

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 5, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

The numbers of deaths from all causes and from influenza and pneumonia in large cities continue to decrease. The numbers were 11,072 and 494, respectively, for the week ended April 6, as compared with 11,635 and 518 for the previous week. Influenza and pneumonia deaths continue to exceed the expected number.

Dr. Grace Jansen, Erie County (New York) Health Department, has reported an outbreak of influenza in an industrial plant in which 22 out of a population of 40 to 50 persons were affected. It was first thought to be an outbreak transmitted by food, but investigation showed that symptoms were mainly respiratory in nature. Most of the cases had onset within a

single 24-hour period. Of 16 throat washings, 13 yielded Asian strains of type A influenza virus.

Dr. W. P. Glezen, North Carolina State Board of Health, has provided additional information on the outbreak of the influenza-like disease on Ocracoke Island reported last week. About 500 inhabitants live at the southern end of the Island in the vicinity of a harbor for fishing boats. Little, if any, influenza was noted during the fall of 1957. Sporadic cases appeared early in March 1958, and incidence reached epidemic proportions by the third week of the month. Fever, usually lasting not more than 2 days, ranged from 100° to 102° F. Chills, malaise, headache, and general aching were observed in many patients, and a dry hacking cough was common during convalescence. Complications were few in number, but 4 persons

Continued on page 2

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

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	14th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 5, 1958	Ended Apr. 6, 1957	Median 1953-57	First 14 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	11	-	-	1	7	9	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	4	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	9	26	26	167	242	326	(2)	(2)	(2)	(2)
Diphtheria-----055	15	14	27	232	304	557	1,004	1,053	1,883	July 1
Encephalitis, infectious-----082	29	42	39	333	302	308	1,631	1,868	1,642	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	322	327	679	4,784	5,375	8,640	8,589	10,574	14,713	Sept. 1
Malaria-----110-117	-	3	5	13	21	50	(2)	(2)	(2)	(2)
Measles-----085	34,830	20,674	22,895	261,534	206,990	215,524	294,437	244,199	244,622	Sept. 1
Meningococcal infections-----057	64	51	78	905	777	1,333	1,862	1,508	2,355	Sept. 1
Meningitis, other-----340	36	37	---	709	458	---	---	---	---	---
Polio-myelitis-----080	18	33	67	237	559	1,212	18	33	67	Apr. 1
Paralytic-----080.0,080.1	10	18	---	131	292	---	10	18	---	Apr. 1
Nonparalytic-----080.2	4	10	---	71	173	---	4	10	---	Apr. 1
Unspecified-----080.3	4	5	---	35	94	---	4	5	---	Apr. 1
Psittacosis-----096.2	-	3	5	35	61	61	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	-	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	10	17	21	187	274	339	10	17	21	Apr. 1
Typhus fever, endemic-----101	-	-	1	12	25	25	-	-	1	Apr. 1
Rabies in animals-----	133	99	150	1,400	1,434	1,767	2,215	2,398	3,132	Oct. 1

¹Reported in Pennsylvania.

²Data show no pronounced seasonal change in incidence.

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

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ATLANTA 23, GEORGIA

EPIDEMIOLOGICAL REPORTS—Continued

were suspected of having pneumonitis. Only one of these was ill enough to be hospitalized on the mainland. Sixty-seven households, which included 40 percent of the Island's population, were visited. Of 219 persons interviewed, 152 or 69 percent had a history of influenza-like illness during a 3-week period prior to the survey. During the week ended March 22, 107 persons had onset of the disease. Cases appeared in all age groups, from 1 to 80 years. The initial or source case was not identified. Of those cases surveyed 42 had received influenza vaccine 4 months prior to the outbreak, and all but 10 of the 42 were ill. Studies on laboratory specimens collected have not been completed.

The Vermont Department of Health states that about 150 cases of influenza have been reported in a community in Franklin County since early in March. All age groups have been involved. While many patients have been severely ill for from 2 to 5 days, no serious complications have been encountered. No schools or industries have been closed. Vaccination was carried out extensively last fall. The isolation of an Asian strain of virus was accomplished by only one egg passage of material from a throat washing.

Lead poisoning

Information has been received from Dr. S. H. Osborn, Connecticut State Department of Health, of the death from lead poisoning of a 3½-year-old boy. Among the possible sources of lead was paint chewed from a crib. Samples of the original paint from the crib have been shown by laboratory examination to contain lead.

