

# 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 September 7, 1957

#### EPIDEMIOLOGICAL REPORTS

#### Influenza

The situation with reference to influenza in the United States did not change materially last week. Sporadic cases, very few of which were confirmed by laboratory tests, and a few localized outbreaks characterized the occurrence during this period. Widespread occurrence appeared to be present in only 1 State. Connecticut and Massachusetts state that sporadic unconfirmed cases are being reported. In both upstate New York and the city of New York, small outbreaks have been reported which are described below. In Ohio there have been sporadic cases with no specific area affected and no confirmation by laboratory tests. Absenteeism in Indiana is stated to be less than 1 percent. Illinois has reported a few cases, 1 confirmed. The outbreak among recruits at Great Lakes Training Center, which is

now subsiding, did not reach the proportions reported among recruits in San Diego early in the summer. Wisconsin reported 50 confirmed cases, and Iowa, 3 sporadic cases. In addition to reports of some cases in certain counties of Missouri, there was an outbreak among high school football players in 1 county, with an attack rate of 66 percent. In the South Atlantic States, sporadic cases were reported in Delaware and Maryland. In the South Central States, Louisiana appears to have statewide occurrence of the disease, which is indicated by the fact that 18 parishes representing all parts of the State have submitted specimens for laboratory study. Kentucky and Tennessee, which require notification of cases, reported 368 and 515 cases respectively. Arkansas reported 1 confirmed case. A small outbreak among military personnel was reported to be occurring in Norman, Oklahoma. Wyoming states that no influenza has been re-

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Table 1. Cases of Specified Notifiable Diseases: Continental United States

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

DISEASE	36th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 7, 1957	Ended Sept. 8, 1956	Median 1952-56	First 36 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	-	-	14	31	22	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	11	5	7	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	24	35	35	691	734	1,163	(1)	(1)	(1)	(1)
Diphtheria-----055	17	10	33	623	974	1,160	159	148	289	July 1
Encephalitis, infectious-----082	54	77	77	1,239	1,265	1,173	679	636	580	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	226	232	405	11,236	14,311	22,411	226	232	405	Sept. 1
Malaria-----110-117	5	9	23	108	161	486	(1)	(1)	(1)	(1)
Measles-----085	824	763	763	450,478	577,465	577,465	824	763	763	Sept. 1
Meningococcal infections-----057	34	27	43	1,719	1,992	3,152	34	27	43	Sept. 1
Meningitis, other-----340	70	38	---	1,638	1,059	---	---	---	---	---
Polio myelitis-----080	244	854	2,101	4,130	9,759	19,403	3,604	8,692	17,730	Apr. 1
Paralytic-----080.0,080.1	73	292	---	1,299	4,342	---	1,025	3,759	---	Apr. 1
Nonparalytic-----080.2	124	394	---	2,161	3,720	---	1,998	3,435	---	Apr. 1
Unspecified-----080.3	47	168	---	670	1,697	---	581	1,498	---	Apr. 1
Pittacosis-----096.2	2	6	4	193	377	199	(1)	(1)	(1)	(1)
Rabies in man-----094	2 <sup>1</sup>	-	-	4	6	6	(1)	(1)	(1)	(1)
Typhoid fever-----040	24	56	62	909	1,294	1,513	652	982	1,111	Apr. 1
Typhus fever, endemic-----101	1	-	3	84	77	124	59	58	94	Apr. 1
Rabies in animals-----	64	74	89	3,211	3,523	5,129	4,175	4,550	6,849	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.

<sup>2</sup>Reported in South Carolina.

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

## EPIDEMIOLOGICAL REPORTS—Continued

ported, but that virus studies are in progress in 5 suspect cases. The fact that 244 cases of influenza were reported in 2 counties in Nevada in August was said to indicate epidemic occurrence of the disease in those areas. In Oregon where reports of individual cases of influenza are made there were 237 cases. The Territory of Hawaii reported 114 cases and Puerto Rico 4,257 cases in 39 different communities. While the total number of cases, exclusive of the Territories, was 1,710, it should be reemphasized that few of them were confirmed by laboratory tests.

Dr. Morris Greenberg, New York City Department of Health, reports that *Staphylococcus aureus*, phage type 52,3B,7, was recovered from the lung tissue of the 17-year-old boy who died recently. This strain was sensitive to penicillin and chloramphenicol, very sensitive to the tetracyclines and neomycin, moderately sensitive to streptomycin, and slightly sensitive to bacitracin.

Dr. Greenberg also reported that 240 cases of influenza-like illness occurred on board a military transport from Bremerhaven, Germany, with 1,400 troops aboard. Forty-five were ill when the ship landed in Brooklyn. A similar type of illness was found in a group of 36 foreign exchange students who traveled by bus from Miami to New York. Nine persons were ill in the group, mostly students from Argentina and Guatemala.

