-	-	-	-	-	-	-	1	73	56
Hawaii-----	-	-	-	-	-	-	-	1	-	1	45	32
Puerto Rico-----	-	-	1	-	30	33	-	-	-	-	97	116

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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 AUGUST 10, 1957, AND AUGUST 9, 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	
	32d week		Cumulative first 32 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-----	201	357	1,408	2,898	90	72	85	205	3	7	3,192	2,350
NEW ENGLAND-----	7	2	26	35	4	-	2	2	-	-	220	320
Maine-----	-	-	2	3	-	-	-	-	-	-	38	21
New Hampshire-----	-	1	-	3	-	-	-	1	-	-	7	1
Vermont-----	1	-	2	2	1	-	-	-	-	-	3	118
Massachusetts-----	1	1	6	11	-	-	-	1	-	-	107	70
Rhode Island-----	-	-	1	-	-	-	-	-	-	-	11	3
Connecticut-----	5	-	15	16	3	-	2	-	-	-	54	107
MIDDLE ATLANTIC-----	28	14	117	122	17	3	6	6	-	-	715	434
New York-----	10	7	57	76	7	2	1	4	-	-	462	347
New Jersey-----	16	5	49	23	9	1	5	2	-	-	138	56
Pennsylvania-----	2	2	11	23	1	-	-	-	-	-	115	31
EAST NORTH CENTRAL-----	60	131	196	477	27	18	20	78	-	-	825	514
Ohio-----	14	30	39	106	3	6	1	6	-	-	213	44
Indiana-----	-	8	215	50	-	-	-	6	-	-	37	10
Illinois-----	5	25	31	99	1	7	3	9	-	-	130	72
Michigan-----	39	40	97	135	23	4	16	36	-	-	127	80
Wisconsin-----	2	28	14	87	-	1	-	21	-	-	318	308
WEST NORTH CENTRAL-----	14	52	68	236	6	6	7	23	-	1	61	124
Minnesota-----	1	6	4	28	1	1	-	5	-	-	3	9
Iowa-----	5	6	18	27	-	-	5	6	-	-	16	37
Missouri-----	5	10	14	66	4	-	1	2	-	-	25	14
North Dakota-----	-	2	5	5	-	1	-	1	-	-	9	45
South Dakota-----	-	18	6	24	-	3	-	2	-	-	3	18
Nebraska-----	-	4	10	50	-	1	-	3	-	-	5	1
Kansas-----	3	6	11	36	1	-	1	4	-	1	(*)	-
SOUTH ATLANTIC-----	35	52	315	429	14	14	18	32	-	1	310	128
Delaware-----	3	2	6	4	2	-	1	2	-	-	5	-
Maryland-----	-	1	2	7	-	1	-	-	-	-	19	28
District of Columbia-----	-	1	5	8	-	1	-	-	-	-	3	9
Virginia-----	7	4	40	44	5	4	2	-	-	-	107	16
West Virginia-----	8	1	36	14	3	-	5	1	-	-	71	4
North Carolina-----	8	25	51	134	-	2	8	22	-	-	6	4
South Carolina-----	-	6	10	87	-	1	-	2	-	-	12	17
Georgia-----	-	4	18	43	-	4	-	-	-	1	55	21
Florida-----	9	8	147	88	4	1	2	5	-	-	32	29
EAST SOUTH CENTRAL-----	23	17	129	221	3	6	19	8	2	4	196	100
Kentucky-----	-	6	26	42	-	4	-	2	-	4	51	9
Tennessee-----	8	6	36	74	-	2	7	4	-	-	116	41
Alabama-----	3	2	15	28	3	-	-	-	-	-	20	47
Mississippi-----	12	3	52	77	-	-	12	2	2	-	9	3
WEST SOUTH CENTRAL-----	25	40	315	757	14	13	11	23	-	1	248	248
Arkansas-----	3	4	15	47	1	3	2	1	-	-	-	1
Louisiana-----	1	9	31	114	-	2	1	7	-	-	-	11
Oklahoma-----	4	7	36	74	2	1	2	2	-	1	13	10
Texas-----	17	20	233	522	11	7	6	13	-	-	235	226
MOUNTAIN-----	5	15	84	145	2	4	1	7	1	-	290	214
Montana-----	2	1	31	5	-	-	-	1	-	-	21	23
Idaho-----	-	3	3	13	-	1	-	1	-	-	5	70
Wyoming-----	-	-	2	8	-	-	-	-	-	-	3	1
Colorado-----	-	3	28	22	-	1	-	1	-	-	107	34
New Mexico-----	2	5	21	33	1	1	1	2	-	-	28	36
Arizona-----	1	3	12	35	1	1	-	2	-	-	75	33
Utah-----	-	-	5	25	-	-	-	-	-	-	40	14
Nevada-----	-	-	2	4	-	-	-	-	1	-	11	3
PACIFIC-----	4	34	158	476	3	8	1	26	-	-	327	268
Washington-----	-	-	12	3	-	-	-	-	-	-	48	50
Oregon-----	-	1	16	34	-	1	-	-	-	-	50	79
California-----	4	33	130	439	3	7	1	26	-	-	229	139
Alaska-----	-	-	1	2	-	-	-	-	-	-	4	1
Hawaii-----	4	-	48	2	4	-	-	-	-	-	4	12
Puerto Rico-----	2	3	48	17	2	3	-	-	-	-	54	20

