

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 15, 1958

The number of cases of poliomyelitis reported for the current week is 162 of which 106 were paralytic and 37 nonparalytic. This is an increase over the revised number reported the previous week—156 total cases including 95 paralytic and 33 nonparalytic. The 106 paralytic cases this week is almost 4 times the 27 cases reported the week ended November 16, 1957, but somewhat less than the 117 paralytic cases reported for the comparable week in 1956.

Texas and California were the only States which reported more than 7 paralytic cases for the current week; Texas had 19 and California 11. Only 1 paralytic case was reported in the New England States and 1 in the Mountain States.

The North Carolina State Board of Health has reported a case of botulism in a 63-year-old white woman. Investigation has not clearly implicated any particular food item as the source of the toxin.

The 9 cases of encephalitis reported in Kansas for the current week represent 7 cases of St. Louis and 2 cases of western equine encephalitis.

EPIDEMIOLOGICAL REPORTS

Rabies in man

Dr. Paul R. Schnurrenberger, Ohio Department of Health, has supplied information on a case of rabies in a 10-year-old boy. The source of infection is unknown. The first signs of illness were noted on September 11 by the boy's teacher who said he appeared inattentive, tired, and pallid in school that day. On September 16 the boy experienced vomiting and severe gastro-intestinal discomfort while in school. It was thought this was the result of a football injury sustained the previous

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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	46th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 15, 1958	Ended Nov. 16, 1957	Median 1953-57	First 46 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	13	18	26	(1)	(1)	(1)	(1)
Botulism-----049.1	21	-	-	4	11	12	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	7	13	22	719	843	1,164	(1)	(1)	(1)	(1)
Diphtheria-----065	28	48	67	728	972	1,583	378	508	841	July 1
Encephalitis, infectious-----082	58	29	26	2,129	1,692	1,692	1,520	1,132	1,132	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	334	165	339	13,767	13,527	28,465	3,172	2,517	4,874	Sept. 1
Malaria-----110-117	-	1	8	67	141	432	(1)	(1)	(1)	(1)
Measles-----085	2,936	1,718	1,718	729,382	462,345	536,952	19,019	12,691	12,691	Sept. 1
Meningococcal infections-----067	46	70	61	2,294	2,245	3,096	522	560	560	Sept. 1
Meningitis, other-----340	3123	54	---	3,890	2,116	---	---	---	---	---
Poliomyelitis-----080	162	47	467	45,433	5,630	27,709	45,214	5,104	26,558	Apr. 1
Paralytic-----080.0,080.1	106	27	---	2,722	2,007	---	2,601	1,733	---	Apr. 1
Nonparalytic-----080.2	37	8	---	1,904	2,725	---	1,836	2,562	---	Apr. 1
Unspecified-----080.3	19	12	---	807	898	---	777	809	---	Apr. 1
Psittacosis-----096.2	1	4	2	128	226	243	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	4	4	8	(1)	(1)	(1)	(1)
Typhoid fever-----040	22	25	26	961	1,210	1,642	784	953	1,330	Apr. 1
Typhus fever, endemic-----101	-	-	2	65	108	120	53	83	104	Apr. 1
Rabies in animals-----	69	48	65	4,103	3,826	4,598	433	423	533	Oct. 1

¹Data show no pronounced seasonal change in incidence.
meningitis; see footnotes to table 2.

²Reported in North Carolina.

³Includes 49 cases of aseptic
⁴Includes revised report for one or more of the categories of poliomyelitis for Indiana and Kentucky.

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

EPIDEMIOLOGICAL REPORTS—Continued

day. The next day he suffered respiratory difficulty and was seen by a physician. That evening his parents noted his eyes had a glassy appearance. His condition then improved and he delivered newspapers on his regular route for 2 days although he felt weak, had poor appetite, and had difficulty in swallowing. Early in the morning of September 20, the boy's father found him in the yard where the boy said he was "hunting bears." Upon admission to a hospital where a tentative diagnosis of brain tumor was made, the boy was delirious and had a series of gagging and vomiting spells, followed by cessation of breathing, a drop in blood pressure, and death. The brain was received by the Ohio Department of Health laboratories on October 2 for poliomyelitis and encephalitis studies. The following day inoculations were made into tissue culture, eggs, and 5 mice. Eleven days later 1 mouse developed paralysis and died. Since 2 other mice were showing signs suggestive of rabies, the brain of the first mouse was passed into eggs and mice. Negri bodies were seen in the mouse brain October 14th. The original slides of brain tissue made at the hospital were then reviewed and Negri bodies seen. (Determination of the etiologic agents in this case was due to the thoroughness of the State laboratory staff in carrying out diagnostic tests.)

It was reported that the family dog developed a paralysis on September 7 and began snapping. A clinical diagnosis of rabies was made, but examination of the brain after the dog died 2 days later, and inoculations of mice gave results negative for rabies. The boy had been in contact with this dog but not bitten. He vacationed with his family in Michigan and also visited at his grandfather's farm in Ohio but there was only limited contact with animals at both places. It was reported he had been knocked from his bicycle by a neighbor's dog but there was no record of any bite. This dog and other dogs to which he might have been exposed have remained well. Saliva specimens are being examined. The physician who first treated the boy stated he had noticed no lesions during a thorough examination. Three cases of animal rabies have been recorded since November 1957 in the boy's home county.

Leptospirosis

Dr. Schnurrenberger has reported also a case of leptospirosis in a 53-year-old white grain farmer and schoolbus driver. Initial symptoms included headache, weakness, general malaise, and myalgia, with a temperature of 101° F. The illness was first diagnosed as influenza. Four days later when admitted to a hospital he was described as acutely ill with cold, clammy skin, jaundice, injected conjunctivae, a tender palpable liver, and low blood pressure. Stools were dark green in color and urine was dark and scanty. He died 10 days after onset of the illness. Autopsy findings supported a clinical diagnosis of Weil's disease. Laboratory tests 3 days apart were negative for *Leptospira pomona*; rose from negative to a titer of 1:128 for *L. canicola*; and showed a rise in titer from 1:128 to 1:1024 for *L. icterohaemorrhagiae*.

Several days before onset of the illness the man killed a rat at his home and handled it with his bare hands; he was not bitten. Several weeks before onset the family dog became ill and the man cared for it closely. Laboratory tests of blood specimens from the dog were negative for *L. pomona* and *L. canicola* but showed a titer of 1:1024 for *L. icterohaemorrhagiae*. No other animals were kept by the man but he had some ducks. There was no illness in other members of the family. A slaughterhouse located 200 yards from the home showed some signs of rat infestation.

Anthrax

Dr. A. M. Washburn, Arkansas State Board of Health, has reported 2 cases of anthrax in children. Both children recovered under antibiotic therapy. One case was in a 13-year-old boy who suffered a typical clinical infection of anthrax although *Bacillus anthracis* was not isolated. The boy's horse died about the same time this infection was noted.

The other case was in a 5-year-old Negro girl who exhibited the typical anthrax eschar on the cheek. Anthrax organisms were demonstrated in specimens from the lesion. The girl had a history of an insect bite, probably mosquito. Horses and mules had died of anthrax in this area but none in the past 2 months.

Seven cases of human anthrax have been reported in Arkansas so far this year. Four of these were in children and 3 in adults.

Psittacosis

Dr. John Mason, New Mexico Department of Public Health, has reported an outbreak of psittacosis in a flock of 9-week-old turkey poults during August and September. About 300 turkeys out of a flock of 2,000 died during the outbreak; at the height of the outbreak, 15 to 20 birds died per day. Mortality stopped entirely after the feeding of antibiotics was begun. Turkeys submitted for post-mortem laboratory examination showed gross lesions; and inoculation of tissue material into chick embryos resulted in death of the embryos, with typical lesions present. Microscopic examination of smears made from the chorioallantoic membranes and stained with Geimsa revealed typical inclusion bodies.

This is the first outbreak of psittacosis in turkeys reported in New Mexico. The turkeys were purchased when a day old from hatcheries in Texas. Investigation of the source of the infection is still under way. No illness in human contacts of the flock has been reported.

Diphtheria

Information has also been received from Dr. Mason, New Mexico Department of Public Health, that 20 laboratory confirmed cases of diphtheria have been reported in the city of Albuquerque since January 1, 1957. Twelve of these cases occurred during 1958. The incidence was concentrated mainly in sections of the city where there was an outbreak of 15 cases of diphtheria in 1956. All but 1 of the illnesses have been caused by *Corynebacterium diphtheriae*, *gravis* type. Fourteen of the cases were in females. The ages of the individuals ranged from 1 year to 54 years; 8 were 20 years old or older. It was reported that 14 persons had never been immunized against diphtheria and 4 had been incompletely immunized. The immunization status of 2 persons was not known. There were no deaths but at least 1 person suffered some myocardial damage.

Typhoid fever

Preliminary information has been received from the California State Department of Public Health about an outbreak of typhoid fever in Los Angeles. So far there have been 18 diagnosed cases and 12 suspect cases reported. The outbreak has been traced to a single source. Further investigation is under way.

Staphylococcal food poisoning

Information has been received from the Mississippi

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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 NOVEMBER 16, 1957, AND NOVEMBER 15, 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		46th week		Cumulative first 46 weeks		082		46th week		Cumulative first 46 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	7	13	28	48	728	972	58	29	334	165	13,767	13,527
NEW ENGLAND-----	-	-	-	-	6	24	3	1	28	6	524	726
Maine-----	-	-	-	-	-	3	-	-	2	2	65	230
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	2	-	26	88
Massachusetts-----	-	-	-	-	5	21	1	1	18	2	265	214
Rhode Island-----	-	-	-	-	-	-	1	-	4	-	66	70
Connecticut-----	-	-	-	-	1	-	1	-	2	2	100	116
MIDDLE ATLANTIC-----	-	-	-	5	36	83	3	6	48	26	1,845	2,174
New York-----	-	-	-	3	16	37	-	4	33	18	1,246	1,361
New Jersey-----	-	-	-	-	3	10	1	-	5	4	149	263
Pennsylvania-----	-	-	-	2	17	36	2	2	10	4	450	550
EAST NORTH CENTRAL-----	1	2	1	-	42	46	12	7	40	38	2,272	2,377
Ohio-----	-	-	-	-	8	13	7	1	12	6	714	577
Indiana-----	-	-	-	-	18	12	2	1	2	3	200	307
Illinois-----	1	1	1	-	9	3	2	2	8	22	549	663
Michigan-----	-	-	-	-	6	16	1	2	10	6	606	595
Wisconsin-----	-	1	-	-	1	2	-	1	8	1	203	235
WEST NORTH CENTRAL-----	3	4	3	-	106	76	12	2	29	1	1,127	745
Minnesota-----	-	-	2	-	46	34	-	-	7	1	169	278
Iowa-----	3	2	-	-	14	7	-	-	2	-	190	170
Missouri-----	-	-	-	-	14	1	-	1	5	-	227	122
North Dakota-----	-	-	-	-	3	3	1	-	5	-	212	91
South Dakota-----	-	1	1	-	17	7	2	-	-	-	16	34
Nebraska-----	-	-	-	-	10	17	-	1	7	-	79	24
Kansas-----	-	1	-	-	2	7	9	-	3	-	234	26
SOUTH ATLANTIC-----	1	6	15	29	229	341	2	4	26	21	1,053	1,048
Delaware-----	-	-	-	-	-	-	-	-	1	-	52	10
Maryland-----	-	-	-	-	3	3	-	-	10	-	139	92
District of Columbia-----	-	-	-	-	2	-	-	-	1	-	19	12
Virginia-----	-	-	1	1	29	16	1	1	2	6	254	404
West Virginia-----	-	-	-	3	10	9	-	-	1	1	139	87
North Carolina-----	-	-	2	4	27	44	-	2	1	6	58	102
South Carolina-----	-	2	3	7	36	93	-	-	-	1	39	30
Georgia-----	1	-	6	10	78	98	-	1	8	5	132	123
Florida-----	-	4	3	4	44	78	1	-	2	2	221	188
EAST SOUTH CENTRAL-----	1	-	3	4	77	143	-	1	18	17	1,123	1,723
Kentucky-----	-	-	-	-	4	16	-	-	8	6	543	738
Tennessee-----	1	-	-	-	10	12	-	-	6	6	302	627
Alabama-----	-	-	2	2	35	62	-	1	3	3	195	237
Mississippi-----	-	-	1	2	28	53	-	-	1	2	83	121
WEST SOUTH CENTRAL-----	-	-	4	8	166	191	17	3	19	12	1,050	1,035
Arkansas-----	-	-	2	1	32	34	-	-	2	1	96	74
Louisiana-----	-	-	2	4	62	23	-	1	-	-	13	51
Oklahoma-----	-	-	-	2	25	23	-	2	3	2	144	121
Texas-----	-	-	1	47	47	111	17	-	14	9	797	789
MOUNTAIN-----	-	-	1	2	53	34	-	-	67	14	2,125	1,167
Montana-----	-	-	-	-	16	9	-	-	5	5	358	170
Idaho-----	-	-	-	-	2	1	-	-	11	-	171	93
Wyoming-----	-	-	-	2	2	5	-	-	-	1	18	49
Colorado-----	-	-	1	-	11	2	-	-	17	-	262	175
New Mexico-----	-	-	-	-	18	11	-	-	5	5	298	363
Arizona-----	-	-	-	-	4	4	-	-	17	1	751	232
Utah-----	-	-	-	-	-	2	-	-	12	2	166	55
Nevada-----	-	-	-	-	-	-	-	-	-	-	101	30
PACIFIC-----	1	1	1	-	13	34	9	5	59	30	2,648	2,532
Washington-----	-	-	-	-	-	23	2	-	4	6	423	351
Oregon-----	-	-	1	-	8	3	-	-	11	10	395	477
California-----	1	1	-	-	5	8	7	5	44	14	1,830	1,704
Alaska-----	-	-	-	-	-	-	-	-	-	4	79	96
Hawaii-----	-	-	-	-	-	1	-	-	-	-	58	62
Puerto Rico-----	-	-	1	6	46	59	-	-	2	-	137	154

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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 NOVEMBER 16, 1957, AND NOVEMBER 15, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	46th week		Cumulative first 46 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-----	162	47	5,433	5,630	106	27	37	8	-	1	2,936	1,718
NEW ENGLAND-----	1	-	90	79	1	-	-	-	-	-	252	125
Maine-----	-	-	4	8	-	-	-	-	-	-	15	51
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	30	10
Vermont-----	-	-	7	5	-	-	-	-	-	-	58	-
Massachusetts-----	1	-	30	24	1	-	-	-	-	-	72	59
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	2	-
Connecticut-----	-	-	42	38	-	-	-	-	-	-	75	5
MIDDLE ATLANTIC-----	15	1	654	332	10	1	2	-	-	-	769	160
New York-----	8	-	274	210	6	-	2	-	-	-	55	136
New Jersey-----	1	-	277	79	-	-	-	-	-	-	98	7
Pennsylvania-----	6	1	103	43	4	1	-	-	-	-	616	17
EAST NORTH CENTRAL-----	45	7	1,957	1,500	20	3	14	3	-	-	388	298
Ohio-----	17	-	368	262	6	-	3	-	-	-	86	38
Indiana-----	4	2	2123	186	3	1	-	-	-	-	111	8
Illinois-----	3	-	227	342	2	-	-	-	-	-	54	33
Michigan-----	18	5	1,179	499	7	2	10	3	-	-	71	31
Wisconsin-----	3	-	60	211	2	-	1	-	-	-	66	188
WEST NORTH CENTRAL-----	16	6	360	446	11	4	4	2	-	-	245	36
Minnesota-----	2	-	30	51	2	-	-	-	-	-	6	4
Iowa-----	1	1	63	83	1	1	-	-	-	-	113	2
Missouri-----	8	3	148	120	7	2	1	1	-	-	15	8
North Dakota-----	-	-	41	11	-	-	-	-	-	-	107	22
South Dakota-----	1	1	13	40	-	-	-	1	-	-	2	-
Nebraska-----	4	1	34	77	1	1	3	-	-	-	2	-
Kansas-----	-	-	31	64	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	27	9	794	801	18	6	9	1	-	-	334	425
Delaware-----	1	-	23	5	1	-	-	-	-	-	5	-
Maryland-----	4	-	23	25	2	-	2	-	-	-	35	59
District of Columbia-----	-	1	5	65	-	1	-	-	-	-	-	8
Virginia-----	5	-	140	106	4	-	1	-	-	-	53	33
West Virginia-----	12	2	189	49	6	2	6	-	-	-	157	248
North Carolina-----	1	1	104	213	1	1	-	-	-	-	22	5
South Carolina-----	1	-	26	126	1	-	-	-	-	-	-	16
Georgia-----	2	2	54	82	2	1	-	-	-	-	46	40
Florida-----	1	3	230	130	1	1	-	1	-	-	16	16
EAST SOUTH CENTRAL-----	16	8	336	399	13	1	3	-	-	-	62	101
Kentucky-----	6	3	267	108	6	1	-	-	-	-	-	23
Tennessee-----	4	-	108	144	2	-	2	-	-	-	51	44
Alabama-----	6	3	48	50	5	-	1	-	-	-	10	32
Mississippi-----	-	2	113	97	-	-	-	-	-	-	1	2
WEST SOUTH CENTRAL-----	25	7	684	1,054	21	6	4	1	-	-	134	108
Arkansas-----	2	-	25	55	2	-	-	-	-	-	2	1
Louisiana-----	-	2	76	178	-	1	-	1	-	-	1	3
Oklahoma-----	-	1	56	121	-	1	-	-	-	-	1	16
Texas-----	23	4	527	700	19	4	4	-	-	-	130	88
MOUNTAIN-----	5	3	193	237	1	1	-	-	-	-	438	124
Montana-----	1	-	64	12	-	-	-	-	-	-	226	43
Idaho-----	-	-	12	25	-	-	-	-	-	-	5	6
Wyoming-----	2	-	12	13	-	-	-	-	-	-	2	-
Colorado-----	1	2	20	47	1	1	-	-	-	-	148	14
New Mexico-----	1	1	36	49	-	-	-	-	-	-	11	36
Arizona-----	-	-	33	55	-	-	-	-	-	-	28	15
Utah-----	-	-	11	32	-	-	-	-	-	-	18	10
Nevada-----	-	-	5	4	-	-	-	-	-	-	-	-
PACIFIC-----	12	6	365	782	11	5	1	1	-	1	314	341
Washington-----	-	-	33	17	-	-	-	-	-	-	64	148
Oregon-----	-	1	38	44	-	-	-	1	-	-	87	95
California-----	12	5	294	721	11	5	1	-	-	1	163	98
Alaska-----	-	-	2	3	-	-	-	-	-	-	72	11
Hawaii-----	-	-	75	9	-	-	-	-	-	-	10	1
Puerto Rico-----	-	-	55	33	-	-	-	-	-	-	89	20

¹Includes cases not specified by type, category number 080.3.²Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

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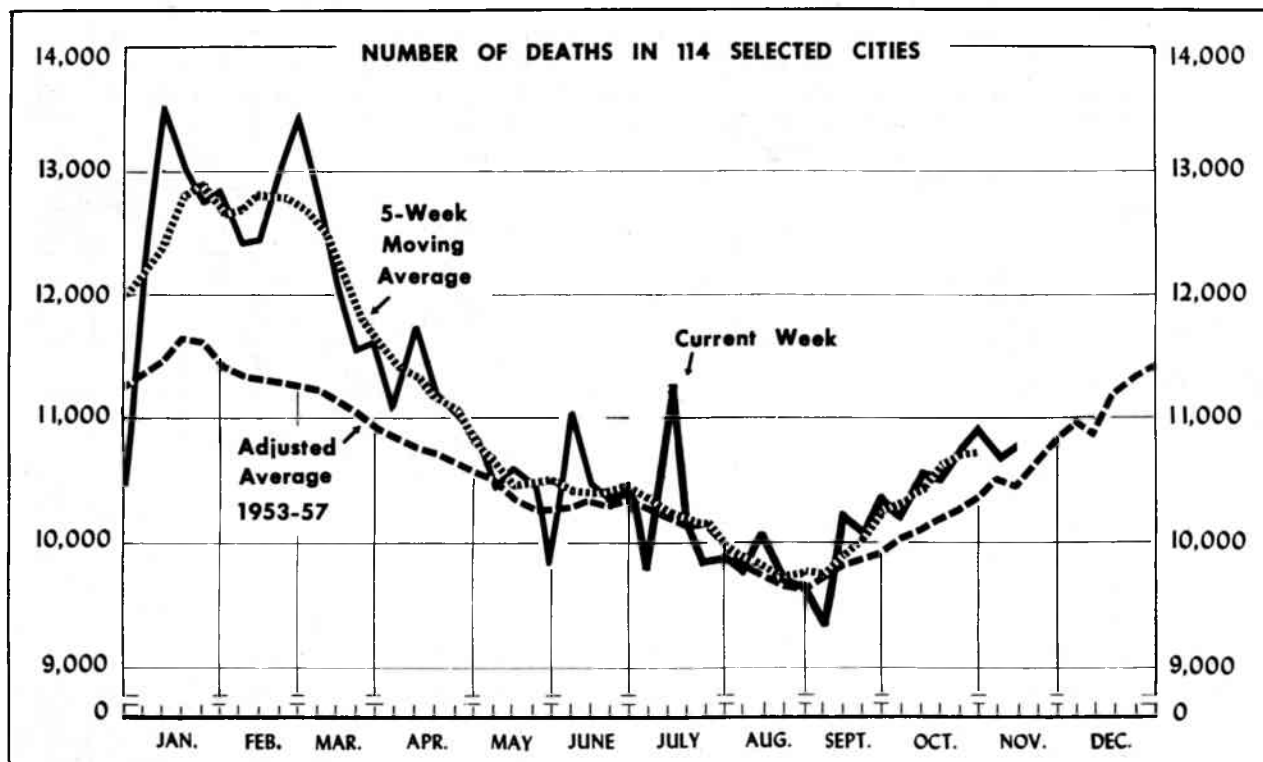
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 16, 1957, AND NOVEMBER 15, 1958—Continued

(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			096.2		46th week		Cumulative first 46 weeks				
	1958	1957		1958	1958	1957	1958	1957	1958	1957	101	1958
CONT. UNITED STATES-----	46	70	123	1	4	22	25	961	1,210	-	69	48
NEW ENGLAND-----	3	1	9	-	-	-	-	19	24	-	-	-
Maine-----	-	-	5	-	-	-	-	2	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	3	-	-	-	-	9	12	-	-	-
Rhode Island-----	2	-	1	-	-	-	-	1	5	-	-	-
Connecticut-----	-	-	-	-	-	-	-	6	3	-	-	-
MIDDLE ATLANTIC-----	7	14	-	-	1	4	2	104	139	-	6	5
New York-----	3	6	-	-	1	1	1	34	56	-	5	3
New Jersey-----	3	-	-	-	-	3	-	22	19	-	-	-
Pennsylvania-----	1	8	-	-	-	-	1	48	64	-	1	2
EAST NORTH CENTRAL-----	9	17	32	-	2	2	1	100	171	-	8	6
Ohio-----	4	5	-	-	-	-	1	37	63	-	-	1
Indiana-----	-	3	4	-	-	-	-	16	59	-	4	2
Illinois-----	-	6	28	-	1	-	-	22	20	-	-	2
Michigan-----	3	3	-	-	-	2	1	15	15	-	-	-
Wisconsin-----	2	-	-	-	1	-	-	10	14	-	4	1
WEST NORTH CENTRAL-----	3	7	4	-	-	-	3	76	88	-	14	4
Minnesota-----	-	2	1	-	-	-	-	3	5	-	10	3
Iowa-----	-	3	2	-	-	-	-	16	22	-	2	-
Missouri-----	1	2	1	-	-	-	1	35	44	-	-	1
North Dakota-----	-	-	-	-	-	-	-	2	2	-	2	-
South Dakota-----	-	-	-	-	-	-	1	7	8	-	-	-
Nebraska-----	2	-	-	-	-	-	1	2	1	-	-	-
Kansas-----	-	-	-	-	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	9	16	15	-	-	6	13	166	228	-	17	10
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	-	2	3	-	-	-	-	11	10	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	6	9	-	-	-
Virginia-----	4	4	4	-	-	3	1	38	40	-	2	1
West Virginia-----	1	-	-	-	-	1	-	21	50	-	1	-
North Carolina-----	1	3	-	-	-	-	-	18	14	-	-	1
South Carolina-----	-	2	-	-	-	1	-	13	20	-	1	-
Georgia-----	1	2	2	-	-	1	1	32	31	-	11	7
Florida-----	2	3	46	-	-	-	11	22	53	-	2	1
EAST SOUTH CENTRAL-----	4	6	5	1	-	4	1	115	169	-	14	8
Kentucky-----	-	2	1	-	-	3	-	34	54	-	5	2
Tennessee-----	1	1	2	1	-	1	1	34	65	-	3	2
Alabama-----	1	3	-	-	-	-	-	19	12	-	6	4
Mississippi-----	2	-	2	-	-	-	-	28	38	-	-	-
WEST SOUTH CENTRAL-----	5	4	6	-	-	1	1	224	241	-	10	10
Arkansas-----	-	-	1	-	-	-	1	27	42	-	3	-
Louisiana-----	1	1	-	-	-	1	-	83	57	-	-	1
Oklahoma-----	2	2	-	-	-	-	-	11	26	-	-	-
Texas-----	2	1	5	-	-	-	-	103	116	-	7	9
MOUNTAIN-----	1	-	8	-	-	4	1	74	52	-	-	-
Montana-----	-	-	-	-	-	-	-	4	3	-	-	-
Idaho-----	-	-	-	-	-	1	-	7	4	-	-	-
Wyoming-----	-	-	-	-	-	1	-	4	2	-	-	-
Colorado-----	1	-	7	-	-	1	1	9	12	-	-	-
New Mexico-----	-	-	-	-	-	1	-	31	19	-	-	-
Arizona-----	-	-	-	-	-	-	-	11	9	-	-	-
Utah-----	-	-	1	-	-	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	5	5	44	-	1	1	3	83	98	-	-	5
Washington-----	1	2	2	-	-	-	-	3	7	-	-	-
Oregon-----	-	1	1	-	-	-	1	12	6	-	-	-
California-----	4	2	541	-	1	1	2	68	85	-	-	5
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	1	-	2	-	-	-	-	24	17	-	-	-

³Includes 3 cases of aseptic meningitis.⁴Includes 5 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	46th week ended Nov. 15, 1958	45th week ended Nov. 8, 1958	Adjusted average, 46th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 46 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,775	10,695	10,457	+3.0	507,939	501,083	+1.4
New England----- (14 cities)	681	686	699	-2.6	32,135	32,104	+0.1
Middle Atlantic----- (20 cities)	3,039	3,042	3,131	-2.9	146,436	145,754	+0.5
East North Central----- (19 cities)	2,312	2,286	2,263	+2.2	108,432	108,543	-0.1
West North Central----- (9 cities)	851	761	753	+13.0	35,980	35,822	+0.4
South Atlantic----- (11 cities)	909	876	878	+3.5	43,853	42,192	+3.9
East South Central----- (8 cities)	520	516	463	+12.3	23,631	22,345	+5.8
West South Central----- (13 cities)	920	933	809	+13.7	43,195	41,635	+3.7
Mountain----- (8 cities)	299	303	242	+23.6	13,584	12,509	+8.6
Pacific----- (12 cities)	1,244	1,292	1,261	-1.3	60,693	60,179	+0.9

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	46th week ended Nov. 15, 1958	45th week ended Nov. 8, 1958	CUMULATIVE NUMBER FIRST 46 WEEKS		AREA	46th week ended Nov. 15, 1958	45th week ended Nov. 8, 1958	CUMULATIVE NUMBER FIRST 46 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:									
Boston, Mass.-----	216	242	11,027	10,858	WEST NORTH CENTRAL—Con.:				
Bridgeport, Conn.-----	34	18	1,711	1,770	St. Louis, Mo.-----	254	255	11,219	11,102
Cambridge, Mass.-----	32	36	1,313	1,347	St. Paul, Minn.-----	78	56	3,253	3,037
Fall River, Mass.-----	26	22	1,253	1,254	Wichita, Kans.-----	55	49	2,074	2,031
Hartford, Conn.-----	40	56	2,296	2,301	SOUTH ATLANTIC:				
Lowell, Mass.-----	28	24	1,178	1,281	Atlanta, Ga.-----	119	120	5,058	5,096
Lynn, Mass.-----	16	20	1,015	983	Baltimore, Md.-----	223	212	11,224	11,045
New Bedford, Mass.-----	17	22	1,058	1,117	Charlotte, N. C.-----	37	33	1,604	1,551
New Haven, Conn.-----	67	53	2,119	2,147	Jacksonville, Fla.-----	61	57	2,719	2,473
Providence, R. I.-----	69	63	2,951	2,859	Miami, Fla.-----	55	63	3,239	2,334
Somerville, Mass.-----	15	14	648	606	Norfolk, Va.-----	24	43	1,611	1,695
Springfield, Mass.-----	35	42	1,923	1,945	Richmond, Va.-----	67	67	3,415	3,458
Waterbury, Conn.-----	28	34	1,209	1,157	Savannah, Ga.-----	19	24	1,474	1,388
Worcester, Mass.-----	58	40	2,434	2,479	St. Petersburg, Fla.-----	(73)	(69)	(2,924)	---
					Tampa, Fla.-----	71	36	2,947	2,828
					Washington, D. C.-----	193	183	8,863	8,655
					Wilmington, Del.-----	40	38	1,699	1,669
MIDDLE ATLANTIC:									
Albany, N. Y.-----	57	45	2,258	2,281	EAST SOUTH CENTRAL:				
Allentown, Pa.-----	31	30	1,486	1,783	Birmingham, Ala.-----	80	87	3,967	3,654
Buffalo, N. Y.-----	151	128	6,821	6,573	Chattanooga, Tenn.-----	59	33	2,175	2,089
Camden, N. J.-----	29	43	1,900	1,849	Knoxville, Tenn.-----	25	27	1,243	1,243
Elizabeth, N. J.-----	39	16	1,360	1,306	Louisville, Ky.-----	123	96	5,001	4,891
Erie, Pa.-----	44	43	1,646	1,649	Memphis, Tenn.-----	97	128	5,263	4,908
Jersey City, N. J.-----	63	65	3,198	3,177	Mobile, Ala.-----	41	38	1,739	1,664
Newark, N. J.-----	96	94	4,348	4,755	Montgomery, Ala.-----	32	45	1,546	1,213
New York City, N. Y.-----	1,629	1,595	74,270	73,741	Nashville, Tenn.-----	63	62	2,697	2,683
Paterson, N. J.-----	27	44	1,859	1,796	WEST SOUTH CENTRAL:				
Philadelphia, Pa.-----	328	483	22,776	22,305	Austin, Tex.-----	22	26	1,465	1,360
Pittsburgh, Pa.-----	172	150	8,625	8,527	Baton Rouge, La.-----	26	15	1,274	1,139
Reading, Pa.-----	14	15	965	1,081	Corpus Christi, Tex.-----	26	24	963	982
Rochester, N. Y.-----	85	98	4,634	4,536	Dallas, Tex.-----	126	120	5,271	5,049
Schenectady, N. Y.-----	41	18	1,051	1,082	El Paso, Tex.-----	48	56	1,677	1,448
Scranton, Pa.-----	40	39	1,597	1,725	Fort Worth, Tex.-----	55	50	2,755	2,880
Syracuse, N. Y.-----	81	60	2,876	2,725	Houston, Tex.-----	140	143	7,232	6,883
Trenton, N. J.-----	46	25	2,118	2,073	Little Rock, Ark.-----	60	52	2,515	2,408
Utica, N. Y.-----	29	23	1,242	1,442	New Orleans, La.-----	177	165	7,983	7,920
Yonkers, N. Y.-----	37	28	1,406	1,348	Oklahoma City, Okla.-----	58	68	3,090	2,837
					San Antonio, Tex.-----	105	97	4,450	4,407
					Shreveport, La.-----	34	41	2,234	2,171
					Tulsa, Okla.-----	43	76	2,286	2,151
EAST NORTH CENTRAL:									
Akron, Ohio-----	61	68	2,594	2,522	MOUNTAIN:				
Canton, Ohio-----	28	28	1,418	1,434	Albuquerque, N. Mex.-----	30	29	1,291	1,188
Chicago, Ill.-----	737	739	34,472	35,127	Colorado Springs, Colo.-----	21	17	699	626
Cincinnati, Ohio-----	128	149	7,333	7,065	Denver, Colo.-----	99	126	5,145	5,105
Cleveland, Ohio-----	219	213	9,517	9,584	Ogden, Utah-----	11	11	672	582
Columbus, Ohio-----	106	100	5,262	5,199	Phoenix, Ariz.-----	57	38	2,047	1,444
Dayton, Ohio-----	76	52	3,301	3,319	Pueblo, Colo.-----	13	10	593	582
Detroit, Mich.-----	322	318	14,616	14,978	Salt Lake City, Utah-----	49	51	2,203	2,061
Evansville, Ind.-----	33	25	1,757	1,506	Tucson, Ariz.-----	19	21	934	921
Flint, Mich.-----	39	35	1,718	1,735	PACIFIC:				
Fort Wayne, Ind.-----	41	45	1,595	1,658	Berkeley, Calif.-----	12	21	854	899
Gary, Ind.-----	31	22	1,430	1,348	Fresno, Calif.-----	(66)	(52)	(1,843)	---
Grand Rapids, Mich.-----	30	38	1,866	1,877	Glendale, Calif.-----	(25)	(25)	(1,510)	---
Indianapolis, Ind.-----	118	136	5,943	5,590	Long Beach, Calif.-----	45	53	2,520	2,472
Madison, Wis.-----	(35)	(23)	(1,488)	(1,471)	Los Angeles, Calif.-----	438	475	22,041	21,707
Milwaukee, Wis.-----	132	117	6,016	6,032	Oakland, Calif.-----	77	75	4,238	4,343
Peoria, Ill.-----	31	18	1,453	1,384	Pasadena, Calif.-----	31	30	1,585	1,610
Rockford, Ill.-----	(29)	(37)	(1,206)	(1,200)	Portland, Oreg.-----	101	112	4,573	4,477
South Bend, Ind.-----	24	28	1,221	1,209	Sacramento, Calif.-----	62	42	2,391	2,360
Toledo, Ohio-----	96	91	4,500	4,379	San Diego, Calif.-----	83	81	3,765	3,626
Youngstown, Ohio-----	60	64	2,420	2,597	San Francisco, Calif.-----	183	186	8,647	8,744
					San Jose, Calif.-----	(25)	(16)	(1,038)	---
					Seattle, Wash.-----	134	150	6,182	6,021
					Spokane, Wash.-----	39	33	2,089	2,120
					Tacoma, Wash.-----	39	34	1,808	1,800
					Honolulu, Hawaii-----	(42)	(37)	(1,682)	(1,747)
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	53	55	2,493	2,561					
Duluth, Minn.-----	23	24	1,138	1,216					
Kansas City, Kans.-----	47	29	1,307	1,333					
Kansas City, Mo.-----	122	119	5,558	5,500					
Lincoln, Nebr.-----	(36)	(22)	(1,146)	---					
Minneapolis, Minn.-----	142	112	5,760	5,874					
Omaha, Nebr.-----	77	62	3,178	3,168					

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

EPIDEMIOLOGICAL REPORTS—Continued

State Board of Health about a food poisoning outbreak in a large consolidated school for white children. Symptoms began from 2 to 3 hours after eating a meal which included chicken and dressing. Examination of samples of the food served at the meal revealed a heavy growth of staphylococci in both the chicken and dressing. Interview of students and teachers revealed a strong positive correlation between the illness and consumption of the chicken and dressing but negative correlation was evident with other foods. Five food handlers were found to be nasal carriers of coagulase-positive staphylococci.

QUARANTINE MEASURES

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

Changes Reported

Asia and Europe.—Union of Soviet Socialist Republics (pp. 45 and 50) now requires cholera vaccination of all arrivals from India and East Pakistan. All other information remains the same.

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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