Nicotinic acid poisoning

A report has been received from Dr. Oldham, New York State Department of Health, of the illness of 4 persons following consumption of a food containing an additive composed of niacin, ascorbic acid, and dextrose. The symptoms were a sudden onset of warmth, acute discomfort, and a blotchy rash or flush, chiefly of the face, neck, and arms, occurring 10 to 25 minutes after 3 persons had eaten hamburger and 1 had eaten a cube steak. One person complained of itching. Cortisone was immediately administered to 2 of the victims, and the other 2 were given nothing. All recovered uneventfully; one of the untreated cases recovered after 25 minutes and the other, after 45 minutes. The meat consumed by all 4 came from the same market which uses an additive to preserve the "color and freshness" of its meat. It is believed that the 4 cases represented nicotinic acid poisoning. Only these 4 cases have come to medical attention, and the total number of persons who may have been affected is unknown.

Shigellosis

Dr. H. M. Hardwicke, Missouri State Department of Health, has reported an outbreak of dysentery due to *Shigella sonnei* in a fraternity house. A cook in the fraternity house was ill with intestinal symptoms a week prior to the outbreak and was found to harbor the same organism. There were 5 associated cases in addition to the 32 members of the fraternity who were affected. All known cases have been placed under treatment.

Psittacosis

The Wisconsin State Board of Health has reported the occurrence of several cases of psittacosis. One case was in a 29-year-old male who worked on a turkey farm. In February 1957, the man had a severe illness with fever, respiratory symptoms, cough, pain in the chest, and diarrhea, while employed on a turkey farm. The present illness began on February 20, 1958, with headache, productive cough, and pain in the chest. An X-ray examination showed infiltration at the bases of both lungs. A complement fixation test was positive in a titer of 1:64 on March 7. The occurrence of psittacosis infection prior to the present illness is considered a possibility. No history of unusual illness in the turkeys on the farm was obtained.

Two cases in employees of a turkey processing plant were reported. One was a 39-year-old male who handled frozen, boxed turkeys, but often went into the killing room. The other was a 38-year-old woman who was employed as a "pinner" (one who removes pin feathers). The onsets of the cases were about February 5 and January 1, respectively. Both had fever, cough, and chest pain. The male patient had pneumonitis in the left midlung field and had a positive complement fixation in a titer of 1:1024. Many turkeys were processed in the plant, but none was known to be infected, and the number of rejections by veterinary inspection was not unusual.

A clerical employee of a railroad, who had evidence of consolidation in one lung, had a positive complement fixation titer of 1:16 on December 5, 1957, and 1:64 on December 16. He is thought to have had psittacosis. A white, 55-year-old handy man in a tavern had a pulmonary infection and a positive complement fixation in a titer of 1:32. This was also considered to be a confirmed case. No known exposure to birds was reported in either of these cases.

Gastro-enteritis

The California State Department of Public Health has forwarded reports of 2 outbreaks of gastro-enteritis. The first outbreak occurred following a sorority picnic, when 21 of 29 persons became ill with stomach cramps and diarrhea 6 to 10 hours after eating chili, canned string beans, chicken noodle soup, and chocolate milk. The symptoms lasted from 10 to 18 hours. The chili and chicken soup had been prepared 10 hours before being served and had not been refrigerated. Prior to being eaten the soup was brought to a boil but the chili was only warmed. Another portion of the meat used for the chili and beans was served at the noon meal in the sorority house the following day without ill effect. An insignificant number of colonies of a nonhemolytic, coagulase-negative, catalase-positive *Staphylococcus albus* was recovered from a sample of the chili and beans. The other outbreak occurred in a private home, when 6 persons became ill with abdominal cramps, nausea, vomiting, and diarrhea 8 to 12 hours after eating beans, ravioli, spaghetti and meat sauce purchased from a delicatessen store. The youngest child who had eaten a very small portion was only slightly ill. The symptoms in all of the cases disappeared within 24 hours. All of the food had been freshly prepared the day it was consumed, and about 150 other customers were

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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 APRIL 6, 1957, AND APRIL 5, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIONOUS		HEPATITIS, INFECTIONOUS, AND SERUM 092,N998.5 pt.			
	044		14th week		Cumulative first 14 weeks		082		14th week		Cumulative first 14 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONF. UNITED STATES-----	9	26	15	14	232	304	29	42	322	327	4,784	5,375
NEW ENGLAND-----	1	-	-	-	5	8	4	2	12	9	167	285
Maine-----	-	-	-	-	-	1	-	-	3	1	25	84
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	6
Vermont-----	1	-	-	-	-	-	-	-	1	1	6	52
Massachusetts-----	-	-	-	-	4	7	4	2	2	-	76	76
Rhode Island-----	-	-	-	-	-	-	-	-	3	4	23	26
Connecticut-----	-	-	-	-	1	-	-	-	3	3	36	41
MIDDLE ATLANTIC-----	-	-	1	3	23	26	3	12	31	55	499	727
New York-----	-	-	-	2	11	18	1	12	18	24	311	389
New Jersey-----	-	-	-	-	1	5	1	-	2	9	52	113
Pennsylvania-----	-	-	1	1	11	3	1	-	11	22	136	225
EAST NORTH CENTRAL-----	1	3	1	2	16	23	5	6	61	54	761	1,032
Ohio-----	1	-	-	1	5	5	-	1	28	12	242	263
Indiana-----	-	-	-	1	5	6	-	-	4	17	77	141
Illinois-----	-	2	1	-	2	-	1	1	24	9	171	225
Michigan-----	-	-	-	-	4	11	4	4	4	9	238	290
Wisconsin-----	-	1	-	-	-	1	-	-	1	7	33	113
WEST NORTH CENTRAL-----	2	18	2	2	20	30	1	1	51	15	408	358
Minnesota-----	-	1	-	-	1	18	-	-	2	7	44	123
Iowa-----	1	3	-	2	2	4	-	-	1	1	56	82
Missouri-----	-	6	1	-	10	-	-	1	4	5	66	74
North Dakota-----	1	-	-	-	1	1	-	-	17	2	67	51
South Dakota-----	-	-	-	-	1	4	-	-	-	-	3	12
Nebraska-----	-	5	1	-	5	1	1	-	20	-	34	10
Kansas-----	-	3	-	-	-	2	-	-	7	-	138	6
SOUTH ATLANTIC-----	2	1	4	2	66	86	3	9	20	26	354	382
Delaware-----	-	-	-	-	-	-	-	-	1	-	10	4
Maryland-----	-	-	-	-	2	1	1	2	2	3	33	41
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	4	8
Virginia-----	1	1	1	-	10	2	1	1	2	13	90	152
West Virginia-----	-	-	-	-	2	1	-	-	3	-	69	34
North Carolina-----	1	-	-	1	11	15	-	1	1	2	19	32
South Carolina-----	-	-	-	-	7	16	1	-	-	-	23	10
Georgia-----	-	-	2	-	21	17	-	4	5	5	39	45
Florida-----	-	-	1	1	13	34	-	1	6	3	67	56
EAST SOUTH CENTRAL-----	1	-	2	3	19	45	1	2	21	32	413	790
Kentucky-----	-	-	-	2	1	11	-	-	10	16	214	312
Tennessee-----	1	-	-	-	5	4	-	1	7	9	114	335
Alabama-----	-	-	1	-	9	17	1	-	1	5	64	83
Mississippi-----	-	-	1	1	4	13	-	1	3	2	21	60
WEST SOUTH CENTRAL-----	-	3	3	2	50	71	-	-	24	25	378	360
Arkansas-----	-	-	-	-	8	5	-	-	5	1	35	30
Louisiana-----	-	2	1	-	5	2	-	-	-	1	5	21
Oklahoma-----	-	1	-	-	13	11	-	-	3	3	62	54
Texas-----	-	-	2	2	24	53	-	-	16	20	276	255
MOUNTAIN-----	1	-	2	-	31	10	2	-	26	47	980	511
Montana-----	-	-	1	-	15	2	-	-	9	7	94	62
Idaho-----	-	-	-	-	2	1	-	-	3	2	63	30
Wyoming-----	-	-	-	-	2	1	-	-	-	4	4	14
Colorado-----	-	-	-	-	5	1	-	-	6	1	70	68
New Mexico-----	-	-	-	-	5	4	1	-	2	29	141	195
Arizona-----	-	-	1	-	2	1	-	-	2	3	466	100
Utah-----	1	-	-	-	-	-	-	-	4	1	69	22
Nevada-----	-	-	-	-	-	-	1	-	-	-	73	20
PACIFIC-----	1	1	-	-	2	5	10	10	76	64	824	930
Washington-----	-	-	-	-	-	-	-	-	18	6	167	145
Oregon-----	1	-	-	-	1	1	-	-	9	12	92	195
California-----	-	1	-	-	1	4	10	10	49	46	565	590
Alaska-----	-	-	-	-	-	-	-	-	-	4	55	29
Hawaii-----	-	-	-	-	-	-	-	-	-	-	14	12
Puerto Rico-----	-	-	3	2	18	11	-	-	2	3	42	32

