

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 6, 1957

Mortality

The drop in the numbers of deaths reported by the major cities (see chart on page 6) for the week ended July 6 is because of the Fourth of July holiday. Whenever a holiday falls on the last day or on the next to the last day of the workweek, the number of death certificates received for that week is usually low, while the number for the following week is high. The sharp fluctuations in February, May, and July of 1957 were caused when city vital statistics offices closed Friday February 22 (Washington's Birthday) and sent in a short report for the week when Memorial Day fell on Thursday and for this present week when Independence Day fell on Thursday.

The provisional figures shown in tables 3 and 4 are compiled from reports of the number of death certificates received each week in the vital statistics office of each city. The weekly

count includes all certificates filed for deaths occurring in the area regardless of the date of death. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. Differences are to be expected because of variations in the interval between death and receipt of the certificate.

Poliomyelitis in vaccinated persons

The Poliomyelitis Surveillance Unit of the Communicable Disease Center reports that, through June 19, 1957, only 42 persons were reported to have contracted paralytic poliomyelitis in 1956 and 1957 after receiving 3 injections of the polio vaccine. This number includes 2 fatalities: 1 case not fully identified as poliomyelitis which occurred in Indiana

Continued on page 2

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	27th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 6, 1957 ¹	Ended July 7, 1956	Median 1952-56	First 27 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ²	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	-	-	11	28	19	(³)	(³)	(³)	(³)
Botulism-----049.1	2 ¹	1	-	1	2	6	(³)	(³)	(³)	(³)
Brucellosis (undulant fever)-----044	13	16	31	516	522	817	(³)	(³)	(³)	(³)
Diphtheria-----055	5	20	20	469	846	923	5	20	20	July 1
Encephalitis, infectious-----082	49	25	25	745	795	704	185	166	144	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	207	273	407	9,196	11,925	17,815	14,395	19,428	---	Sept. 1
Malaria-----110-117	3	4	16	52	102	243	(³)	(³)	(³)	(³)
Measles-----110-117	6,419	8,017	7,250	427,275	551,975	551,975	464,479	581,073	581,073	Sept. 1
Meningococcal infections-----057	33	39	50	1,409	1,710	2,703	2,140	2,633	3,932	Sept. 1
Meningitis, other-----340	45	14	---	936	762	---	---	---	---	---
Poliomyelitis-----080	154	273	562	1,557	2,927	4,294	1,030	1,860	3,048	Apr. 1
Paralytic-----080.0,080.1	50	127	---	674	1,527	---	400	944	---	Apr. 1
Nonparalytic-----080.2	88	91	---	674	903	---	511	618	---	Apr. 1
Unspecified-----080.3	16	55	---	209	497	---	119	298	---	Apr. 1
Psittacosis-----096.2	11	17	5	158	281	163	(³)	(³)	(³)	(³)
Rabies in man-----094	-	-	-	3	5	3	(³)	(³)	(³)	(³)
Typhoid fever-----040	26	38	48	564	882	885	307	570	563	Apr. 1
Typhus fever, endemic-----101	2	7	7	59	52	87	34	33	50	Apr. 1
Rabies in animals-----	66	47	94	2,618	2,869	4,178	3,582	3,896	5,693	Oct. 1

¹Data exclude report from Vermont for the current week.

²Reported in Colorado.

³Data show no pronounced seasonal change in incidence.

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

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in 1956 and 1 confirmed case which occurred in New Mexico in January 1957. A study conducted by the California Department of Public Health last year indicated that the vaccine is about 90 percent effective after 3 injections. Paralysis was found to be milder among persons with 1 or more injections than among unvaccinated persons. These 42 persons are among an estimated 20.2 million who received 3 injections.

EPIDEMIOLOGICAL REPORTS

Influenza

Dr. G. D. Carlyle Thompson, Executive Officer, Montana State Board of Health, states that 3 persons in military service who had been exposed at San Diego, California, developed influenza-like illnesses 2 days after arriving in Montana.

Dr. W. R. Giedt, Washington State Department of Health, states that although a few sporadic cases of influenza-like disease have been reported during the past several weeks, no evidence of any beginning "outbreak" has appeared. Examination of 31 blood specimens for influenza antibodies during the month of June did not indicate the presence of significant titers against type A strains. A few throat washings have been examined but with negative results so far.

Dr. C. R. Hayman, Alaska Commissioner of Health, states that a few cases of influenza were reported in Ketchikan and Anchorage in June.

