

Morbidity and Mortality

Weekly Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 23, 1957

According to reported cases as shown in the table below, substantial reductions have occurred in the incidence of several diseases during the first 8 weeks of the year compared with the same period of 1956. These diseases are diphtheria, infectious hepatitis, malaria, meningococcal infections, and poliomyelitis. To a lesser extent decreases occurred in the incidence of typhoid fever and rabies in animals. This is the low season for 2 of the diseases (poliomyelitis and typhoid fever) and no conclusions should be drawn from the data. Increases occurred in endemic typhus fever and meningitis, other forms. For the latter the increase probably reflects more complete reporting since the disease was first made reportable beginning January 1, 1956. The incidence of measles has increased but the magnitude is relatively small, being only 13 percent. For the individual States there is considerable fluctuation in the number of reported cases this year as compared with the same period of 1956. This is because the cyclic pattern of the disease differs from State to State. The reporting probably is better when the disease becomes epidemic in a community. In Alabama, Delaware, New Mexico, Oregon, and Utah, where

the incidence was low for the last 2 years, the number of cases reported is much higher. Conversely, in Colorado, Kansas, Maryland, Oklahoma, and Virginia, where the incidence was high last year, a relatively small number is being reported.

EPIDEMIOLOGICAL REPORTS

Influenza

The following information has been received by the Influenza Information Center.

Dr. K. Hummeler, Children's Hospital, Philadelphia, Pennsylvania, has reported that preliminary results of serologic tests indicate the occurrence of influenza A in a boys' school located in New Jersey. The outbreak began about February 12, since which time 200 cases have been observed in a population of about 1,100. Serologic tests have been negative for influenza B and adenovirus. Throat washings are being obtained for virus isolation.

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	8th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 23, 1957	Ended Feb. 25, 1956	Median 1952-56	First 8 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	1 ²	1	1	4	7	4	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	-	-	-	4	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)----044	13	19	20	110	128	196	(²)	(²)	(²)	(²)
Diphtheria-----055	15	42	42	171	336	337	926	1,666	1,666	July 1
Encephalitis, infectious-----082	13	18	20	140	156	156	1,704	1,078	1,078	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	353	504	635	3,125	4,049	5,087	8,324	11,552	---	Sept. 1
Malaria-----110-117	4	3	3	13	25	55	(²)	(²)	(²)	(²)
Measles-----085	14,919	15,242	17,164	91,462	80,968	81,396	128,666	110,066	112,737	Sept. 1
Meningococcal infections-----057	53	65	112	442	599	872	1,173	1,522	2,079	Sept. 1
Meningitis, other-----340	38	37	---	244	235	---	---	---	---	---
Poliomyelitis-----080	34	53	87	360	702	955	14,693	28,909	35,475	Apr. 1
Paralytic-----080.0,080.1	18	29	---	201	392	---	6,326	10,569	---	Apr. 1
Nonparalytic-----080.2	13	12	---	98	182	---	5,691	10,990	---	Apr. 1
Unspecified-----080.3	3	12	---	61	128	---	2,676	7,350	---	Apr. 1
Psittacosis-----096.2	5	5	5	38	45	45	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	-	3	1	(²)	(²)	(²)	(²)
Typhoid fever-----040	10	20	28	163	198	205	1,610	1,617	2,082	Apr. 1
Typhus fever, endemic-----101	-	1	-	20	8	17	(²)	(²)	(²)	(²)
Rabies in animals-----	115	138	188	803	891	1,284	1,767	1,918	2,799	Oct. 1

¹Reported in New Hampshire.

²Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS—Continued

Dr. W. R. Giedt, Washington State Department of Health, has reported the occurrence of respiratory disease outbreaks in several counties. Attempts to isolate influenza virus from cases reported 2 weeks ago have not been successful. However, serologic tests have not been completed.

Pasteurella multocida infection

Dr. Stanley H. Osborn, Connecticut State Department of Health, has reported a case of Pasteurella multocida infection in a 53-year-old woman. She was bitten on her ankle by a cat on January 1, 1957. The lesion did not heal and an abscess developed. She was hospitalized on January 27 for incision and drainage of the abscess. A tentative diagnosis of cat scratch disease was made because a skin test was positive for the disease. The following day the incision was made, and the diagnosis revised when Past. multocida was cultured from the material drained.

In the State, this is the second known human case of abscess formation due to Past. multocida following a cat bite.

Botulism

Mrs. Sarah V. Dugan, Kentucky State Department of Health, has reported a case of botulism. An investigation revealed that a man and his wife, with the assistance of their foster daughter, canned about 50 jars of green beans by the water-bath method. Later the foster daughter took several jars of the beans to her home in Ohio. Three members of the family in Kentucky frequently ate of the remaining beans and no one has become ill. However, a report from Ohio states that the foster daughter developed respiratory paralysis and has been kept in an iron lung. She now seems to be on the way to recovery. A hospital laboratory in Ohio claimed to have killed a mouse with juice from the beans. The bacteriologic examination of the sample submitted by the hospital was unsatisfactory, as the sample was old and contaminated. Another jar of the beans having a foul odor was examined and the laboratory reports "A gram-positive anaerobic spore forming organism of the genus Clostridium but did not demonstrate toxin." A sample of the home-canned beans collected in Kentucky failed to show the presence of Clostridium botulinum or any other food poisoning organisms.

Typhoid fever

Dr. D. S. Fleming, Minnesota State Department of Health, has reported a case of typhoid fever in a 41-year-old woman. She had been feeling tired since returning from Mexico about the middle of January. Eleven days after her return, she developed malaise, generalized aches, followed by chills and a fever. The patient was admitted to a hospital where Salmonella typhosa was isolated from a blood culture. A Widal test showed a positive reaction in a dilution of 1:1280. The patient was 1 of a party of 4 who visited in various parts of Mexico and took meals at several places. None of the other 3 were ill. Only 2 men of the party had been vaccinated, and these had received inoculations while in military service in World War II.

Stanley H. Osborn, Commissioner, Connecticut State Department of Health, has reported a case of typhoid fever in a 10-year-old boy. The child left Italy and became ill 6 days after arrival in the United States. The United States Quarantine

Station on Staten Island found a carrier among the crewmen of the ship when it docked in New York at a later date. No information is available as to whether the carrier was on board the vessel when it crossed with the patient.

Salmonellosis

The Los Angeles County Health Department has reported 2 outbreaks of salmonellosis in a club. The first episode occurred about 2 weeks before the second, but was reported too late for a regular investigation. About 8 persons of 500 who attended a meal at the club became ill. In the second episode, only 3 became ill about 12 hours after eating a buffet-type supper consisting of cold roast turkey and baked ham, potato salad, cold slaw, cold meats, and cheeses. The food had been prepared throughout the day it was served, and was reported to have been refrigerated. Stool specimens from 4 persons ill in the first outbreak and 2 in the second revealed the presence of S. typhimurium. No food specimens were available for either outbreak, and stool specimens from food handlers were negative.

Suspect smallpox

Dr. E. A. Rogers, Nebraska State Department of Health, has reported 2 cases of suspect smallpox in children, ages 6 and 7 years. They live in Richardson County and are reported to have had no out-of-State contacts. There is a considerable amount of chickenpox in the community. However, both children are reported to have had that disease several years ago. According to the attending physicians both had mild clinical symptoms, but with lesions resembling smallpox rather than chickenpox. One child was vaccinated against smallpox 5½ years ago but the other has never been vaccinated. Laboratory investigations are underway.

Gastro-enteritis

Dr. W. R. Giedt, Washington State Department of Health, has reported an outbreak of gastro-enteritis among persons who attended an auction sale. Two persons were hospitalized for food poisoning and 10 more were found during an investigation. Since many of the persons who attended the auction left early in the afternoon, it is possible there were other cases. The investigation revealed 10 chickens had been cooked and prepared for sandwiches, part of which were used the next day. The remainder, after standing at room temperature for 8 hours, was placed in a freezer. Three weeks later, it was taken from the freezer, thawed, and permitted to stand at room temperature over night. Forty chicken sandwiches, beef sandwiches, and fruit pies were sold at the auction. Coagulase-positive Staphylococcus aureus and a paracolon organism were isolated from chicken sandwiches.

Dr. C. M. Steward, District Health Officer, New York State Department of Health, has reported an outbreak of gastro-enteritis among college students. Approximately 90 persons became ill from 8 to 12 hours after eating veal which had stood at room temperature for 36 hours. No laboratory work was done because the outbreak was reported late.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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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 25, 1956 AND FEBRUARY 23, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	1957	1956	8th week		Cumulative first 8 weeks		1957	1956	8th week		Cumulative first 8 weeks	
			1957	1956	1957	1956			1957	1956	1957	1956
CONT. UNITED STATES-----	13	19	15	42	171	336	13	18	353	504	3,125	4,049
NEW ENGLAND-----	-	3	-	-	3	-	1	-	13	33	191	275
Maine-----	-	-	-	-	1	-	-	-	6	7	53	72
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	3	3
Vermont-----	-	1	-	-	-	-	-	-	3	9	40	44
Massachusetts-----	-	-	-	-	2	-	1	-	1	4	57	56
Rhode Island-----	-	2	-	-	-	-	-	-	2	5	18	34
Connecticut-----	-	-	-	-	-	-	-	-	1	7	20	66
MIDDLE ATLANTIC-----	-	-	1	-	7	7	-	4	35	100	393	800
New York-----	-	-	1	-	3	4	-	1	19	56	198	451
New Jersey-----	-	-	-	-	2	-	-	3	4	8	67	69
Pennsylvania-----	-	-	-	-	2	3	-	-	12	36	128	280
EAST NORTH CENTRAL-----	1	8	-	19	12	63	3	5	71	83	606	587
Ohio-----	1	-	-	-	3	7	1	2	19	19	163	148
Indiana-----	-	-	-	18	-	21	2	1	2	28	52	94
Illinois-----	-	7	-	-	-	-	-	-	26	13	138	146
Michigan-----	-	1	-	1	9	35	-	2	20	19	188	135
Wisconsin-----	-	-	-	-	-	-	-	-	4	4	65	64
WEST NORTH CENTRAL-----	7	4	2	3	21	35	-	1	17	48	226	389
Minnesota-----	1	-	2	-	14	10	-	-	3	7	77	107
Iowa-----	1	4	-	-	1	11	-	-	4	4	49	95
Missouri-----	-	-	-	-	-	-	-	-	3	-	42	16
North Dakota-----	-	-	-	-	-	-	-	-	3	11	45	43
South Dakota-----	1	-	-	-	4	-	-	-	1	10	5	73
Nebraska-----	1	-	-	3	1	14	-	-	1	6	4	25
Kansas-----	3	-	-	-	1	-	-	1	2	10	4	30
SOUTH ATLANTIC-----	2	-	7	9	46	75	2	1	27	30	211	242
Delaware-----	-	-	-	-	-	-	-	-	-	-	1	2
Maryland-----	-	-	-	-	1	-	-	-	3	4	20	23
District of Columbia-----	-	-	-	-	-	1	1	-	-	2	7	6
Virginia-----	1	-	-	1	-	10	1	-	9	9	82	113
West Virginia-----	-	-	-	1	1	3	-	-	5	2	18	9
North Carolina-----	-	-	1	2	8	15	-	1	2	1	19	27
South Carolina-----	-	-	2	10	7	-	-	-	1	1	5	8
Georgia-----	1	-	1	10	15	-	-	-	1	5	29	26
Florida-----	-	-	5	3	16	24	-	-	6	6	30	28
EAST SOUTH CENTRAL-----	1	3	-	7	29	54	1	-	74	78	500	348
Kentucky-----	-	1	-	-	8	4	1	-	34	20	202	95
Tennessee-----	-	-	-	1	2	10	-	-	22	41	213	181
Alabama-----	-	-	6	8	33	-	-	-	14	8	46	35
Mississippi-----	1	2	-	11	7	-	-	-	4	9	39	37
WEST SOUTH CENTRAL-----	-	-	4	3	41	75	1	2	28	31	176	244
Arkansas-----	-	-	1	-	4	6	-	-	2	-	22	20
Louisiana-----	-	-	-	-	2	8	-	-	1	1	12	11
Oklahoma-----	-	-	2	2	8	21	-	-	3	3	21	18
Texas-----	-	-	1	1	27	40	1	2	22	27	121	195
MOUNTAIN-----	1	-	1	-	7	7	-	-	30	47	263	474
Montana-----	-	-	-	-	2	-	-	-	3	12	25	117
Idaho-----	-	-	1	-	1	-	-	-	2	4	17	59
Wyoming-----	-	-	-	-	1	-	-	-	-	1	6	26
Colorado-----	-	-	-	-	-	-	-	-	7	14	48	101
New Mexico-----	-	-	-	-	3	1	-	-	14	2	75	30
Arizona-----	1	-	-	-	-	5	-	-	1	9	58	121
Utah-----	-	-	-	-	-	1	-	-	3	4	15	19
Nevada-----	-	-	-	-	-	-	-	-	-	1	19	1
PACIFIC-----	1	1	-	1	5	20	5	5	58	54	559	690
Washington-----	-	1	-	-	-	1	-	-	12	15	93	159
Oregon-----	-	-	-	1	1	6	-	-	8	5	126	137
California-----	1	-	-	-	4	13	5	5	38	34	340	394
Alaska-----	-	-	-	-	-	-	-	-	7	-	13	9
Hawaii-----	-	-	-	-	-	-	-	-	-	-	3	10
Puerto Rico-----	-	-	2	-	4	7	-	-	4	9	18	46

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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 25, 1956 AND FEBRUARY 23, 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 ¹				Paralytic		Nonparalytic		110-117		085	
	8th week		Cumulative first 8 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	34	53	360	702	18	29	13	12	4	3	14,919	15,242
NEW ENGLAND-----	-	1	3	30	-	1	-	-	-	1	544	172
Maine-----	-	1	1	6	-	1	-	-	-	-	126	9
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	4	-
Vermont-----	-	-	-	4	-	-	-	-	-	-	63	22
Massachusetts-----	-	-	-	16	-	-	-	-	-	-	128	127
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	6	-
Connecticut-----	-	-	2	-	-	-	-	-	-	1	217	14
MIDDLE ATLANTIC-----	1	4	11	54	1	3	-	1	-	-	1,908	1,831
New York-----	-	2	9	39	-	1	-	1	-	-	1,071	656
New Jersey-----	1	2	2	4	1	2	-	-	-	-	524	332
Pennsylvania-----	-	-	-	11	-	-	-	-	-	-	313	843
EAST NORTH CENTRAL-----	5	1	41	47	3	-	1	-	-	-	2,096	4,087
Ohio-----	-	-	9	9	-	-	-	-	-	-	260	866
Indiana-----	2	1	7	4	2	-	-	-	-	-	260	330
Illinois-----	2	-	7	4	1	-	-	-	-	-	216	1,447
Michigan-----	1	-	14	19	-	-	1	-	-	-	612	736
Wisconsin-----	-	-	4	11	-	-	-	-	-	-	748	708
WEST NORTH CENTRAL-----	1	4	32	34	-	3	1	-	-	-	954	687
Minnesota-----	-	1	1	3	-	1	-	-	-	-	263	11
Iowa-----	-	-	3	10	-	-	-	-	-	-	367	198
Missouri-----	-	2	11	10	-	1	-	-	-	-	109	115
North Dakota-----	-	-	-	1	-	-	-	-	-	-	198	43
South Dakota-----	-	-	-	7	-	-	-	-	-	-	12	-
Nebraska-----	1	-	11	-	-	-	1	-	-	-	3	180
Kansas-----	-	1	6	3	-	1	-	-	-	-	2	140
SOUTH ATLANTIC-----	4	7	67	54	1	5	3	1	2	-	1,279	2,029
Delaware-----	-	-	-	1	-	-	-	-	-	-	6	11
Maryland-----	-	-	-	4	-	-	-	-	-	-	17	439
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	14	88
Virginia-----	-	-	4	2	-	-	-	-	1	-	173	513
West Virginia-----	-	1	3	2	-	1	-	-	-	-	104	335
North Carolina-----	-	1	9	21	-	1	-	-	-	-	48	275
South Carolina-----	-	1	19	5	-	1	-	-	-	-	181	189
Georgia-----	1	-	9	5	1	-	-	-	-	-	134	110
Florida-----	3	4	23	14	-	2	3	1	1	-	602	69
EAST SOUTH CENTRAL-----	1	4	23	28	1	1	-	1	-	-	1,747	778
Kentucky-----	-	1	2	10	-	-	-	-	-	-	735	355
Tennessee-----	-	1	6	2	-	-	-	-	-	-	499	336
Alabama-----	-	-	5	1	-	-	-	-	-	-	408	74
Mississippi-----	1	2	10	15	1	1	-	1	-	-	105	13
WEST SOUTH CENTRAL-----	8	14	73	126	4	6	3	3	-	1	1,961	3,135
Arkansas-----	-	1	2	8	-	-	-	1	-	-	18	425
Louisiana-----	-	3	10	19	-	2	-	1	-	-	20	24
Oklahoma-----	1	-	4	6	-	-	-	-	-	-	45	520
Texas-----	7	10	57	93	4	4	3	1	-	1	1,878	2,166
MOUNTAIN-----	5	5	29	46	3	3	1	1	1	-	1,506	1,704
Montana-----	-	-	2	4	-	-	-	-	-	-	82	253
Idaho-----	1	1	1	5	1	-	-	-	-	-	13	26
Wyoming-----	-	-	-	2	-	-	-	-	-	-	2	94
Colorado-----	-	1	5	4	-	1	-	-	-	-	81	902
New Mexico-----	-	1	3	1	-	1	-	-	-	-	290	37
Arizona-----	3	2	6	21	2	1	1	1	-	-	312	354
Utah-----	1	-	10	3	-	-	-	-	1	-	717	30
Nevada-----	-	-	2	6	-	-	-	-	-	-	9	8
PACIFIC-----	9	13	81	283	5	7	4	5	1	1	2,924	819
Washington-----	-	1	2	15	-	-	-	-	-	-	576	307
Oregon-----	-	1	7	22	-	1	-	-	-	-	276	41
California-----	9	11	72	246	5	6	4	5	1	1	2,072	471
Alaska-----	-	-	1	1	-	-	-	-	-	-	3	15
Hawaii-----	-	1	2	34	-	1	-	-	-	-	267	4
Puerto Rico-----	-	-	4	4	-	-	-	-	-	-	92	16

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

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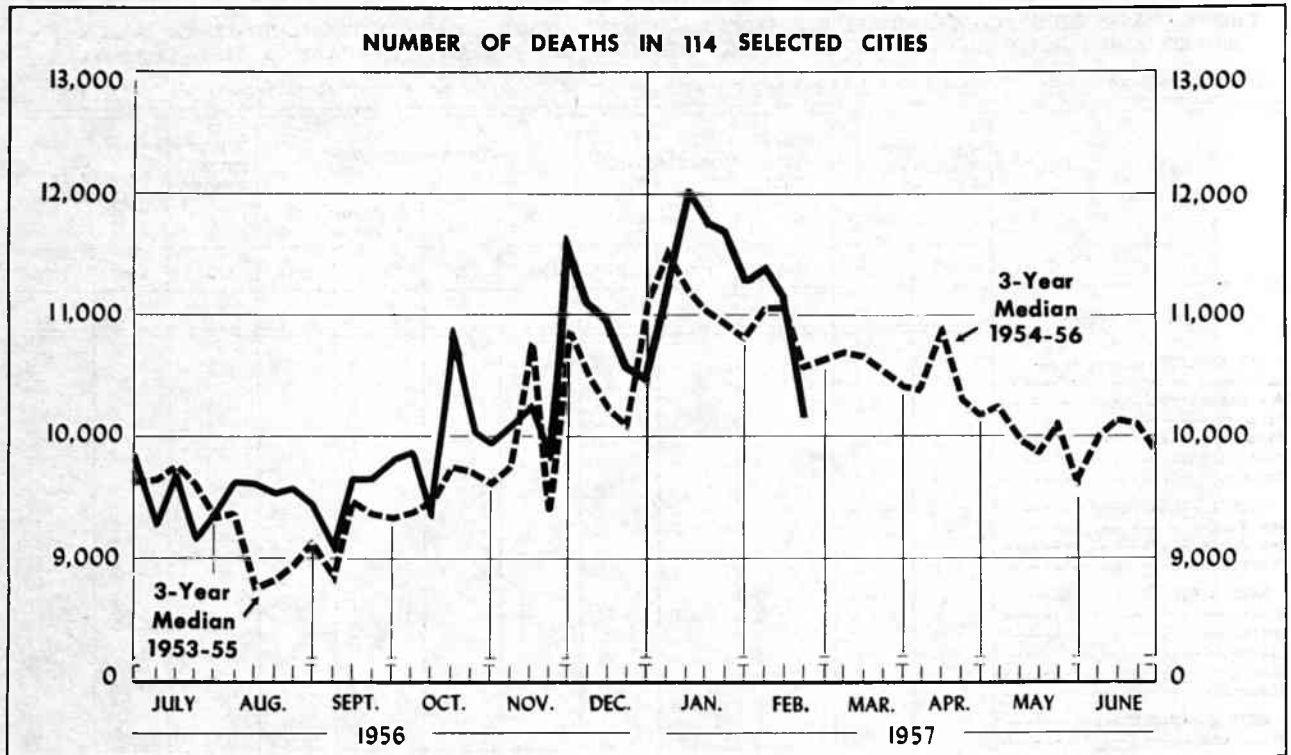
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 25, 1956 AND FEBRUARY 23, 1957—Continued

(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		8th week		Cumulative first 8 weeks		101	1957	1956
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES-----	53	65	38	5	5	10	20	163	198	-	115	138
NEW ENGLAND-----	3	1	5	-	-	1	-	7	2	-	-	-
Maine-----	1	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	-	1	-	-	1	-	2	1	-	-	-
Rhode Island-----	-	-	4	-	-	-	-	2	1	-	-	-
Connecticut-----	1	1	-	-	-	-	-	2	-	-	-	-
MIDDLE ATLANTIC-----	3	4	-	-	2	2	5	21	27	-	1	12
New York-----	1	2	-	-	-	2	1	8	7	-	1	6
New Jersey-----	-	1	-	-	-	-	-	6	2	-	-	-
Pennsylvania-----	2	1	-	-	2	-	4	7	18	-	-	6
EAST NORTH CENTRAL-----	11	18	4	-	1	3	2	21	24	-	6	18
Ohio-----	5	4	-	-	-	1	-	12	5	-	5	5
Indiana-----	2	2	2	-	-	1	-	3	4	-	-	3
Illinois-----	-	2	2	-	1	-	2	1	4	-	1	10
Michigan-----	3	6	-	-	-	1	-	4	5	-	-	-
Wisconsin-----	1	4	-	-	-	-	-	1	6	-	-	-
WEST NORTH CENTRAL-----	4	5	2	1	2	-	6	15	39	-	15	21
Minnesota-----	1	1	-	1	2	-	4	2	20	-	2	4
Iowa-----	1	1	1	-	-	-	-	4	5	-	3	4
Missouri-----	1	-	1	-	-	-	1	7	5	-	8	13
North Dakota-----	-	-	-	-	-	-	-	-	4	-	-	-
South Dakota-----	1	-	-	-	-	-	-	1	2	-	2	-
Nebraska-----	-	2	-	-	-	-	-	-	3	-	-	-
Kansas-----	-	1	-	-	-	-	-	1	-	-	-	-
SOUTH ATLANTIC-----	10	8	8	-	-	1	4	33	31	-	39	30
Delaware-----	-	-	-	-	-	-	-	-	1	-	-	-
Maryland-----	1	3	-	-	-	-	-	-	1	-	-	-
District of Columbia-----	2	-	2	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	-	-	1	-	8	1	-	8	12
West Virginia-----	1	-	-	-	-	-	-	6	5	-	5	1
North Carolina-----	1	2	-	-	-	-	-	6	6	-	1	2
South Carolina-----	2	1	2	-	-	1	2	2	6	-	10	8
Georgia-----	-	2	2	-	-	-	4	4	4	-	8	4
Florida-----	3	-	-	-	-	2	-	7	7	-	7	3
EAST SOUTH CENTRAL-----	12	12	10	-	-	-	2	23	25	-	23	28
Kentucky-----	4	2	2	-	-	-	-	5	5	-	6	10
Tennessee-----	5	4	5	-	-	-	2	10	12	-	3	3
Alabama-----	2	3	-	-	-	-	-	1	1	-	14	15
Mississippi-----	1	3	3	-	-	-	-	7	7	-	-	-
WEST SOUTH CENTRAL-----	1	11	5	1	-	2	1	26	31	-	29	22
Arkansas-----	-	-	1	-	-	-	-	5	6	-	3	2
Louisiana-----	-	4	-	-	-	-	-	7	5	-	11	2
Oklahoma-----	-	1	-	-	-	1	-	4	6	-	-	-
Texas-----	1	6	4	1	-	1	1	10	14	-	15	18
MOUNTAIN-----	3	1	3	2	-	-	-	9	5	-	1	1
Montana-----	-	1	-	2	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	-	-	-	-
Wyoming-----	2	-	-	-	-	-	-	2	1	-	-	-
Colorado-----	-	-	1	-	-	-	-	4	4	-	-	-
New Mexico-----	1	-	-	-	-	-	-	1	-	-	-	1
Arizona-----	-	-	2	-	-	-	-	-	-	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	5	1	1	-	1	-	8	14	-	1	6
Washington-----	1	-	1	-	-	-	-	-	3	-	-	-
Oregon-----	-	1	-	-	-	-	-	-	-	-	-	-
California-----	5	4	-	1	-	1	-	8	11	-	1	6
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	1	-	1	3	-	1	1
Puerto Rico-----	-	-	1	-	-	-	-	-	-	-	-	-

²Includes delayed reports.

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, 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	8th week ended Feb. 23, 1957	7th week ended Feb. 16, 1957	8th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 8 WEEKS		
					1957	1956	Percent change
TOTAL: 111 REPORTING CITIES-----	9,842	10,802	10,242	-3.9	88,259	86,289	+2.3
New England----- (13 cities)	412	490	450	-8.4	3,971	3,808	+4.3
Middle Atlantic----- (20 cities)	2,914	3,225	3,108	-6.2	26,287	25,803	+1.9
East North Central----- (18 cities)	2,176	2,355	2,287	-4.9	19,192	19,055	+0.7
West North Central----- (8 cities)	633	744	730	-13.3	6,002	6,027	-0.4
South Atlantic----- (11 cities)	843	965	881	-4.3	7,784	7,653	+1.7
East South Central----- (8 cities)	499	481	495	+0.8	4,068	4,144	-1.8
West South Central----- (13 cities)	950	886	826	+15.0	7,571	7,021	+7.8
Mountain----- (8 cities)	254	262	255	-0.4	2,220	2,032	+9.3
Pacific----- (12 cities)	1,161	1,394	1,340	-13.4	11,164	10,746	+3.9

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	8th week ended Feb. 23, 1957	7th week ended Feb. 16, 1957	CUMULATIVE NUMBER FIRST 8 WEEKS		AREA	8th week ended Feb. 23, 1957	7th week ended Feb. 16, 1957	CUMULATIVE NUMBER FIRST 8 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(272)	---	(2,033)	St. Louis, Mo.-----	217	273	1,946	2,119
Bridgeport, Conn.-----	38	41	323	279	St. Paul, Minn.-----	59	57	536	541
Cambridge, Mass.-----	32	32	265	260	Wichita, Kans.-----	43	32	364	337
Fall River, Mass.-----	27	25	207	238	SOUTH ATLANTIC				
Hartford, Conn.-----	39	43	430	417	Atlanta, Ga.-----	99	111	958	942
Lowell, Mass.-----	20	26	217	187	Baltimore, Md.-----	235	247	2,036	2,010
Lynn, Mass.-----	16	32	195	173	Charlotte, N. C.-----	25	40	286	290
New Bedford, Mass.-----	16	23	228	197	Jacksonville, Fla.-----	52	52	444	463
New Haven, Conn.-----	43	46	391	421	Miami, Fla.-----	45	55	419	478
Providence, R. I.-----	61	63	533	517	Norfolk, Va.-----	24	27	305	278
Somerville, Mass.-----	14	17	115	134	Richmond, Va.-----	63	61	628	605
Springfield, Mass.-----	43	51	361	353	Savannah, Ga.-----	29	31	263	236
Waterbury, Conn.-----	18	24	208	206	Tampa, Fla.-----	42	76	534	527
Worcester, Mass.-----	45	67	498	426	Washington, D. C.-----	194	214	1,586	1,556
MIDDLE ATLANTIC					Wilmington, Del.-----	35	51	325	268
Albany, N. Y.-----	43	49	401	413	EAST SOUTH CENTRAL				
Allentown, Pa.-----	43	34	317	307	Birmingham, Ala.-----	79	92	653	666
Buffalo, N. Y.-----	106	192	1,234	1,171	Chattanooga, Tenn.-----	39	47	409	359
Camden, N. J.-----	32	34	324	310	Knoxville, Tenn.-----	28	29	255	334
Elizabeth, N. J.-----	28	21	212	220	Louisville, Ky.-----	118	121	915	947
Erie, Pa.-----	30	38	294	264	Memphis, Tenn.-----	124	73	847	858
Jersey City, N. J.-----	56	64	574	594	Mobile, Ala.-----	28	42	278	290
Newark, N. J.-----	111	80	877	809	Montgomery, Ala.-----	22	20	201	243
New York City, N. Y.-----	1,506	1,652	13,563	13,128	Nashville, Tenn.-----	61	57	510	447
Paterson, N. J.-----	23	47	310	297	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	499	498	3,775	3,912	Austin, Tex.-----	15	36	261	255
Pittsburgh, Pa.-----	139	167	1,497	1,575	Baton Rouge, La.-----	27	35	230	173
Reading, Pa.-----	24	22	201	168	Corpus Christi, Tex.-----	24	9	149	150
Rochester, N. Y.-----	67	81	797	794	Dallas, Tex.-----	132	110	928	824
Schenectady, N. Y.-----	17	22	183	181	El Paso, Tex.-----	30	25	241	241
Scranton, Pa.-----	32	35	325	271	Fort Worth, Tex.-----	52	54	492	494
Syracuse, N. Y.-----	41	53	474	504	Houston, Tex.-----	185	122	1,226	1,084
Trenton, N. J.-----	45	57	386	365	Little Rock, Ark.-----	75	60	470	414
Utica, N. Y.-----	27	38	258	253	New Orleans, La.-----	144	164	1,414	1,407
Yonkers, N. Y.-----	45	41	285	267	Oklahoma City, Okla.-----	47	54	503	510
EAST NORTH CENTRAL					San Antonio, Tex.-----	103	111	824	698
Akron, Ohio-----	59	68	445	426	Shreveport, La.-----	64	54	425	389
Canton, Ohio-----	31	37	269	216	Tulsa, Okla.-----	52	52	408	382
Chicago, Ill.-----	720	754	6,301	6,410	MOUNTAIN				
Cincinnati, Ohio-----	127	171	1,292	1,315	Albuquerque, N. Mex.-----	28	27	212	182
Cleveland, Ohio-----	213	205	1,773	1,655	Colorado Springs, Colo.-----	8	8	101	123
Columbus, Ohio-----	99	121	886	899	Denver, Colo.-----	102	105	953	895
Dayton, Ohio-----	59	79	608	577	Ogden, Utah-----	13	10	103	101
Detroit, Mich.-----	348	328	2,720	2,650	Phoenix, Ariz.-----	34	33	258	221
Evansville, Ind.-----	---	(31)	---	(310)	Pueblo, Colo.-----	8	11	101	108
Flint, Mich.-----	41	35	310	321	Salt Lake City, Utah-----	38	45	336	362
Fort Wayne, Ind.-----	24	30	287	318	Tucson, Ariz.-----	23	23	156	40
Gary, Ind.-----	22	28	239	245	PACIFIC				
Grand Rapids, Mich.-----	36	47	321	330	Berkeley, Calif.-----	18	21	171	157
Indianapolis, Ind.-----	105	123	990	957	Long Beach, Calif.-----	53	56	466	455
Milwaukee, Wis.-----	118	133	1,042	1,056	Los Angeles, Calif.-----	395	500	4,036	3,972
Peoria, Ill.-----	22	27	238	232	Oakland, Calif.-----	90	129	851	772
South Bend, Ind.-----	17	25	200	196	Pasadena, Calif.-----	28	38	324	323
Toledo, Ohio-----	77	82	784	803	Portland, Oreg.-----	87	107	802	834
Youngstown, Ohio-----	58	62	487	449	Sacramento, Calif.-----	46	59	437	391
WEST NORTH CENTRAL					San Diego, Calif.-----	93	90	703	583
Des Moines, Iowa-----	48	50	441	428	San Francisco, Calif.-----	193	188	1,624	1,599
Duluth, Minn.-----	25	25	229	190	Seattle, Wash.-----	100	115	1,049	1,012
Kansas City, Kans.-----	---	(33)	---	(255)	Spokane, Wash.-----	29	45	374	351
Kansas City, Mo.-----	96	115	914	879	Tacoma, Wash.-----	29	46	327	297
Minneapolis, Minn.-----	92	132	1,001	981	Honolulu, Hawaii-----	(32)	(39)	(326)	(289)
Omaha, Nebr.-----	53	62	571	552					

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

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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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