

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release January 31, 1958

Washington 25, D. C.

Vol. 7, No. 4

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 25, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

Dr. Fred Davenport, University of Michigan, has reported that additional cases of influenza have been identified by virus isolation at the Universities of Michigan and Iowa. No further details were given. Dr. Clayton Loosli, University of Chicago, reports a sharp increase in acute respiratory disease as shown by the number of visits and admissions to the hospital at the university. Many of these illnesses resemble epidemic influenza. Throat washings have been collected from selected individuals at the Student Health Clinic and from persons in the adult and pediatric wards. Asian strains of influenza A viruses have been isolated. An outbreak of acute respiratory disease among college students in a Georgia university is also under investigation.

Dr. Elinor Whitney, New York State Department of Health, has reported an outbreak of illness early in January among nurses in the wing of a hospital in upstate New York. Paired blood samples from 2 acutely ill patients were examined. One showed a 5-fold and the other a 50-fold rise in antibody titer with antigen of influenza A virus in complement fixation tests. Clinical signs in the group were high fever, aches, and pains. X-ray findings showed patchy bilateral pneumonia in 4 cases.

The Oregon Board of Health states that as of January 24, influenza and pneumonia incidence continues to be well above incidence for the corresponding period last year or the 1950-56 median. Some of the "influenza" cases are accompanied by gastro-intestinal symptoms which were absent during the epidemic in the fall.

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	4th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 25, 1958	Ended Jan. 26, 1957	Median 1953-57	First 4 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-55 to 1956-57	
Anthrax-----062	-	-	1	-	1	2	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	9	10	19	43	47	85	(1)	(1)	(1)	(1)
Diphtheria-----055	15	25	44	81	92	182	853	847	1,496	July 1
Encephalitis, infectious-----082	27	20	19	78	75	75	1,376	1,641	1,414	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	309	441	656	1,359	1,528	2,425	5,164	6,727	9,424	Sept. 1
Malaria-----110-117	-	1	2	3	5	12	(1)	(1)	(1)	(1)
Measles-----085	9,432	11,287	8,837	31,008	37,578	28,202	63,911	74,787	59,543	Sept. 1
Meningococcal infections-----057	55	48	106	228	197	384	1,185	928	1,406	Sept. 1
Meningitis, other-----340	43	39	---	174	119	---	---	---	---	---
Poliomyelitis-----080	19	46	130	89	178	545	5,457	14,526	34,952	Apr. 1
Paralytic-----080.0,080.1	10	25	---	48	100	---	1,932	6,226	---	Apr. 1
Nonparalytic-----080.2	6	15	---	30	43	---	2,669	5,651	---	Apr. 1
Unspecified-----080.3	3	6	---	11	35	---	856	2,649	---	Apr. 1
Psittacosis-----096.2	1	4	4	4	12	12	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Typhoid fever-----040	13	27	27	49	75	99	1,069	1,522	1,968	Apr. 1
Typhus fever, endemic-----101	-	3	3	2	13	10	91	99	152	Apr. 1
Rabies in animals-----	79	127	127	345	384	457	1,160	1,348	1,822	Oct. 1

¹Data show no pronounced seasonal change in incidence.

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

COMMUNICABLE DISEASE CENTER

LIBRARY

50 SEVENTH STREET, N. E.

ATLANTA 23, GEORGIA

EPIDEMIOLOGICAL REPORTS—Continued

Dr. J. E. Peavy, Texas Department of Health, reports that there has been some general increase in influenza-like illness in the State during the past 2 weeks. Fourteen additional laboratory confirmations of diagnosis of influenza have been obtained which brings the total to 215 since the beginning of the epidemic.

The California Department of Public Health states that during the 3 weeks ended January 24, all indices have pointed to levels of incidence of influenza which remain about the same as those recorded for late December. No appreciable decline since mid-December has been evident. The number of specimens of paired sera submitted for complement fixation tests increased in the 3-week period ended January 17. Sixty-two percent of the 45 specimens submitted for the week ended January 3 were positive for influenza A. Sixty percent of 58 specimens and 55 percent of 63 specimens were positive in the following 2 weeks for influenza A. None were positive for influenza B.