Dr. Julia Freitag, New York State Department of Health, states that an outbreak of respiratory disease in a camp in the northern part of the State has not been confirmed as influenza. Five of 7 paired sera showed a fourfold rise in cold agglutinins. She also reported that an outbreak of respiratory disease among Bahamian farm laborers is under investigation in a labor camp. Migrant Negro workers in the camp were not affected.

Dr. D. S. Fleming, Minnesota Department of Health, has reported an outbreak of influenza-like illness among 123 Bahamian cornpickers who arrived September 4. Two cases were suspected when the group reached Minneapolis. They had traveled by plane and bus. The group was divided and sent to 2 areas where 18 cases occurred in 1 contingent and 4 in the other. These laborers had no known contact with the group in New York State reported above.

Dr. F. S. Leeder, Michigan Department of Health, states that an Asian strain of type A influenza virus has been isolated from throat washings taken during an epidemic in a Boy Scout camp. No connection with the Boy Scout Jamboree could be established. On August 11, there was 1 case, and 3 days later there were 28. Three staff personnel and 25 boys of the 75 camp members were ill.

Dr. Keith Maddy, Arizona Department of Health, has reported an outbreak of influenza-like disease among 800 inmates and 200 guards in a State prison. No unusual amount of illness has been noted in the surrounding community.

Dr. A. L. Gray, Mississippi Board of Health, has reported an investigation of an outbreak of illness in the southwestern part of the State. An unusual amount of illness was noted about August 12, the symptoms consisting of fever, headache, cough, and malaise. The onset was abrupt and a short incubation period was apparent. Insecticide poisoning was suspected because of dusting and spraying operations in the area involved. However, cholinesterase blood levels were found to be within normal limits in all specimens examined, and a history of direct contact with the poison was not obtained from those who were ill. The outbreak was

found to have the characteristics of a viral infection, possibly influenza. However, the duration of symptoms, 7 days or longer in 38 percent of the cases, was not characteristic of the disease.

The World Health Organization, Geneva, reports that shortly after their return to Sweden on August 18, 90 scouts, who were among 800 attending an International Jamboree in England, were affected with influenza. A virus provisionally identified as A/Asia/57 has been isolated. A similar type of infection has been noted in young persons who returned from a Youth Festival in Moscow. Studies on the virus are in progress.

Aseptic meningitis

The Minnesota State Department of Health has summarized the occurrence of aseptic meningitis in the State. From July 1 to August 28 of the current year 380 cases were found which fall into the general category of aseptic meningitis, some with rash and some without. These have been reported variously as nonparalytic poliomyelitis, suspect encephalitis, aseptic meningitis, or "Boston exanthem." The peak in number of cases by date of onset was reached early in August. Case rates were highest in the age groups from 5 to 19 years; 58 percent of the cases were in males. Cases were reported in 44 of the 87 counties in the State, 60 percent of the total being in the metropolitan areas of Minneapolis and St. Paul. Secondary attack rates in some families were found to be high. Among virus isolations made in laboratories in the State during the period of this outbreak, one was of ECHO-9 virus from a group of patients having aseptic meningitis rash syndrome. However, it appears that more than one virus may be implicated in the outbreak.

Encephalitis

Drs. James O. Bond and N. J. Schneider, Florida State Board of Health, have reported a case of encephalitis in a 21-month-old girl. Onset of illness occurred during the period of an epidemic of the disease in horses in the area where the child resided. The clinical findings were those of encephalitis with decerebrate rigidity and generalized convulsions controlled only by continuous dilantin therapy. Laboratory examination of paired serum specimens showed a rise in titer against eastern equine encephalomyelitis. This is the second laboratory confirmed case of eastern equine encephalomyelitis in Florida this year.

Gastro-enteritis

The Illinois State Department of Public Health has reported 4 cases of gastro-enteritis in persons who attended a picnic. They became ill with nausea, vomiting, abdominal cramps, diarrhea, and chills within 2 hours after eating corned beef and other foods served. The corned beef was the suspected vehicle and 4 employees at the store where it was purchased had positive throat cultures for *staphylococcus*.

Dr. C. B. Tucker, Tennessee Department of Health, has reported an outbreak of gastro-enteritis following the ingestion of pies purchased from a bakery. These pies were distributed through several outlets serving an estimated 500 customers. Sixty-two cases with nausea, vomiting, diarrhea, and some with abdominal cramps developed from 2½ to 4 hours after eating pies from the bakery. Most of these cases were associated with Boston cream pies, but no samples were collected for laboratory examination.