An outbreak of respiratory disease has occurred in Salt Lake City in a group of young people, 17 to 19 years of age, who were on a bus tour from San Francisco to New York. There were 35 students and 2 chaperons in the party. When they arrived in Salt Lake City on July 1, they were housed in private homes. On the day of arrival, 5 were ill, and by July 5 there were 30 cases reported, an overall attack rate of 85 percent. One secondary case occurred in a household in which some of the students were staying. Symptoms were typical of influenza: abrupt onset, fever ranging from 101° to 104° F., malaise, muscular aches and pains, and cough. Laboratory specimens are being examined in the Utah State Department of Health laboratory.

Dr. J. O. Culver, California State Department of Public Health, reports that a Far East-like strain of influenza virus was isolated from specimens obtained from teen-age girls at Davis. He also reports isolation of a hemagglutinating agent from an outbreak at Fort Ord. Dr. P. K. Condit states that outbreaks of respiratory disease have occurred in several summer camps in the State, but an etiologic agent has not been determined. During the 3 weeks ended July 3, it appeared that the incidence of acute febrile respiratory disease in California was higher than normal, but there was no evidence of a widespread epidemic.

Dr. W. S. Jordan, Western Reserve University, Cleveland, Ohio, has reported the isolation of a Far East-like strain of virus from a person who was ill on June 21. No apparent increase in respiratory disease rates in the area was noted.

Information has been received that strains of virus isolated from cases of influenza at the Naval Training Center, San Diego, California, are antigenically similar to Far East strains.

Dr. A. P. McKee, University of Iowa, has reported that studies of laboratory specimens from persons ill with a respiratory disease in Grinnell, Iowa, are still in progress. In this outbreak, about 1,800 young people were assembled from 43 States and 8 foreign countries and were housed in dormitories designed for 900 persons. One group traveled together in railway coaches from the west coast and on arrival in Grinnell 1 person was ill. Within 3 days there were more than 200 cases.

After the assembly was terminated, small groups returning home were reported to be ill after reaching Chicago, Denver, and Kentucky.

It has been reported from Guam that over 1,000 cases of influenza occurred in civilians. Cases have been mild to moderately severe, and those with pneumonia have responded well to antibiotics. There were 2 deaths which might be attributed to influenza.

The World Health Organization has reported an outbreak of influenza in a girls' institute near Amsterdam, the Netherlands, affecting about 30 percent of the inmates. The virus strain A/Singapore/1/57 has been isolated from 1 case. The epidemic is spreading to other parts of the country with high incidence rates in schools; but cases have also been occurring in adults. One death was reported in which staphylococcal pneumonia was a complication. Epidemics were reported on board 2 ocean liners prior to arrival in Amsterdam and Rotterdam.

Epidemics have also been reported in Czechoslovakia and Rumania. Typing of viruses isolated in each of these areas has not been completed.

Outbreaks have also been reported in Aden and Bahrain in the Near East.

Gastro-enteritis

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis in a small town. Most of the town's 200 inhabitants attended a church supper and about 100 became ill with abdominal cramps, dizziness, and diarrhea from 6 to 8 days later. Several persons who did not attend were questioned and none had been ill. None of the food was available for laboratory tests. Stool specimens collected were negative for pathogens. Although food was first suspected to be the vehicle of infection, later evidence incriminated water. Laboratory examination of the water showed Escherichia coli. In addition, enterococci were found which strongly suggested the presence of sewage in the water. Previously a family from Detroit had visited the pastor. While on visit, 2 small children became ill with symptoms similar to those exhibited during the outbreak. It is believed the water became contaminated through the sewage system, a septic tank, at this time. The sewage line from the parsonage lies perilously close to a cistern which, in turn, is close to a well that provides the water supply. Fluorescein dye flushed through the sewer system failed to show in either of the water sources. This was probably because of a shift in water levels which resulted from unusually heavy rains during the period when the children were ill.

The Illinois Department of Public Health, also, reports an outbreak of gastro-enteritis among 65 persons who attended a family reunion. Of these, 40 became ill with nausea, vomiting, severe cramps, and diarrhea from 1 to 3 hours after the noon meal. The meal items were prepared by various members except for the deviled eggs which were all prepared by only one group. It is improbable that any food except the eggs had been prepared in sufficient quantity by any one group to affect more than half of the people. None of the food served at the reunion was available for bacteriologic examination.