The number of deaths from all causes in the 114 large cities for the week ended January 25 was 12,753 as compared with 13,008 for the previous week. Only the groups of cities in the Middle Atlantic, East North Central, and East South Central Divisions reported deaths above the expected numbers. The number of deaths from influenza rose to 665 as compared with 651 for the previous week. Increases occurred in the New England, Middle Atlantic, East North Central, and Mountain Divisions.

Trichinosis

Dr. James R. Enright, Hawaii Department of Health, has reported 6 cases of trichinosis, 3 of which were fatal. The individuals became ill from 1 to 14 days after eating meat from a pig raised on the Island of Hawaii. The 6 who became ill ate not only undercooked pork, but raw pork, liver, and blood. The pig was shared with 8 others, who thoroughly cooked their portion and remained without symptoms. One patient developed paralysis and acute illness the day after ingestion of the pork and expired 27 days later. Another patient developed vomiting, diarrhea, headache, and muscle pains 8 days after ingestion, could hardly walk, and died 11 days later. A third patient became partially paralyzed with pains in the calf muscles 10 days after ingestion and expired 17 days later. Three other persons suffered from pains in the calf muscles of both legs, were hospitalized, and recovered. Muscle biopsies were performed on 5 individuals, all showing numerous Trichinella larvae and fragmentation of the muscle bundles. The muscle biopsy on 1 of the recovered patients showed calcified cysts of a former infestation as well as larval forms. Autopsy on the patient who had developed symptoms the day following ingestion of the pork showed acute trichinosis with fragmentation of the myocardium and acute central necrosis of the liver lobules, as well as a marked hemorrhagic encephalomalacia, which in the opinion of the pathologist was independent of the Trichinella infestation. An autopsy on another showed bronchopneumonia in addition to acute trichinosis with myocardial fragmentation. A portion of the pork was examined and it contained numerous cysts.

Shigellosis

Information has been received from the San Joaquin (California) Health District concerning the infection of more than 58 persons with Shigella organisms in a restaurant between December 21 and 24, 1957. During this period 3 large parties were held in the restaurant. After one of the parties, 40 of 50 guests became ill, after another 5 of 59, and after the third, 5 of 28. Of the several hundred other individuals who ate in this restaurant during the same period, 8 reported illness. The incubation period varied from 4 hours to 6 days. The illness was characterized by nausea and vomiting, abdominal discomfort or cramps, and diarrhea. Many patients reported having mucoid stools; and some had fever. There was a marked variation in severity of illness, but the majority had a mild illness, and many did not consult a physician. The dietary histories were incomplete, but it appeared that the uncooked foods served, particularly the salad and dressing, were the only foods common to those who had been ill. Too few histories from well individuals were obtained to determine comparative attack rates for the various foods. Food handling techniques except for the salad and relishes were satisfactory. It was possible for the majority of the staff to contaminate the bulk supplies for the salads and relishes. Of the 19 food handlers working during the period of infection none gave a history of previous illness. Stool specimens were obtained from 15 of the food handlers, and 1 was found positive for Shigella. The positive food handler had not worked on December 21, and had served only individual customers on December 22. She became ill on January 2, 1958, and it was thought probable that this employee was not the source of infection, but rather was infected in the same way as the others. Of the 50 specimens submitted by guests, 18 were positive for Shigella. The organism isolated was Shigella flexner 6, a type which had not been observed in San Joaquin County in the recent past.

Gastro-enteritis

The California State Department of Health has reported 2 outbreaks of gastro-enteritis in that State, 1 in a restaurant and 1 in a private home. In the restaurant outbreak 2 persons became ill with nausea, vomiting, and diarrhea 1 and 11 hours after eating corned beef and swiss cheese sandwiches. The symptoms lasted 1½ days. Inspection of the restaurant revealed that it was clean and sanitary. The corned beef was boiled and sliced on the premises, and with the swiss cheese was kept under refrigeration until the sandwiches were prepared. Corned beef is delivered to this restaurant 3 times a week and is never on hand for more than 3 days. In the private home outbreak 3 persons became ill with nausea, vomiting, cramps, and diarrhea 9 to 12 hours after eating meat balls with sauce. The symptoms lasted 3 to 8 hours. Raw, ground hamburger had been purchased 1 hour before being cooked. The housewife noticed at the time of purchase that the meat varied in color, as if some older meat had been mixed with the fresher, and she thought it did not smell very good. Cooking was thorough so that the meat was well done. The meat was eaten hot from the frying pan. Specimens of meat balls with sauce, cottage cheese, and canned applesauce were negative for pathogens.

Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 26, 1957 AND JANUARY 25, 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		4th week		Cumulative first 4 weeks		082		4th week		Cumulative first 4 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	9	10	15	25	81	92	27	20	309	441	1,359	1,528
NEW ENGLAND-----	-	-	1	-	2	1	2	-	9	31	30	106
Maine-----	-	-	-	-	-	1	-	-	-	16	1	31
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	3
Vermont-----	-	-	-	-	-	-	-	-	-	2	-	23
Massachusetts-----	-	-	1	-	2	-	2	-	4	8	18	32
Rhode Island-----	-	-	-	-	-	-	-	-	5	3	5	9
Connecticut-----	-	-	-	-	-	-	-	-	-	2	6	8
MIDDLE ATLANTIC-----	1	1	-	1	5	2	2	2	41	44	144	183
New York-----	-	-	-	1	2	2	1	2	18	16	78	96
New Jersey-----	-	-	-	-	1	-	1	-	6	11	14	36
Pennsylvania-----	1	1	-	-	2	-	-	-	17	17	52	51
EAST NORTH CENTRAL-----	1	3	2	1	3	10	4	5	55	71	168	269
Ohio-----	-	-	2	-	2	2	1	-	10	15	43	91
Indiana-----	-	-	-	-	-	-	-	-	5	2	17	13
Illinois-----	1	3	-	-	-	-	2	1	12	14	34	50
Michigan-----	-	-	-	1	1	8	1	3	25	28	66	90
Wisconsin-----	-	-	-	-	-	-	-	1	3	12	8	25
WEST NORTH CENTRAL-----	2	3	-	3	3	6	1	3	14	42	54	127
Minnesota-----	-	-	-	1	-	2	-	-	3	15	11	45
Iowa-----	-	2	-	-	1	1	-	2	7	12	13	31
Missouri-----	-	-	-	-	-	-	1	-	-	7	17	12
North Dakota-----	-	-	-	-	1	-	-	-	1	8	9	36
South Dakota-----	2	1	-	1	-	-	-	-	-	-	-	2
Nebraska-----	-	-	-	1	1	1	-	1	-	-	1	-
Kansas-----	-	-	-	-	1	-	-	-	3	-	3	-
SOUTH ATLANTIC-----	-	2	2	6	20	24	7	3	24	25	86	100
Delaware-----	-	-	-	-	-	-	-	-	1	-	2	-
Maryland-----	-	-	-	-	1	1	-	-	4	1	7	5
District of Columbia-----	-	-	-	-	-	-	-	1	-	3	-	6
Virginia-----	-	-	-	-	5	-	1	-	6	6	29	31
West Virginia-----	-	-	-	1	1	-	-	-	2	2	10	8
North Carolina-----	-	-	-	2	1	4	1	1	4	2	7	13
South Carolina-----	-	1	-	4	2	6	-	1	-	-	1	3
Georgia-----	-	-	1	2	7	8	2	-	3	7	10	21
Florida-----	-	1	-	-	2	7	-	-	4	4	20	13
EAST SOUTH CENTRAL-----	-	-	3	8	11	21	-	1	35	74	119	244
Kentucky-----	-	-	4	1	7	-	-	-	15	25	61	62
Tennessee-----	-	-	-	3	1	-	-	1	15	37	36	140
Alabama-----	-	-	3	2	5	6	-	-	3	5	14	22
Mississippi-----	-	-	2	2	2	7	-	-	2	7	8	20
WEST SOUTH CENTRAL-----	1	1	6	2	21	19	-	1	27	18	88	74
Arkansas-----	-	-	1	-	2	1	-	-	1	1	6	13
Louisiana-----	1	1	-	1	-	-	-	-	-	1	2	8
Oklahoma-----	-	-	2	1	6	2	-	-	-	2	15	8
Texas-----	-	-	3	1	12	16	-	1	26	14	65	45
MOUNTAIN-----	1	-	1	2	15	6	-	-	49	64	447	140
Montana-----	-	-	-	-	9	2	-	-	9	5	20	11
Idaho-----	-	-	-	-	1	-	-	-	5	2	14	8
Wyoming-----	-	-	-	-	-	1	-	-	-	-	2	3
Colorado-----	1	-	1	-	2	-	-	-	3	4	13	26
New Mexico-----	-	-	-	2	2	3	-	-	12	32	37	45
Arizona-----	-	-	-	1	-	-	-	-	12	11	342	26
Utah-----	-	-	-	-	-	-	-	-	6	6	16	9
Nevada-----	-	-	-	-	-	-	-	-	2	4	3	12
PACIFIC-----	3	-	-	2	1	3	11	5	55	72	223	285
Washington-----	-	-	-	-	-	-	-	-	11	5	44	38
Oregon-----	-	-	-	1	-	-	1	-	6	16	25	61
California-----	3	-	-	2	-	3	10	5	38	51	154	186
Alaska-----	-	-	-	-	-	-	-	-	-	3	15	4
Hawaii-----	-	-	-	-	-	-	-	-	3	1	4	2
Puerto Rico-----	-	-	-	1	1	1	-	-	2	1	8	6