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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 SEPTEMBER 8, 1956 AND SEPTEMBER 7, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		36th week		Cumulative first 36 weeks		082		36th week		Cumulative first 36 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	24	35	17	10	623	974	54	77	226	232	11,236	14,311
NEW ENGLAND-----	-	-	-	-	19	11	-	2	15	16	621	930
Maine-----	-	-	-	-	3	-	-	-	7	8	196	226
New Hampshire-----	-	-	-	-	-	1	-	-	-	1	8	28
Vermont-----	-	-	-	-	-	-	-	-	-	-	86	116
Massachusetts-----	-	-	-	-	16	10	-	2	4	3	179	231
Rhode Island-----	-	-	-	-	-	-	-	-	1	2	59	118
Connecticut-----	-	-	-	-	-	-	-	-	3	2	93	211
MIDDLE ATLANTIC-----	1	-	-	2	59	49	10	6	38	51	1,748	3,075
New York-----	-	-	-	-	30	18	10	6	25	25	1,058	1,595
New Jersey-----	-	-	-	1	9	13	-	-	1	5	228	281
Pennsylvania-----	1	-	-	1	20	18	-	-	12	21	462	1,199
EAST NORTH CENTRAL-----	12	8	-	-	38	174	11	17	28	34	1,928	2,144
Ohio-----	-	1	-	-	9	14	6	13	9	7	491	539
Indiana-----	-	-	-	-	9	84	-	2	2	-	275	303
Illinois-----	8	7	-	-	3	8	4	2	4	6	423	490
Michigan-----	-	-	-	-	15	66	1	-	6	19	535	570
Wisconsin-----	4	-	-	-	2	2	-	-	7	2	204	242
WEST NORTH CENTRAL-----	8	11	-	1	51	93	8	5	17	12	674	1,213
Minnesota-----	-	1	-	-	21	25	-	-	3	2	235	378
Iowa-----	4	5	-	-	7	17	2	-	5	3	162	320
Missouri-----	-	-	-	-	1	10	-	1	3	3	112	69
North Dakota-----	-	2	-	-	3	5	4	-	4	3	89	96
South Dakota-----	-	2	-	1	6	7	-	1	1	-	33	154
Nebraska-----	-	-	-	-	8	26	-	3	-	-	20	90
Kansas-----	4	1	-	-	5	3	2	-	1	1	23	106
SOUTH ATLANTIC-----	2	6	9	3	188	216	2	1	25	15	860	902
Delaware-----	-	-	-	-	-	-	-	-	-	1	7	28
Maryland-----	1	-	-	-	2	1	-	-	-	1	84	75
District of Columbia-----	-	-	-	-	-	1	-	-	-	-	10	18
Virginia-----	-	2	1	-	11	23	1	-	11	3	339	349
West Virginia-----	-	1	1	-	5	5	-	-	-	-	74	52
North Carolina-----	1	-	2	-	25	31	-	-	-	8	75	90
South Carolina-----	-	-	4	1	38	48	1	1	-	-	24	54
Georgia-----	-	3	1	2	45	52	-	-	1	1	93	118
Florida-----	-	-	-	-	62	55	-	-	2	1	154	118
EAST SOUTH CENTRAL-----	-	2	7	2	87	125	6	3	23	20	1,493	1,253
Kentucky-----	-	-	-	-	13	10	4	-	10	4	632	387
Tennessee-----	-	-	-	1	9	20	2	1	8	7	561	529
Alabama-----	-	1	3	-	37	59	-	2	4	6	192	157
Mississippi-----	-	1	4	1	28	36	-	-	1	3	108	180
WEST SOUTH CENTRAL-----	1	7	1	2	124	234	7	38	33	17	863	1,058
Arkansas-----	1	1	-	-	12	18	-	-	3	1	65	96
Louisiana-----	-	1	-	-	10	26	-	-	-	-	46	111
Oklahoma-----	-	3	1	1	18	57	-	-	3	2	101	83
Texas-----	-	2	-	1	84	133	7	38	27	14	651	768
MOUNTAIN-----	-	1	-	-	26	24	2	1	24	14	967	1,268
Montana-----	-	-	-	-	9	3	2	-	7	-	132	317
Idaho-----	-	-	-	-	1	1	-	-	5	3	77	162
Wyoming-----	-	-	-	-	1	4	-	1	-	-	45	69
Colorado-----	-	-	-	-	2	3	-	-	7	8	156	290
New Mexico-----	-	1	-	-	9	5	-	-	4	-	321	109
Arizona-----	-	-	-	-	3	5	-	-	1	2	173	253
Utah-----	-	-	-	-	1	3	-	-	-	1	38	64
Nevada-----	-	-	-	-	-	-	-	-	-	-	25	4
PACIFIC-----	-	-	-	-	31	48	8	4	23	53	2,082	2,468
Washington-----	-	-	-	-	22	9	-	-	11	6	277	512
Oregon-----	-	-	-	-	2	11	-	-	3	16	395	487
California-----	-	-	-	-	7	28	8	4	9	31	1,410	1,469
Alaska-----	-	-	-	-	-	35	-	-	-	-	67	67
Hawaii-----	-	-	-	-	-	-	-	-	1	-	34	43
Puerto Rico-----	-	-	-	1	38	50	-	-	-	4	120	184