Encephalomyelitis in horses

Dr. Albert V. Hardy, Bureau of Laboratories, Florida State Board of Health, has reported the isolation of eastern equine encephalomyelitis in 2 brain specimens from horses in Lee and Alachua Counties. This is in addition to the isolation reported last week by Dr. Michael Sigel. The total of the reported cases for 1957 through June 15 is 178. All these cases

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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 JULY 7, 1956 AND JULY 6, 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, INFECTIONOUS		HEPATITIS, INFECTIONOUS, AND SERUM 092, N998.5 pt.			
	044		27th week		Cumulative first 27 weeks		082		27th week		Cumulative first 27 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	13	16	5	20	469	846	49	25	207	273	9,196	11,925
NEW ENGLAND ¹ -----	1	-	-	-	19	8	1	-	9	22	496	787
Maine-----	-	-	-	-	3	-	-	-	5	7	156	188
New Hampshire-----	-	-	-	-	-	1	-	-	-	-	8	25
Vermont-----	-	-	-	-	1	-	-	-	-	3	185	99
Massachusetts-----	-	-	-	-	16	7	-	-	4	7	137	190
Rhode Island-----	-	-	-	-	-	-	-	-	-	2	39	102
Connecticut-----	1	-	-	-	-	-	1	-	-	3	71	183
MIDDLE ATLANTIC-----	-	1	2	2	52	40	6	8	35	48	1,378	2,555
New York-----	-	-	2	-	27	14	6	8	21	22	810	1,288
New Jersey-----	-	-	1	-	9	12	-	-	3	4	193	221
Pennsylvania-----	-	1	-	1	16	14	-	-	11	22	375	1,046
EAST NORTH CENTRAL-----	2	3	-	4	34	168	10	5	27	62	1,657	1,879
Ohio-----	-	-	-	-	7	13	1	3	11	24	421	462
Indiana-----	-	-	-	1	9	84	6	-	4	5	240	283
Illinois-----	2	2	-	-	3	4	1	-	5	5	343	438
Michigan-----	-	-	-	3	14	65	1	2	5	23	477	496
Wisconsin-----	-	1	-	-	1	2	1	-	2	5	176	200
WEST NORTH CENTRAL-----	9	6	2	-	39	84	6	1	4	34	559	1,032
Minnesota-----	2	1	-	-	21	25	-	-	1	14	201	308
Iowa-----	5	4	-	-	4	17	-	-	1	15	133	284
Missouri-----	-	-	-	-	1	9	-	1	1	-	99	54
North Dakota-----	-	-	2	-	3	-	2	-	-	3	71	82
South Dakota-----	-	-	-	-	5	5	-	-	-	-	25	124
Nebraska-----	-	-	-	-	2	25	-	-	1	1	13	83
Kansas-----	2	1	-	-	3	3	4	-	-	1	17	97
SOUTH ATLANTIC-----	-	2	1	2	137	163	5	1	17	12	685	728
Delaware-----	-	-	-	-	-	-	-	-	-	-	5	23
Maryland-----	-	-	-	-	1	-	-	-	-	-	74	66
District of Columbia-----	-	-	-	-	-	1	-	-	-	-	8	11
Virginia-----	-	-	-	-	6	21	2	1	5	4	273	294
West Virginia-----	-	-	-	-	3	5	-	-	1	5	52	34
North Carolina-----	-	1	-	2	18	24	1	-	3	3	56	69
South Carolina-----	-	-	-	-	23	36	-	-	-	-	19	44
Georgia-----	-	-	1	-	29	30	2	-	4	-	77	95
Florida-----	-	1	-	-	57	46	-	-	4	-	121	92
EAST SOUTH CENTRAL-----	-	1	-	1	67	112	1	1	24	24	1,276	1,031
Kentucky-----	-	-	-	-	12	8	1	1	9	8	564	317
Tennessee-----	-	-	-	-	7	19	-	-	13	7	477	467
Alabama-----	-	-	-	-	28	53	-	-	2	2	150	103
Mississippi-----	-	1	-	1	20	32	-	-	-	7	85	144
WEST SOUTH CENTRAL-----	-	2	-	6	100	211	3	-	13	30	661	893
Arkansas-----	-	-	-	-	8	17	-	-	1	1	53	85
Louisiana-----	-	-	-	1	8	22	-	-	1	3	36	82
Oklahoma-----	-	1	-	-	15	54	2	-	1	2	84	61
Texas-----	-	1	-	5	69	118	1	-	10	24	488	665
MOUNTAIN-----	-	1	-	2	15	19	-	1	15	18	814	1,103
Montana-----	-	-	-	-	3	-	-	1	2	8	112	288
Idaho-----	-	-	-	-	1	1	-	-	5	4	55	148
Wyoming-----	-	-	-	-	1	3	-	-	3	-	38	62
Colorado-----	-	-	-	-	2	3	-	-	1	1	115	237
New Mexico-----	-	-	-	2	7	4	-	-	3	3	291	100
Arizona-----	-	-	-	-	1	5	-	-	1	2	150	216
Utah-----	-	-	-	-	-	3	-	-	-	-	31	50
Nevada-----	-	1	-	-	-	-	-	-	-	-	22	2
PACIFIC-----	1	-	-	3	6	41	17	8	63	23	1,670	1,917
Washington-----	-	-	-	-	-	5	-	-	5	5	225	410
Oregon-----	-	-	-	2	2	10	-	-	12	4	320	376
California-----	1	-	-	1	4	26	17	8	46	14	1,125	1,131
Alaska-----	-	-	-	-	-	-	-	-	2	-	52	58
Hawaii-----	-	-	-	-	-	-	-	-	1	2	25	29
Puerto Rico-----	-	-	-	1	30	41	-	-	1	6	98	137

¹Data exclude report from Vermont for the current week.

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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 JULY 7, 1956 AND JULY 6, 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		110-117		085	
	27th week		Cumulative first 27 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 -----	154	273	1,557	2,927	50	127	88	91	3	4	6,419	8,017
NEW ENGLAND ¹ -----	1	5	14	63	-	2	1	3	1	-	493	139
Maine-----	-	-	1	10	-	-	-	-	-	-	114	2
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	2	19
Vermont-----	-	2	12	11	-	2	-	-	-	-	-	18
Massachusetts-----	1	1	4	27	-	-	1	1	-	-	293	59
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	7	-
Connecticut-----	-	2	7	11	-	-	-	2	1	-	77	41
MIDDLE ATLANTIC-----	4	11	52	171	-	3	4	3	-	-	1,157	2,282
New York-----	4	5	35	115	-	2	4	2	-	-	732	1,251
New Jersey-----	-	3	6	23	-	1	-	1	-	-	324	460
Pennsylvania-----	-	3	11	33	-	-	-	-	-	-	101	571
EAST NORTH CENTRAL-----	17	62	130	324	1	22	10	19	-	-	1,989	2,037
Ohio-----	2	11	25	50	-	1	1	1	-	-	159	626
Indiana-----	2	10	25	27	-	4	2	1	-	-	54	161
Illinois-----	3	35	20	131	-	17	1	14	-	-	185	343
Michigan-----	6	4	43	67	-	-	6	3	-	-	245	437
Wisconsin-----	4	2	17	49	1	-	-	-	-	-	1,346	470
WEST NORTH CENTRAL-----	8	17	109	154	1	5	4	8	-	-	241	231
Minnesota-----	-	1	4	23	-	1	-	-	-	-	10	15
Iowa-----	2	5	13	40	-	1	2	4	-	-	143	136
Missouri-----	3	6	33	45	1	2	-	2	-	-	40	36
North Dakota-----	-	2	1	6	-	-	-	2	-	-	34	24
South Dakota-----	-	-	5	10	-	-	-	-	-	-	14	-
Nebraska-----	2	1	34	14	-	-	1	-	-	-	-	19
Kansas-----	1	2	19	16	-	1	1	-	-	-	-	1
SOUTH ATLANTIC-----	17	21	209	273	9	12	8	8	-	1	379	916
Delaware-----	1	1	2	4	-	1	1	-	-	-	2	18
Maryland-----	-	1	4	14	-	1	-	-	-	-	38	48
District of Columbia-----	-	-	-	1	-	-	-	-	-	-	29	3
Virginia-----	2	1	22	23	1	-	1	1	1	-	83	298
West Virginia-----	-	1	7	14	-	1	-	-	-	-	43	135
North Carolina-----	6	6	33	45	1	4	5	2	-	-	22	92
South Carolina-----	5	3	57	25	4	1	1	2	-	-	55	146
Georgia-----	3	2	30	24	3	1	-	1	-	-	70	67
Florida-----	-	6	54	123	-	3	-	2	-	-	37	109
EAST SOUTH CENTRAL-----	22	22	136	142	3	8	16	1	-	-	298	623
Kentucky-----	-	9	10	45	-	-	-	-	-	-	71	176
Tennessee-----	19	1	61	23	3	1	15	-	-	-	53	294
Alabama-----	1	-	20	10	-	-	-	-	-	-	170	124
Mississippi-----	2	12	45	64	-	7	1	1	-	-	4	39
WEST SOUTH CENTRAL-----	65	82	514	799	30	39	34	35	2	-	435	660
Arkansas-----	3	5	30	23	2	3	1	2	1	-	49	46
Louisiana-----	12	18	84	169	2	15	10	3	-	-	3	53
Oklahoma-----	5	10	30	53	2	2	2	-	1	-	25	41
Texas-----	45	49	370	554	24	19	21	30	-	-	358	520
MOUNTAIN-----	6	18	96	158	1	9	2	6	-	1	367	462
Montana-----	-	-	3	10	-	-	-	-	-	-	51	91
Idaho-----	1	2	4	21	-	2	-	-	-	-	51	42
Wyoming-----	-	1	6	7	-	1	-	-	-	1	7	3
Colorado-----	1	4	16	21	-	2	-	1	-	-	67	125
New Mexico-----	1	5	16	18	-	3	1	2	-	-	63	99
Arizona-----	-	4	25	54	-	1	-	3	-	-	85	64
Utah-----	2	1	23	14	-	-	1	-	-	-	43	38
Nevada-----	1	1	3	13	1	-	-	-	-	-	-	-
PACIFIC-----	14	35	297	843	5	27	9	8	-	2	1,060	667
Washington-----	-	-	2	32	-	-	-	-	-	-	109	149
Oregon-----	1	2	22	51	-	1	1	1	-	1	514	111
California-----	13	33	273	760	5	26	8	7	-	1	437	407
Alaska-----	-	-	2	6	-	-	-	-	-	-	27	1
Hawaii-----	-	-	2	49	-	-	-	-	-	2	31	109
Puerto Rico-----	1	1	6	29	1	1	-	-	-	-	43	11

¹Data exclude report from Vermont for the current week.²Includes cases not specified by type, category number 080.3.

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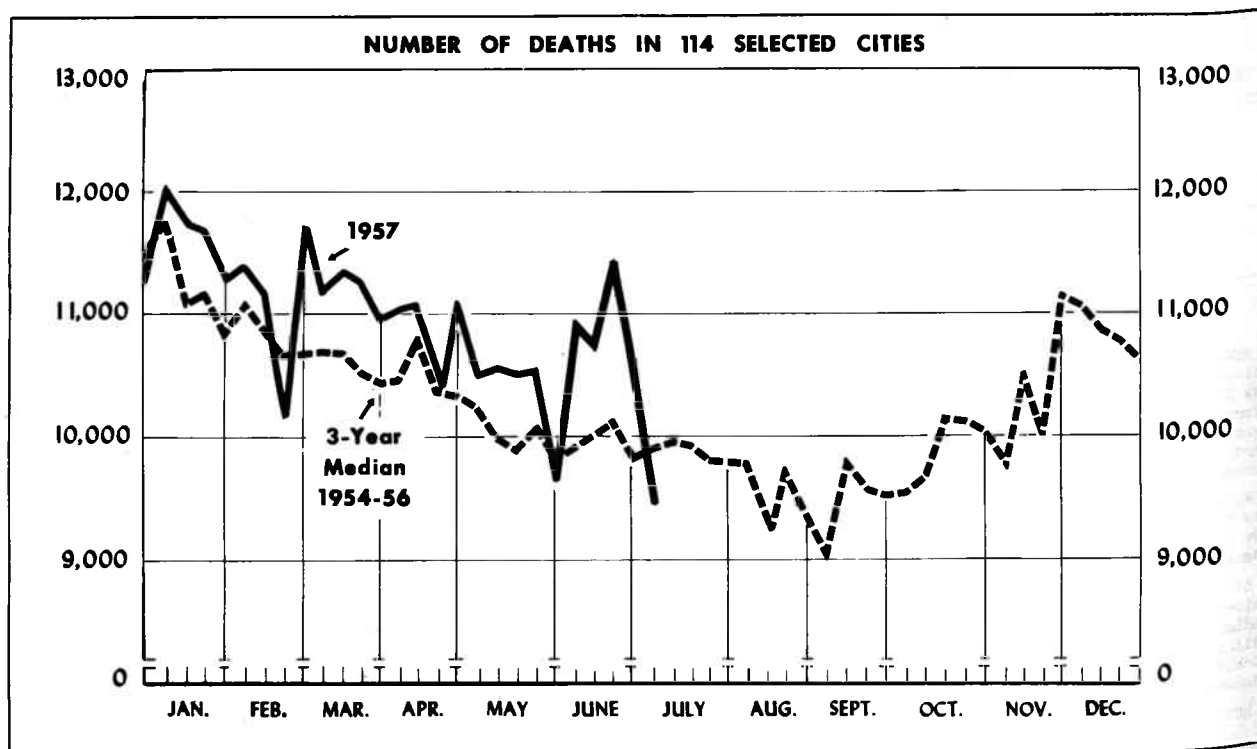
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 7, 1956 AND JULY 6, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		27th week		Cumulative first 27 weeks		101		
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES ¹ -----	33	39	45	11	17	26	38	564	882	2	66	47
NEW ENGLAND ¹ -----	1	1	4	-	-	1	2	15	34	-	-	-
Maine-----	-	-	-	-	-	-	-	2	10	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	1	1	-	-	-	1	-	6	11	-	-	-
Rhode Island-----	-	-	4	-	-	-	-	4	3	-	-	-
Connecticut-----	-	-	-	-	-	-	2	2	9	-	-	-
MIDDLE ATLANTIC-----	6	9	-	-	-	2	6	63	124	-	2	5
New York-----	3	4	-	-	-	1	1	22	34	-	2	4
New Jersey-----	2	2	-	-	-	1	2	17	14	-	-	-
Pennsylvania-----	1	3	-	-	-	-	3	24	76	-	-	1
EAST NORTH CENTRAL-----	6	8	8	3	2	1	7	62	135	-	19	6
Ohio-----	3	2	-	-	-	-	2	29	29	-	16	3
Indiana-----	-	-	1	-	-	1	1	13	14	-	3	2
Illinois-----	1	1	7	-	2	-	2	7	19	-	-	1
Michigan-----	2	4	-	-	-	-	1	7	32	-	-	-
Wisconsin-----	-	1	-	3	-	-	1	6	41	-	-	-
WEST NORTH CENTRAL-----	2	4	-	-	-	-	2	38	121	-	9	8
Minnesota-----	-	-	-	-	-	-	1	4	32	-	3	1
Iowa-----	1	1	-	-	-	-	1	8	48	-	1	3
Missouri-----	1	2	-	-	-	-	-	18	22	-	2	3
North Dakota-----	-	-	-	-	-	-	-	1	5	-	2	-
South Dakota-----	-	-	-	-	-	-	-	3	2	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	7	-	1	1
Kansas-----	-	1	-	-	-	-	-	4	5	-	-	-
SOUTH ATLANTIC-----	7	6	20	1	9	5	5	112	139	-	15	13
Delaware-----	-	-	-	-	-	-	-	1	1	-	-	1
Maryland-----	1	2	-	-	1	1	1	3	10	-	-	-
District of Columbia-----	-	-	2	-	-	1	-	7	10	-	-	-
Virginia-----	3	2	10	-	-	-	1	20	22	-	6	5
West Virginia-----	-	-	-	-	-	-	-	16	13	-	3	1
North Carolina-----	1	1	-	-	7	-	-	11	18	-	-	1
South Carolina-----	1	-	1	1	-	1	-	6	13	-	4	5
Georgia-----	1	1	7	-	1	2	1	19	30	-	1	-
Florida-----	-	-	-	-	-	-	2	29	22	-	1	-
EAST SOUTH CENTRAL-----	7	1	5	1	-	5	6	95	95	-	10	10
Kentucky-----	1	-	1	-	-	1	-	25	17	-	6	2
Tennessee-----	1	-	4	1	-	3	1	43	45	-	2	-
Alabama-----	5	1	-	-	-	-	-	8	8	-	2	8
Mississippi-----	-	-	-	-	-	1	5	19	25	-	-	-
WEST SOUTH CENTRAL-----	3	6	5	1	-	12	7	120	153	2	9	2
Arkansas-----	-	-	1	-	-	3	3	24	30	-	1	1
Louisiana-----	-	3	-	-	-	3	-	18	28	-	2	1
Oklahoma-----	1	-	-	-	-	1	-	15	20	-	-	-
Texas-----	2	3	4	1	-	5	4	63	75	2	6	-
MOUNTAIN-----	1	1	-	3	-	-	-	25	26	-	1	-
Montana-----	-	-	-	-	-	-	-	2	1	-	-	-
Idaho-----	-	-	-	3	-	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	1	-
Colorado-----	1	-	-	-	-	-	-	7	7	-	-	-
New Mexico-----	-	-	-	-	-	-	-	8	7	-	-	-
Arizona-----	-	-	-	-	-	-	-	5	5	-	-	-
Utah-----	-	1	-	-	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	-	3	3	2	6	-	3	34	55	-	1	3
Washington-----	-	1	2	-	-	-	-	1	1	-	-	-
Oregon-----	-	1	1	-	5	-	-	3	6	-	-	-
California-----	-	1	-	2	1	-	3	30	48	-	1	3
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	1	-	-	-	-	-	-	3	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	1	12	32	-	-	-

¹Data exclude report from Vermont for the current week.

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

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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	27th week ended July 6, 1957	26th week ended June 29, 1957	27th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 27 WEEKS		
					1957	1956	Percent change
TOTAL: 108 REPORTING CITIES -----	9,234	10,536	9,684	-4.6	289,946	283,919	+2.1
New England----- (13 cities)	598	641	581	+2.9	18,635	18,132	+2.8
Middle Atlantic----- (20 cities)	2,809	3,142	2,821	-0.4	86,387	85,737	+0.8
East North Central----- (16 cities)	1,783	2,146	2,051	-13.1	60,036	59,743	+0.5
West North Central----- (9 cities)	675	744	732	-7.8	20,807	20,443	+1.8
South Atlantic----- (11 cities)	858	935	807	+6.3	24,989	24,237	+3.1
East South Central----- (6 cities)	365	426	358	+2.0	11,085	10,834	+2.3
West South Central----- (13 cities)	789	941	756	+4.4	24,567	22,805	+7.7
Mountain----- (8 cities)	252	259	228	+10.5	7,323	6,776	+8.1
Pacific----- (12 cities)	1,105	1,302	1,115	-0.9	36,115	35,212	+2.6

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	27th week ended July 6, 1957	26th week ended June 29, 1957	CUMULATIVE NUMBER FIRST 27 WEEKS		AREA	27th week ended July 6, 1957	26th week ended June 29, 1957	CUMULATIVE NUMBER FIRST 27 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	222	214	6,572	6,408	St. Louis, Mo.-----	209	231	6,405	6,500
Bridgeport, Conn.-----	45	36	1,025	993	St. Paul, Minn.-----	58	54	1,832	1,803
Cambridge, Mass.-----	21	28	845	847	Wichita, Kans.-----	29	43	1,213	1,106
Fall River, Mass.-----	---	(29)	---	(788)	SOUTH ATLANTIC				
Hartford, Conn.-----	32	58	1,363	1,316	Atlanta, Ga.-----	93	102	2,977	2,989
Lowell, Mass.-----	25	46	754	661	Baltimore, Md.-----	225	246	6,604	6,336
Lynn, Mass.-----	24	21	581	596	Charlotte, N. C.-----	34	31	886	840
New Bedford, Mass.-----	8	27	704	638	Jacksonville, Fla.-----	55	43	1,473	1,401
New Haven, Conn.-----	43	45	1,277	1,293	Miami, Fla.-----	39	50	1,337	1,393
Providence, R. I.-----	58	54	1,719	1,718	Norfolk, Va.-----	29	50	1,003	883
Somerville, Mass.-----	12	6	382	460	Richmond, Va.-----	91	90	2,074	1,942
Springfield, Mass.-----	40	38	1,195	1,155	Savannah, Ga.-----	30	41	803	799
Waterbury, Conn.-----	10	28	680	677	Tampa, Fla.-----	56	47	1,738	1,626
Worcester, Mass.-----	58	40	1,538	1,370	Washington, D. C.-----	168	197	5,085	5,083
MIDDLE ATLANTIC					Wilmington, Del.-----	38	38	1,009	945
Albany, N. Y.-----	45	49	1,381	1,343	EAST SOUTH CENTRAL				
Allentown, Pa.-----	24	35	1,033	1,056	Birmingham, Ala.-----	72	102	2,115	2,107
Buffalo, N. Y.-----	103	172	3,955	3,844	Chattanooga, Tenn.-----	---	(59)	---	(1,143)
Camden, N. J.-----	38	52	1,103	1,073	Knoxville, Tenn.-----	---	(16)	---	(944)
Elizabeth, N. J.-----	25	41	790	774	Louisville, Ky.-----	70	95	2,856	2,888
Erie, Pa.-----	32	33	974	922	Memphis, Tenn.-----	101	115	2,883	2,715
Jersey City, N. J.-----	53	66	1,876	1,968	Mobile, Ala.-----	45	46	993	902
Newark, N. J.-----	59	116	2,861	2,712	Montgomery, Ala.-----	19	16	601	785
New York City, N. Y.-----	1,372	1,546	43,550	43,408	Nashville, Tenn.-----	58	52	1,637	1,437
Peterston, N. J.-----	21	38	1,094	1,000	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	565	456	13,345	13,296	Austin, Tex.-----	17	35	808	784
Pittsburgh, Pa.-----	138	195	4,914	5,076	Baton Rouge, La.-----	19	28	699	603
Reading, Pa.-----	19	21	647	601	Corpus Christi, Tex.-----	12	31	559	499
Rochester, N. Y.-----	86	89	2,615	2,553	Dallas, Tex.-----	98	122	2,980	2,816
Schenectady, N. Y.-----	33	27	628	628	El Paso, Tex.-----	44	37	817	753
Scranton, Pa.-----	31	36	1,043	976	Fort Worth, Tex.-----	63	50	1,678	1,574
Syracuse, N. Y.-----	62	73	1,597	1,615	Houston, Tex.-----	141	137	4,061	3,633
Trenton, N. J.-----	43	39	1,228	1,229	Little Rock, Ark.-----	44	81	1,469	1,258
Utica, N. Y.-----	34	32	898	822	New Orleans, La.-----	97	226	4,583	4,408
Yonkers, N. Y.-----	26	24	835	841	Oklahoma City, Okla.-----	61	48	1,701	1,669
EAST NORTH CENTRAL					San Antonio, Tex.-----	95	74	2,567	2,360
Akron, Ohio-----	50	43	1,446	1,444	Shreveport, La.-----	29	39	1,284	1,231
Canton, Ohio-----	24	27	847	789	Tulsa, Okla.-----	69	33	1,361	1,217
Chicago, Ill.-----	640	681	20,494	20,498	MOUNTAIN				
Cincinnati, Ohio-----	108	172	4,119	4,176	Albuquerque, N. Mex.-----	27	21	698	622
Cleveland, Ohio-----	200	175	5,680	5,677	Colorado Springs, Colo.-----	11	12	367	352
Columbus, Ohio-----	66	123	3,061	2,954	Denver, Colo.-----	92	106	3,025	3,017
Dayton, Ohio-----	62	62	1,966	1,834	Ogden, Utah-----	8	11	318	336
Detroit, Mich.-----	246	327	8,838	8,817	Phoenix, Ariz.-----	34	26	799	732
Evansville, Ind.-----	38	35	865	926	Pueblo, Colo.-----	11	14	344	329
Flint, Mich.-----	---	(37)	---	(1,077)	Salt Lake City, Utah-----	42	41	1,189	1,242
Fort Wayne, Ind.-----	---	(36)	---	(987)	Tucson, Ariz.-----	27	28	583	146
Gary, Ind.-----	23	26	800	816	PACIFIC				
Grand Rapids, Mich.-----	35	45	1,113	1,172	Berkeley, Calif.-----	12	15	530	471
Indianapolis, Ind.-----	58	151	3,174	3,231	Long Beach, Calif.-----	43	61	1,484	1,444
Milwaukee, Wis.-----	97	129	3,554	3,401	Los Angeles, Calif.-----	399	477	13,081	12,864
Peoria, Ill.-----	31	21	818	748	Oakland, Calif.-----	76	119	2,636	2,491
South Bend, Ind.-----	21	28	677	661	Pasadena, Calif.-----	30	26	967	970
Toledo, Ohio-----	84	101	2,586	2,599	Portland, Oreg.-----	74	92	2,600	2,588
Youngstown, Ohio-----	---	(59)	---	(1,540)	Sacramento, Calif.-----	53	60	1,432	1,323
WEST NORTH CENTRAL					San Diego, Calif.-----	62	76	2,187	2,041
Des Moines, Iowa-----	61	45	1,434	1,394	San Francisco, Calif.-----	152	180	5,269	5,228
Duluth, Minn.-----	22	29	703	730	Seattle, Wash.-----	125	119	3,569	3,494
Kansas City, Kans.-----	24	32	809	849	Spokane, Wash.-----	34	41	1,273	1,275
Kansas City, Mo.-----	116	124	3,217	2,986	Tacoma, Wash.-----	45	36	1,087	1,023
Minneapolis, Minn.-----	107	123	3,357	3,313	Honolulu, Hawaii-----	(30)	(33)	(1,052)	(959)
Omaha, Nebr.-----	49	63	1,837	1,762					

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

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

have occurred in the peninsular portion of the State except for 2 counties, Gadsden and Walton.

Communicable diseases in other areas

There has been an official report of jungle yellow fever in British Honduras. It was based on histopathological examination of the liver of a monkey found near Mountain Cow, Cayo District, on June 8. This district is on the Belize River and is about 19 miles east of the British Honduras-Guatemala border.

QUARANTINE MEASURES

Immunization Information for International Travel
No changes reported.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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