

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 February 1, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from all causes increased slightly in the 114 large cities during the week ended February 1 as compared with the previous week. The numbers were 12,858 and 12,753, respectively (see page 6). Deaths from influenza and pneumonia increased from 675 to 750. The increases in influenza and pneumonia deaths occurred in the cities of the Middle Atlantic, West North Central, South Atlantic, and West South Central Divisions. The cumulative total since September 1, 1957, is 12,475 as compared with 7,317 for the same period 1 year ago, 7,110 in 1955-56, and 6,533 in 1954-55.

The numbers of deaths from all causes and from influenza and pneumonia have remained at a higher than expected level for

a period of approximately 18 weeks. Excess mortality from influenza and pneumonia has been reported by Dr. Selwyn D. Collins for periods of equal or greater length in 1918-19 (31 weeks), in the spring of 1928 (19 weeks), and in the winter of 1935-36 (22 weeks). The duration of excess mortality in 1953 was 13 weeks. The present high level of mortality is being maintained in spite of the fact that reports do not indicate any widespread occurrence of influenza or influenza-like disease. Estimates of the prevalence of acute upper respiratory diseases made by the United States National Health Survey have shown no marked rise in these infections since the middle of November.

The pattern of relatively high mortality from influenza and pneumonia in the large cities of the United States has been re-

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	5th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 1, 1958 ¹	Ended Feb. 2, 1957	Median 1953-57	First 5 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-56 ²	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	-	1	2	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	15	17	21	58	64	106	(2)	(2)	(2)	(2)
Diphtheria-----055	15	22	35	96	114	220	868	863	1,531	July 1
Encephalitis, infectious-----082	26	15	17	104	90	90	1,402	1,656	1,431	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	375	434	792	1,734	1,962	3,217	5,539	7,161	10,022	Sept. 1
Malaria-----110-117	2	3	5	5	8	16	(2)	(2)	(2)	(2)
Measles-----085	11,948	11,683	11,283	43,086	49,261	38,491	75,989	86,470	69,832	Sept. 1
Meningococcal infections-----057	62	53	92	289	250	476	1,246	981	1,498	Sept. 1
Meningitis, other-----340	49	26	---	223	145	---	---	---	---	---
Polio-myelitis-----080	19	53	89	110	231	634	5,478	14,579	35,091	Apr. 1
Paralytic-----080.0,080.1	10	32	---	60	132	---	1,944	6,258	---	Apr. 1
Nonparalytic-----080.2	9	16	---	39	59	---	2,678	5,667	---	Apr. 1
Unspecified-----080.3	-	5	---	11	40	---	856	2,654	---	Apr. 1
Psittacosis-----096.2	4	2	2	8	14	14	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Typhoid fever-----040	23	18	29	72	93	126	1,092	1,540	1,997	Apr. 1
Typhus fever, endemic-----101	-	1	1	2	14	10	91	100	153	Apr. 1
Rabies in animals-----	87	89	139	³ 417	473	596	³ 1,232	1,437	1,961	Oct. 1

¹Data exclude report from South Dakota for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes revised report from North Carolina for the week ended January 4.

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

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EPIDEMIOLOGICAL REPORTS—Continued

markably similar to that for the large cities in England and Wales. As shown in the table below, mortality began to rise first in the cities in England and Wales, but both groups reached a peak in 6 weeks, receded for about the same period of time, and then experienced a secondary rise.

Week ended—	108 large cities in the United States	160 great towns in England and Wales
1957		
Sept. 7-----	272	185
14-----	260	292
21-----	306	394
28-----	261	700
Oct. 5-----	328	933
12-----	483	1,162
19-----	606	1,145
26-----	772	901
Nov. 2-----	859	667
9-----	887	455
16-----	782	430
23-----	693	423
30-----	557	421
Dec. 7-----	581	556
14-----	535	664
21-----	565	668
28-----	487	718
1958		
Jan. 4-----	532	895
11-----	633	833
18-----	651	686
25-----	675	---
Feb. 1-----	750	---

Cat scratch fever

Information has been received from the Colorado State Department of Public Health of a case of cat scratch fever in a 19-year-old man. The individual resided in an open-bay type barracks at an Air Force base, and was scratched on the hands by a stray cat 10 days before he developed a minimal cervical adenitis without suppuration. No blood samples were taken. Skin test antigen was negative at 24 hours, but at 48 hours was sharply positive with 1½ cm. induration and 2½ cm. erythema. The patient made an uneventful recovery.