<sup>1</sup>Includes cases not specified by type, category number 080.3.<sup>2</sup>Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

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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 AUGUST 10, 1957, AND AUGUST 9, 1958—Continued**

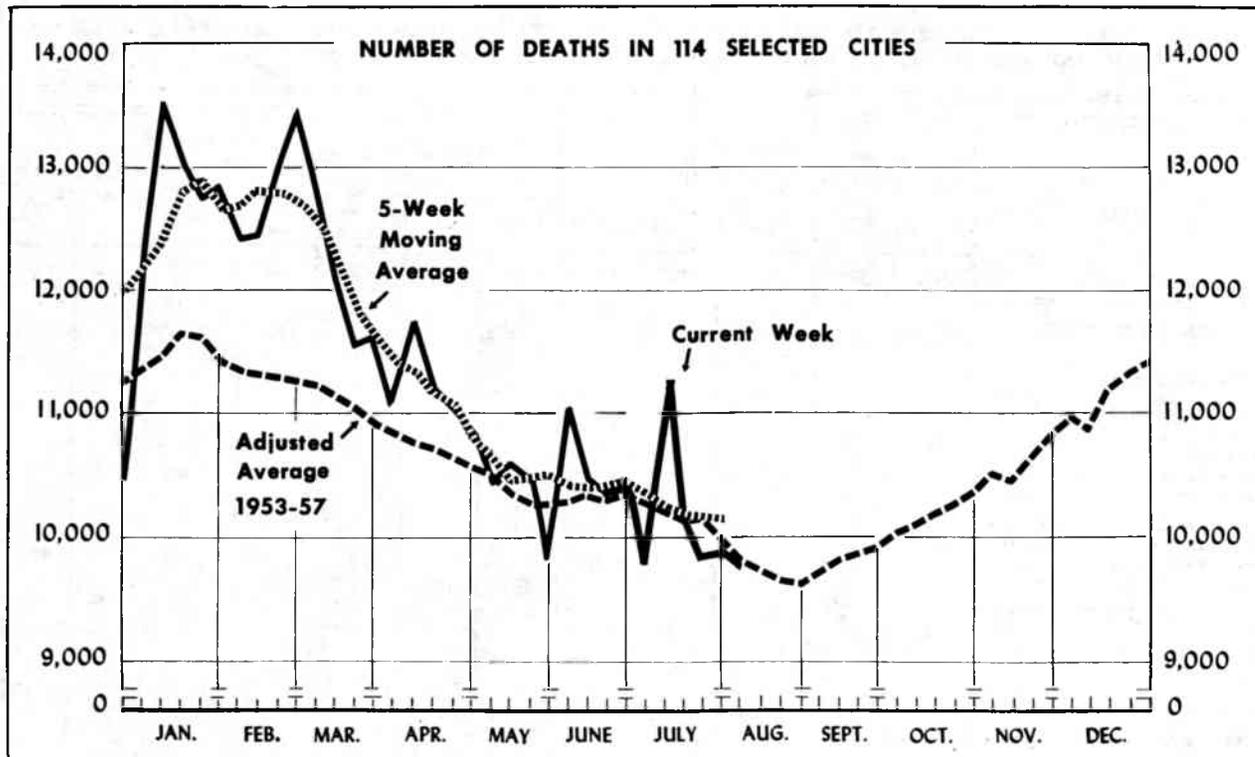
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		32d week		Cumulative first 32 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
<b>CONT. UNITED STATES-----</b>	44	35	92	3	4	30	28	554	758	2	76	78
<b>NEW ENGLAND-----</b>	3	2	8	-	-	-	-	9	17	-	-	-
Maine-----	-	-	3 <sup>1</sup>	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	1	3 <sup>1</sup>	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	3	-	-	-	-	5	7	-	-	-
Rhode Island-----	-	-	3	-	-	-	-	-	4	-	-	-
Connecticut-----	2	-	-	-	-	-	-	2	2	-	-	-
<b>MIDDLE ATLANTIC-----</b>	5	1	-	2	-	5	3	63	81	-	13	8
New York-----	3	1	-	2	-	1	2	18	33	-	12	7
New Jersey-----	1	-	-	-	-	3	1	14	18	-	-	-
Pennsylvania-----	1	-	-	-	-	1	-	31	30	-	1	1
<b>EAST NORTH CENTRAL-----</b>	10	8	21	-	2	1	2	44	80	-	10	7
Ohio-----	2	1	-	-	-	-	2	15	38	-	-	-
Indiana-----	-	-	1	-	-	-	-	7	15	-	3	1
Illinois-----	6	2	15	-	1	-	-	8	11	-	-	-
Michigan-----	1	5	5	-	1	-	-	8	10	-	-	1
Wisconsin-----	1	-	-	-	-	1	-	6	6	-	7	5
<b>WEST NORTH CENTRAL-----</b>	1	5	7	-	1	-	4	48	54	-	21	25
Minnesota-----	-	4	-	-	1	-	-	3	4	-	15	9
Iowa-----	-	1	3 <sup>4</sup>	-	-	-	3	7	13	-	2	10
Missouri-----	-	-	2	-	-	-	1	24	28	-	2	1
North Dakota-----	-	-	-	-	-	-	-	1	1	-	1	1
South Dakota-----	-	-	-	-	-	-	-	5	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	1	4
Kansas-----	1	-	1	-	-	-	-	7	4	-	-	-
<b>SOUTH ATLANTIC-----</b>	13	2	38	-	-	11	7	101	161	2	10	16
Delaware-----	-	-	-	-	-	2	-	5	1	-	-	-
Maryland-----	3	-	4	-	-	-	-	4	3	-	-	-
District of Columbia-----	2	-	1	-	-	-	1	6	8	-	-	-
Virginia-----	2	1	13	-	-	4	1	22	28	-	3	6
West Virginia-----	-	-	-	-	-	-	2	11	40	-	2	1
North Carolina-----	3	-	-	-	-	2	-	13	11	-	-	1
South Carolina-----	-	-	-	-	-	-	-	6	13	2	1	5
Georgia-----	-	1	2	-	-	2	2	20	22	-	3	-
Florida-----	3	-	4 <sup>18</sup>	-	-	1	1	14	35	-	1	3
<b>EAST SOUTH CENTRAL-----</b>	4	10	8	1	-	5	4	64	126	-	8	7
Kentucky-----	-	1	-	-	-	2	2	17	38	-	5	4
Tennessee-----	-	-	2	-	-	2	-	17	51	-	-	-
Alabama-----	1	7	-	1	-	1	-	13	9	-	3	3
Mississippi-----	3	2	6	-	-	-	2	17	28	-	-	-
<b>WEST SOUTH CENTRAL-----</b>	2	2	6	-	1	3	5	137	163	-	13	9
Arkansas-----	-	-	-	-	-	1	1	17	30	-	3	2
Louisiana-----	1	2	-	-	-	1	-	58	38	-	-	-
Oklahoma-----	-	-	2	-	1	-	1	7	17	-	-	-
Texas-----	1	-	4	-	-	2	3	55	78	-	10	7
<b>MOUNTAIN-----</b>	1	2	2	-	-	2	1	46	30	-	-	1
Montana-----	-	-	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	5	2	-	-	-
Wyoming-----	-	-	-	-	-	1	-	2	2	-	-	-
Colorado-----	-	1	1	-	-	-	-	5	7	-	-	-
New Mexico-----	-	-	-	-	-	-	1	18	11	-	-	-
Arizona-----	1	1	1	-	-	-	-	6	6	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	1	-	8	-	-	-	-
<b>PACIFIC-----</b>	5	3	2	-	-	3	2	42	46	-	1	5
Washington-----	1	-	2	-	-	-	-	-	2	-	-	-
Oregon-----	-	-	-	-	-	-	-	7	5	-	-	-
California-----	4	3	-	-	-	3	2	35	39	-	1	5
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	4	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	15	14	-	-	-

<sup>3</sup>Aseptic meningitis.

<sup>4</sup>Includes 15 cases of aseptic meningitis.

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	32d week ended Aug. 9, 1958	31st week ended Aug. 2, 1958	Adjusted average, 32d week to 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 32 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	9,765	9,887	9,847	-0.8	364,107	348,500	+4.5
New England----- (14 cities)	572	626	611	-6.4	23,025	22,543	+2.1
Middle Atlantic----- (20 cities)	2,701	2,702	2,847	-5.1	105,380	101,192	+4.1
East North Central----- (19 cities)	2,047	2,024	2,121	-3.5	77,405	74,913	+3.3
West North Central----- (9 cities)	672	722	723	-7.1	25,686	24,782	+3.6
South Atlantic----- (11 cities)	867	946	834	+4.0	31,901	29,335	+8.7
East South Central----- (8 cities)	437	470	470	-7.0	17,036	15,519	+9.8
West South Central----- (13 cities)	927	900	816	+13.6	30,910	29,274	+5.6
Mountain----- (8 cities)	287	274	232	+23.7	9,671	8,649	+11.8
Pacific----- (12 cities)	1,255	1,223	1,178	+6.5	43,093	42,293	+1.9

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**Table 4. DEATHS IN SELECTED CITIES**

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

AREA	32d week ended Aug. 9, 1958	31st week ended Aug. 2, 1958	CUMULATIVE NUMBER FIRST 32 WEEKS		AREA	32d week ended Aug. 9, 1958	31st week ended Aug. 2, 1958	CUMULATIVE NUMBER FIRST 32 WEEKS	
			1958	1957				1958	1957
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	188	214	7,940	7,649	St. Louis, Mo.-----	201	212	7,984	7,624
Bridgeport, Conn.-----	33	36	1,227	1,198	St. Paul, Minn.-----	59	53	2,413	2,144
Cambridge, Mass.-----	33	25	949	976	Wichita, Kans.-----	34	51	1,467	1,437
Fall River, Mass.-----	21	22	902	877	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	38	35	1,644	1,578	Atlanta, Ga.-----	88	114	3,577	3,488
Lowell, Mass.-----	23	10	862	887	Baltimore, Md.-----	229	220	8,171	7,742
Lynn, Mass.-----	19	20	720	663	Charlotte, N. C.-----	41	32	1,166	1,072
New Bedford, Mass.-----	17	31	781	793	Jacksonville, Fla.-----	63	49	1,996	1,720
New Haven, Conn.-----	39	31	1,481	1,467	Miami, Fla.-----	85	65	2,399	1,559
Providence, R. I.-----	46	64	2,059	2,031	Norfolk, Va.-----	39	42	1,174	1,173
Somerville, Mass.-----	13	10	459	451	Richmond, Va.-----	69	64	2,470	2,410
Springfield, Mass.-----	40	39	1,387	1,370	Savannah, Ga.-----	40	31	1,085	946
Waterbury, Conn.-----	17	24	859	809	St. Petersburg, Fla.-----	(47)	(69)	(2,187)	---
Worcester, Mass.-----	45	65	1,755	1,774	Tampa, Fla.-----	36	71	2,261	2,019
<b>MIDDLE ATLANTIC:</b>					Washington, D. C.-----	148	213	6,361	6,019
Albany, N. Y.-----	47	38	1,594	1,583	Wilmington, Del.-----	29	45	1,221	1,187
Allentown, Pa.-----	26	27	1,083	1,233	<b>EAST SOUTH CENTRAL:</b>				
Buffalo, N. Y.-----	138	132	4,911	4,642	Birmingham, Ala.-----	77	53	2,864	2,515
Camden, N. J.-----	26	45	1,400	1,301	Chattanooga, Tenn.-----	47	42	1,581	1,481
Elizabeth, N. J.-----	29	14	973	929	Knoxville, Tenn.-----	21	31	904	887
Erie, Pa.-----	35	23	1,141	1,154	Louisville, Ky.-----	93	103	3,593	3,351
Jersey City, N. J.-----	60	42	2,322	2,241	Memphis, Tenn.-----	88	117	3,782	3,445
Newark, N. J.-----	73	105	3,158	3,369	Mobile, Ala.-----	26	34	1,291	1,139
New York City, N. Y.-----	1,367	1,336	53,317	50,864	Montgomery, Ala.-----	29	39	1,097	776
Paterson, N. J.-----	23	27	1,351	1,254	Nashville, Tenn.-----	56	51	1,924	1,925
Philadelphia, Pa.-----	419	459	16,554	15,766	<b>WEST SOUTH CENTRAL:</b>				
Pittsburgh, Pa.-----	166	148	6,267	5,810	Austin, Tex.-----	27	34	1,062	972
Reading, Pa.-----	24	29	897	750	Baton Rouge, La.-----	22	28	920	810
Rochester, N. Y.-----	88	78	3,294	3,057	Corpus Christi, Tex.-----	21	17	684	674
Schenectady, N. Y.-----	16	27	745	752	Dallas, Tex.-----	111	123	3,741	3,545
Scranton, Pa.-----	28	31	1,153	1,221	El Paso, Tex.-----	31	40	1,179	997
Syracuse, N. Y.-----	64	52	2,010	1,835	Fort Worth, Tex.-----	70	60	2,013	2,000
Trenton, N. J.-----	25	43	1,557	1,435	Houston, Tex.-----	134	164	5,161	4,866
Utica, N. Y.-----	23	28	862	1,028	Little Rock, Ark.-----	55	32	1,755	1,767
Yonkers, N. Y.-----	24	18	991	968	New Orleans, La.-----	184	166	5,822	5,510
<b>EAST NORTH CENTRAL:</b>					Oklahoma City, Okla.-----	55	53	2,209	1,983
Akron, Ohio-----	46	47	1,878	1,734	San Antonio, Tex.-----	106	94	3,160	3,075
Canton, Ohio-----	31	20	997	990	Shreveport, La.-----	62	46	1,586	1,499
Chicago, Ill.-----	596	698	24,727	24,027	Tulsa, Okla.-----	49	43	1,618	1,576
Cincinnati, Ohio-----	144	126	5,280	4,870	<b>MOUNTAIN:</b>				
Cleveland, Ohio-----	227	150	6,779	6,689	Albuquerque, N. Mex.-----	24	20	924	811
Columbus, Ohio-----	112	100	3,641	3,616	Colorado Springs, Colo.-----	13	22	484	439
Dayton, Ohio-----	58	57	2,357	2,319	Denver, Colo.-----	106	95	3,663	3,552
Detroit, Mich.-----	258	257	10,369	10,423	Ogden, Utah-----	13	17	469	388
Evansville, Ind.-----	38	25	1,287	976	Phoenix, Ariz.-----	50	51	1,480	944
Flint, Mich.-----	36	32	1,230	1,209	Pueblo, Colo.-----	15	13	412	407
Fort Wayne, Ind.-----	24	29	1,136	1,148	Salt Lake City, Utah-----	49	47	1,548	1,418
Gary, Ind.-----	24	26	1,053	938	Tucson, Ariz.-----	17	9	691	690
Grand Rapids, Mich.-----	36	30	1,353	1,314	<b>PACIFIC:</b>				
Indianapolis, Ind.-----	135	107	4,100	3,786	Berkeley, Calif.-----	21	14	622	608
Madison, Wis.-----	(24)	(35)	(1,019)	(1,029)	Fresno, Calif.-----	(27)	(34)	(1,214)	---
Milwaukee, Wis.-----	104	124	4,344	4,200	Glendale, Calif.-----	(31)	(30)	(1,103)	---
Peoria, Ill.-----	23	26	1,032	967	Long Beach, Calif.-----	63	53	1,806	1,732
Rockford, Ill.-----	---	(29)	---	(823)	Los Angeles, Calif.-----	461	407	15,702	15,331
South Bend, Ind.-----	20	27	876	824	Oakland, Calif.-----	99	99	3,039	3,075
Toledo, Ohio-----	82	92	3,232	3,079	Pasadena, Calif.-----	31	33	1,134	1,147
Youngstown, Ohio-----	53	51	1,734	1,804	Portland, Oreg.-----	73	119	3,268	3,073
<b>WEST NORTH CENTRAL:</b>					Sacramento, Calif.-----	54	45	1,692	1,644
Des Moines, Iowa-----	44	46	1,787	1,757	San Diego, Calif.-----	79	64	2,674	2,568
Duluth, Minn.-----	14	24	807	845	San Francisco, Calif.-----	163	170	6,078	6,160
Kansas City, Kans.-----	19	37	844	971	San Jose, Calif.-----	(22)	(17)	(729)	---
Kansas City, Mo.-----	106	104	3,978	3,824	Seattle, Wash.-----	130	139	4,356	4,216
Lincoln, Nebr.-----	(17)	(32)	(805)	---	Spokane, Wash.-----	51	37	1,481	1,490
Minneapolis, Minn.-----	122	116	4,127	4,001	Tacoma, Wash.-----	30	43	1,241	1,249
Omaha, Nebr.-----	73	79	2,279	2,179	Honolulu, Hawaii-----	(31)	(35)	(1,186)	(1,236)

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

# Morbidity and Mortality Weekly Report

## EPIDEMIOLOGICAL REPORTS—Continued

### Communicable disease in other areas.

Information has been received of a confirmed case of smallpox in Anguilla, an island in the Leeward group in the Caribbean Sea. Foreign quarantine stations have been advised to apply smallpox regulations to traffic from the Leeward and Windward Islands south of Anegada Passage. St. Vincent Island is in the latter group of islands where a suspect case of smallpox was reported in July. This case has not been confirmed.

## QUARANTINE MEASURES

### Immunization Information for International Travel

No changes reported.

## 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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