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 26, 1957 AND JANUARY 25, 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	
	4th week		Cumulative first 4 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-----	19	46	89	178	10	25	6	15	-	1	9,432	11,287
NEW ENGLAND-----	-	-	-	1	-	-	-	-	-	-	958	432
Maine-----	-	-	-	-	-	-	-	-	-	-	75	29
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	60	1
Vermont-----	-	-	-	-	-	-	-	-	-	-	9	95
Massachusetts-----	-	-	-	-	-	-	-	-	-	-	634	98
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	45	31
Connecticut-----	-	-	-	1	-	-	-	-	-	-	137	178
MIDDLE ATLANTIC-----	2	2	8	6	2	1	-	-	-	-	1,493	2,007
New York-----	2	1	6	5	2	1	-	-	-	-	1,104	973
New Jersey-----	-	1	2	1	-	-	-	-	-	-	192	540
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	197	494
EAST NORTH CENTRAL-----	1	6	6	18	1	2	-	3	-	-	2,397	1,604
Ohio-----	-	2	2	7	-	2	-	-	-	-	303	159
Indiana-----	-	2	1	5	-	-	-	2	-	-	101	199
Illinois-----	-	1	-	1	-	-	-	-	-	-	262	366
Michigan-----	-	1	2	3	-	-	-	1	-	-	324	524
Wisconsin-----	1	-	1	2	1	-	-	-	-	-	1,407	356
WEST NORTH CENTRAL-----	-	2	2	16	-	1	-	1	-	-	110	674
Minnesota-----	-	-	-	1	-	-	-	-	-	-	25	136
Iowa-----	-	-	-	1	-	-	-	-	-	-	55	208
Missouri-----	1	1	1	4	-	1	-	-	-	-	14	133
North Dakota-----	-	-	-	-	-	-	-	-	-	-	13	111
South Dakota-----	-	-	1	-	-	-	-	-	-	-	-	82
Nebraska-----	-	1	-	4	-	-	-	1	-	-	2	4
Kansas-----	-	-	-	6	-	-	-	-	-	-	1	-
SOUTH ATLANTIC-----	6	7	31	25	-	4	4	3	-	-	1,025	741
Delaware-----	-	-	-	-	-	-	-	-	-	-	12	14
Maryland-----	-	-	-	-	-	-	-	-	-	-	319	16
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	31	9
Virginia-----	-	-	-	1	-	-	-	-	-	-	145	105
West Virginia-----	-	-	-	-	-	-	-	-	-	-	286	129
North Carolina-----	-	2	14	2	-	1	-	1	-	-	26	32
South Carolina-----	-	3	1	10	-	2	-	1	-	-	153	154
Georgia-----	-	-	-	-	-	-	-	-	-	-	43	122
Florida-----	6	2	15	12	-	1	4	1	-	-	10	160
EAST SOUTH CENTRAL-----	1	2	12	15	1	1	-	-	-	-	1,376	1,407
Kentucky-----	1	-	9	2	1	-	-	-	-	-	542	580
Tennessee-----	-	1	2	4	-	1	-	-	-	-	705	574
Alabama-----	-	1	-	4	-	-	-	-	-	-	86	234
Mississippi-----	-	-	1	5	-	-	-	-	-	-	43	19
WEST SOUTH CENTRAL-----	4	7	11	35	3	6	1	1	-	-	846	1,169
Arkansas-----	-	-	-	1	-	-	-	-	-	-	52	35
Louisiana-----	2	-	5	6	1	-	1	-	-	-	12	4
Oklahoma-----	-	1	-	2	-	1	-	-	-	-	45	26
Texas-----	2	6	6	26	2	5	-	1	-	-	737	1,104
MOUNTAIN-----	1	7	3	19	-	2	-	2	-	-	524	1,264
Montana-----	-	-	-	1	-	-	-	-	-	-	93	37
Idaho-----	-	-	-	-	-	-	-	-	-	-	94	48
Wyoming-----	-	-	-	-	-	-	-	-	-	-	2	2
Colorado-----	-	-	-	2	-	-	-	-	-	-	68	49
New Mexico-----	-	1	1	2	-	1	-	-	-	-	161	151
Arizona-----	-	3	1	3	-	1	-	2	-	-	68	174
Utah-----	1	3	1	9	-	-	-	-	-	-	35	793
Nevada-----	-	-	-	2	-	-	-	-	-	-	3	10
PACIFIC-----	4	13	16	43	3	8	1	5	-	1	703	1,989
Washington-----	-	-	-	1	-	-	-	-	-	-	149	397
Oregon-----	-	1	1	3	-	-	-	1	-	-	242	119
California-----	4	12	15	39	3	8	1	4	-	1	312	1,473
Alaska-----	-	1	-	1	-	1	-	-	-	-	-	13
Hawaii-----	-	-	1	-	-	-	-	-	-	-	2	374
Puerto Rico-----	-	-	4	3	-	-	-	-	-	-	59	71