Tularemia

Dr. E. J. Witte, Pennsylvania Department of Health, has reported 2 cases of tularemia, which involved a 34-year-old man and an 11-year-old boy who had gone hunting together. The exposure to wild rabbits occurred on November 15, 1957, and 5 days later symptoms developed in both individuals. They both suffered from headache, fever, chills, sweating, vomiting, loss of weight, and prostration. In the man cellulitis was present in both hands, and both epitrochlear nodes were swollen and tender. Agglutination tests performed on the man on December 2 and 5 resulted in titer of 1:80 and 1:160, respectively. The boy had a cough, skin eruption, scratches on the hands, and axillary adenitis, but no significant cervical or inguinal adenitis. An agglutination test done on the boy on December 10 revealed a

titer of 1:1280. Streptomycin was administered to both patients, and both recovered.

Rabies in animals

Dr. E. J. Witte has also provided information about a rabid dog in Lancaster County, Pennsylvania, which bit 7 people on October 26, 1957. The dog was isolated and died 2 days later. Laboratory examination was positive for rabies. The preceding week the dog had been irritable, had been taken hunting, and had bitten 2 other dogs. These dogs were destroyed when it became known that the attacking dog had been rabid. Rabies vaccine was administered to 5 of the 7 persons attacked. Their ages ranged from 16 to 46 years. The other 2 individuals had traveled to another part of the State, but were eventually located, and they also received antirabies prophylaxis. There have been no reactions in any of these individuals to date.

Gastro-enteritis

The California State Department of Health has reported 2 outbreaks of gastro-enteritis occurring in late 1957, the first in a private home, and the other in a restaurant. In the private home, 5 of 5 persons became ill with vomiting, cramps, and diarrhea after eating cured ham. The symptoms persisted for about 30 hours and 1 person was hospitalized. The ham was refrigerated within 1 hour of its purchase at a market on December 24, 1957. The same day it was cooked for 4 hours, allowed to cool at room temperature for 2 hours, and then refrigerated until 10:00 a.m. the following day. It remained on the table unrefrigerated all day December 25. Laboratory examination of a specimen of ham revealed a great many golden pigmented, gelatin liquefying, hemolytic, coagulase-positive staphylococci. The restaurant outbreak involved 3 of 4 persons who became ill with nausea and vomiting, cramping abdominal pain, chills, and fever, 28 to 30 hours after the ingestion of turkey salad sandwiches. One person also had diarrhea. The symptoms lasted about 6 hours. The individual who did not become ill had not eaten turkey salad. The turkey salad sandwiches consisted of a mixture of chopped turkey and mayonnaise plus bread and butter. The turkey had been prepared 2 days before. The turkeys used by this restaurant are commercially wrapped by a packer, are purchased in a local market, and they are refrigerated immediately upon delivery to the restaurant. Following the roasting, the turkey is again refrigerated until used. Slices of turkey are allowed to remain on the preparation table until used in sandwiches. None of the incriminated turkey was available for examination, and the mayonnaise was not cultured since it had a pH of 4.

The California State Department of Health has also provided information about an outbreak of gastro-enteritis among 15 of 500 "braceros" in a labor camp on January 1, 1958. Symptoms of abdominal pain, vomiting, diarrhea, and prostration occurred 1 to 3 hours after ingestion of a breakfast consisting of eggs, oatmeal, coffee, bread, and milk. The victims were hospitalized, and the symptoms lasted about 4 hours. The kitchen equipment, refrigeration, and preparation of the food were good from the sanitation standpoint but the storage of food may not have been carried out properly. Dried, nonfat milk was mixed with hot water 10 hours before serving. The milk, which was stored in a large container, thereby, prolonging the cooling time, was supposedly refrigerated. Culture and smear of vomitus revealed Staphylococcus aureus, Escherichia coli, and Proteus.

The Maine Department of Health and Welfare has reported an outbreak of gastro-enteritis among 75 to 80 students in a college dining hall 3 to 4 hours after a meal consisting of oyster

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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 FEBRUARY 2, 1957, AND FEBRUARY 1, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		5th week		Cumulative first 5 weeks		082		5th week		Cumulative first 5 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	15	17	15	22	96	114	26	15	375	434	1,734	1,962
NEW ENGLAND-----	-	-	-	1	2	2	1	-	11	34	41	140
Maine-----	-	-	-	-	-	1	-	-	5	8	6	39
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	3
Vermont-----	-	-	-	-	-	-	-	-	-	8	-	31
Massachusetts-----	-	-	-	1	2	1	1	-	4	12	22	44
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	6	9
Connecticut-----	-	-	-	-	-	-	-	-	1	6	7	14
MIDDLE ATLANTIC-----	2	-	3	3	8	5	5	5	47	64	191	247
New York-----	-	-	3	-	5	2	4	4	25	33	103	129
New Jersey-----	-	-	-	1	1	1	-	1	10	13	24	49
Pennsylvania-----	2	-	-	2	2	2	1	-	12	18	64	69
EAST NORTH CENTRAL-----	1	8	-	1	3	11	1	-	80	82	248	351
Ohio-----	-	1	-	1	2	3	-	-	21	17	64	108
Indiana-----	-	-	-	-	-	-	-	-	20	7	37	20
Illinois-----	-	6	-	-	-	-	-	-	10	10	44	60
Michigan-----	1	1	-	-	1	8	1	-	26	37	92	127
Wisconsin-----	-	-	-	-	-	-	-	-	3	11	11	36
WEST NORTH CENTRAL ¹ -----	9	8	-	2	3	8	1	-	17	32	71	159
Minnesota-----	2	-	-	-	-	2	-	-	2	11	13	56
Iowa-----	3	4	-	-	1	1	1	-	-	3	13	34
Missouri-----	2	-	-	-	-	-	-	-	3	13	20	25
North Dakota-----	-	-	-	-	1	-	-	-	6	1	15	37
South Dakota-----	-	-	-	2	1	3	-	-	-	1	1	3
Nebraska-----	-	3	-	-	1	1	-	-	3	2	4	3
Kansas-----	2	1	-	-	1	1	-	-	3	1	6	1
SOUTH ATLANTIC-----	2	-	8	10	28	34	12	3	33	14	119	114
Delaware-----	-	-	-	-	-	-	-	-	1	-	3	-
Maryland-----	-	-	-	-	1	1	-	-	1	1	14	6
District of Columbia-----	-	-	-	-	-	-	-	-	1	-	1	6
Virginia-----	-	-	-	-	5	-	-	-	3	7	32	38
West Virginia-----	-	-	-	-	1	1	-	1	-	3	10	11
North Carolina-----	-	-	4	6	6	7	11	2	5	1	12	14
South Carolina-----	-	-	-	1	2	7	1	-	2	-	3	3
Georgia-----	2	-	3	1	10	9	-	-	6	-	16	21
Florida-----	-	-	1	2	3	9	-	-	8	2	28	15
EAST SOUTH CENTRAL-----	-	1	-	1	11	22	-	-	28	70	147	314
Kentucky-----	-	-	-	-	1	7	-	-	20	38	81	100
Tennessee-----	-	-	-	-	3	1	-	-	2	23	38	163
Alabama-----	-	-	-	-	5	6	-	-	5	4	19	26
Mississippi-----	-	1	-	1	2	8	-	-	1	5	9	25
WEST SOUTH CENTRAL-----	-	-	-	4	21	23	1	1	21	21	109	95
Arkansas-----	-	-	-	-	2	1	-	-	1	1	7	14
Louisiana-----	-	-	-	-	1	-	-	-	-	-	2	8
Oklahoma-----	-	-	-	2	6	4	1	-	2	8	17	16
Texas-----	-	-	-	2	12	18	-	1	18	12	83	57
MOUNTAIN-----	-	-	4	-	19	6	1	-	78	36	525	176
Montana-----	-	-	1	-	10	2	-	-	12	4	32	15
Idaho-----	-	-	-	-	1	-	-	-	6	4	20	12
Wyoming-----	-	-	2	-	2	1	-	-	-	1	2	4
Colorado-----	-	-	1	-	3	-	-	-	4	6	17	32
New Mexico-----	-	-	-	-	2	3	-	-	6	3	43	48
Arizona-----	-	-	-	-	1	-	-	-	32	12	374	38
Utah-----	-	-	-	-	-	-	-	-	7	-	23	9
Nevada-----	-	-	-	-	-	-	1	-	11	6	14	18
PACIFIC-----	1	-	-	-	1	3	4	6	60	81	283	366
Washington-----	-	-	-	-	-	-	-	-	12	27	56	65
Oregon-----	-	-	-	-	1	-	-	-	7	10	32	71
California-----	1	-	-	-	-	3	4	6	41	44	195	230
Alaska-----	-	-	-	-	-	-	-	-	3	1	18	5
Hawaii-----	-	-	-	-	-	-	-	-	2	1	6	3
Puerto Rico-----	-	-	1	1	2	2	-	-	15	-	23	6