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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 APRIL 6, 1957, AND APRIL 5, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	14th week		Cumulative first 14 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	18	33	237	559	10	18	4	10	-	3	34,830	20,674
NEW ENGLAND-----	-	1	5	5	-	-	-	-	-	-	2,687	1,272
Maine-----	-	-	2	1	-	-	-	-	-	-	181	167
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	38	27
Vermont-----	-	-	-	-	-	-	-	-	-	-	71	215
Massachusetts-----	-	-	1	1	-	-	-	-	-	-	1,623	424
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	176	15
Connecticut-----	-	1	2	3	-	-	-	-	-	-	598	424
MIDDLE ATLANTIC-----	-	1	10	20	-	1	-	-	-	-	4,987	3,331
New York-----	-	1	8	14	-	1	-	-	-	-	3,398	1,274
New Jersey-----	-	-	2	2	-	-	-	-	-	-	925	1,313
Pennsylvania-----	-	-	-	4	-	-	-	-	-	-	664	744
EAST NORTH CENTRAL-----	2	1	23	57	-	1	1	-	-	-	8,161	3,399
Ohio-----	-	-	4	10	-	-	-	-	-	-	1,424	362
Indiana-----	-	-	2	13	-	-	-	-	-	-	961	464
Illinois-----	-	-	4	7	-	-	-	-	-	-	781	406
Michigan-----	1	1	10	19	-	1	-	-	-	-	1,575	641
Wisconsin-----	1	-	3	8	-	-	1	-	-	-	3,420	1,526
WEST NORTH CENTRAL-----	2	3	9	55	-	-	-	1	-	-	813	1,370
Minnesota-----	-	-	1	2	-	-	-	-	-	-	34	797
Iowa-----	-	1	1	4	-	-	-	1	-	-	239	176
Missouri-----	-	1	2	15	-	-	-	-	-	-	150	189
North Dakota-----	-	-	1	-	-	-	-	-	-	-	156	178
South Dakota-----	2	-	3	2	-	-	-	-	-	-	4	24
Nebraska-----	-	1	1	21	-	-	-	-	-	-	207	6
Kansas-----	-	-	-	11	-	-	-	-	-	-	23	-
SOUTH ATLANTIC-----	6	5	63	89	5	2	1	1	-	2	4,813	1,000
Delaware-----	-	-	1	1	-	-	-	-	-	-	21	9
Maryland-----	-	-	-	-	-	-	-	-	-	-	241	19
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	86	11
Virginia-----	1	-	2	8	1	-	-	-	-	-	1,060	185
West Virginia-----	1	-	4	4	1	-	-	-	-	-	547	122
North Carolina-----	-	2	20	12	-	1	-	1	-	-	235	118
South Carolina-----	1	-	3	22	1	-	-	-	-	-	508	128
Georgia-----	2	2	6	13	1	1	1	-	-	2	394	238
Florida-----	1	1	27	29	1	-	-	-	-	-	1,721	170
EAST SOUTH CENTRAL-----	1	5	22	39	1	4	-	1	-	-	3,109	1,940
Kentucky-----	-	-	12	2	-	-	-	-	-	-	1,194	676
Tennessee-----	-	1	4	9	-	1	-	-	-	-	1,464	737
Alabama-----	1	2	4	11	1	2	-	-	-	-	346	469
Mississippi-----	-	2	2	17	-	1	-	1	-	-	105	58
WEST SOUTH CENTRAL-----	3	7	35	126	2	5	1	2	-	1	6,382	2,375
Arkansas-----	-	-	3	6	-	-	-	-	-	-	149	13
Louisiana-----	-	1	6	23	-	1	-	-	-	-	21	172
Oklahoma-----	-	-	3	7	-	-	-	-	-	1	425	79
Texas-----	3	6	23	90	2	4	1	2	-	-	5,787	2,111
MOUNTAIN-----	1	-	19	41	-	-	-	-	-	-	1,731	1,845
Montana-----	-	-	-	2	-	-	-	-	-	-	198	22
Idaho-----	-	-	-	1	-	-	-	-	-	-	173	240
Wyoming-----	-	-	2	1	-	-	-	-	-	-	63	7
Colorado-----	-	-	3	7	-	-	-	-	-	-	208	127
New Mexico-----	-	-	10	3	-	-	-	-	-	-	375	273
Arizona-----	-	-	2	12	-	-	-	-	-	-	577	424
Utah-----	-	-	1	13	-	-	-	-	-	-	136	737
Nevada-----	1	-	1	2	-	-	-	-	-	-	1	15
PACIFIC-----	3	10	51	127	2	5	1	5	-	-	2,147	4,142
Washington-----	-	1	2	2	-	1	-	-	-	-	576	960
Oregon-----	-	-	6	12	-	-	-	-	-	-	354	416
California-----	3	9	43	113	2	4	1	5	-	-	1,217	2,766
Alaska-----	-	-	-	2	-	-	-	-	-	-	2	27
Hawaii-----	-	-	2	2	-	-	-	-	-	-	6	179
Puerto Rico-----	1	-	22	4	1	-	-	-	-	-	15	125

¹Includes cases not specified by type, category number 080.3.

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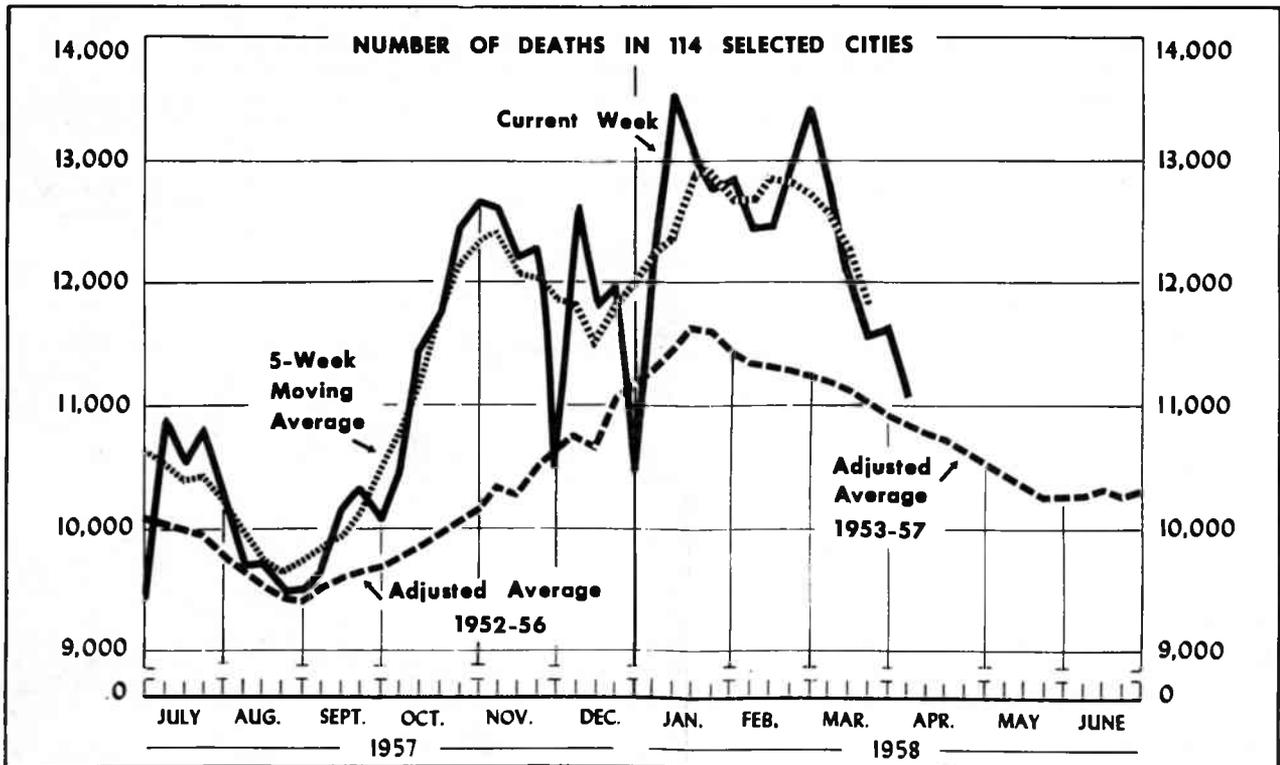
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 6, 1957, AND APRIL 5, 1958--Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
						14th week		Cumulative first 14 weeks				
	057	1957	340	1958	1957	1958	1957	1958	1957	101	1958	1957
CONT. UNITED STATES-----	64	51	36	-	3	10	17	187	274	-	133	99
NEW ENGLAND-----	7	2	4	-	-	-	-	2	11	-	-	-
Maine-----	-	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	2	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	1	1	2	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	2	-	-	-	-	1	3	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	3	-	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	9	11	-	-	-	1	-	19	31	-	4	8
New York-----	4	2	-	-	-	1	-	6	13	-	2	7
New Jersey-----	2	-	-	-	-	-	-	7	9	-	-	-
Pennsylvania-----	3	9	-	-	-	-	-	6	9	-	2	1
EAST NORTH CENTRAL-----	16	4	8	-	1	-	2	19	30	-	25	5
Ohio-----	3	2	-	-	-	-	-	6	14	-	15	-
Indiana-----	2	1	1	-	-	-	1	5	7	-	5	1
Illinois-----	1	-	6	-	1	-	-	-	2	-	-	3
Michigan-----	6	1	1	-	-	-	-	4	5	-	-	-
Wisconsin-----	4	-	-	-	-	-	1	4	2	-	5	1
WEST NORTH CENTRAL-----	4	6	-	-	-	-	3	23	25	-	27	21
Minnesota-----	1	-	-	-	-	-	-	2	2	-	10	7
Iowa-----	1	-	-	-	-	-	2	4	7	-	11	7
Missouri-----	1	1	-	-	-	-	-	12	10	-	6	5
North Dakota-----	-	1	-	-	-	1	-	-	1	-	-	1
South Dakota-----	1	-	-	-	-	-	-	-	3	-	-	-
Nebraska-----	-	4	-	-	-	-	-	1	-	-	-	1
Kansas-----	-	-	-	-	-	-	-	4	2	-	-	-
SOUTH ATLANTIC-----	6	7	13	-	1	1	3	26	58	-	28	22
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	1	3	-	-	-	-	2	1	-	-	-
District of Columbia-----	1	-	-	-	-	-	-	1	3	-	-	-
Virginia-----	-	-	4	-	-	-	1	5	13	-	14	8
West Virginia-----	-	-	1	-	-	1	1	3	10	-	6	2
North Carolina-----	3	2	-	-	1	-	-	9	8	-	-	-
South Carolina-----	2	1	2	-	-	-	-	1	2	-	1	3
Georgia-----	-	-	3	-	-	-	1	-	6	-	4	5
Florida-----	-	3	-	-	-	-	-	5	15	-	3	4
EAST SOUTH CENTRAL-----	4	1	2	-	-	1	5	20	46	-	27	22
Kentucky-----	-	-	2	-	-	-	3	5	12	-	22	16
Tennessee-----	2	-	-	-	-	1	2	7	19	-	1	2
Alabama-----	2	1	-	-	-	-	-	7	3	-	4	4
Mississippi-----	-	-	-	-	-	-	-	1	12	-	-	-
WEST SOUTH CENTRAL-----	8	7	2	-	1	5	2	48	43	-	12	18
Arkansas-----	-	1	-	-	-	-	-	1	8	-	4	2
Louisiana-----	4	1	-	-	-	4	-	27	7	-	-	6
Oklahoma-----	-	2	-	-	-	-	1	1	7	-	-	3
Texas-----	4	3	2	-	1	1	1	19	21	-	8	7
MOUNTAIN-----	3	3	4	-	-	-	-	10	13	-	1	-
Montana-----	-	1	-	-	-	-	-	1	1	-	-	-
Idaho-----	-	-	-	-	-	-	-	3	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	2	-	-	-	-	-	-	2	-	-	-
New Mexico-----	-	-	-	-	-	-	-	5	6	-	-	-
Arizona-----	2	-	4	-	-	-	-	1	3	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	7	10	3	-	-	2	2	20	17	-	9	3
Washington-----	2	-	3	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	-	-	-	-	2	5	3	-	-	-
California-----	5	8	-	-	-	2	-	15	14	-	9	3
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	1	1	5	10	-	-	3

Symbol.—1 dash [-]: no cases reported.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	14th week ended Apr. 5, 1958	13th week ended Mar. 29, 1958	Adjusted average, 14th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 14 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	11,072	11,635	10,880	+1.8	174,899	158,494	+10.4
New England----- (14 cities)	717	759	708	+1.3	10,969	10,448	+5.0
Middle Atlantic----- (20 cities)	¹ 3,115	3,317	3,256	-4.3	² 51,092	45,962	+11.2
East North Central----- (19 cities)	2,285	2,324	2,353	-2.9	37,242	33,825	+10.1
West North Central----- (9 cities)	782	844	764	+2.4	12,365	11,147	+10.9
South Atlantic----- (11 cities)	977	1,095	895	+9.2	15,511	13,481	+15.1
East South Central----- (8 cities)	544	578	482	+12.9	8,409	7,063	+19.1
West South Central----- (13 cities)	922	1,010	813	+13.4	14,833	13,265	+11.8
Mountain----- (8 cities)	319	320	253	+26.1	4,440	3,855	+15.2
Pacific----- (12 cities)	1,411	1,388	1,329	+6.2	20,038	19,448	+3.0

¹Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	14th week ended Apr. 5, 1958	13th week ended Mar. 29, 1958	CUMULATIVE NUMBER FIRST 14 WEEKS		AREA	14th week ended Apr. 5, 1958	13th week ended Mar. 29, 1958	CUMULATIVE NUMBER FIRST 14 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	260	264	3,815	3,563	St. Louis, Mo.-----	248	239	4,058	3,475
Bridgeport, Conn.-----	38	31	611	546	St. Paul, Minn.-----	81	80	1,149	952
Cambridge, Mass.-----	25	21	447	451	Wichita, Kans.-----	36	43	664	647
Fall River, Mass.-----	25	26	421	397	SOUTH ATLANTIC:				
Hartford, Conn.-----	44	43	776	751	Atlanta, Ga.-----	118	111	1,713	1,655
Lowell, Mass.-----	32	20	421	389	Baltimore, Md.-----	251	308	4,033	3,515
Lynn, Mass.-----	22	22	304	309	Charlotte, N. C.-----	36	33	515	523
New Bedford, Mass.-----	18	24	385	395	Jacksonville, Fla.-----	60	69	1,016	808
New Haven, Conn.-----	55	67	731	672	Miami, Fla.-----	78	70	1,186	710
Providence, R. I.-----	63	81	1,016	922	Norfolk, Va.-----	53	42	581	525
Somerville, Mass.-----	19	14	210	195	Richmond, Va.-----	83	79	1,121	1,082
Springfield, Mass.-----	37	45	603	629	Savannah, Ga.-----	35	38	541	441
Waterbury, Conn.-----	28	29	412	374	St. Petersburg, Fla.-----	(77)	(70)	(1,161)	---
Worcester, Mass.-----	51	72	817	855	Tampa, Fla.-----	66	78	1,115	962
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	37	53	793	736	Birmingham, Ala.-----	90	102	1,434	1,108
Allentown, Pa.-----	33	43	505	553	Chattanooga, Tenn.-----	54	41	779	687
Buffalo, N. Y.-----	159	159	2,412	2,164	Knoxville, Tenn.-----	23	33	455	434
Camden, N. J.-----	42	35	672	570	Louisville, Ky.-----	126	140	1,759	1,608
Elizabeth, N. J.-----	27	26	485	408	Memphis, Tenn.-----	117	124	1,836	1,514
Erie, Pa.-----	26	39	515	498	Mobile, Ala.-----	43	42	648	487
Jersey City, N. J.-----	71	75	1,150	1,041	Montgomery, Ala.-----	38	38	572	329
Newark, N. J.-----	78	97	1,475	1,580	Nashville, Tenn.-----	53	58	926	896
New York City, N. Y.-----	1,576	1,641	25,959	23,146	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	32	34	651	564	Austin, Tex.-----	26	36	508	443
Philadelphia, Pa.-----	484	518	8,086	7,089	Baton Rouge, La.-----	35	30	467	384
Pittsburgh, Pa.-----	203	216	3,024	2,602	Corpus Christi, Tex.-----	19	19	326	280
Reading, Pa.-----	125	31	334	340	Dallas, Tex.-----	93	116	1,795	1,613
Rochester, N. Y.-----	106	117	1,543	1,380	El Paso, Tex.-----	50	35	591	417
Schenectady, N. Y.-----	25	22	360	317	Fort Worth, Tex.-----	59	70	941	883
Scranton, Pa.-----	37	53	520	552	Houston, Tex.-----	145	159	2,477	2,176
Syracuse, N. Y.-----	52	61	911	828	Little Rock, Ark.-----	60	50	801	804
Trenton, N. J.-----	44	46	781	675	New Orleans, La.-----	146	177	2,836	2,533
Utica, N. Y.-----	28	22	418	467	Oklahoma City, Okla.-----	76	81	1,053	924
Yonkers, N. Y.-----	30	29	498	452	San Antonio, Tex.-----	103	116	1,517	1,392
EAST NORTH CENTRAL:					SHREVEPORT, LA.-----				
Akron, Ohio.-----	46	62	872	781	Shreveport, La.-----	58	69	760	688
Canton, Ohio.-----	21	43	435	453	Tulsa, Okla.-----	52	52	761	728
Chicago, Ill.-----	675	745	12,014	10,837	MOUNTAIN:				
Cincinnati, Ohio.-----	177	162	2,568	2,277	Albuquerque, N. Mex.-----	20	23	383	342
Cleveland, Ohio.-----	254	207	3,281	3,022	Colorado Springs, Colo.-----	26	13	207	199
Columbus, Ohio.-----	143	117	1,801	1,597	Denver, Colo.-----	119	131	1,751	1,608
Dayton, Ohio.-----	69	94	1,177	1,085	Ogden, Utah.-----	14	15	210	178
Detroit, Mich.-----	316	293	4,938	4,757	Phoenix, Ariz.-----	51	49	703	443
Evansville, Ind.-----	40	48	601	442	Pueblo, Colo.-----	11	13	177	191
Flint, Mich.-----	31	34	563	552	Salt Lake City, Utah.-----	55	52	678	596
Fort Wayne, Ind.-----	32	32	561	501	Tucson, Ariz.-----	23	24	331	298
Gary, Ind.-----	32	24	493	404	PACIFIC:				
Grand Rapids, Mich.-----	44	33	666	560	Berkeley, Calif.-----	21	18	298	279
Indianapolis, Ind.-----	111	130	1,884	1,749	Fresno, Calif.-----	(23)	(31)	(524)	---
Madison, Wis.-----	---	(32)	---	(450)	Glendale, Calif.-----	(31)	(29)	(512)	---
Milwaukee, Wis.-----	121	110	2,120	1,859	Long Beach, Calif.-----	47	54	793	815
Peoria, Ill.-----	24	32	509	419	Los Angeles, Calif.-----	518	462	7,332	7,131
Rockford, Ill.-----	(20)	(25)	(400)	(345)	Oakland, Calif.-----	93	120	1,430	1,386
South Bend, Ind.-----	23	28	417	359	Pasadena, Calif.-----	34	42	530	547
Toledo, Ohio.-----	77	84	1,565	1,345	Portland, Oreg.-----	118	107	1,453	1,379
Youngstown, Ohio.-----	49	46	777	826	Sacramento, Calif.-----	52	56	776	758
WEST NORTH CENTRAL:					SAN DIEGO, CALIF.-----				
Des Moines, Iowa.-----	55	60	817	776	San Diego, Calif.-----	84	115	1,232	1,171
Duluth, Minn.-----	17	20	359	376	San Francisco, Calif.-----	225	201	2,992	2,852
Kansas City, Kans.-----	31	28	443	452	San Jose, Calif.-----	(19)	(17)	(322)	---
Kansas City, Mo.-----	121	164	1,910	1,682	Seattle, Wash.-----	136	133	1,964	1,912
Lincoln, Nebr.-----	(31)	(22)	(376)	---	Spokane, Wash.-----	46	46	681	649
Minneapolis, Minn.-----	119	133	1,919	1,755	Tacoma, Wash.-----	37	34	557	569
Omaha, Nebr.-----	74	77	1,046	1,032	HONOLULU, HAWAII.-----				
					(37) (49) (549) (586)				

¹Estimated.

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

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

served by the delicatessen that same day without reports of illness. No samples of the suspected food were available from the delicatessen since the proprietor has a policy of disposing of all food on the day it is prepared. Specimens of the beans and of the ravioli and the spaghetti container, obtained from the home, revealed no staphylococci nor enteric pathogens.

Brucellosis

The Iowa State Department of Health stated in their weekly morbidity report that 214 cases of brucellosis were reported in 1957 as compared with 360 in 1956. Almost one-fourth of all cases reported in the United States in 1956 were from Iowa. In the 2-year period, 1956-57, one or more cases were reported from 89 of the 99 counties in the State. Most of the cases resulted from direct contact with infected animals—cattle or swine. A rural housewife who bottle-fed an orphan baby pig for a few days developed the swine-type of brucellosis.

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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