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

Morbidity and Mortality Weekly Report

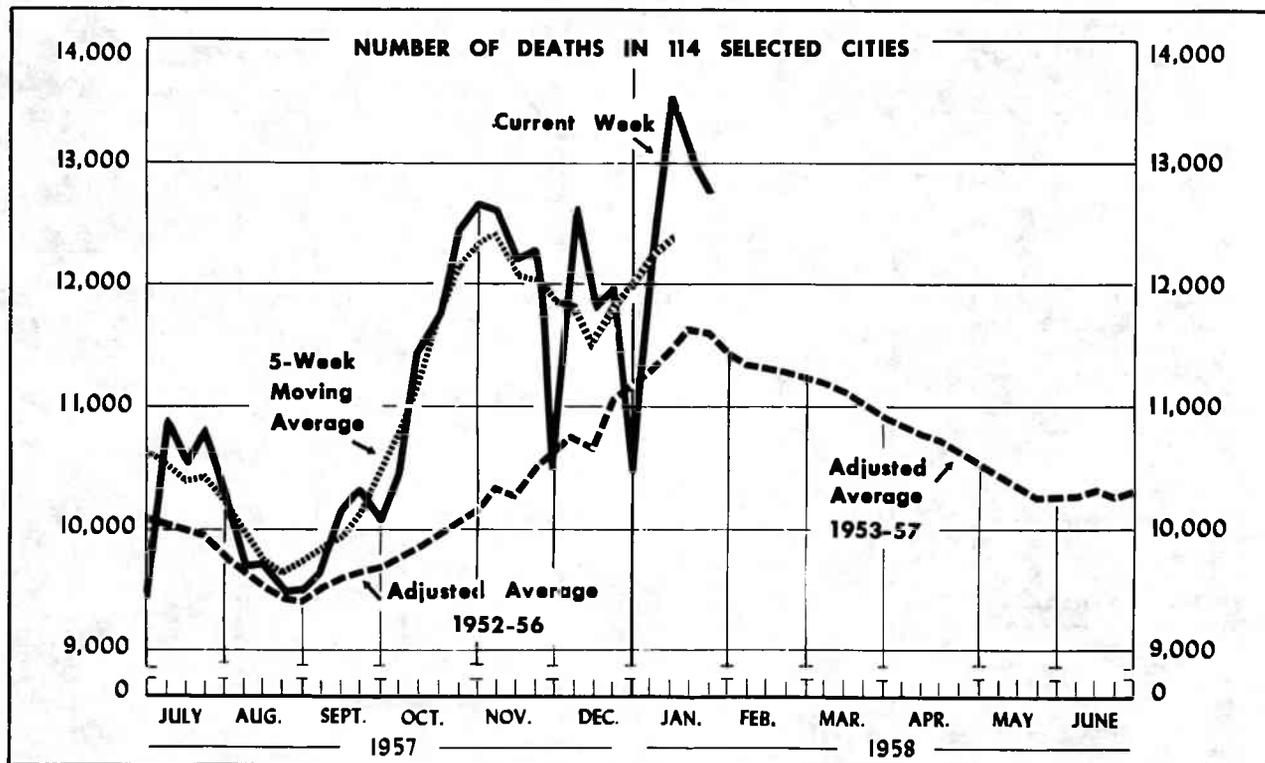
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 26, 1957 AND JANUARY 25, 1958—Continued