¹Data exclude report from South Dakota 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 FEBRUARY 2, 1957, AND FEBRUARY 1, 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 ²				Paralytic		Nonparalytic		110-117		085	
	5th week		Cumulative first 5 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	19	53	110	231	10	32	9	16	2	3	11,948	11,683
NEW ENGLAND-----	-	2	2	3	-	1	-	1	1	-	1,187	450
Maine-----	-	1	2	1	-	1	-	-	-	-	41	10
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	32	12
Vermont-----	-	-	-	-	-	-	-	-	-	-	58	144
Massachusetts-----	-	-	-	-	-	-	-	-	-	-	666	97
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	8	1
Connecticut-----	-	1	-	2	-	-	-	1	1	-	382	186
MIDDLE ATLANTIC-----	-	2	8	8	-	1	-	1	-	-	1,801	1,564
New York-----	-	2	6	7	-	1	-	1	-	-	1,417	766
New Jersey-----	-	-	2	1	-	-	-	-	-	-	207	519
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	177	279
EAST NORTH CENTRAL-----	3	6	9	24	2	4	1	-	-	-	2,711	1,746
Ohio-----	-	-	2	7	-	-	-	-	-	-	364	216
Indiana-----	-	-	1	5	-	-	-	-	-	-	212	194
Illinois-----	1	3	1	4	1	1	-	-	-	-	223	251
Michigan-----	1	2	3	5	-	2	1	-	-	-	385	685
Wisconsin-----	1	1	2	3	1	1	-	-	-	-	1,527	400
WEST NORTH CENTRAL ¹ -----	1	5	3	21	1	1	-	3	-	-	331	465
Minnesota-----	-	-	-	1	-	-	-	-	-	-	14	124
Iowa-----	1	2	1	3	1	-	-	2	-	-	195	141
Missouri-----	-	1	1	5	-	-	-	-	-	-	24	81
North Dakota-----	-	-	-	-	-	-	-	-	-	-	92	101
South Dakota-----	-	-	1	-	-	-	-	-	-	-	-	-
Nebraska-----	-	2	-	6	-	1	-	1	-	-	5	18
Kansas-----	-	-	-	6	-	-	-	-	-	-	1	-
SOUTH ATLANTIC-----	6	12	37	37	1	8	5	2	-	-	1,753	570
Delaware-----	-	-	-	-	-	-	-	-	-	-	7	13
Maryland-----	-	-	-	-	-	-	-	-	-	-	339	17
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	72	3
Virginia-----	1	1	1	2	1	1	-	-	-	-	180	69
West Virginia-----	-	-	-	-	-	-	-	-	-	-	330	60
North Carolina-----	3	4	17	6	-	3	3	1	-	-	150	71
South Carolina-----	-	2	1	12	-	1	-	1	-	-	534	107
Georgia-----	-	2	-	2	-	2	-	-	-	-	66	85
Florida-----	2	3	17	15	-	1	2	-	-	-	75	145
EAST SOUTH CENTRAL-----	1	3	13	18	1	2	-	1	-	-	1,184	2,025
Kentucky-----	1	-	10	2	1	-	-	-	-	-	464	965
Tennessee-----	-	-	2	4	-	-	-	-	-	-	586	884
Alabama-----	-	-	-	4	-	-	-	-	-	-	103	106
Mississippi-----	-	3	1	8	-	2	-	1	-	-	31	70
WEST SOUTH CENTRAL-----	3	9	14	44	3	6	-	3	-	3	1,091	1,706
Arkansas-----	1	-	1	1	1	-	-	-	-	-	10	45
Louisiana-----	-	2	5	8	-	1	-	1	-	1	19	1
Oklahoma-----	-	-	-	2	-	-	-	-	-	2	67	25
Texas-----	2	7	8	33	2	5	-	2	-	-	995	1,635
MOUNTAIN-----	1	1	4	20	1	1	-	-	1	-	774	1,184
Montana-----	-	-	-	1	-	-	-	-	-	-	105	67
Idaho-----	-	-	-	-	-	-	-	-	-	-	170	40
Wyoming-----	1	-	1	-	1	-	-	-	-	-	5	7
Colorado-----	-	-	-	2	-	-	-	-	-	-	72	71
New Mexico-----	-	1	1	3	-	1	-	-	-	-	272	129
Arizona-----	-	-	1	3	-	-	-	-	1	-	102	169
Utah-----	-	-	1	9	-	-	-	-	-	-	48	486
Nevada-----	-	-	-	2	-	-	-	-	-	-	-	175
PACIFIC-----	4	13	20	56	1	8	3	5	-	-	1,116	1,993
Washington-----	-	-	-	1	-	-	-	-	-	-	338	446
Oregon-----	1	-	2	3	-	-	1	-	-	-	254	235
California-----	3	13	18	52	1	8	2	5	-	-	524	1,312
Alaska-----	-	-	-	1	-	-	-	-	-	-	36	7
Hawaii-----	-	1	1	1	-	1	-	-	-	1	8	415
Puerto Rico-----	4	1	8	4	3	1	1	-	-	-	46	57

¹Data exclude report from South Dakota 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 FEBRUARY 2, 1957, AND FEBRUARY 1, 1958—Continued

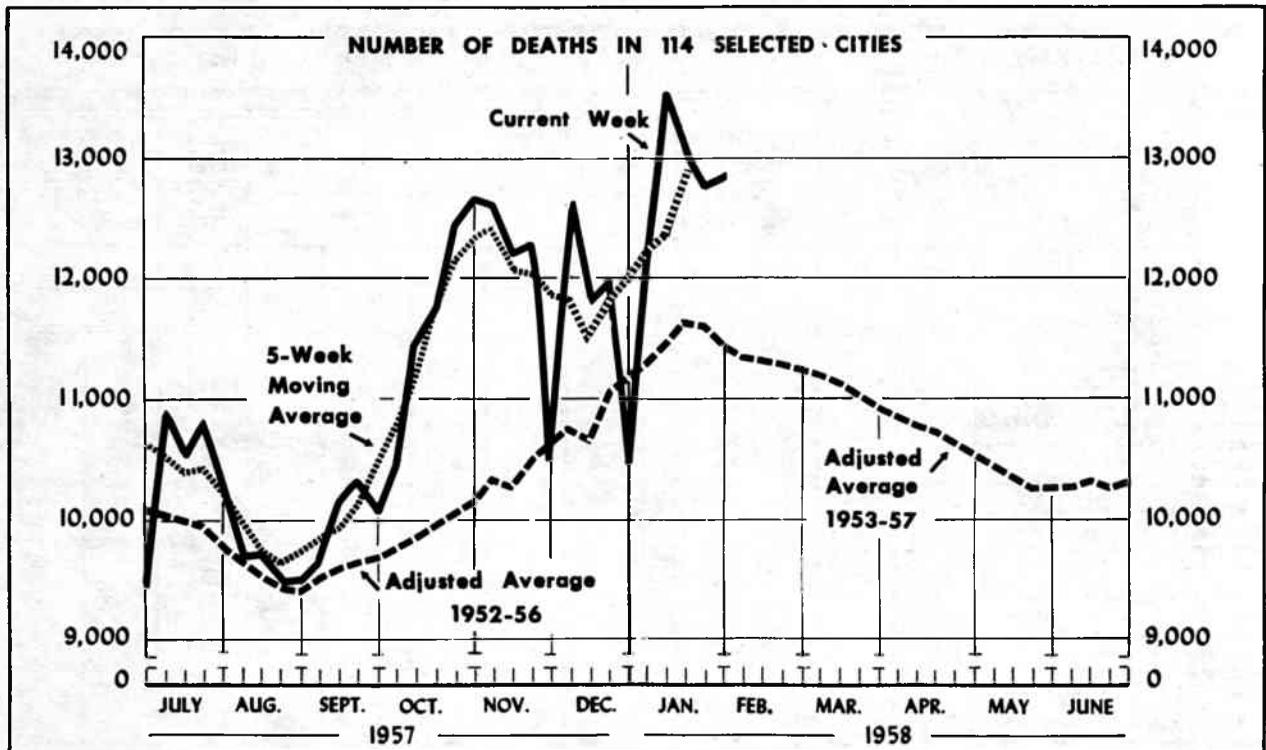
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
						5th week		Cumulative first 5 weeks				
	057	340	096.2	1958	1957	1958	1957	1958	1957	101	1958	1957
CONT. UNITED STATES ¹ -----	62	53	49	4	2	23	18	72	93	-	87	89
NEW ENGLAND-----	4	1	7	-	-	-	1	1	4	-	-	-
Maine-----	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	4	-	-	-	-	1	1	-	-	-
Rhode Island-----	-	-	3	-	-	-	-	1	2	-	-	-
Connecticut-----	4	-	-	-	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC-----	13	10	-	1	-	1	-	8	8	-	2	4
New York-----	5	2	-	1	-	-	-	2	2	-	2	3
New Jersey-----	3	3	-	-	-	-	-	1	2	-	-	-
Pennsylvania-----	5	5	-	-	-	1	-	5	4	-	-	1
EAST NORTH CENTRAL-----	14	12	14	-	1	2	2	8	12	-	10	7
Ohio-----	2	2	-	-	1	-	1	-	9	-	7	-
Indiana-----	-	-	2	-	-	-	-	4	1	-	1	4
Illinois-----	4	3	9	-	-	-	-	-	-	-	1	-
Michigan-----	5	7	3	-	-	-	1	2	2	-	-	2
Wisconsin-----	3	-	-	-	-	2	-	2	-	-	1	1
WEST NORTH CENTRAL ¹ -----	-	3	-	1	-	4	2	14	10	-	15	14
Minnesota-----	-	2	-	1	-	-	-	1	1	-	11	7
Iowa-----	-	1	-	-	-	-	1	4	4	-	1	-
Missouri-----	-	-	-	-	-	2	1	6	5	-	2	7
North Dakota-----	-	-	-	-	-	-	-	-	-	-	1	-
South Dakota-----	-	-	-	-	-	-	-	1	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	-
Kansas-----	-	-	-	-	-	1	-	2	1	-	-	-
SOUTH ATLANTIC-----	9	10	15	-	-	6	2	13	13	-	19	23
Delaware-----	1	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	1	2	-	-	-	-	1	-	-	-	-
District of Columbia-----	1	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	2	10	-	-	-	-	2	4	-	9	5
West Virginia-----	1	2	-	-	-	-	-	1	3	-	3	-
North Carolina-----	3	3	-	-	-	5	-	8	1	-	-	2
South Carolina-----	-	-	-	-	-	1	-	1	-	-	-	4
Georgia-----	-	-	1	-	-	-	2	-	3	-	6	5
Florida-----	-	2	2	-	-	-	-	-	2	-	1	7
EAST SOUTH CENTRAL-----	8	4	2	-	-	1	3	5	17	-	26	14
Kentucky-----	1	1	1	-	-	1	-	1	2	-	18	8
Tennessee-----	1	-	1	-	-	-	3	2	9	-	7	1
Alabama-----	4	3	-	-	-	-	-	1	-	-	-	4
Mississippi-----	2	-	-	-	-	-	-	1	6	-	1	1
WEST SOUTH CENTRAL-----	7	7	6	1	1	6	3	18	16	-	13	24
Arkansas-----	-	2	1	-	-	-	2	-	5	-	2	4
Louisiana-----	5	2	-	-	-	5	-	10	1	-	1	7
Oklahoma-----	1	-	3	-	-	-	-	-	3	-	-	1
Texas-----	1	3	2	1	1	1	1	8	7	-	10	12
MOUNTAIN-----	1	-	4	-	-	1	2	1	6	-	1	1
Montana-----	1	-	1	-	-	-	-	-	1	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	-	-	1	-	2	-	-	-
New Mexico-----	-	-	1	-	-	1	-	1	2	-	-	-
Arizona-----	-	-	1	-	-	-	1	-	1	-	1	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	6	1	1	-	2	3	4	7	-	1	2
Washington-----	1	1	-	-	-	-	-	-	-	-	-	-
Oregon-----	1	-	1	-	-	-	-	-	-	-	-	-
California-----	4	5	-	1	-	2	3	4	7	-	1	2
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	2	7	-	-	-

¹Data exclude report from South Dakota for the current week.