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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 SEPTEMBER 8, 1956 AND SEPTEMBER 7, 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 <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	36th week		Cumulative first 36 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	244	854	4,130	9,759	73	292	124	394	5	9	824	763
NEW ENGLAND-----	6	13	56	177	-	4	5	8	1	-	52	15
Maine-----	1	2	6	18	-	2	1	-	1	-	5	3
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	-	2
Vermont-----	1	-	4	17	-	-	1	-	-	-	11	7
Massachusetts-----	1	5	13	81	-	1	1	4	-	-	32	7
Rhode Island-----	-	-	-	8	-	-	-	-	-	-	-	1
Connecticut-----	3	6	29	50	-	1	2	4	-	-	4	-
MIDDLE ATLANTIC-----	22	77	223	641	5	19	14	32	-	-	113	123
New York-----	12	42	134	422	4	10	8	20	-	-	77	77
New Jersey-----	9	25	53	124	1	9	6	12	-	-	18	28
Pennsylvania-----	1	10	36	95	-	-	-	-	-	-	18	18
EAST NORTH CENTRAL-----	87	275	985	2,654	14	102	43	115	-	-	186	105
Ohio-----	10	46	178	340	1	12	5	17	-	-	18	13
Indiana-----	4	19	96	220	3	8	-	10	-	-	3	5
Illinois-----	32	103	224	1,442	6	43	16	41	-	-	20	14
Michigan-----	25	48	307	368	2	21	21	24	-	-	21	25
Wisconsin-----	16	59	180	284	2	18	1	23	-	-	124	48
WEST NORTH CENTRAL-----	28	136	345	1,019	8	11	16	95	-	1	29	11
Minnesota-----	4	15	35	120	4	2	-	13	-	-	-	2
Iowa-----	7	51	52	408	1	2	5	49	-	1	7	-
Missouri-----	8	29	100	245	1	3	7	9	-	-	1	1
North Dakota-----	-	3	8	14	-	1	-	2	-	-	19	5
South Dakota-----	-	-	32	24	-	-	-	-	-	-	1	3
Nebraska-----	5	19	64	89	2	-	3	19	-	-	1	-
Kansas-----	4	19	54	119	-	3	1	3	-	-	-	-
SOUTH ATLANTIC-----	30	92	566	916	17	36	10	44	-	2	86	64
Delaware-----	-	2	4	13	-	-	-	2	-	-	1	-
Maryland-----	-	3	9	41	-	3	-	-	-	-	10	4
District of Columbia-----	7	2	35	6	7	2	-	-	-	-	4	-
Virginia-----	5	15	65	141	3	8	2	7	-	-	20	24
West Virginia-----	1	5	20	68	-	3	1	2	-	-	33	-
North Carolina-----	5	14	175	193	2	5	3	9	-	-	1	-
South Carolina-----	3	7	96	76	2	2	1	3	-	-	7	28
Georgia-----	2	28	61	144	1	9	-	12	-	-	1	8
Florida-----	7	16	101	234	2	4	3	9	-	2	9	-
EAST SOUTH CENTRAL-----	8	35	285	435	4	16	4	13	3	-	75	154
Kentucky-----	3	14	66	126	2	6	1	7	3	-	38	45
Tennessee-----	3	6	98	88	2	3	1	3	-	-	20	86
Alabama-----	-	3	32	51	-	-	-	-	-	-	16	20
Mississippi-----	2	12	89	170	-	7	2	3	-	-	1	3
WEST SOUTH CENTRAL-----	34	90	903	1,750	16	42	16	45	1	2	104	118
Arkansas-----	1	9	53	127	1	6	-	3	-	-	3	-
Louisiana-----	3	28	141	468	2	16	1	12	-	-	1	3
Oklahoma-----	8	6	98	154	4	1	2	2	1	1	11	106
Texas-----	22	47	611	1,001	9	19	13	28	-	1	89	53
MOUNTAIN-----	10	56	177	511	4	20	2	12	-	1	98	8
Montana-----	1	3	9	27	-	1	1	2	-	-	38	3
Idaho-----	1	6	16	74	-	2	-	-	-	-	4	-
Wyoming-----	1	7	11	23	1	5	-	1	-	-	3	-
Colorado-----	2	13	27	87	1	7	1	4	-	-	12	16
New Mexico-----	2	5	42	49	-	1	-	1	-	-	8	9
Arizona-----	-	8	39	101	-	4	-	4	-	1	18	4
Utah-----	3	8	29	122	2	-	-	-	-	-	15	8
Nevada-----	-	6	4	28	-	-	-	-	-	-	-	5
PACIFIC-----	19	80	590	1,656	5	42	14	30	-	3	81	120
Washington-----	2	17	10	113	2	5	-	5	-	-	28	22
Oregon-----	1	6	36	101	-	-	1	5	-	-	25	22
California-----	16	57	544	1,442	3	37	13	20	-	3	28	76
Alaska-----	1	-	3	10	1	-	-	-	-	-	6	19
Hawaii-----	2	2	3	60	2	-	-	-	-	-	6	59
Puerto Rico-----	4	1	26	35	3	1	1	-	-	-	11	58

<sup>1</sup>Includes cases not specified by type, category number 080.3.

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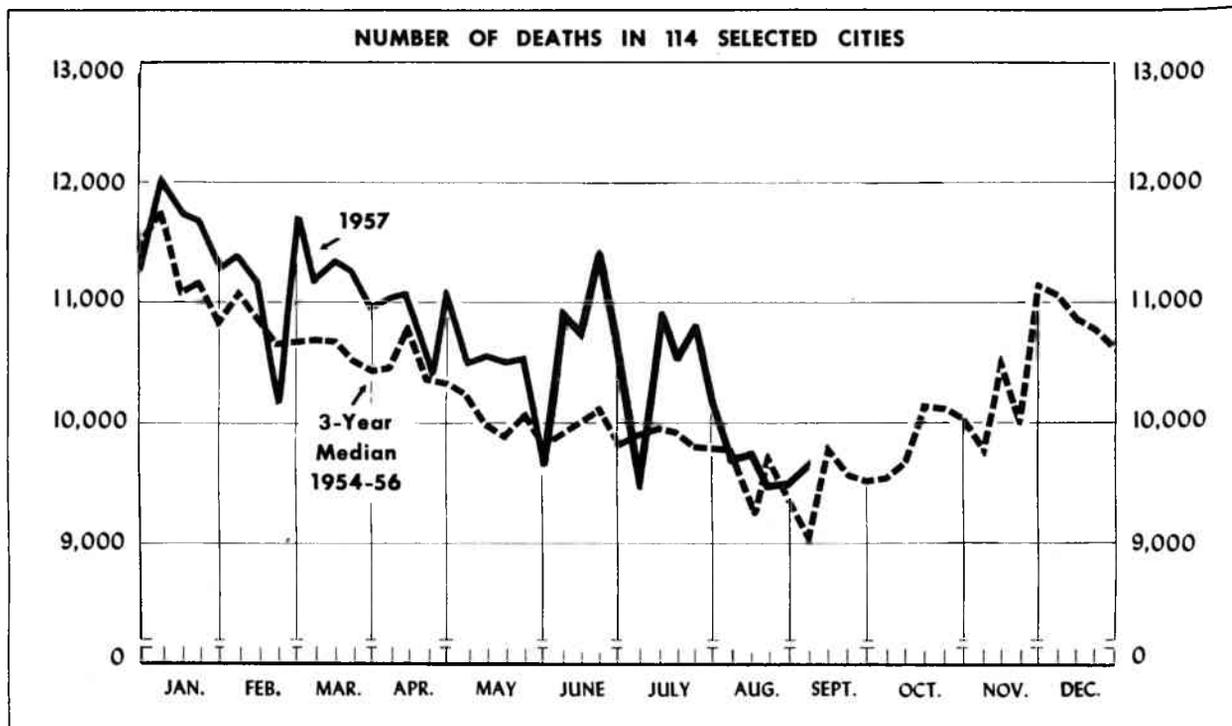
**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 8, 1956 AND SEPTEMBER 7, 1957—Continued**

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENTERIC	RABIES IN ANIMALS	
			340			36th week		Cumulative first 36 weeks		101		
	057	1957	1956	1957	1956	1957	1956	1957	1956	1957	1957	1956
CENT. UNITED STATES-----	34	27	70	2	6	24	56	909	1,294	1	64	74
NEW ENGLAND-----	3	1	1	-	-	-	-	19	41	-	-	-
Maine-----	-	-	-	-	-	-	-	2	12	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	2	1	1	-	-	-	-	8	13	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	4	5	-	-	-
Connecticut-----	-	-	-	-	-	-	-	3	10	-	-	-
MIDDLE ATLANTIC-----	1	5	-	-	-	3	4	92	169	-	12	8
New York-----	1	3	-	-	-	-	1	38	50	-	12	8
New Jersey-----	-	-	-	-	-	1	1	19	22	-	-	-
Pennsylvania-----	-	2	-	-	-	2	2	35	97	-	-	-
EAST NORTH CENTRAL-----	8	5	10	-	2	5	11	121	182	-	10	10
Ohio-----	-	3	-	-	-	4	6	49	41	-	5	5
Indiana-----	2	-	3	-	1	1	2	38	22	-	-	1
Illinois-----	3	1	6	-	1	-	-	14	32	-	4	2
Michigan-----	3	1	1	-	-	-	3	10	45	-	1	-
Wisconsin-----	-	-	-	-	-	-	-	10	42	-	-	2
WEST NORTH CENTRAL-----	6	6	7	-	1	1	9	64	164	-	12	9
Minnesota-----	-	-	-	-	-	1	1	5	34	-	8	4
Iowa-----	-	2	7	-	1	-	1	16	56	-	2	-
Missouri-----	2	2	-	-	-	-	6	33	44	-	2	2
North Dakota-----	4	-	-	-	-	-	-	1	6	-	-	-
South Dakota-----	-	1	-	-	-	-	-	4	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	12	-	-	3
Kansas-----	-	1	-	-	-	-	1	5	9	-	-	-
SOUTH ATLANTIC-----	4	3	23	-	-	4	10	161	211	1	7	15
Delaware-----	-	-	-	-	-	1	-	1	2	-	-	2
Maryland-----	-	-	1	-	-	-	-	6	17	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	8	11	-	-	-
Virginia-----	-	1	19	-	-	-	4	36	40	-	2	5
West Virginia-----	-	-	-	-	-	-	-	42	20	-	-	2
North Carolina-----	1	1	-	-	-	-	-	12	23	-	2	1
South Carolina-----	-	-	1	-	-	1	1	14	24	-	1	4
Georgia-----	-	1	2	-	-	2	3	25	38	-	-	1
Florida-----	3	-	-	-	-	1	1	37	36	1	2	-
EAST SOUTH CENTRAL-----	7	3	4	-	-	4	4	141	162	-	11	13
Kentucky-----	1	-	2	-	-	1	1	43	35	-	10	2
Tennessee-----	-	1	2	-	-	2	2	57	62	-	-	-
Alabama-----	6	1	-	-	-	1	-	11	17	-	-	9
Mississippi-----	-	1	-	-	-	-	1	30	48	-	1	2
WEST SOUTH CENTRAL-----	-	1	4	-	-	6	17	199	240	-	7	16
Arkansas-----	-	1	1	-	-	-	4	33	54	-	3	4
Louisiana-----	-	-	-	-	-	2	-	47	35	-	-	12
Oklahoma-----	-	-	1	-	-	1	7	23	36	-	-	-
Texas-----	-	-	2	-	-	3	6	96	115	-	4	-
MOUNTAIN-----	4	1	17	1	-	1	-	37	46	-	-	-
Montana-----	3	1	4	-	-	-	-	2	3	-	-	-
Idaho-----	-	-	1	-	-	1	-	4	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	-	7	-	-	-	-	10	9	-	-	-
New Mexico-----	-	-	3	-	-	-	-	12	12	-	-	-
Arizona-----	1	-	2	-	-	-	-	7	15	-	-	-
Utah-----	-	-	-	1	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	1	2	4	1	3	-	1	55	79	-	5	3
Washington-----	-	-	1	-	1	-	-	3	2	-	-	-
Oregon-----	-	-	3	-	-	-	-	5	7	-	-	-
California-----	1	2	-	1	2	-	1	47	70	-	5	3
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	1	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	1	15	38	-	-	-

Symbols.--1 dash [-]: no cases reported.

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, 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	36th week ended Sept. 7, 1957	35th week ended Aug. 31, 1957	36th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 36 WEEKS		
					1957	1956	Percent change
TOTAL: 112 REPORTING CITIES-----	9,636	9,454	8,982	+7.3	385,069	375,966	+2.4
New England----- (14 cities)	591	630	587	+0.7	24,862	24,370	+2.0
Middle Atlantic----- (20 cities)	2,842	2,697	2,606	+9.1	112,231	110,461	+1.6
East North Central----- (19 cities)	2,104	2,070	1,985	+6.0	83,241	81,820	+1.7
West North Central----- (9 cities)	699	691	660	+5.9	27,565	26,660	+3.4
South Atlantic----- (11 cities)	848	799	717	+18.3	32,548	31,690	+2.7
East South Central----- (8 cities)	413	439	399	+3.5	17,267	16,973	+1.7
West South Central----- (13 cities)	755	828	749	+0.8	32,527	30,379	+7.1
Mountain----- (6 cities)	196	183	178	+10.1	7,836	7,675	+2.1
Pacific----- (12 cities)	1,188	1,117	1,084	+9.6	46,992	45,938	+2.3

# Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	36th week ended Sept. 7, 1957	35th week ended Aug. 31, 1957	CUMULATIVE NUMBER FIRST 36 WEEKS		AREA	36th week ended Sept. 7, 1957	35th week ended Aug. 31, 1957	CUMULATIVE NUMBER FIRST 36 WEEKS	
			1957	1956				1957	1956
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston, Mass.-----	188	211	8,397	8,199	St. Louis, Mo.-----	230	224	8,529	8,438
Bridgeport, Conn.-----	35	36	1,342	1,338	St. Paul, Minn.-----	47	66	2,383	2,388
Cambridge, Mass.-----	27	26	1,081	1,081	Wichita, Kans.-----	38	44	1,579	1,450
Fall River, Mass.-----	20	27	960	991	<b>SOUTH ATLANTIC</b>				
Hartford, Conn.-----	38	58	1,749	1,707	Atlanta, Ga.-----	85	96	3,878	3,938
Lowell, Mass.-----	38	19	1,006	865	Baltimore, Md.-----	208	194	8,554	8,272
Lynn, Mass.-----	20	24	736	762	Charlotte, N. C.-----	28	34	1,174	1,118
New Bedford, Mass.-----	27	20	871	811	Jacksonville, Fla.-----	52	52	1,920	1,843
New Haven, Conn.-----	29	40	1,630	1,639	Miami, Fla.-----	60	56	1,786	1,814
Providence, R. I.-----	45	44	2,221	2,256	Norfolk, Va.-----	31	32	1,286	1,159
Somerville, Mass.-----	15	2	484	566	Richmond, Va.-----	85	78	2,696	2,518
Springfield, Mass.-----	38	40	1,533	1,488	Savannah, Ga.-----	33	20	1,058	1,032
Waterbury, Conn.-----	26	25	904	895	Tampa, Fla.-----	66	40	2,248	2,142
Worcester, Mass.-----	45	58	1,948	1,774	Washington, D. C.-----	174	166	6,640	6,590
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	26	31	1,308	1,264
Albany, N. Y.-----	52	49	1,768	1,757	<b>EAST SOUTH CENTRAL</b>				
Allentown, Pa.-----	28	24	1,349	1,343	Birmingham, Ala.-----	63	63	2,792	2,745
Buffalo, N. Y.-----	140	132	5,138	5,065	Chattanooga, Tenn.-----	44	46	1,652	1,508
Camden, N. J.-----	42	27	1,434	1,400	Knoxville, Tenn.-----	19	24	980	1,218
Elizabeth, N. J.-----	27	17	1,018	996	Louisville, Ky.-----	83	94	3,721	3,793
Erie, Pa.-----	25	40	1,281	1,195	Memphis, Tenn.-----	90	79	3,816	3,563
Jersey City, N. J.-----	52	43	2,444	2,542	Mobile, Ala.-----	35	44	1,286	1,198
Newark, N. J.-----	96	75	3,688	3,403	Montgomery, Ala.-----	25	31	884	1,038
New York City, N. Y.-----	1,494	1,332	56,565	55,699	Nashville, Tenn.-----	54	58	2,136	1,910
Peterborough, N. J.-----	35	39	1,402	1,331	<b>WEST SOUTH CENTRAL</b>				
Philadelphia, Pa.-----	352	457	17,360	17,243	Austin, Tex.-----	15	18	1,077	1,012
Pittsburgh, Pa.-----	171	177	6,473	6,531	Baton Rouge, La.-----	27	17	887	794
Reading, Pa.-----	18	22	831	774	Corpus Christi, Tex.-----	15	21	751	700
Rochester, N. Y.-----	108	85	3,421	3,357	Dallas, Tex.-----	92	102	3,939	3,862
Schenectady, N. Y.-----	25	14	840	802	El Paso, Tex.-----	26	33	1,113	967
Scranton, Pa.-----	27	30	1,357	1,234	Fort Worth, Tex.-----	48	62	2,230	2,106
Syracuse, N. Y.-----	57	58	2,080	2,093	Houston, Tex.-----	144	108	5,392	4,802
Trenton, N. J.-----	31	37	1,579	1,563	Little Rock, Ark.-----	25	63	1,923	1,654
Utica, N. Y.-----	39	19	1,131	1,068	New Orleans, La.-----	158	174	6,225	5,764
Yonkers, N. Y.-----	23	20	1,072	1,065	Oklahoma City, Okla.-----	60	48	2,220	2,253
<b>EAST NORTH CENTRAL</b>					San Antonio, Tex.-----	88	104	3,438	3,166
Akron, Ohio-----	45	52	1,925	1,861	Shreveport, La.-----	24	54	1,660	1,637
Canton, Ohio-----	19	30	1,096	1,011	Tulsa, Okla.-----	33	24	1,672	1,662
Chicago, Ill.-----	674	676	26,797	26,363	<b>MOUNTAIN</b>				
Cincinnati, Ohio-----	128	127	5,404	5,422	Albuquerque, N. Mex.-----	19	26	912	807
Cleveland, Ohio-----	215	165	7,420	7,314	Colorado Springs, Colo.-----	14	3	492	461
Columbus, Ohio-----	96	113	4,035	3,859	Denver, Colo.-----	89	100	3,952	3,883
Dayton, Ohio-----	65	64	2,558	2,358	Ogden, Utah-----	13	9	440	447
Detroit, Mich.-----	278	274	11,532	11,470	Phoenix, Ariz.-----	---	(25)	---	(334)
Evansville, Ind.-----	44	29	1,104	1,181	Pueblo, Colo.-----	12	10	461	442
Flint, Mich.-----	29	31	1,331	1,390	Salt Lake City, Utah-----	49	35	1,579	1,635
Fort Wayne, Ind.-----	37	26	1,272	1,277	Tucson, Ariz.-----	---	(19)	---	(211)
Gary, Ind.-----	29	24	1,046	1,021	<b>PACIFIC</b>				
Grand Rapids, Mich.-----	41	37	1,475	1,502	Berkeley, Calif.-----	19	16	681	592
Indianapolis, Ind.-----	110	137	4,236	4,153	Long Beach, Calif.-----	50	51	1,935	1,867
Milwaukee, Wis.-----	111	115	4,633	4,431	Los Angeles, Calif.-----	375	337	16,959	16,748
Peoria, Ill.-----	21	20	1,057	1,030	Oakland, Calif.-----	86	92	3,378	3,245
South Bend, Ind.-----	22	32	923	868	Pasadena, Calif.-----	44	41	1,286	1,294
Toledo, Ohio-----	82	82	3,420	3,342	Portland, Oreg.-----	111	71	3,440	3,398
Youngstown, Ohio-----	58	36	1,977	1,967	Sacramento, Calif.-----	42	45	1,825	1,715
<b>WEST NORTH CENTRAL</b>					San Diego, Calif.-----	63	83	2,854	2,665
Des Moines, Iowa-----	51	37	1,946	1,802	San Francisco, Calif.-----	212	180	6,890	6,838
Duluth, Minn.-----	13	24	922	931	Seattle, Wash.-----	117	118	4,699	4,547
Kansas City, Kans.-----	15	21	1,066	1,124	Spokane, Wash.-----	36	37	1,640	1,668
Kansas City, Mo.-----	118	93	4,251	3,938	Tacoma, Wash.-----	33	46	1,405	1,361
Minneapolis, Minn.-----	116	118	4,452	4,270	Honolulu, Hawaii-----	(43)	(39)	(1,374)	(1,240)
Omaha, Nebr.-----	71	64	2,437	2,319					