(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	
			340	096.2		4th week		Cumulative first 4 weeks		101		
	057	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	55	48	43	1	4	13	27	49	75	-	79	127
NEW ENGLAND-----	2	-	4	-	-	-	1	1	3	-	-	-
Maine-----	-	-	3	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	-	-	-	1	1	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	-	-
Connecticut-----	2	-	-	-	-	-	1	-	1	-	-	-
MIDDLE ATLANTIC-----	2	6	-	-	-	1	2	7	8	-	1	3
New York-----	1	2	-	-	-	-	1	2	2	-	-	2
New Jersey-----	1	1	-	-	-	1	1	1	2	-	-	-
Pennsylvania-----	-	3	-	-	-	-	-	4	4	-	1	1
EAST NORTH CENTRAL-----	16	14	9	-	1	2	3	6	10	-	8	10
Ohio-----	4	2	-	-	1	-	1	-	8	-	-	6
Indiana-----	1	2	-	-	-	2	1	4	1	-	5	3
Illinois-----	3	5	9	-	-	-	-	-	-	-	1	-
Michigan-----	7	5	-	-	-	-	1	2	1	-	-	1
Wisconsin-----	1	-	-	-	-	-	-	-	-	-	2	-
WEST NORTH CENTRAL-----	1	6	1	-	1	2	3	10	8	-	13	20
Minnesota-----	-	-	-	-	1	1	-	1	-	-	7	10
Iowa-----	-	-	1	-	-	-	1	3	3	-	2	8
Missouri-----	1	2	-	-	-	-	2	4	4	-	1	2
North Dakota-----	-	-	-	-	-	-	-	-	-	-	3	-
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	2	-	-	-	1	-	1	-	-	-	-
Kansas-----	-	2	-	-	-	-	-	1	1	-	-	-
SOUTH ATLANTIC-----	12	7	18	-	1	4	3	7	11	-	37	28
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	2	-	-	-	-	1	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	5	1	4	-	1	-	2	2	4	-	15	13
West Virginia-----	-	-	2	-	-	1	-	1	3	-	11	1
North Carolina-----	1	1	-	-	-	3	1	3	1	-	1	3
South Carolina-----	1	1	2	-	-	-	-	-	-	-	2	6
Georgia-----	4	-	6	-	-	-	-	-	1	-	7	4
Florida-----	1	4	2	-	-	-	-	-	2	-	1	1
EAST SOUTH CENTRAL-----	5	4	3	-	-	2	8	4	14	-	5	16
Kentucky-----	-	-	-	-	-	-	-	-	2	-	-	6
Tennessee-----	-	1	2	-	-	1	3	2	6	-	2	4
Alabama-----	2	3	-	-	-	-	-	1	-	-	2	6
Mississippi-----	3	-	1	-	-	1	5	1	6	-	1	-
WEST SOUTH CENTRAL-----	11	7	2	-	-	1	5	12	13	-	11	48
Arkansas-----	-	2	-	-	-	-	2	-	3	-	2	2
Louisiana-----	8	2	-	-	-	1	-	5	1	-	1	11
Oklahoma-----	1	1	1	-	-	-	1	-	3	-	1	-
Texas-----	2	2	1	-	-	-	2	7	6	-	7	35
MOUNTAIN-----	1	3	2	-	-	-	2	-	4	-	1	1
Montana-----	-	-	1	-	-	-	-	-	1	-	-	-
Idaho-----	-	1	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	1	-	-	-	-	-	1	-	-	-
New Mexico-----	-	1	-	-	-	-	2	-	2	-	-	-
Arizona-----	-	1	-	-	-	-	-	-	-	-	1	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	1	4	1	1	1	-	2	4	-	3	1
Washington-----	1	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	2	-	4	-	1	-	-	-	-	-	-	-
California-----	2	1	-	1	-	1	-	2	4	-	3	1
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	-	1	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	2	7	-	-	1