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

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, 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	5th week ended Feb. 1, 1958	4th week ended Jan. 25, 1958	Adjusted average, 5th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 5 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	12,858	12,753	11,443	+12.4	64,330	58,134	+10.7
New England----- (14 cities)	718	799	753	-4.6	3,851	3,935	-2.1
Middle Atlantic----- (20 cities)	3,872	3,743	3,386	+14.4	18,880	16,839	+12.1
East North Central----- (19 cities)	2,789	2,889	2,453	+13.7	13,854	12,372	+12.0
West North Central----- (9 cities)	912	855	799	+14.1	4,430	4,008	+10.5
South Atlantic----- (11 cities)	1,062	1,050	963	+10.3	5,480	5,008	+9.4
East South Central----- (8 cities)	560	606	520	+7.7	3,009	2,601	+15.7
West South Central----- (13 cities)	1,124	985	888	+26.6	5,621	4,835	+16.3
Mountain----- (8 cities)	351	331	273	+28.6	1,719	1,421	+21.0
Pacific----- (12 cities)	1,470	1,495	1,391	+5.7	7,486	7,115	+5.2

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

AREA	5th week ended Feb. 1, 1958	4th week ended Jan. 25, 1958	CUMULATIVE NUMBER FIRST 5 WEEKS		AREA	5th week ended Feb. 1, 1958	4th week ended Jan. 25, 1958	CUMULATIVE NUMBER FIRST 5 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	246	263	1,321	1,327	St. Louis, Mo.-----	300	284	1,481	1,212
Bridgeport, Conn.-----	36	47	207	209	St. Paul, Minn.-----	83	75	435	354
Cambridge, Mass.-----	24	32	146	179	Wichita, Kans.-----	67	48	261	235
Fall River, Mass.-----	18	34	140	131	SOUTH ATLANTIC:				
Hartford, Conn.-----	59	58	280	288	Atlanta, Ga.-----	107	122	607	621
Lowell, Mass.-----	23	29	146	144	Baltimore, Md.-----	292	245	1,480	1,310
Lynn, Mass.-----	18	25	112	127	Charlotte, N. C.-----	33	35	176	177
New Bedford, Mass.-----	30	37	161	167	Jacksonville, Fla.-----	67	61	380	283
New Haven, Conn.-----	54	44	247	255	Miami, Fla.-----	85	68	376	265
Providence, R. I.-----	75	78	380	346	Norfolk, Va.-----	29	39	198	215
Somerville, Mass.-----	13	17	73	72	Richmond, Va.-----	60	70	381	408
Springfield, Mass.-----	43	46	232	218	Savannah, Ga.-----	37	62	206	174
Waterbury, Conn.-----	28	28	149	140	St. Petersburg, Fla.-----	(83)	(76)	(388)	---
Worcester, Mass.-----	51	61	257	332	Tampa, Fla.-----	62	86	380	365
MIDDLE ATLANTIC:					Washington, D. C.-----	244	231	1,102	1,001
Albany, N. Y.-----	64	44	276	259	Wilmington, Del.-----	46	31	194	189
Allentown, Pa.-----	44	39	209	208	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	150	170	873	814	Birmingham, Ala.-----	105	102	488	405
Camden, N. J.-----	39	48	241	207	Chattanooga, Tenn.-----	58	63	292	270
Elizabeth, N. J.-----	31	37	179	137	Knoxville, Tenn.-----	28	24	174	162
Erie, Pa.-----	30	36	198	196	Louisville, Ky.-----	102	144	639	561
Jersey City, N. J.-----	67	104	434	391	Memphis, Tenn.-----	111	120	636	544
Newark, N. J.-----	136	139	632	582	Mobile, Ala.-----	52	47	249	183
New York City, N. Y.-----	2,059	1,952	9,698	8,656	Montgomery, Ala.-----	32	38	198	142
Paterson, N. J.-----	57	60	263	207	Nashville, Tenn.-----	72	68	333	334
Philadelphia, Pa.-----	604	496	2,892	2,279	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	222	226	1,111	986	Austin, Tex.-----	54	32	180	188
Reading, Pa.-----	23	17	104	137	Baton Rouge, La.-----	41	33	199	137
Rochester, N. Y.-----	95	101	519	551	Corpus Christi, Tex.-----	32	25	128	91
Schenectady, N. Y.-----	27	31	142	125	Dallas, Tex.-----	123	108	590	581
Scranton, Pa.-----	26	40	164	220	El Paso, Tex.-----	48	40	220	153
Syracuse, N. Y.-----	74	71	344	319	Fort Worth, Tex.-----	79	66	340	309
Trenton, N. J.-----	57	63	281	245	Houston, Tex.-----	190	176	954	777
Utica, N. Y.-----	35	35	148	158	Little Rock, Ark.-----	64	46	307	271
Yonkers, N. Y.-----	32	34	172	162	New Orleans, La.-----	223	217	1,137	935
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	82	79	429	349
Akron, Ohio-----	52	70	320	271	San Antonio, Tex.-----	110	87	620	514
Canton, Ohio-----	27	33	153	171	Shreveport, La.-----	55	46	270	261
Chicago, Ill.-----	955	1,046	4,687	4,014	Tulsa, Okla.-----	23	30	247	270
Cincinnati, Ohio-----	181	170	902	802	MOUNTAIN:				
Cleveland, Ohio-----	224	254	1,127	1,109	Albuquerque, N. Mex.-----	38	20	138	136
Columbus, Ohio-----	125	133	631	562	Colorado Springs, Colo.---	16	12	72	75
Dayton, Ohio-----	77	75	414	404	Denver, Colo.-----	141	136	687	628
Detroit, Mich.-----	373	359	1,804	1,695	Ogden, Utah-----	21	15	89	70
Evansville, Ind.-----	35	37	216	157	Phoenix, Ariz.-----	55	56	282	148
Flint, Mich.-----	36	53	205	207	Pueblo, Colo.-----	13	12	67	68
Fort Wayne, Ind.-----	50	41	213	200	Salt Lake City, Utah-----	41	56	251	215
Gary, Ind.-----	37	41	188	159	Tucson, Ariz.-----	26	24	133	81
Grand Rapids, Mich.-----	52	51	255	194	PACIFIC:				
Indianapolis, Ind.-----	129	125	653	634	Berkeley, Calif.-----	23	24	104	108
Madison, Wis.-----	(29)	---	---	(156)	Fresno, Calif.-----	(32)	(39)	(189)	---
Milwaukee, Wis.-----	193	147	830	665	Glendale, Calif.-----	(40)	(30)	(186)	---
Peoria, Ill.-----	33	30	164	156	Long Beach, Calif.-----	60	67	324	290
Rockford, Ill.-----	(19)	(31)	(147)	(114)	Los Angeles, Calif.-----	566	532	2,703	2,592
South Bend, Ind.-----	36	32	148	133	Oakland, Calif.-----	103	108	527	532
Toledo, Ohio-----	122	138	648	526	Pasadena, Calif.-----	31	38	189	213
Youngstown, Ohio-----	52	54	296	313	Portland, Ore.-----	91	137	577	473
WEST NORTH CENTRAL:					Sacramento, Calif.-----	56	49	284	283
Des Moines, Iowa-----	71	52	333	285	San Diego, Calif.-----	90	103	463	441
Duluth, Minn.-----	15	30	121	147	San Francisco, Calif.-----	204	228	1,115	1,047
Kansas City, Kans.-----	39	37	162	160	San Jose, Calif.-----	(19)	(17)	(114)	---
Kansas City, Mo.-----	144	125	637	584	Seattle, Wash.-----	141	124	710	692
Lincoln, Nebr.-----	(26)	(25)	(144)	---	Spokane, Wash.-----	53	54	271	233
Minneapolis, Minn.-----	130	133	653	648	Tacoma, Wash.-----	52	31	219	211
Omaha, Nebr.-----	63	71	347	383	Honolulu, Hawaii-----	(54)	(40)	(212)	(207)

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

EPIDEMIOLOGICAL REPORTS—Continued

stew, fruit salad, and milk. Samples of these foods were not available at the time of the investigation. The only food taken by all of the ill students was milk, which was served from 3 large dispensers in the dining hall. Each dispenser holds about 75 to 80 servings, and it was suspected that the contents of 1 of the dispensers was contaminated. Laboratory examinations of 10 samples of milk from the 3 dispensers, taken 3 days after the outbreak, were negative.

Information has been received from the Georgia Department of Public Health concerning an outbreak of gastro-enteritis among 10 students in a fraternity house. Originally this outbreak was thought to be due to bacterial contamination of food. However, 2 typical cases occurred before the suspected meal, and 2 cases 48 hours after this meal. In addition 2 persons had eaten none of the suspected foods. Laboratory examinations of the potato salad, peas, and custard pie were essentially negative, but the examination of the ham revealed a few colonies of coagulase-negative staphylococci. Stool cultures from 4 patients were negative. Later there were reports of a similar, although milder, illness in other fraternity houses and in the metropolitan area. On the basis of these reports it appeared that the outbreak of gastro-enteritis was probably viral in etiology.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

The following change of address should be made in the list of the Designated Yellow Fever Vaccination Centers, Section 6:

U. S. Public Health Service,
Outpatient Clinic,
Stop 8½, Fernandez Juncos Avenue,
San Juan, Puerto Rico
Tel. 3-5200

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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