Morbidity and Mortality Weekly Report

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 24, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

Since the first of June influenza in sporadic form and in localized epidemics has been confirmed by laboratory tests in 22 States and in Hawaii. There have been outbreaks and sporadic cases clinically resembling influenza in 9 other States and in Alaska. The occurrences which have been confirmed as the Asian type of infection are estimated to be about 30,000 cases.

New outbreaks reported in the past week, most of which have not been laboratory confirmed, have occurred in New York State, Mississippi, Florida, California, and in Norfolk, Virginia. In New York State 22 of 79 children in a summer camp became ill with sore throat, cough, fever, and headache. In Mississippi influenza-like illness caused an absenteeism rate of nearly 40 percent in 3 schools in 1 county. In another part of the State family outbreaks have occurred on several plantations. In St. Petersburg, Florida, there have been about 200 cases with serologic evidence of the Asian type of infection in 1 case. A U. S. Navy vessel at Norfolk, Virginia, has reported a high incidence of influenza-like disease.

The Iowa State Department of Health states that from 138 of the 973 delegates to the conference at Grinnell reports have been received of influenza-like illness occurring after the delegates returned to their homes in 20 different States. A total of 28 secondary cases has been reported in homes of the delegates. Influenza-like illness in Boy Scouts

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

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	34th week			CUMULATIVE NUMBER						Approximate seasonal low point
				First 34 weeks			Since seasonal low week			
	Ended Aug. 24, 1957[1]	Ended Aug. 25, 1956	Median 1952-56	1957[1]	1956	Median 1952-56	1956-57[1]	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	1	-	14	31	22	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	9	5	7	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	17	10	28	653	679	1,088	(2)	(2)	(2)	(2)
Diphtheria-----055	23	18	35	595	950	1,114	131	124	210	July 1
Encephalitis, infectious-----082	53	35	39	1,116	1,108	1,054	556	479	461	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	200	255	437	10,802	13,828	21,562	16,001	21,331	---	Sept. 1
Malaria-----110-117	11	4	27	95	145	438	(2)	(2)	(2)	(2)
Measles-----085	1,272	1,244	1,087	448,622	575,642	575,642	485,826	604,740	604,740	Sept. 1
Meningococcal infections-----057	32	28	48	1,661	1,941	3,057	2,392	2,864	4,286	Sept. 1
Meningitis, other-----340	134	31	---	1,515	986	---	---	---	---	---
Poliomyelitis-----080	396	944	2,250	3,610	8,017	15,097	3,084	6,950	13,424	Apr. 1
Paralytic-----080.0,080.1	94	375	---	1,148	3,756	---	874	3,173	---	Apr. 1
Nonparalytic-----080.2	233	377	---	1,895	2,909	---	1,732	2,624	---	Apr. 1
Unspecified-----080.3	69	192	---	567	1,352	---	478	1,153	---	Apr. 1
Psittacosis-----096.2	4	4	1	189	364	194	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	3	6	5	(2)	(2)	(2)	(2)
Typhoid fever-----040	42	46	73	856	1,191	1,369	599	879	967	Apr. 1
Typhus fever, endemic-----101	1	4	4	77	74	117	52	55	87	Apr. 1
Rabies in animals-----	73	81	81	3,093	3,380	4,955	4,057	4,407	6,596	Oct. 1

[1]Data exclude reports from Vermont and Idaho for the current week. [2]Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS—Continued

after returning from the Jamboree at Valley Forge has been reported by 13 States. In 2 such occurrences a type A influenza virus similar to the Asian strain was isolated. Foreign exchange students arriving in New York journeyed on to their destinations in various parts of the country. Influenza-like illness has been reported in these students in 7 States.

Botulism

Dr. S. M. Farrer, New Jersey State Department of Health, has supplied epidemiological information on the case of botulism reported last week. The case was in a 50-year-old woman who became ill 19 hours after opening a jar of home-canned mushrooms and tasting them without heating them. She developed severe nausea and vomiting followed by a host of neurologic signs and symptoms, such as diplopia, paralysis of lateral gaze, difficulty in swallowing, thick speech, and weakness of facial muscles. Three days later the patient developed respiratory difficulties. Botulinus antitoxin was administered 4 days after she tasted the mushrooms. Despite this and various supportive measures the patient died. Blood and saline extracts of post-mortem brain and liver tissue were inoculated into mice, but to date the mice do not show evidence of botulinus toxicity. No home-canned food items were available for laboratory examination.

The home-canning method used was that of boiling the mushrooms, frying them in oil, and then bottling them in oil. A pressure cooker was not used.

Anthrax in animals

Dr. R. J. Anderson, Director, Animal Disease Eradication Division, ARS, Department of Agriculture, has reported further details on the outbreak of animal anthrax in the northeastern part of Oklahoma. It began during the second week of July. Losses were sporadic, and in most herds the mortality was low. As the incidence of the disease began to increase and, following a definite diagnosis of anthrax by laboratory tests, a vaccination program was initiated and the area was quarantined. State personnel assisted by Federal veterinarians were assigned to control the outbreak. As a result more than 119,500 animals had been vaccinated by the middle of August. Up to the present time no anthrax has been observed in animals that had received the vaccine 8 days previously. On August 9, animal losses were placed at 500 cattle, 125 sheep, 25 hogs, and 10 horses. Isolated occurrences of the disease are still being reported on certain premises outside the vaccination area. These outbreaks are being kept under close observation, and infected herds and susceptible animals are receiving prompt vaccination. The situation at present is considered to be under control. One human case was reported and has been successfully treated.

Leptospirosis

Dr. E. R. Price, Public Health Veterinarian, Missouri Department of Public Health and Welfare, has reported 3 cases of human leptospirosis attributed to direct contact with an infected herd of beef cattle in St. Charles County. The disease was not suspected in these persons until after it was diagnosed in the herd. According to the herdsman this disease may have been present in the herd for several months because 6 animals had died during the previous 5 months. The disease in animals was first diagnosed clinically and later confirmed by serologic findings in a laboratory. Although Leptospira pomona has not yet been cultured, the serologic findings have been confirmed by 2 laboratories. Laboratory specimens were submitted by the physician, but the test results were inconclusive. However, serologic tests on sera from the patients indicated a recent infection with L. pomona.

Dr. J. S. Palmer, Veterinarian, Utah Department of Health, has reported 2 recent laboratory confirmations of L. canicola in children in Salt Lake City. Epidemiological investigation discovered 6 dogs in the same area with positive titers on agglutination.

Psittacosis

The California State Department of Public Health has reported a case of psittacosis in a 37-year-old woman. The patient is a clerk in a department store and sells birds, including parakeets. The results of a chest X-ray were negative, but the diagnosis was confirmed by an eightfold rise in complement fixation titer for psittacosis.

Streptococcal food infection

Dr. A. C. Offutt, Indiana State Board of Health, has reported an outbreak of illness affecting approximately 300 individuals among 500 who were served an evening meal. Symptoms of nausea, vomiting, diarrhea, and cramps appeared about 8 hours after this meal. All food samples collected and examined in a laboratory were essentially negative, except the potato salad. Many colonies of streptococcal organisms were exhibited, but no staphylococcus, salmonella, or shigella were isolated. The source of contamination was not found.

Poisoning by toxic agent

The Los Angeles City (California) Health Department has reported an outbreak of toxic poisoning in a private residence. Five children became ill with vomiting, diarrhea, cramps, thirst, and dizziness about 6 hours after ingesting castor beans. The beans were picked from a castor-oil plant, Ricinus communis, which was growing in their back yard. The patients were hospitalized and all have recovered.

Gastro-enteritis

The California State Department of Public Health has reported 2 outbreaks of gastro-enteritis among persons in private residences. In one of these, 10 of 11 persons became ill with nausea, vomiting, and diarrhea from 1 to 9 hours after eating baked ham. The ham had been prepared, cooked, boned, and sliced at a meat market. The meat had been cooled for 6 hours before being refrigerated. The following day the meat was picked up by the customer and transported by automobile to his home. Bacteriologic examination of a sample of the ham revealed pathogenic micrococcus. In the other outbreak 21 of 33 persons became ill from 1 to 6 hours after eating cold turkey and potato salad. This food was prepared in a private home and probably remained unrefrigerated for many hours. The salad was handled by various members of several families, but no symptoms of illness, sore throats, or sores on hands were noted. Bacteriologic examination of the turkey and the potato salad revealed that the turkey was negative for pathogenic organisms and that the salad contained a few golden pigmented, beta-hemolytic, coagulase-positive cocci.

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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 25, 1956 AND AUGUST 24, 1957

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
			34th week		Cumulative first 34 weeks				34th week		Cumulative first 34 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES[1]	17	10	23	18	595	950	53	35	200	255	10,802	13,828
NEW ENGLAND[1]	-	-	-	-	19	9	-	-	14	18	592	896
Maine	-	-	-	-	3	-	-	-	4	2	185	216
New Hampshire	-	-	-	-	-	1	-	-	-	-	8	27
Vermont	---	-	---	-	[1]-	-	---	-	---	4	[1]86	109
Massachusetts	-	-	-	-	16	8	-	-	2	3	168	223
Rhode Island	-	-	-	-	-	-	-	-	3	-	58	115
Connecticut	-	-	-	-	-	-	-	-	5	9	87	206
MIDDLE ATLANTIC	-	1	1	2	58	47	7	6	35	56	1,666	2,966
New York	-	-	-	1	30	18	7	5	29	43	1,003	1,535
New Jersey	-	-	-	-	9	12	-	1	2	4	223	269
Pennsylvania	-	1	1	1	19	17	-	-	4	9	440	1,162
EAST NORTH CENTRAL	6	2	1	-	38	174	11	10	19	32	1,875	2,088
Ohio	-	-	1	-	9	14	3	8	10	13	474	521
Indiana	-	-	-	-	9	84	3	-	3	1	272	301
Illinois	3	1	-	-	3	8	1	1	4	2	408	480
Michigan	1	1	-	-	15	66	4	1	1	11	527	548
Wisconsin	2	-	-	-	2	2	-	-	1	5	194	238
WEST NORTH CENTRAL	4	4	-	-	51	91	5	2	15	30	649	1,167
Minnesota	1	1	-	-	21	25	-	-	-	7	230	365
Iowa	2	1	-	-	7	17	2	-	5	9	155	307
Missouri	1	-	-	-	1	10	-	-	3	4	109	65
North Dakota	-	1	-	-	3	5	2	-	-	6	81	93
South Dakota	-	-	-	-	6	6	-	1	5	1	32	143
Nebraska	-	-	-	-	8	25	-	1	2	-	20	90
Kansas	-	1	-	-	5	3	1	-	-	3	22	104
SOUTH ATLANTIC	-	1	11	9	172	206	8	3	18	20	824	873
Delaware	-	-	-	-	-	-	-	-	-	2	7	27
Maryland	-	-	-	-	1	1	1	-	-	2	83	73
District of Columbia	-	-	-	-	-	1	-	-	1	1	10	17
Virginia	-	-	-	1	10	23	1	1	7	9	323	341
West Virginia	-	-	-	-	4	5	-	-	1	2	63	52
North Carolina	-	1	1	2	23	28	2	2	2	2	74	81
South Carolina	-	-	4	-	31	47	1	-	1	1	23	54
Georgia	-	-	5	5	41	46	1	-	4	-	90	114
Florida	-	-	1	1	62	55	2	-	2	1	151	114
EAST SOUTH CENTRAL	4	1	4	-	80	121	4	1	17	18	1,450	1,219
Kentucky	1	-	1	-	13	8	3	-	3	6	615	378
Tennessee	1	1	1	-	9	19	-	-	6	7	546	519
Alabama	1	-	-	-	34	59	-	-	6	-	183	149
Mississippi	1	-	2	-	24	35	1	1	2	5	106	173
WEST SOUTH CENTRAL	2	-	2	5	122	231	10	2	23	16	809	1,031
Arkansas	1	-	2	1	12	18	-	-	3	2	62	93
Louisiana	-	-	-	-	10	25	-	-	1	3	45	111
Oklahoma	1	-	-	-	17	56	1	-	2	5	95	80
Texas	-	-	-	4	83	132	9	2	17	6	607	747
MOUNTAIN[1]	-	1	3	-	24	24	1	-	9	12	928	1,231
Montana	-	-	2	-	7	3	1	-	4	1	124	309
Idaho	---	-	---	-	[1]1	1	---	-	---	1	[1]64	159
Wyoming	-	-	-	-	1	4	-	-	-	1	45	65
Colorado	-	1	-	-	2	3	-	-	1	4	147	277
New Mexico	-	-	1	-	9	5	-	-	-	-	315	109
Arizona	-	-	-	-	3	5	-	-	2	3	171	245
Utah	-	-	-	-	1	3	-	-	2	2	37	63
Nevada	-	-	-	-	-	-	-	-	-	-	25	4
PACIFIC	1	-	1	2	31	47	7	11	50	53	2,009	2,357
Washington	1	-	-	-	22	8	-	-	6	8	265	505
Oregon	-	-	-	1	2	11	-	-	18	9	386	460
California	-	-	1	1	7	28	7	11	26	36	1,358	1,392
Alaska	-	-	-	-	-	35	-	-	10	-	67	65
Hawaii	-	-	-	-	-	-	-	-	-	-	33	34
Puerto Rico	-	-	-	1	36	49	-	-	4	-	120	173

[1]Data exclude reports from Vermont and Idaho for the current week.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 25, 1956 AND AUGUST 24, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total[2]				Paralytic		Nonparalytic					
	34th week		Cumulative first 34 weeks		080.0,080.1		080.2		110-117		085	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES[1]	396	944	3,610	8,017	94	375	233	377	11	4	1,272	1,244
NEW ENGLAND[1]	6	16	42	150	1	3	4	9	-	-	82	33
Maine	2	2	5	14	-	1	2	-	-	-	18	3
New Hampshire	-	-	3	3	-	-	-	-	-	-	1	-
Vermont	---	-	[1]2	16	---	-	---	-	---	-	---	2
Massachusetts	1	6	12	70	-	2	1	3	-	-	48	17
Rhode Island	-	1	-	8	-	-	-	-	-	-	3	-
Connecticut	3	7	20	39	1	-	1	6	-	-	12	11
MIDDLE ATLANTIC	35	79	170	495	9	15	15	44	-	-	190	337
New York	22	51	103	336	9	11	11	33	-	-	143	251
New Jersey	8	15	36	82	-	4	4	11	-	-	31	46
Pennsylvania	5	13	31	77	-	-	-	-	-	-	16	40
EAST NORTH CENTRAL	166	320	778	2,077	28	139	99	104	-	-	353	233
Ohio	29	46	152	248	5	10	4	9	-	-	27	34
Indiana	17	26	86	162	5	12	7	6	-	-	48	4
Illinois	42	167	161	1,219	7	90	25	61	-	-	36	8
Michigan	53	42	235	266	10	17	43	16	-	-	33	36
Wisconsin	25	39	144	182	1	10	20	12	-	-	209	151
WEST NORTH CENTRAL	26	147	294	717	-	23	22	89	-	1	36	26
Minnesota	-	15	30	77	-	8	-	7	-	-	7	8
Iowa	8	68	43	273	-	1	8	62	-	-	10	10
Missouri	5	31	81	183	-	9	4	6	-	1	-	7
North Dakota	-	2	5	10	-	-	-	2	-	-	12	-
South Dakota	2	1	30	22	-	-	2	-	-	-	3	-
Nebraska	3	12	56	63	-	2	2	10	-	-	4	1
Kansas	8	18	49	89	-	3	6	2	-	-	-	-
SOUTH ATLANTIC	46	77	515	733	24	46	19	24	7	-	95	126
Delaware	-	1	4	9	-	1	-	-	-	-	1	2
Maryland	2	6	9	33	1	6	1	-	-	-	18	6
District of Columbia	7	-	22	3	4	-	3	-	-	-	6	2
Virginia	11	13	57	95	9	11	2	2	2	-	21	23
West Virginia	1	9	17	58	1	7	-	-	-	-	10	8
North Carolina	12	19	165	155	-	10	12	8	-	-	3	9
South Carolina	1	6	92	62	-	4	-	2	-	-	17	46
Georgia	7	13	56	106	7	4	-	7	-	-	3	5
Florida	5	10	93	212	2	3	1	5	5	-	16	25
EAST SOUTH CENTRAL	19	58	261	364	8	27	5	10	-	-	67	98
Kentucky	7	10	56	101	4	3	3	6	-	-	8	31
Tennessee	6	12	87	74	4	10	1	1	-	-	24	35
Alabama	2	15	32	44	-	-	-	-	-	-	31	23
Mississippi	4	21	86	145	-	14	1	3	-	-	4	9
WEST SOUTH CENTRAL	47	109	839	1,572	11	62	32	39	-	1	137	121
Arkansas	2	9	52	93	1	8	1	1	-	-	-	9
Louisiana	6	31	126	423	2	24	4	7	-	-	-	2
Oklahoma	9	19	88	142	2	7	3	4	-	1	1	4
Texas	30	50	573	914	6	23	24	27	-	-	136	106
MOUNTAIN[1]	5	41	160	411	1	12	3	16	3	-	121	99
Montana	1	1	6	22	-	-	1	1	-	-	39	5
Idaho	---	10	[1]14	61	---	5	---	1	---	-	---	25
Wyoming	1	4	10	16	1	1	-	3	-	-	2	-
Colorado	2	9	24	59	-	2	1	6	-	-	14	29
New Mexico	-	2	39	36	-	1	-	1	-	-	21	7
Arizona	1	7	38	92	-	3	1	4	1	-	38	12
Utah	-	8	25	103	-	-	-	-	-	-	5	19
Nevada	-	-	4	22	-	-	-	-	2	-	2	2
PACIFIC	46	97	551	1,498	12	48	34	42	1	2	191	171
Washington	4	9	8	85	3	2	1	1	-	-	43	39
Oregon	1	3	35	91	1	1	-	1	-	-	36	23
California	41	85	508	1,322	8	45	33	40	1	2	112	109
Alaska	-	1	2	9	-	1	-	-	-	-	74	20
Hawaii	-	2	2	58	-	1	-	1	-	-	3	71
Puerto Rico	1	-	22	34	1	-	-	-	-	-	12	80

[1]Data exclude reports from Vermont and Idaho for the current week.
[2]Includes cases not specified by type, category number 080.3.

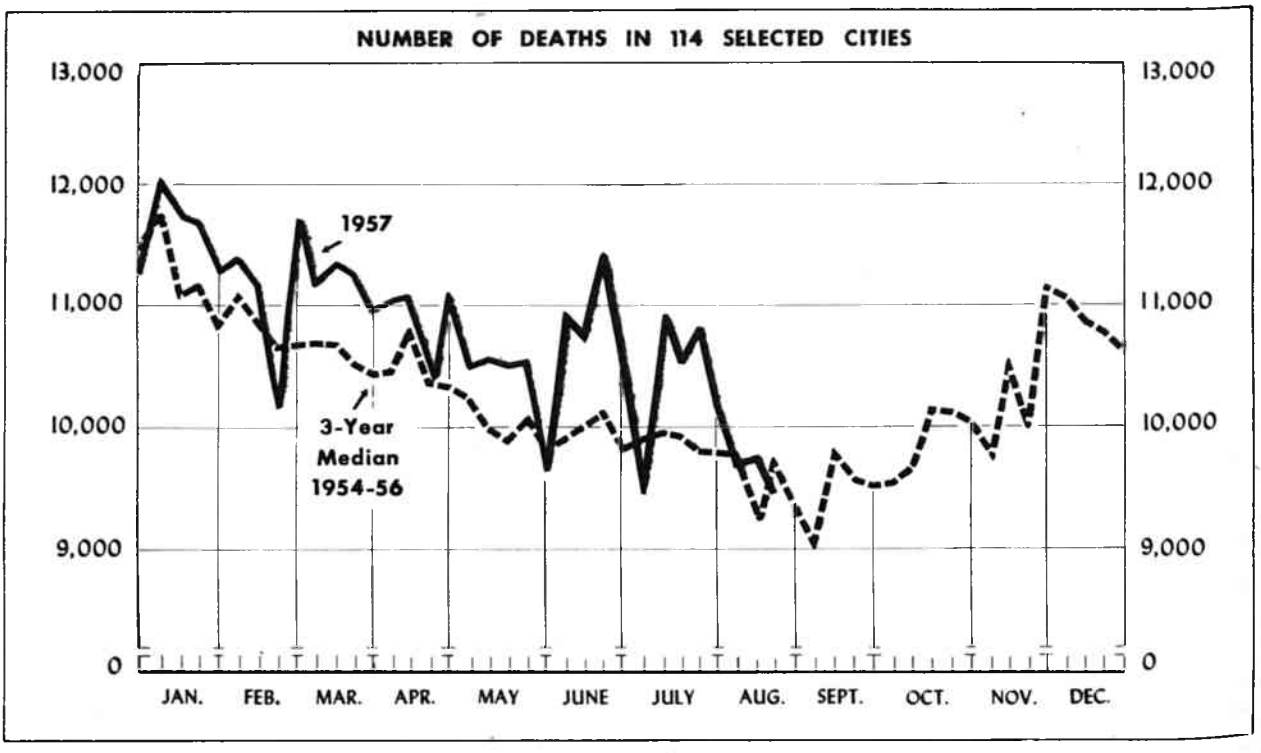
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 25, 1956 AND AUGUST 24, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS 057		MENINGITIS, OTHER 340	PSITTACOSIS 096.2		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
						34th week		Cumulative first 34 weeks				
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES[1]	32	28	134	4	4	42	46	856	1,191	1	73	81
NEW ENGLAND[1]	-	1	2	1	-	1	1	18	41	-	-	-
Maine	-	-	-	-	-	-	-	2	12	-	-	-
New Hampshire	-	-	-	-	-	-	-	2	-	-	-	-
Vermont	---	-	---	---	-	---	-	[1]-	1	---	---	-
Massachusetts	-	-	-	1	-	1	-	8	13	-	-	-
Rhode Island	-	1	2	-	-	-	-	4	5	-	-	-
Connecticut	-	-	-	-	-	-	1	2	10	-	-	-
MIDDLE ATLANTIC	1	2	-	-	-	5	8	87	162	-	2	8
New York	-	2	-	-	-	4	5	38	47	-	2	6
New Jersey	1	-	-	-	-	-	-	18	20	-	-	-
Pennsylvania	-	-	-	-	-	1	3	31	95	-	-	2
EAST NORTH CENTRAL	12	4	15	1	1	6	2	112	166	-	12	13
Ohio	1	1	-	-	1	3	1	44	33	-	7	-
Indiana	2	-	8	-	-	-	-	36	19	-	-	7
Illinois	7	1	5	1	-	-	-	12	32	-	-	6
Michigan	2	1	2	-	-	-	1	10	41	-	1	-
Wisconsin	-	1	-	-	-	3	-	10	41	-	4	-
WEST NORTH CENTRAL	4	4	14	2	-	2	4	61	151	-	17	11
Minnesota	-	-	-	2	-	-	-	4	32	-	11	-
Iowa	-	1	13	-	-	-	-	15	55	-	3	7
Missouri	2	3	-	-	-	1	2	32	36	-	-	2
North Dakota	1	-	-	-	-	-	-	1	6	-	-	-
South Dakota	-	-	-	-	-	-	-	4	3	-	-	-
Nebraska	-	-	-	-	-	-	1	-	11	-	3	2
Kansas	1	-	1	-	-	1	1	5	8	-	-	-
SOUTH ATLANTIC	5	4	37	-	1	6	6	174	195	-	13	20
Delaware	1	-	-	-	-	-	-	1	1	-	-	-
Maryland	-	1	-	-	-	2	1	5	17	-	-	-
District of Columbia	-	-	-	-	-	-	-	8	11	-	-	-
Virginia	1	-	32	-	-	2	1	36	32	-	6	5
West Virginia	-	1	-	-	-	-	1	40	20	-	1	2
North Carolina	-	1	-	-	1	-	2	12	23	-	1	-
South Carolina	2	-	2	-	-	-	-	13	22	-	3	5
Georgia	1	-	3	-	-	1	-	23	35	-	1	6
Florida	-	1	-	-	-	1	1	36	34	-	1	2
EAST SOUTH CENTRAL	8	5	50	-	1	2	8	133	145	1	11	15
Kentucky	-	1	-	-	-	1	1	39	27	-	9	5
Tennessee	-	-	50	-	1	1	3	55	58	-	-	2
Alabama	6	3	-	-	-	-	4	9	17	1	1	6
Mississippi	2	1	-	-	-	-	-	30	43	-	1	2
WEST SOUTH CENTRAL	-	1	8	-	-	18	10	190	214	-	12	8
Arkansas	-	-	2	-	-	3	5	33	47	-	1	2
Louisiana	-	1	-	-	-	3	-	44	34	-	4	6
Oklahoma	-	-	2	-	-	4	3	22	29	-	3	-
Texas	-	-	4	-	-	8	2	91	104	-	4	-
MOUNTAIN[1]	-	2	7	-	-	2	2	34	42	-	-	2
Montana	-	-	-	-	-	-	-	2	3	-	-	-
Idaho	---	1	---	---	-	---	-	[1]2	2	---	---	-
Wyoming	-	-	-	-	-	-	-	2	2	-	-	-
Colorado	-	-	7	-	-	1	1	10	9	-	-	-
New Mexico	-	1	-	-	-	1	-	12	11	-	-	-
Arizona	-	-	-	-	-	-	1	6	12	-	-	2
Utah	-	-	-	-	-	-	-	-	1	-	-	-
Nevada	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC	2	5	1	-	1	-	5	47	75	-	6	4
Washington	-	-	-	-	1	-	1	3	2	-	-	-
Oregon	-	-	1	-	-	-	-	5	7	-	-	-
California	2	5	-	-	-	-	4	39	66	-	6	4
Alaska	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico	-	-	-	-	-	-	1	15	37	-	2	-

[1]Data exclude reports from Vermont and Idaho for the current week.

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



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) 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 to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that 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.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their 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	34th week ended Aug. 24, 1957	33d week ended Aug. 17, 1957	34th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 34 WEEKS		
					1957	1956	Percent change
TOTAL: 114 REPORTING CITIES	9,489	9,716	9,766	-2.8	367,705	358,257	+2.6
New England (14 cities)	503	595	638	-21.2	23,641	23,172	+2.0
Middle Atlantic (20 cities)	2,659	2,841	2,758	-3.6	106,692	105,018	+1.6
East North Central (19 cities)	2,062	2,092	2,017	+2.2	79,067	77,772	+1.7
West North Central (9 cities)	698	695	640	+9.1	26,175	25,292	+3.5
South Atlantic (11 cities)	805	770	839	-4.1	30,910	30,095	+2.7
East South Central (8 cities)	416	480	483	-13.9	16,415	16,183	+1.4
West South Central (13 cities)	840	830	731	+14.9	30,944	28,711	+7.8
Mountain (8 cities)	266	259	219	+21.5	9,174	8,344	+9.9
Pacific (12 cities)	1,240	1,154	1,107	+12.0	44,687	43,670	+2.3

Table 4. DEATHS IN SELECTED CITIES

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

AREA	34th week ended Aug. 24, 1957	33d week ended Aug. 17, 1957	CUMULATIVE NUMBER FIRST 34 WEEKS	
			1957	1956
NEW ENGLAND				
Boston, Mass.	148	201	7,998	7,808
Bridgeport, Conn.	27	46	1,271	1,271
Cambridge, Mass.	29	23	1,028	1,022
Fall River, Mass.	20	16	913	945
Hartford, Conn.	39	36	1,653	1,601
Lowell, Mass.	28	34	949	820
Lynn, Mass.	12	17	692	719
New Bedford, Mass.	13	18	824	779
New Haven, Conn.	29	45	1,561	1,565
Providence, R. I.	57	44	2,132	2,144
Somerville, Mass.	7	9	467	539
Springfield, Mass.	41	44	1,455	1,415
Waterbury, Conn.	18	26	853	859
Worcester, Mass.	35	36	1,845	1,685
MIDDLE ATLANTIC				
Albany, N. Y.	45	39	1,667	1,660
Allentown, Pa.	34	30	1,297	1,276
Buffalo, N. Y.	144	80	4,866	4,800
Camden, N. J.	38	26	1,365	1,334
Elizabeth, N. J.	21	24	974	950
Erie, Pa.	35	27	1,216	1,130
Jersey City, N. J.	59	49	2,349	2,405
Newark, N. J.	77	71	3,517	3,276
New York City, N. Y.	1,338	1,537	53,739	52,910
Paterson, N. J.	36	38	1,328	1,258
Philadelphia, Pa.	376	409	16,551	16,402
Pittsburgh, Pa.	149	166	6,125	6,232
Reading, Pa.	25	16	791	733
Rochester, N. Y.	83	88	3,228	3,179
Schenectady, N. Y.	28	21	801	763
Scranton, Pa.	38	41	1,300	1,190
Syracuse, N. Y.	54	76	1,965	2,004
Trenton, N. J.	33	43	1,511	1,488
Utica, N. Y.	21	24	1,073	1,004
Yonkers, N. Y.	25	36	1,029	1,024
EAST NORTH CENTRAL				
Akron, Ohio	52	42	1,828	1,770
Canton, Ohio	28	29	1,047	963
Chicago, Ill.	684	736	25,447	25,082
Cincinnati, Ohio	133	146	5,149	5,161
Cleveland, Ohio	201	150	7,040	6,988
Columbus, Ohio	108	102	3,826	3,653
Dayton, Ohio	66	44	2,429	2,248
Detroit, Mich.	268	289	10,980	10,853
Evansville, Ind.	17	38	1,031	1,128
Flint, Mich.	38	24	1,271	1,313
Fort Wayne, Ind.	28	33	1,209	1,211
Gary, Ind.	27	28	993	972
Grand Rapids, Mich.	43	40	1,397	1,426
Indianapolis, Ind.	98	105	3,989	3,949
Milwaukee, Wis.	104	103	4,407	4,207
Peoria, Ill.	16	33	1,016	959
South Bend, Ind.	18	27	869	828
Toledo, Ohio	89	88	3,256	3,176
Youngstown, Ohio	44	35	1,883	1,885
WEST NORTH CENTRAL				
Des Moines, Iowa	51	50	1,858	1,714
Duluth, Minn.	16	24	885	894
Kansas City, Kans.	35	24	1,030	1,066
Kansas City, Mo.	102	114	4,040	3,722
Minneapolis, Minn.	114	103	4,218	4,018
Omaha, Nebr.	58	65	2,302	2,208
WEST NORTH CENTRAL—Con.				
St. Louis, Mo.	221	230	8,075	8,002
St. Paul, Minn.	64	62	2,270	2,282
Wichita, Kans.	37	23	1,497	1,386
SOUTH ATLANTIC				
Atlanta, Ga.	101	108	3,697	3,738
Baltimore, Md.	209	201	8,152	7,834
Charlotte, N. C.	22	18	1,112	1,063
Jacksonville, Fla.	48	48	1,816	1,747
Miami, Fla.	62	58	1,679	1,733
Norfolk, Va.	27	23	1,223	1,078
Richmond, Va.	53	70	2,533	2,406
Savannah, Ga.	29	30	1,006	994
Tampa, Fla.	70	53	2,142	2,046
Washington, D. C.	156	125	6,300	6,266
Wilmington, Del.	28	36	1,251	1,190
EAST SOUTH CENTRAL				
Birmingham, Ala.	82	69	2,666	2,618
Chattanooga, Tenn.	29	52	1,562	1,427
Knoxville, Tenn.	19	31	937	1,173
Louisville, Ky.	97	96	3,544	3,625
Memphis, Tenn.	91	111	3,647	3,410
Mobile, Ala.	31	37	1,207	1,132
Montgomery, Ala.	28	24	828	993
Nashville, Tenn.	39	60	2,024	1,805
WEST SOUTH CENTRAL				
Austin, Tex.	35	37	1,044	955
Baton Rouge, La.	13	20	843	758
Corpus Christi, Tex.	21	20	715	659
Dallas, Tex.	101	99	3,745	3,651
El Paso, Tex.	30	27	1,054	918
Fort Worth, Tex.	54	66	2,120	1,983
Houston, Tex.	141	133	5,140	4,545
Little Rock, Ark.	37	31	1,835	1,555
New Orleans, La.	193	190	5,893	5,463
Oklahoma City, Okla.	64	65	2,112	2,129
San Antonio, Tex.	87	84	3,246	2,978
Shreveport, La.	44	39	1,582	1,566
Tulsa, Okla.	20	19	1,615	1,551
MOUNTAIN				
Albuquerque, N. Mex.	28	28	867	762
Colorado Springs, Colo.	18	18	475	431
Denver, Colo.	108	103	3,763	3,687
Ogden, Utah	14	16	418	425
Phoenix, Ariz.	28	25	997	893
Pueblo, Colo.	20	12	439	413
Salt Lake City, Utah	30	47	1,495	1,545
Tucson, Ariz.	20	10	720	188
PACIFIC				
Berkeley, Calif.	16	22	646	572
Long Beach, Calif.	48	54	1,834	1,778
Los Angeles, Calif.	463	453	16,247	15,938
Oakland, Calif.	55	70	3,200	3,105
Pasadena, Calif.	28	26	1,201	1,212
Portland, Oreg.	115	70	3,258	3,196
Sacramento, Calif.	54	40	1,738	1,630
San Diego, Calif.	72	68	2,708	2,549
San Francisco, Calif.	168	170	6,498	6,477
Seattle, Wash.	139	109	4,464	4,326
Spokane, Wash.	39	38	1,567	1,594
Tacoma, Wash.	43	34	1,326	1,293
Honolulu, Hawaii	(28)	(28)	(1,292)	(1,186)

Symbols.—parentheses [( )] : data not included in table 3.

EPIDEMIOLOGICAL REPORTS—Continued

The Nebraska State Department of Health has given preliminary information on 2 outbreaks of gastro-enteritis reported from summer camps within the State. Both were investigated, but the causes have not yet been determined pending laboratory examination. In one instance, 42 of 170 persons became ill with diarrhea, nausea, and some had chills and fever from 5 to 6 hours after an evening meal. Food specimens have been collected for bacteriologic examination but stool specimens were not available.

QUARANTINE MEASURES

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

Changes Reported

Clinic hours at the yellow fever vaccination center located at the Merchant Marine Medical Service, 305 West 18th Street, New York 11, New York (p. 53) have been changed to: Monday through Friday, 9:30 a.m. to 3:30 p.m.; Saturday, 9:30 a.m. to 12 m. The telephone number is Chelsea 3-7157.

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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