Symbol.—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, 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	4th week ended Jan. 25, 1958	3d week ended Jan. 18, 1958	Adjusted average, 4th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 4 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	12,753	13,008	11,614	+9.8	51,472	46,838	+9.9
New England----- (14 cities)	799	802	763	+4.7	3,133	3,160	-0.9
Middle Atlantic----- (20 cities)	3,743	3,708	3,404	+10.0	15,008	13,528	+10.9
East North Central----- (19 cities)	2,889	2,772	2,488	+16.1	11,065	10,017	+10.5
West North Central----- (9 cities)	855	882	809	+5.7	3,518	3,174	+10.8
South Atlantic----- (11 cities)	1,050	1,122	976	+7.6	4,418	4,053	+9.0
East South Central----- (8 cities)	606	666	534	+13.5	2,449	2,122	+15.4
West South Central----- (13 cities)	985	1,246	918	+7.3	4,497	3,868	+16.3
Mountain----- (8 cities)	331	329	278	+19.1	1,368	1,138	+20.2
Pacific----- (12 cities)	1,495	1,481	1,420	+5.3	6,016	5,778	+4.1

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

AREA	4th week ended	3d week ended	CUMULATIVE NUMBER FIRST 4 WEEKS		AREA	4th week ended	3d week ended	CUMULATIVE NUMBER FIRST 4 WEEKS	
	Jan. 25, 1958	Jan. 18, 1958	1958	1957		Jan. 25, 1958	Jan. 18, 1958	1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	263	278	1,075	1,055	St. Louis, Mo.-----	284	297	1,181	961
Bridgeport, Conn.-----	47	49	171	173	St. Paul, Minn.-----	75	91	352	275
Cambridge, Mass.-----	32	30	122	140	Wichita, Kans.-----	48	64	194	174
Fall River, Mass.-----	34	24	122	99	SOUTH ATLANTIC:				
Hartford, Conn.-----	58	69	221	213	Atlanta, Ga.-----	122	131	500	508
Lowell, Mass.-----	29	30	123	115	Baltimore, Md.-----	245	298	1,188	1,034
Lynn, Mass.-----	25	32	94	107	Charlotte, N. C.-----	35	25	143	148
New Bedford, Mass.-----	37	36	131	131	Jacksonville, Fla.-----	61	84	313	237
New Haven, Conn.-----	44	47	193	217	Miami, Fla.-----	68	67	291	220
Providence, R. I.-----	78	75	305	275	Norfolk, Va.-----	39	38	169	170
Somerville, Mass.-----	17	13	60	61	Richmond, Va.-----	70	74	321	332
Springfield, Mass.-----	46	45	189	190	Savannah, Ga.-----	62	36	169	146
Waterbury, Conn.-----	28	30	121	119	St. Petersburg, Fla.-----	(76)	(98)	(305)	---
Worcester, Mass.-----	61	44	206	265	Tampa, Fla.-----	86	110	318	287
MIDDLE ATLANTIC:					Washington, D. C.-----	231	218	858	816
Albany, N. Y.-----	44	62	212	207	Wilmington, Del.-----	31	41	148	155
Allentown, Pa.-----	39	49	165	166	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	170	186	723	630	Birmingham, Ala.-----	102	102	383	330
Camden, N. J.-----	48	52	202	182	Chattanooga, Tenn.-----	63	58	234	221
Elizabeth, N. J.-----	37	36	148	104	Knoxville, Tenn.-----	24	37	146	137
Erie, Pa.-----	36	32	168	155	Louisville, Ky.-----	144	135	537	463
Jersey City, N. J.-----	104	97	367	316	Memphis, Tenn.-----	120	147	525	444
Newark, N. J.-----	139	122	496	475	Mobile, Ala.-----	47	62	197	145
New York City, N. Y.-----	1,952	1,921	7,639	6,966	Montgomery, Ala.-----	38	48	166	110
Paterson, N. J.-----	60	62	206	165	Nashville, Tenn.-----	68	77	261	272
Philadelphia, Pa.-----	496	543	2,288	1,814	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	226	183	889	815	Austin, Tex.-----	32	39	126	147
