

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 November 8, 1958

The number of reported cases of poliomyelitis for the week ended November 8, 1958, continues the downward trend in the number of cases reported during recent weeks. A total of 158 cases were reported; 96 of these were paralytic and 34 nonparalytic. Revised figures for the previous week were 201 total cases of which 122 were paralytic and 45 nonparalytic cases. For the week ended November 9, 1957, there were 71 cases reported, including 39 paralytic and 18 nonparalytic.

The current week is the first week since the week ended August 9, 1958, that less than 100 paralytic cases were reported. California reporting 19 paralytic cases and Michigan 12 were the only States to report 10 or more paralytic cases for the current week. No poliomyelitis was reported in the New England States.

The cumulative total of all poliomyelitis cases reported since the week ended April 5, the seasonal low week this year,

now slightly exceeds the cumulative total of all cases for the same period last year.

The case of encephalitis reported in Kansas for the current week was St. Louis encephalitis.

The case of malaria reported in California for the current week was classified as benign quartan malaria; the probable source of the infection was blood transfusions.

California has reported 11 cases of typhoid fever during the last 2 weeks. However, 5 of these represent infections contracted outside of the United States with onsets during July, August, and September.

Another pronounced rise in the incidence of respiratory illness has been reported by the Washington State Department of Health. During September there was a sharp seasonal rise in incidence which reached a peak during the week ended

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	45th WEEK			CUMULATIVE NUMBER					Approximate seasonal low point	
	Ended Nov. 8, 1958	Ended Nov. 9, 1957	Median 1953-57	First 45 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ²	1956-57		Median 1952-53 to 1956-57
Anthrax-----062	2 ¹	-	-	13	18	26	(³)	(³)	(³)	(³)
Botulism-----049.1	-	-	-	3	11	12	(³)	(³)	(³)	(³)
Bruceellosis (undulant fever)-----044	15	14	22	712	830	1,140	(³)	(³)	(³)	(³)
Diphtheria-----055	41	24	79	700	924	1,516	350	460	774	July 1
Encephalitis, infectious-----082	29	50	32	2,071	1,663	1,663	1,462	1,103	1,103	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	255	259	497	13,433	13,362	27,956	2,838	2,352	4,535	Sept. 1
Malaria-----110-117	3	4	6	67	140	424	(³)	(³)	(³)	(³)
Measles-----085	2,444	1,546	1,751	726,446	460,627	535,491	16,083	10,973	10,973	Sept. 1
Meningococcal infections-----057	32	69	56	2,249	2,175	3,035	477	490	490	Sept. 1
Meningitis, other-----340	492	46	---	3,761	2,062	---	---	---	---	---
Poliomyelitis-----080	158	71	628	5,278	5,583	27,242	5,059	5,057	26,091	Apr. 1
Paralytic-----080.0,080.1	96	39	---	2,617	1,980	---	2,496	1,706	---	Apr. 1
Nonparalytic-----080.2	34	18	---	1,869	2,717	---	1,801	2,554	---	Apr. 1
Unspecified-----080.3	28	14	---	792	886	---	762	797	---	Apr. 1
Psittacosis-----096.2	1	4	4	127	222	241	(³)	(³)	(³)	(³)
Rabies in man-----094	6 ¹	-	-	4	4	8	(³)	(³)	(³)	(³)
Typhoid fever-----040	20	25	32	939	1,185	1,616	762	928	1,304	Apr. 1
Typhus fever, endemic-----101	1	-	-	65	108	119	53	83	103	Apr. 1
Rabies in animals-----	60	69	84	4,034	3,778	4,533	364	375	468	Oct. 1

¹Data include delayed reports from Montana, Oregon, Pennsylvania, South Carolina, Washington, and West Virginia for week ended November 1. ²Reported in Arkansas. ³Data show no pronounced seasonal change in incidence. ⁴Includes 38 cases of aseptic meningitis; see footnotes to table 2. ⁵Includes revised report for one or more of the categories of poliomyelitis for Indiana.

⁶Reported in Georgia.

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

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October 18 and then decreased steadily until the current week. Results of laboratory tests have not been reported.

Ten of the 11 cases of diphtheria reported in Arkansas for the current week occurred in St. Francis County.

EPIDEMIOLOGICAL REPORTS

Rabies in man

Dr. J. E. McCroan, Georgia Department of Public Health, has reported a case of rabies in a 55-year-old white male who was bitten on the nose by a dog. The man went to a hospital clinic for treatment of the bite but did not follow instructions to report to the health department for rabies vaccine. Two weeks later, on September 27, he noticed difficulty in swallowing and on September 29 returned to the clinic but he gave an indefinite history and no diagnosis was made. The next day he returned and was hospitalized with a pronounced hydrophobia. The individual showed very little hyperactivity and required relatively little sedation—none after the first 3 days of hospitalization. Hyperimmune serum was not used and the man was not placed in a respirator. He died October 8, 25 days after being bitten. Saliva and spinal fluid specimens obtained 6 days prior to death were negative on animal inoculation. But saliva obtained 3 days before death caused symptoms and death in all of the inoculated mice by the 18th day; Negri bodies were present in brains of these mice. Brain tissue taken from the victim at autopsy showed many Negri bodies. Mice inoculated with brain tissue developed symptoms within 7 days; and submaxillary gland inoculations produced symptoms, death, and Negri bodies in mice.

Psittacosis

Information on 3 cases of psittacosis has been received from the California Department of Public Health. The first illness was in a 40-year-old man who developed symptoms of persisting weakness after a "flu-like" illness. Cough and fever were present with the original illness. Two complement fixation titers 6 weeks apart showed titers of 1:32. The man operated an aviary and had continuous exposure to pigeons, chickens, and 2 peacocks. None of the birds had been ill, and no other person who had been exposed to the birds had been ill.

Another illness occurred in a 65-year-old man, a public health sanitarian whose duties included inspecting aviaries and pet shops. During a period of about 1 month he had a fluctuating temperature ranging from 97° to 103° F. Also he was listless, had lack of appetite, and could not swallow solids for a 10-day period. Three complement fixation tests over a 25-day period gave titers of 1:64, 1:32, and 1:128 in that sequence. Specimens and carcasses of various birds were collected from an aviary and a pet shop. Some specimens were positive for psittacosis; and 11 carcasses were reported positive for psittacosis by animal inoculation tests. The remaining live birds were placed under treatment.

The third illness involved a 58-year-old woman who suffered fever, chills, and aches soon after winning a parakeet at a raffle. Complement fixation tests showed a 16-fold rise in titer over a 2-week period. A complement fixation test of a specimen from the parakeet was negative. Animal inoculation tests are underway.

Staphylococcal food poisoning

Dr. Albert E. Heustis, Commissioner of Health, Michigan Department of Health, has supplied information on an outbreak of food poisoning following a luncheon at a college. About 65

of 225 persons who attended the luncheon became ill from 3 to 5 hours after eating. Symptoms included nausea and vomiting; one person complained of dimness of vision and another of numbness of her arms. Three persons were hospitalized. The illness lasted from 24 to 48 hours. Laboratory tests of samples of some of the food items served at the luncheon revealed Staphylococcus aureus organisms present in a macaroni salad, deviled eggs, turkey meat, turkey salad, and pumpkin tarts. The turkey was considered the most likely vehicle for the infection. The turkey was purchased frozen, allowed to thaw overnight and then cooked. After cooking it was left covered but unrefrigerated overnight, then refrigerated, chopped, replaced in refrigeration again and then mixed with mayonnaise and served. One of the cooks who prepared the turkey was not well at the time. It was reported she had had some indefinite gastrointestinal upset or "flu" with abdominal cramps and diarrhea.

Information has been received from Dr. Roland R. Cross, Illinois Department of Public Health, about an outbreak of food poisoning following ingestion of baked ham prepared by a catering company. Eight persons became ill with cold sweats, cramps, vomiting, and diarrhea from 2½ to 5½ hours after eating the ham. Cultures made from the ham revealed coagulase-positive Staph. aureus. Cultures from the noses and throats of the food handlers revealed similar organisms from 4 of the individuals.

Dr. S. B. Osgood, Oregon State Board of Health, has reported an outbreak of food poisoning also related to baked ham. Three persons became ill about 4 to 5 hours after eating the ham in a restaurant. All 3 persons said they felt ill for about a week. The ham was precooked when purchased by the restaurant. It was stored in a cooler at a temperature of 35° to 40° F. for approximately 48 hours. In the morning of the day it was served the ham was heated but it was not refrigerated again before it was eaten in the evening. Coagulase-positive Staph. aureus organisms were found in a sample of the ham.

Gastro-enteritis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported an outbreak of gastro-enteritis in a labor camp. There were 33 persons ill with diarrhea, fever, nausea, and vomiting; some stools had a bloody tinge. These symptoms lasted from 24 to 36 hours. Of 10 or 12 stool specimens which were collected throughout the camp 4 showed Shigella flexneri 2a. It was reported there was considerable filth in the camp and the people were living in most unsanitary surroundings.

Soon after this outbreak occurred there was a number of cases of a similar illness reported in a nearby city. These people had had no connection with the labor camp. Three deaths in infants were reported and the families of these children all had diarrhea.

Diphtheria

The Mississippi Morbidity Report for the week ended October 31 states that in one county there were 2 deaths from diphtheria. The individuals were Negro males ages 10 and 26 years. They suffered rapidly fulminating courses of the illness; severe myocarditis developed within 2 days after onset and death occurred within 3 to 5 days. One community contact and one hospital contact have been under study.

In another county 2 cases of diphtheria have been reported. Cultures from 8 contacts were positive for diphtheria organisms and 6 of these were positive for the virulent strain.

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 NOVEMBER 9, 1957, AND NOVEMBER 8, 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		45th week		Cumulative first 45 weeks		082		45th week		Cumulative first 45 weeks	
	1958	1957	1958	1957	1958 ¹	1957	1958	1957	1958	1957	1958 ¹	1957
CONT. UNITED STATES-----	15	14	41	24	700	924	29	50	255	259	13,433	13,362
NEW ENGLAND-----	1	-	-	-	6	24	1	2	14	6	496	720
Maine-----	-	-	-	-	-	3	-	-	1	1	63	228
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	-	-	24	88
Massachusetts-----	-	-	-	-	5	21	-	-	9	-	247	212
Rhode Island-----	-	-	-	-	-	-	1	2	2	3	62	70
Connecticut-----	1	-	-	-	1	-	-	-	2	2	98	114
MIDDLE ATLANTIC-----	2	1	-	1	36	78	-	11	40	33	1,797	2,148
New York-----	2	-	-	-	16	34	-	9	30	28	1,213	1,343
New Jersey-----	-	-	-	-	3	10	-	2	4	3	144	259
Pennsylvania-----	-	1	-	1	17	34	-	-	8	2	440	546
EAST NORTH CENTRAL-----	2	6	1	1	41	46	4	4	29	93	2,232	2,339
Ohio-----	-	-	-	1	8	13	-	2	3	15	702	571
Indiana-----	-	-	-	-	18	12	3	-	-	3	198	304
Illinois-----	2	6	1	-	8	3	-	1	10	57	541	641
Michigan-----	-	-	-	-	6	16	1	1	7	13	596	589
Wisconsin-----	-	-	-	-	1	2	-	-	4	5	196	234
WEST NORTH CENTRAL-----	7	6	2	3	103	76	3	2	22	11	1,098	744
Minnesota-----	1	-	1	2	44	34	-	-	6	5	162	277
Iowa-----	3	-	-	-	14	7	2	1	4	1	188	170
Missouri-----	-	3	-	-	14	1	-	-	2	5	222	122
North Dakota-----	-	-	-	-	3	3	-	-	9	-	207	91
South Dakota-----	-	1	1	-	16	7	-	-	-	-	16	34
Nebraska-----	-	-	-	1	10	17	-	-	1	-	72	24
Kansas-----	3	2	-	-	2	7	1	1	-	-	231	26
SOUTH ATLANTIC-----	1	-	16	12	214	312	4	19	21	21	1,027	1,027
Delaware-----	-	-	-	-	-	-	-	-	1	-	51	10
Maryland-----	-	-	-	-	3	3	-	-	10	-	129	92
District of Columbia-----	-	-	-	-	2	-	-	-	-	-	18	12
Virginia-----	1	-	1	-	28	15	3	16	4	7	252	398
West Virginia-----	-	-	-	1	10	6	-	1	-	-	138	86
North Carolina-----	-	-	-	2	25	40	-	2	-	2	57	96
South Carolina-----	-	-	2	-	33	86	-	-	1	-	39	29
Georgia-----	-	-	6	8	72	88	-	-	1	4	124	118
Florida-----	-	-	7	1	41	74	1	-	4	8	219	186
EAST SOUTH CENTRAL-----	1	-	6	2	74	139	3	-	14	28	1,105	1,706
Kentucky-----	-	-	-	-	4	16	1	-	9	18	535	732
Tennessee-----	1	-	1	-	10	12	1	-	4	6	296	621
Alabama-----	-	-	2	-	33	60	1	-	1	4	192	234
Mississippi-----	-	-	3	2	27	51	-	-	-	-	82	119
WEST SOUTH CENTRAL-----	-	-	16	3	162	183	8	-	15	9	1,031	1,023
Arkansas-----	-	-	11	-	30	33	-	-	-	-	94	73
Louisiana-----	-	-	5	1	60	19	-	-	-	-	13	51
Oklahoma-----	-	-	-	1	25	21	-	-	2	-	141	119
Texas-----	-	-	-	1	47	110	8	-	13	9	783	780
MOUNTAIN-----	-	-	-	2	52	32	4	-	37	22	2,058	1,153
Montana-----	-	-	-	-	16	9	-	-	9	-	353	165
Idaho-----	-	-	-	-	2	1	-	-	-	2	160	93
Wyoming-----	-	-	-	1	2	3	-	-	2	-	18	48
Colorado-----	-	-	-	-	10	2	1	-	5	4	245	175
New Mexico-----	-	-	-	1	18	11	-	-	6	-	293	358
Arizona-----	-	-	-	-	4	4	-	-	11	14	734	231
Utah-----	-	-	-	-	-	2	3	-	4	2	154	53
Nevada-----	-	-	-	-	-	-	-	-	-	-	101	30
PACIFIC-----	1	1	-	-	12	34	2	12	63	36	2,589	2,502
Washington-----	-	-	-	-	-	23	-	-	7	7	419	345
Oregon-----	-	-	-	-	7	3	-	-	7	5	384	467
California-----	1	1	-	-	5	8	2	12	49	24	1,786	1,690
Alaska-----	-	-	-	-	-	-	-	-	-	1	79	92
Hawaii-----	-	-	-	-	-	1	-	-	-	-	58	62
Puerto Rico-----	-	-	-	-	45	53	-	-	-	-	135	154

¹Data include delayed reports from Pennsylvania, West Virginia, South Carolina, Montana, Washington, and Oregon for week ended November 1.

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 NOVEMBER 9, 1957, AND NOVEMBER 8, 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 ²				Paralytic		Nonparalytic		110-117		085	
	45th week		Cumulative first 45 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958 ¹	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	158	71	5,278	5,583	96	39	34	18	3	4	2,444	1,546
NEW ENGLAND-----	-	1	89	79	-	1	-	-	-	-	228	89
Maine-----	-	1	4	8	-	1	-	-	-	-	4	36
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	18	-
Vermont-----	-	-	7	5	-	-	-	-	-	-	31	-
Massachusetts-----	-	-	29	24	-	-	-	-	-	-	72	46
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	1	1
Connecticut-----	-	-	42	38	-	-	-	-	-	-	102	6
MIDDLE ATLANTIC-----	15	4	639	331	10	3	1	1	-	-	656	116
New York-----	6	3	266	210	3	2	1	1	-	-	82	77
New Jersey-----	4	-	276	79	2	-	-	-	-	-	132	12
Pennsylvania-----	5	1	97	42	5	1	-	-	-	-	442	27
EAST NORTH CENTRAL-----	62	23	1,916	1,493	26	10	21	5	1	-	326	336
Ohio-----	14	7	351	262	4	-	-	-	-	-	90	98
Indiana-----	4	5	123	184	3	3	1	1	-	-	60	11
Illinois-----	10	3	224	342	4	3	3	-	1	-	60	45
Michigan-----	31	7	1,161	494	12	3	17	4	-	-	57	28
Wisconsin-----	3	1	57	211	3	1	-	-	-	-	59	154
WEST NORTH CENTRAL-----	15	2	344	440	10	-	1	2	-	-	146	31
Minnesota-----	1	-	28	51	1	-	-	-	-	-	1	3
Iowa-----	2	1	62	82	1	-	1	1	-	-	47	1
Missouri-----	7	1	140	117	7	-	-	1	-	-	11	8
North Dakota-----	1	-	41	11	1	-	-	-	-	-	81	14
South Dakota-----	4	-	12	39	-	-	-	-	-	-	2	5
Nebraska-----	-	-	30	76	-	-	-	-	-	-	4	-
Kansas-----	-	-	31	64	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	14	4	767	792	10	2	-	-	1	-	242	323
Delaware-----	1	-	22	5	1	-	-	-	-	-	-	2
Maryland-----	-	-	19	25	-	-	-	-	-	-	24	53
District of Columbia-----	-	-	5	64	-	-	-	-	-	-	1	6
Virginia-----	3	-	135	106	3	-	-	-	-	-	50	10
West Virginia-----	3	-	177	47	3	-	-	-	-	-	111	210
North Carolina-----	2	-	103	212	2	-	-	-	1	-	9	5
South Carolina-----	2	1	25	126	1	1	-	-	-	-	1	27
Georgia-----	-	2	52	80	-	1	-	-	-	-	12	4
Florida-----	3	1	229	127	-	-	-	-	-	-	34	6
EAST SOUTH CENTRAL-----	15	9	323	391	11	3	4	3	-	1	98	67
Kentucky-----	2	4	64	105	2	2	-	2	-	1	15	20
Tennessee-----	5	2	104	144	4	1	1	1	-	-	70	39
Alabama-----	5	3	42	47	4	-	1	-	-	-	6	7
Mississippi-----	3	-	113	95	1	-	2	-	-	-	7	1
WEST SOUTH CENTRAL-----	13	11	659	1,047	8	9	5	2	-	1	116	132
Arkansas-----	1	-	23	55	1	-	-	-	-	1	4	-
Louisiana-----	-	5	76	176	-	4	-	1	-	-	6	11
Oklahoma-----	2	1	56	120	2	1	-	-	-	-	9	4
Texas-----	10	5	504	696	5	4	5	1	-	-	97	117
MOUNTAIN-----	3	3	188	234	2	2	-	-	-	-	277	207
Montana-----	-	-	63	12	-	-	-	-	-	-	152	63
Idaho-----	-	-	12	25	-	-	-	-	-	-	-	30
Wyoming-----	-	-	10	13	-	-	-	-	-	-	-	1
Colorado-----	1	1	19	45	1	1	-	-	-	-	77	14
New Mexico-----	1	-	35	48	-	-	-	-	-	-	15	46
Arizona-----	1	1	33	55	1	1	-	-	-	-	21	6
Utah-----	-	1	11	32	-	-	-	-	-	-	12	45
Nevada-----	-	-	5	4	-	-	-	-	-	-	-	2
PACIFIC-----	21	14	353	776	19	9	2	5	1	2	355	245
Washington-----	-	3	33	17	-	2	-	1	-	-	61	115
Oregon-----	-	1	38	43	-	-	-	1	-	-	66	47
California-----	21	10	282	716	19	7	2	3	1	2	228	83
Alaska-----	-	-	2	3	-	-	-	-	-	-	8	-
Hawaii-----	-	-	75	9	-	-	-	-	-	-	11	-
Puerto Rico-----	1	2	55	33	1	1	-	1	-	-	96	24

¹Data include delayed reports from Pennsylvania, West Virginia, South Carolina, Montana, Washington, and Oregon for week ended November 1.

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

³Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

Morbidity and Mortality Weekly Report

5

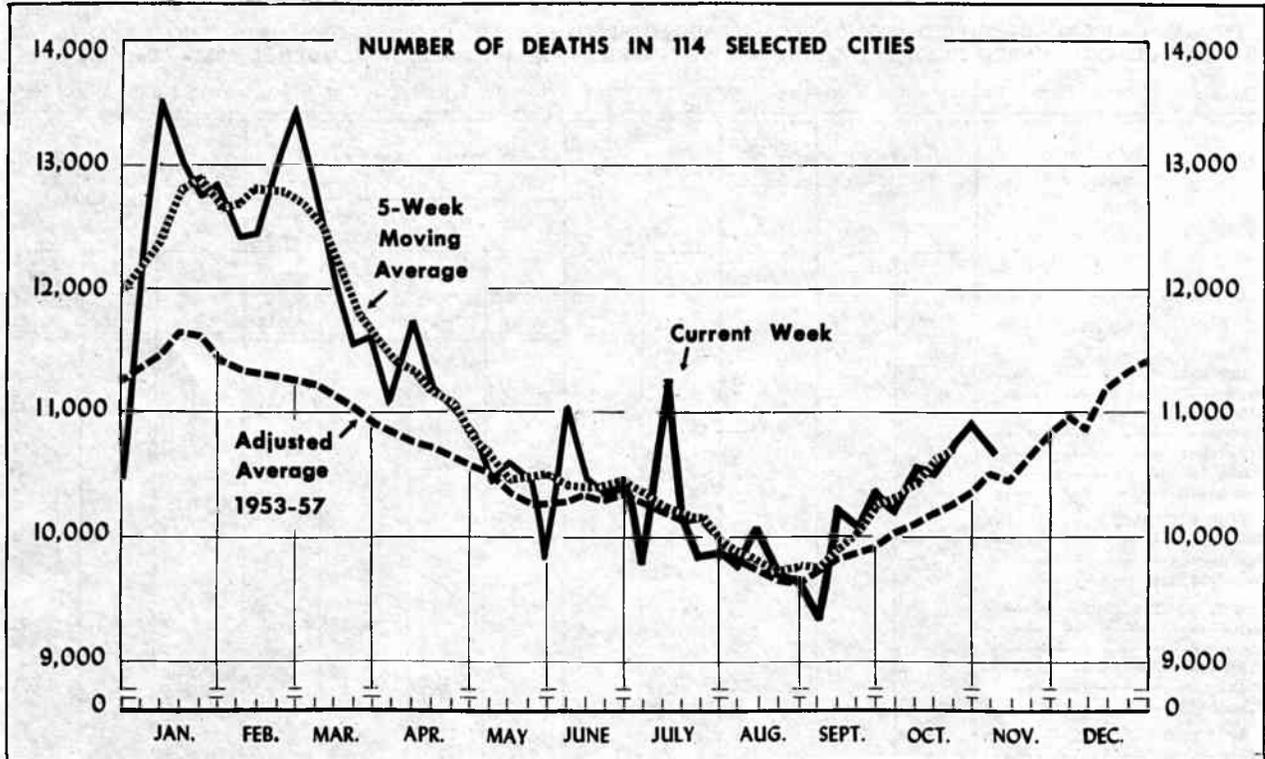
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 9, 1957, AND NOVEMBER 8, 1958—Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER 340	PSITTACOSIS 096.2		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
	057			1958	1957	45th week		Cumulative first 45 weeks			1958	1958
	1958	1957	1958			1957	1958 ¹	1957	1958	1957		
CONT. UNITED STATES-----	32	69	92	1	4	20	25	939	1,185	1	60	69
NEW ENGLAND-----	2	8	4	-	-	-	-	19	24	-	-	-
Maine-----	-	-	-	-	-	-	-	2	2	-	-	-
New Hampshire-----	-	2	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	4	4	-	-	-	-	9	12	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	1	5	-	-	-
Connecticut-----	-	2	-	-	-	-	-	6	3	-	-	-
MIDDLE ATLANTIC-----	5	14	-	-	-	2	3	100	137	-	7	3
New York-----	2	7	-	-	-	1	3	33	55	-	6	3
New Jersey-----	-	3	-	-	-	1	-	19	19	-	-	-
Pennsylvania-----	3	4	-	-	-	-	-	48	63	-	1	-
EAST NORTH CENTRAL-----	6	13	16	-	1	3	5	98	170	-	6	16
Ohio-----	-	3	-	-	-	1	1	37	63	-	-	11
Indiana-----	-	2	5	-	-	1	-	16	59	-	4	-
Illinois-----	1	1	10	-	-	-	-	22	20	-	-	1
Michigan-----	5	7	1	-	1	-	2	13	14	-	-	1
Wisconsin-----	-	-	-	-	-	1	2	10	14	-	2	3
WEST NORTH CENTRAL-----	3	1	2	-	1	1	2	76	85	-	11	12
Minnesota-----	3	1	1	-	1	-	-	3	5	-	4	7
Iowa-----	-	-	1	-	-	-	-	16	22	-	5	2
Missouri-----	-	-	-	-	-	1	1	35	43	-	2	-
North Dakota-----	-	-	-	-	-	-	-	2	2	-	-	-
South Dakota-----	-	-	-	-	-	-	1	7	7	-	-	-
Nebraska-----	-	-	-	-	-	-	-	2	-	-	-	3
Kansas-----	-	-	-	-	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	4	10	17	-	1	2	4	160	215	-	3	18
Delaware-----	1	-	1	-	-	-	-	5	1	-	-	-
Maryland-----	1	2	1	-	-	-	1	11	10	-	-	-
District of Columbia-----	-	1	1	-	-	-	-	6	9	-	-	-
Virginia-----	-	-	7	-	-	-	1	35	39	-	3	12
West Virginia-----	1	1	1	-	-	-	-	20	50	-	-	1
North Carolina-----	1	4	-	-	-	1	-	18	14	-	-	-
South Carolina-----	-	-	-	-	-	1	-	12	20	-	-	1
Georgia-----	-	2	2	-	1	-	-	31	30	-	-	3
Florida-----	-	-	⁴ 4	-	-	-	2	22	42	-	-	1
EAST SOUTH CENTRAL-----	2	6	3	-	-	-	-	111	168	-	22	8
Kentucky-----	-	2	-	-	-	-	-	31	54	-	11	6
Tennessee-----	-	2	2	-	-	-	-	33	64	-	5	2
Alabama-----	1	1	-	-	-	-	-	19	12	-	6	-
Mississippi-----	1	1	1	-	-	-	-	28	38	-	-	-
WEST SOUTH CENTRAL-----	1	7	5	-	-	6	6	223	240	1	10	7
Arkansas-----	-	1	-	-	-	-	2	27	41	-	2	3
Louisiana-----	-	2	-	-	-	3	2	82	57	1	-	1
Oklahoma-----	-	1	5	-	-	1	-	11	26	-	-	-
Texas-----	1	3	-	-	-	2	2	103	116	-	8	3
MOUNTAIN-----	3	1	4	-	-	-	2	70	51	-	-	1
Montana-----	-	-	2	-	-	-	-	4	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	6	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	3	2	-	-	-
Colorado-----	1	-	1	-	-	-	-	8	11	-	-	-
New Mexico-----	-	1	1	-	-	-	2	30	19	-	-	-
Arizona-----	2	-	-	-	-	-	-	11	9	-	-	1
Utah-----	-	-	-	-	-	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	6	9	41	1	1	6	3	82	95	-	1	4
Washington-----	1	2	3	-	-	-	1	3	7	-	-	-
Oregon-----	2	-	2	-	-	-	-	12	5	-	-	-
California-----	3	7	⁵ 36	1	1	6	2	67	83	-	1	4
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	1	-	1	-	-	-	-	24	17	-	-	1

¹Data include delayed reports from Pennsylvania, West Virginia, South Carolina, Montana, Washington, and Oregon for week ended November 1. ⁴Includes 2 cases of aseptic meningitis. ⁵Aseptic 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	45th week ended Nov. 8, 1958	44th week ended Nov. 1, 1958	Adjusted average, 45th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 45 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	¹ 10,673	10,956	10,502	+1.6	¹ 497,142	488,880	+1.7
New England----- (14 cities)	1,664	706	700	-5.1	¹ 31,432	31,303	+0.4
Middle Atlantic----- (20 cities)	3,042	3,135	3,145	-3.3	143,397	142,253	+0.8
East North Central----- (19 cities)	2,286	2,259	2,285	+0.0	106,120	105,859	+0.2
West North Central----- (9 cities)	761	850	752	+1.2	35,129	34,850	+0.8
South Atlantic----- (11 cities)	876	902	872	+0.5	42,944	41,137	+4.4
East South Central----- (8 cities)	516	526	460	+12.2	23,111	21,840	+5.8
West South Central----- (13 cities)	933	940	813	+14.8	42,275	40,658	+4.0
Mountain----- (8 cities)	303	283	247	+22.7	13,285	12,235	+8.6
Pacific----- (12 cities)	1,292	1,355	1,266	+2.1	59,449	58,745	+1.2

¹Includes estimate for missing city.

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

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

AREA	45th week ended Nov. 8, 1958	44th week ended Nov. 1, 1958	CUMULATIVE NUMBER FIRST 45 WEEKS		AREA	45th week ended Nov. 8, 1958	44th week ended Nov. 1, 1958	CUMULATIVE NUMBER FIRST 45 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	1220	265	210,789	10,595	St. Louis, Mo.-----	255	265	10,965	10,806
Bridgeport, Conn.-----	18	49	1,677	1,724	St. Paul, Minn.-----	56	66	3,175	2,955
Cambridge, Mass.-----	36	17	1,281	1,321	Wichita, Kans.-----	49	42	2,019	1,976
Fall River, Mass.-----	22	36	1,227	1,219	SOUTH ATLANTIC:				
Hartford, Conn.-----	56	45	2,256	2,239	Atlanta, Ga.-----	120	113	4,939	4,948
Lowell, Mass.-----	24	20	1,150	1,242	Baltimore, Md.-----	212	228	11,001	10,767
Lynn, Mass.-----	20	15	999	957	Charlotte, N. C.-----	33	40	1,567	1,503
New Bedford, Mass.-----	22	20	1,041	1,095	Jacksonville, Fla.-----	57	68	2,658	2,437
New Haven, Conn.-----	53	45	2,052	2,087	Miami, Fla.-----	63	77	3,184	2,290
Providence, R. I.-----	63	69	2,882	2,787	Norfolk, Va.-----	43	31	1,587	1,641
Somerville, Mass.-----	14	12	633	591	Richmond, Va.-----	67	60	3,348	3,378
Springfield, Mass.-----	42	38	1,888	1,899	Savannah, Ga.-----	24	31	1,455	1,341
Waterbury, Conn.-----	34	21	1,181	1,128	St. Petersburg, Fla.-----	(69)	(45)	(2,851)	---
Worcester, Mass.-----	40	54	2,376	2,419	Tampa, Fla.-----	36	47	2,876	2,762
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	45	48	2,201	2,203	Birmingham, Ala.-----	87	100	3,887	3,558
Allentown, Pa.-----	30	38	1,455	1,741	Chattanooga, Tenn.-----	33	44	2,116	2,055
Buffalo, N. Y.-----	128	135	6,670	6,423	Knoxville, Tenn.-----	27	28	1,218	1,220
Camden, N. J.-----	43	39	1,871	1,808	Louisville, Ky.-----	96	92	4,878	4,763
Elizabeth, N. J.-----	16	32	1,321	1,278	Memphis, Tenn.-----	128	124	5,166	4,820
Erie, Pa.-----	43	38	1,602	1,616	Mobile, Ala.-----	38	35	1,698	1,637
Jersey City, N. J.-----	65	68	3,135	3,064	Montgomery, Ala.-----	45	30	1,514	1,180
Newark, N. J.-----	94	75	4,252	4,652	Nashville, Tenn.-----	62	73	2,634	2,607
New York City, N. Y.-----	1,595	1,624	72,641	72,077	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	44	35	1,832	1,762	Austin, Tex.-----	26	29	1,443	1,313
Philadelphia, Pa.-----	483	469	22,448	21,706	Baton Rouge, La.-----	15	20	1,248	1,109
Pittsburgh, Pa.-----	150	167	8,453	8,284	Corpus Christi, Tex.-----	24	11	937	961
Reading, Pa.-----	15	25	951	1,057	Dallas, Tex.-----	120	118	5,145	4,924
Rochester, N. Y.-----	98	102	4,549	4,423	El Paso, Tex.-----	56	35	1,629	1,409
Schenectady, N. Y.-----	18	30	1,010	1,061	Fort Worth, Tex.-----	50	72	2,700	2,815
Scranton, Pa.-----	39	41	1,557	1,680	Houston, Tex.-----	143	168	7,092	6,751
Syracuse, N. Y.-----	60	58	2,795	2,660	Little Rock, Ark.-----	52	60	2,455	2,352
Trenton, N. J.-----	25	57	2,072	2,031	New Orleans, La.-----	165	150	7,806	7,748
Utica, N. Y.-----	23	29	1,213	1,404	Oklahoma City, Okla.-----	68	58	3,032	2,779
Yonkers, N. Y.-----	28	25	1,369	1,323	San Antonio, Tex.-----	97	97	4,345	4,300
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	68	38	2,533	2,468	Albuquerque, N. Mex.-----	29	26	1,261	1,164
Canton, Ohio-----	28	29	1,390	1,402	Colorado Springs, Colo.-----	17	23	678	611
Chicago, Ill.-----	739	712	33,735	34,235	Denver, Colo.-----	126	113	5,046	4,999
Cincinnati, Ohio-----	149	155	7,205	6,870	Ogden, Utah-----	11	15	661	568
Cleveland, Ohio-----	213	169	9,298	9,365	Phoenix, Ariz.-----	38	43	1,990	1,404
Columbus, Ohio-----	100	122	5,156	5,063	Pueblo, Colo.-----	10	12	580	571
Dayton, Ohio-----	52	75	3,225	3,238	Salt Lake City, Utah-----	51	42	2,154	2,016
Detroit, Mich.-----	318	332	14,294	14,648	Tucson, Ariz.-----	21	9	915	902
Evansville, Ind.-----	25	41	1,724	1,474	PACIFIC:				
Flint, Mich.-----	35	41	1,679	1,682	Berkeley, Calif.-----	21	21	842	878
Fort Wayne, Ind.-----	45	31	1,554	1,607	Fresno, Calif.-----	(52)	(49)	(1,777)	---
Gary, Ind.-----	22	20	1,399	1,314	Glendale, Calif.-----	(25)	(34)	(1,485)	---
Grand Rapids, Mich.-----	38	39	1,836	1,825	Long Beach, Calif.-----	53	62	2,475	2,409
Indianapolis, Ind.-----	136	121	5,825	5,441	Los Angeles, Calif.-----	475	466	21,603	21,209
Madison, Wis.-----	(23)	(40)	(1,453)	(1,449)	Oakland, Calif.-----	75	91	4,161	4,255
Milwaukee, Wis.-----	117	135	5,884	5,894	Pasadena, Calif.-----	30	30	1,554	1,558
Peoria, Ill.-----	18	30	1,422	1,351	Portland, Oreg.-----	112	117	4,472	4,361
Rockford, Ill.-----	(37)	(28)	(1,177)	(1,175)	Sacramento, Calif.-----	42	57	2,329	2,300
South Bend, Ind.-----	28	25	1,197	1,182	San Diego, Calif.-----	81	83	3,682	3,538
Toledo, Ohio-----	91	101	4,404	4,267	San Francisco, Calif.-----	186	203	8,464	8,539
Youngstown, Ohio-----	64	43	2,360	2,533	San Jose, Calif.-----	(16)	(23)	(1,013)	---
WEST NORTH CENTRAL:					HONOLULU, HAWAII:				
Des Moines, Iowa-----	55	56	2,440	2,506	Seattle, Wash.-----	150	117	6,048	5,872
Duluth, Minn.-----	24	34	1,115	1,184	Spokane, Wash.-----	33	49	2,050	2,078
Kansas City, Kans.-----	29	57	1,260	1,299	Tacoma, Wash.-----	34	59	1,769	1,748
Kansas City, Mo.-----	119	143	5,436	5,341	HONOLULU, HAWAII:				
Lincoln, Nebr.-----	(22)	(16)	(1,110)	---	Honolulu, Hawaii-----	(37)	(30)	(1,640)	(1,714)
Minneapolis, Minn.-----	112	110	5,618	5,702					
Omaha, Nebr.-----	62	77	3,101	3,081					

¹Estimated.

²Includes estimate for current week.

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

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

So far this year 20 cases of diphtheria have occurred in the State. These were scattered over 13 counties. About 40 percent of the cases were in white persons; 70 percent in males. It is reported 54 percent had received no vaccine. Two mild cases occurred in persons who were considered adequately immunized. There have been 3 deaths from diphtheria; 3 other cases were rated as severe and the rest as mild.

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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