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

# Morbidity and Mortality Weekly Report

## EPIDEMIOLOGICAL REPORTS—Continued

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis among members of a party who ate in a public eating place. Fifteen persons became ill from 10 to 12 hours after the meal. An investigation revealed poor sanitary conditions in the restaurant kitchen, including the method of handling food. No food was available for bacteriologic examination.

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported an outbreak of gastro-enteritis. The attending physician apparently did not name the place of occurrence. It was stated that 8 persons became ill with nausea, vomiting, and diarrhea about 3 hours after eating ham. *Staphylococcus aureus* was found in the ham.

The Los Angeles City (California) Health Department has reported 2 cases of gastro-enteritis in a private family. They became ill with vomiting, cramps, and diarrhea about 3 hours after eating coconut custard cake. The cake had been left unrefrigerated for about 20 hours in the home. At the bakery where it had been purchased the cake probably remained in a showcase at 80° F. for 9½ hours. Laboratory examination of a sample of the cake revealed a large number of pathogenic micrococci.

The Los Angeles County (California) Health Department has reported 2 outbreaks of gastro-enteritis—one in a private residence and the other in a cafe. In the private residence 13 of 26 persons who ate chili beans became ill from 4 to 6 hours later. The chili beans had been prepared and cooked the previous day and left unrefrigerated. An investigation revealed that one food handler had had diarrhea 3 days before onset of this outbreak. Stool specimens from the food handler and 11 of the patients were negative. None of the chili beans was available for bacteriologic examination. In the cafe, 4 persons became ill in about 45 minutes after eating hamburgers. An investigation failed to determine the cause. The restaurant was clean at the time of inspection and the temperature of the refrigerator was 40° F.

### Leptospirosis

Dr. S. P. Gyland, a physician in Jacksonville, Florida, has reported a case of leptospirosis in a 7-year-old boy. This case followed an illness of a pet dog in the household, which was also diagnosed as leptospirosis. The case in the child was confirmed by the State Board of Health laboratory by titer against *Leptospira canicola* antigen.

## QUARANTINE MEASURES

### Immunization Information for International Travel

Public Health Service Publication No. 384

The following names should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

Center	Clinic hours	Fee
Mississippi State Board of Health Division of Preventable Disease Control Old Capitol Building Jackson, Mississippi Tel. 2-2767	By appointment only	Yes
Duke Hospital Student Health Office Durham, North Carolina Tel: Durham 9011, x5234	By appointment only	Yes

## 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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