Reading, Pa.-----	17	20	81	108	Baton Rouge, La.-----	33	42	158	110
Rochester, N. Y.-----	101	101	424	455	Corpus Christi, Tex.-----	25	23	96	73
Schenectady, N. Y.-----	31	26	115	110	Dallas, Tex.-----	108	114	467	454
Scranton, Pa.-----	40	34	138	169	El Paso, Tex.-----	40	46	172	124
Syracuse, N. Y.-----	71	64	270	250	Fort Worth, Tex.-----	66	68	261	246
Trenton, N. J.-----	63	51	224	190	Houston, Tex.-----	176	197	764	624
Utica, N. Y.-----	35	27	113	128	Little Rock, Ark.-----	46	66	243	207
Yonkers, N. Y.-----	34	40	140	123	New Orleans, La.-----	217	235	914	775
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	79	99	347	270
Akron, Ohio-----	70	57	268	216	San Antonio, Tex.-----	87	152	510	414
Canton, Ohio-----	33	27	126	145	Shreveport, La.-----	46	79	215	208
Chicago, Ill.-----	1,046	938	3,732	3,249	Tulsa, Okla.-----	30	86	224	216
Cincinnati, Ohio-----	170	179	721	665	MOUNTAIN:				
Cleveland, Ohio-----	254	231	903	890	Albuquerque, N. Mex.-----	20	20	100	115
Columbus, Ohio-----	133	140	506	462	Colorado Springs, Colo.-----	12	16	56	53
Dayton, Ohio-----	75	85	337	332	Denver, Colo.-----	136	144	546	504
Detroit, Mich.-----	359	344	1,431	1,364	Ogden, Utah-----	15	12	68	52
Evansville, Ind.-----	37	31	181	117	Phoenix, Ariz.-----	56	52	227	129
Flint, Mich.-----	53	40	169	163	Pueblo, Colo.-----	12	11	54	56
Fort Wayne, Ind.-----	41	52	163	157	Salt Lake City, Utah-----	56	52	210	171
Gary, Ind.-----	41	47	151	129	Tucson, Ariz.-----	24	22	107	58
Grand Rapids, Mich.-----	51	38	203	157	PACIFIC:				
Indianapolis, Ind.-----	125	130	524	526	Berkeley, Calif.-----	24	15	81	84
Madison, Wis.-----	---	(27)	---	(126)	Fresno, Calif.-----	---	(37)	---	---
Milwaukee, Wis.-----	147	164	637	532	Glendale, Calif.-----	(30)	(49)	(146)	---
Peoria, Ill.-----	30	26	131	122	Long Beach, Calif.-----	67	56	264	233
Rockford, Ill.-----	(31)	(36)	(128)	(92)	Los Angeles, Calif.-----	532	530	2,137	2,132
South Bend, Ind.-----	32	23	112	102	Oakland, Calif.-----	108	95	424	427
Toledo, Ohio-----	138	153	526	442	Pasadena, Calif.-----	38	40	158	173
Youngstown, Ohio-----	54	67	244	247	Portland, Oreg.-----	137	112	486	393
WEST NORTH CENTRAL:					Sacramento, Calif.-----	49	50	228	223
Des Moines, Iowa-----	52	68	262	217	San Diego, Calif.-----	103	95	373	339
Duluth, Minn.-----	30	27	106	118	San Francisco, Calif.-----	228	258	911	865
Kansas City, Kans.-----	37	25	123	129	San Jose, Calif.-----	(17)	(24)	(95)	---
Kansas City, Mo.-----	125	124	493	466	Seattle, Wash.-----	124	139	569	556
Lincoln, Nebr.-----	(25)	(30)	(118)	---	Spokane, Wash.-----	54	52	218	191
Minneapolis, Minn.-----	135	119	523	524	Tacoma, Wash.-----	31	39	167	162
Omaha, Nebr.-----	71	67	284	310	Honolulu, Hawaii-----	(40)	(39)	(158)	(167)

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

Morbidity and Mortality Weekly Report

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.

GPO 934440

If you do not desire to continue receiving this publication, please check here and return.

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

Public Health Service
Washington 25, D. C.

Official Business

LIBRARY
COMMUNICABLE DISEASE CENTER
50 SEVENTH ST
ATLANTA GA
571 5-57

FIRST CLASS MAIL

POSTAGE AND FEES PAID
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE