

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

January 18, 1957

Washington 25, D. C.

Vol. 6, No. 2

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 12, 1957

During the past 4 weeks, 102 cases of diphtheria have been reported. This is about 25 cases for each week compared with approximately 60 during November and the first 2 weeks of December 1956 when an outbreak was occurring in Detroit. Of the 25 cases reported this week, 18 were in States of the East and West South Central Divisions. Single cases were reported in 7 other States, one of which was Wyoming where the disease is seldom reported. Only 7 cases were reported in that State for the entire year of 1956.

EPIDEMIOLOGICAL REPORTS

Influenza

Additional information on the epidemic of influenza in Japan has been received. An epidemic of respiratory disease was noted first in Tokushima Prefecture, Shikoku Island and in Yokohama in October, and other parts of the country in November and December. The disease was mild and occurred principally in school children from kindergarten to high school ages. The number of schools that closed because of absenteeism from illness totaled 198. No fatalities were reported. Influenza A and B viruses were isolated in Tokyo, A virus in Kagawa and Osaka, and B virus in Kyoto, Kobe, and Tokushima. From 26 throat washings tested type A virus was identified in 2 and type B virus in 1, and in 9 the type is undetermined. The source of these specimens was not stated. Information has been received by the Division of Preventive Medicine, Office of the Surgeon General, U. S. Army, that there was no increase in respiratory disease among military personnel stationed in Japan when the epidemic was at its height among native civilians. However, it is now reported that many cases of upper respiratory infection are now occurring in Americans and Japanese, but the illness does not clinically resemble influenza. The report states that a fourfold rise in antibody to A-prime virus has been found in the sera of 6 individuals, 4 of whom were military personnel and 2 were citizens. All military personnel have been vaccinated, and vaccination is offered to dependents on a voluntary basis.

Malaria

The California State Department of Public Health has reported 2 laboratory confirmed cases of vivax malaria, probably indigenous. The patients were of Mexican descent but had never been in Mexico. They lived near a labor camp of migrant farm workers. While this camp is suspected of being an original source of malaria, there were no other cases reported in the area during the summer of 1956. Two suspect cases were reported among the Mexican nationals but they have not yet been laboratory confirmed. The Mosquito Abatement District, notified of the 2 cases, conducted intensive control measures in the area. They presumably had exterminated any infective anopheles mosquitoes on the premises of the patients as well as in the village before the State Department of Health was notified. Several anophelines were collected by the Department of Public Health but laboratory reports were negative for malaria.

Psittacosis

The Washington State Department of Health has reported a case of psittacosis in a housewife. This person had purchased a parakeet in 1955. The bird was not in contact with any other birds but became ill late in 1956 and died about the time of onset of symptoms in the patient. No laboratory tests were made on the bird, but blood specimens from the patient were positive for the disease.

Contagious ecthyma

Dr. G. D. Wallace, Public Health Veterinarian, Alabama State Department of Public Health, has reported a case of human, contagious ecthyma in a 35-year-old farmer. This man had been treating a flock of 6- to 8-week-old lambs for "sore mouth." The disease among the lambs had been diagnosed by a veterinarian. In approximately 14 days the patient developed multiple vesicles on both hands. In 4 to 5 days, red streaks and swelling developed on the left hand and arm, accompanied by a slight rise in temperature. The patient was admitted to a hospital where streptococci, probably Lansfield, type C, were isolated from several of the lesions. The patient responded to antibiotic therapy and was discharged after 4 days of hospitalization.

Gastro-enteritis

The Los Angeles County (California) Health Department has reported an outbreak of gastro-enteritis following a church luncheon which included turkey. Of 281 persons eating the meal, 166 became ill with nausea, vomiting, and diarrhea from 1 to 11 hours later. An investigation revealed that 7 turkeys were roasted in the morning of the previous day. Five of these, after cooling for 2½ hours at room temperature, were sliced. The other two were refrigerated. The meat, while still quite warm, was placed in large pans (6 inches deep) and refrigerated. It is possible that the meat remained at incubating temperature for many hours after being placed in a refrigerator. Bacteriologic examination of a sample of meat revealed beta hemolytic, coagulase-positive staphylococci. Laboratory examination of specimens from 5 food handlers, including one with an injured finger, revealed nonhemolytic, coagulase-negative cocci in 4 and nonhemolytic, coagulase-positive cocci in 1.

The California State Department of Public Health has reported an outbreak of gastro-enteritis in a private home. Of 17 persons eating a dinner, 6 became ill with nausea, vomiting, cramps, and diarrhea from 1½ to 6 hours later. Many of the food items were prepared the day before, left overnight at room temperature; and the hot foods were reheated just prior to being served. Laboratory examination of foods revealed coagulase-positive *Staphylococcus aureus* in both the potato salad and the banana cream pie.

The California State Department of Public Health has also given information on an outbreak of gastro-enteritis following a fraternity conference. The incidence was not reported for 3 weeks, and no food was available for bacteriologic examination. Laboratory examination of specimens from 4 cooks were negative for pathogenic organisms. Turkey salad and chopped ham

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were possible vehicles of infection. Of approximately 90 persons eating these items, about 35 became ill from 30 to 36 hours later. An inspection of the kitchen revealed it was heavily infested with cockroaches and that the facilities lacked a high sanitary standard.

Another report from the California State Department of Public Health was of an outbreak of gastro-enteritis among 5 persons who ate venison at a family picnic. All of the party became ill with vomiting and diarrhea 4 hours later. The carcass was from frozen stock. It probably had been frozen and thawed several times without the party knowing it. The meat was prepared for the meal several days prior to the picnic. Before and after the grinding, it was left unrefrigerated for several hours. Laboratory examinations of the meat and of grape juice served at the picnic were negative for pathogenic organisms.

Dr. D. J. Hurley, Nevada State Department of Health, has reported an outbreak of gastro-enteritis following a banquet in a hotel. Of 150 persons attending, approximately 25 became ill with stomach upset, vomiting, and diarrhea from 12 to 14 hours later. The outbreak was not reported for 3 days, and the source of infection was not found.

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported an outbreak of gastro-enteritis in an elementary school. About 22 pupils became ill from 3 to 4 hours after eating lunch at the school. Cabbage and egg salads were served but only those who had eaten the egg salad became ill. Neither of the salads was available for laboratory examination, but both were reproduced as nearly as possible like the originals, and samples of both yielded *Streptococcus viridans* and coliform bacilli.

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	2d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 12, 1957	Ended Jan. 14, 1956	Median 1952-56	First 2 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	1	1	1	3	1	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	11	16	16	28	31	31	(1)	(1)	(1)	(1)
Diphtheria-----055	25	57	57	45	98	105	800	1,428	1,428	July 1
Encephalitis, infectious-----082	19	17	17	38	37	41	1,602	959	959	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	401	472	570	717	856	994	5,916	8,359	---	Sept. 1
Malaria-----110-117	2	5	5	3	10	10	(1)	(1)	(1)	(1)
Measles-----085	10,475	7,247	7,247	17,125	11,711	11,995	54,329	40,809	43,336	Sept. 1
Meningococcal infections-----057	53	87	117	94	146	205	825	1,069	1,360	Sept. 1
Meningitis, other-----340	23	22	---	55	44	---	---	---	---	---
Poliomyelitis-----080	47	114	159	76	234	284	14,409	28,441	34,644	Apr. 1
Paralytic-----080.0, 080.1	26	67	---	43	133	---	6,168	10,310	---	Apr. 1
Nonparalytic-----080.2	13	24	---	20	59	---	5,628	10,867	---	Apr. 1
Unspecified-----080.3	8	23	---	13	42	---	2,613	7,264	---	Apr. 1
Psittacosis-----096.2	3	2	2	5	4	2	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Typhoid fever-----040	20	23	24	39	43	47	1,486	1,462	1,917	Apr. 1
Typhus fever, endemic-----101	6	-	2	7	-	5	(1)	(1)	(1)	(1)
Rabies in animals-----	81	102	123	167	197	247	1,131	1,224	1,783	Oct. 1

¹Data show no pronounced seasonal change in incidence.

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.

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

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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 JANUARY 14, 1956 AND JANUARY 12, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIONOUS		HEPATITIS, INFECTIONOUS, AND SERUM 092, N998.5 pt.			
	044		2d week		Cumulative first 2 weeks		082		2d week		Cumulative first 2 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	11	16	25	57	45	98	19	17	401	472	717	856
NEW ENGLAND-----	-	-	-	-	1	-	1	1	26	21	49	80
Maine-----	-	-	-	-	1	-	-	-	5	3	11	37
New Hampshire-----	-	-	-	-	-	-	-	-	2	-	3	-
Vermont-----	-	-	-	-	-	-	-	-	9	4	14	10
Massachusetts-----	-	-	-	-	-	-	1	-	10	6	15	9
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	3	10
Connecticut-----	-	-	-	-	-	-	-	1	-	7	3	14
MIDDLE ATLANTIC-----	-	-	-	1	-	1	1	4	48	96	91	160
New York-----	-	-	-	1	-	1	1	4	22	59	52	77
New Jersey-----	-	-	-	-	-	-	-	-	12	7	18	8
Pennsylvania-----	-	-	-	-	-	-	-	-	14	30	21	75
EAST NORTH CENTRAL-----	2	2	2	14	3	18	3	3	66	56	133	92
Ohio-----	2	-	1	-	1	3	-	1	19	13	46	26
Indiana-----	-	-	-	2	-	2	-	1	-	11	6	20
Illinois-----	-	1	-	-	-	-	-	-	20	16	25	22
Michigan-----	-	1	1	12	2	13	3	1	22	9	50	15
Wisconsin-----	-	-	-	-	-	-	-	-	5	7	6	9
WEST NORTH CENTRAL-----	7	8	1	5	1	9	3	-	27	46	50	76
Minnesota-----	-	1	1	2	1	3	-	-	10	17	18	26
Iowa-----	-	4	-	1	-	2	-	-	8	21	12	33
Missouri-----	-	-	-	-	-	-	1	-	1	1	3	1
North Dakota-----	-	-	-	-	-	-	-	-	6	1	15	3
South Dakota-----	1	2	-	-	-	-	-	-	2	4	2	7
Nebraska-----	-	-	2	-	-	4	-	-	-	1	-	5
Kansas-----	6	1	-	-	-	-	2	-	-	1	-	1
SOUTH ATLANTIC-----	1	1	2	13	10	19	4	1	33	35	58	59
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	1	2	1	3
District of Columbia-----	-	-	-	-	-	-	-	-	1	2	2	2
Virginia-----	1	-	-	-	-	-	-	-	11	19	19	31
West Virginia-----	-	-	1	-	-	1	1	-	3	-	6	2
North Carolina-----	-	-	-	3	1	4	3	-	5	3	9	3
South Carolina-----	-	1	-	-	-	-	-	1	1	2	2	7
Georgia-----	-	-	1	4	4	5	-	-	7	6	13	9
Florida-----	-	-	1	5	5	9	-	-	4	1	6	2
EAST SOUTH CENTRAL-----	-	1	11	5	12	14	-	1	78	28	114	54
Kentucky-----	-	-	3	-	3	1	-	-	16	4	18	10
Tennessee-----	-	1	1	2	1	2	-	1	51	20	77	33
Alabama-----	-	-	3	3	4	11	-	-	7	-	10	1
Mississippi-----	-	-	4	-	4	-	-	-	4	4	9	10
WEST SOUTH CENTRAL-----	-	2	7	11	13	28	1	3	16	19	44	45
Arkansas-----	-	-	-	-	-	3	-	-	4	-	10	1
Louisiana-----	-	1	-	4	2	6	-	-	2	-	5	2
Oklahoma-----	-	-	-	1	-	3	-	1	2	2	5	4
Texas-----	-	1	7	6	11	16	1	2	8	17	24	38
MOUNTAIN-----	1	2	1	-	4	-	-	-	26	71	45	116
Montana-----	-	-	-	-	2	-	-	-	1	10	1	23
Idaho-----	-	-	-	-	-	-	-	-	1	5	2	11
Wyoming-----	1	1	1	-	1	-	-	-	3	6	3	12
Colorado-----	-	-	-	-	-	-	-	-	7	11	15	18
New Mexico-----	-	-	-	-	1	-	-	-	9	2	9	2
Arizona-----	-	1	-	-	-	-	-	-	4	36	7	49
Utah-----	-	-	-	-	-	-	-	-	1	1	2	1
Nevada-----	-	-	-	-	-	-	-	-	-	-	6	-
PACIFIC-----	-	-	1	8	1	9	6	4	81	100	133	174
Washington-----	-	-	-	-	-	-	-	-	12	20	18	40
Oregon-----	-	-	-	-	-	-	-	-	18	34	33	51
California-----	-	-	1	8	1	9	6	4	51	46	82	83
Alaska-----	-	-	-	-	-	-	-	-	1	1	-	2
Hawaii-----	-	-	-	-	-	-	-	-	-	-	1	2
Puerto Rico-----	-	-	-	2	-	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 JANUARY 14, 1956 AND JANUARY 12, 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	
	2d week		Cumulative first 2 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	47	114	76	234	26	67	13	24	2	5	10,475	7,247
NEW ENGLAND-----	1	4	1	10	-	2	1	-	-	-	579	186
Maine-----	-	-	-	1	-	-	-	-	-	-	33	91
New Hampshire-----	-	-	-	1	-	-	-	-	-	-	3	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	155	5
Massachusetts-----	-	3	-	6	-	-	-	-	-	-	176	83
Rhode Island-----	-	1	-	2	-	1	-	-	-	-	-	2
Connecticut-----	1	-	1	-	-	-	1	-	-	-	212	5
MIDDLE ATLANTIC-----	3	10	3	19	1	4	-	2	-	-	2,035	878
New York-----	3	7	3	13	1	4	-	2	-	-	930	344
New Jersey-----	-	-	-	1	-	-	-	-	-	-	689	154
Pennsylvania-----	-	3	-	5	-	-	-	-	-	-	416	380
EAST NORTH CENTRAL-----	2	10	5	21	1	3	-	1	-	-	1,471	1,765
Ohio-----	-	4	2	6	-	1	-	-	-	-	175	275
Indiana-----	1	-	1	1	-	-	-	-	-	-	329	53
Illinois-----	-	-	-	-	-	-	-	-	-	-	225	819
Michigan-----	-	3	-	6	-	2	-	1	-	-	431	450
Wisconsin-----	1	3	2	8	1	-	-	-	-	-	311	168
WEST NORTH CENTRAL-----	3	5	5	11	3	3	-	-	-	-	716	864
Minnesota-----	-	-	-	1	-	-	-	-	-	-	98	2
Iowa-----	-	3	1	6	-	2	-	-	-	-	406	343
Missouri-----	1	1	1	1	1	1	-	-	-	-	60	57
North Dakota-----	-	-	-	-	-	-	-	-	-	-	130	52
South Dakota-----	-	1	-	2	-	-	-	-	-	-	15	2
Nebraska-----	2	-	2	-	2	-	-	-	-	-	7	8
Kansas-----	-	-	1	1	-	-	-	-	-	-	-	400
SOUTH ATLANTIC-----	3	9	4	18	3	9	-	-	1	-	550	943
Delaware-----	-	-	-	-	-	-	-	-	-	-	15	-
Maryland-----	-	1	-	2	-	1	-	-	-	-	10	360
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	3	21
Virginia-----	-	-	-	-	-	-	-	-	-	-	41	239
West Virginia-----	-	-	-	-	-	-	-	-	-	-	159	93
North Carolina-----	-	2	-	5	-	2	-	-	-	-	44	85
South Carolina-----	2	-	3	1	2	-	-	-	-	-	139	61
Georgia-----	-	5	-	5	-	5	-	-	-	-	114	77
Florida-----	1	1	1	5	1	1	-	-	1	-	25	7
EAST SOUTH CENTRAL-----	7	3	8	7	1	3	3	-	-	-	1,703	276
Kentucky-----	1	1	1	3	-	1	1	-	-	-	823	161
Tennessee-----	1	-	1	-	1	-	-	-	-	-	775	79
Alabama-----	3	-	3	-	-	-	-	-	-	-	93	18
Mississippi-----	2	2	3	4	-	2	2	-	-	-	12	18
WEST SOUTH CENTRAL-----	14	26	20	47	9	14	5	8	-	2	956	791
Arkansas-----	-	-	-	2	-	-	-	-	-	-	10	154
Louisiana-----	4	3	5	6	2	3	2	-	-	-	6	2
Oklahoma-----	1	2	1	3	1	1	-	-	-	-	24	144
Texas-----	9	21	14	36	6	10	3	8	-	2	916	491
MOUNTAIN-----	2	4	7	12	-	1	-	-	-	-	1,048	994
Montana-----	-	1	-	2	-	1	-	-	-	-	79	140
Idaho-----	-	-	-	-	-	-	-	-	-	-	46	11
Wyoming-----	-	-	-	-	-	-	-	-	-	-	9	101
Colorado-----	-	-	1	2	-	-	-	-	-	-	44	447
New Mexico-----	1	-	1	-	-	-	-	-	-	-	157	29
Arizona-----	-	-	-	4	-	-	-	-	-	-	102	248
Utah-----	1	1	4	1	-	-	-	-	-	-	570	17
Nevada-----	-	2	1	3	-	-	-	-	-	-	41	1
PACIFIC-----	12	43	23	89	8	28	4	13	1	3	1,417	550
Washington-----	-	6	1	6	-	5	-	-	-	-	413	119
Oregon-----	-	1	2	6	-	-	-	-	-	1	161	15
California-----	12	36	20	77	8	23	4	13	1	2	843	416
Alaska-----	-	-	-	-	-	-	-	-	-	-	13	15
Hawaii-----	-	5	-	9	-	5	-	-	-	-	430	6
Puerto Rico-----	-	-	-	-	-	-	-	-	-	-	54	29

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

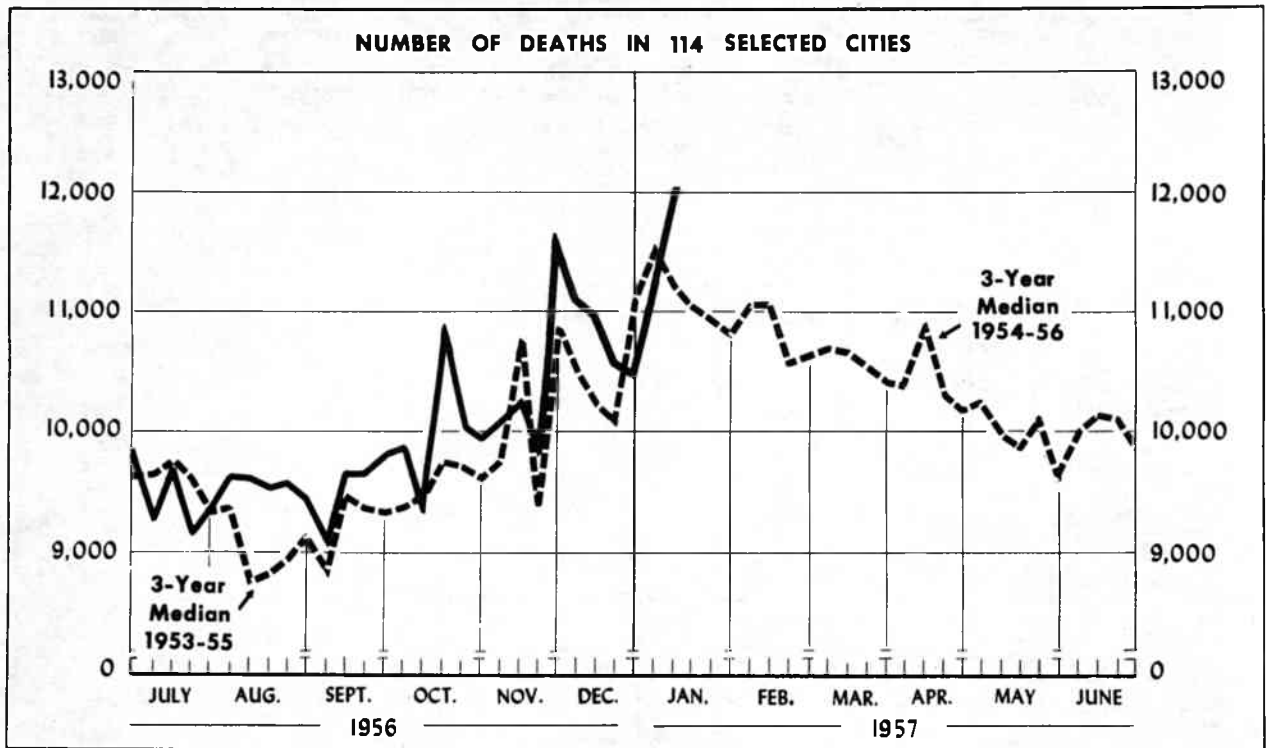
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 14, 1956 AND JANUARY 12, 1957—Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER 340	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
	057			096.2		2d week		Cumulative first 2 weeks			1957	1957
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1957		
CONT. UNITED STATES-----	53	87	23	3	2	20	23	39	43	6	81	102
NEW ENGLAND-----	4	9	3	1	-	1	-	1	-	-	-	-
Maine-----	1	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	3	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	2	3	-	-	1	-	1	-	-	-	-
Rhode Island-----	-	1	-	-	-	-	-	-	-	-	-	-
Connecticut-----	1	2	-	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	8	8	-	-	-	2	4	6	9	-	1	16
New York-----	4	2	-	-	-	-	1	1	3	-	1	10
New Jersey-----	1	3	-	-	-	-	-	1	-	-	-	-
Pennsylvania-----	3	3	-	-	-	2	3	4	6	-	-	6
EAST NORTH CENTRAL-----	7	22	4	1	1	2	2	7	2	-	7	10
Ohio-----	3	6	-	-	-	2	1	7	1	-	-	-
Indiana-----	-	1	-	-	-	-	-	-	-	-	5	5
Illinois-----	1	11	4	-	1	-	-	-	-	-	1	-
Michigan-----	3	4	-	-	-	-	1	-	1	-	-	-
Wisconsin-----	-	-	-	1	-	-	-	-	-	-	1	5
WEST NORTH CENTRAL-----	5	4	1	1	-	2	2	2	3	-	11	6
Minnesota-----	-	-	-	-	-	-	-	-	-	-	1	-
Iowa-----	1	1	1	-	-	1	1	1	1	-	3	-
Missouri-----	-	-	-	-	-	1	1	1	2	-	7	4
North Dakota-----	1	1	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	-	-	-	-	-	-	-	-	-	-	2
Kansas-----	2	2	-	1	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	8	11	5	-	-	5	3	6	8	-	22	25
Delaware-----	-	-	1	-	-	-	-	-	1	-	-	1
Maryland-----	1	-	-	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	5	2	2	-	-	2	-	2	-	-	8	10
West Virginia-----	-	1	1	-	-	2	-	3	-	-	1	3
North Carolina-----	-	4	-	-	-	-	2	-	3	-	-	1
South Carolina-----	-	-	1	-	-	-	-	-	-	-	4	9
Georgia-----	1	2	-	-	-	1	1	1	1	-	7	1
Florida-----	1	2	-	-	-	-	-	-	3	-	2	-
EAST SOUTH CENTRAL-----	7	7	1	-	-	4	7	4	9	-	23	19
Kentucky-----	-	1	-	-	-	2	1	2	2	-	9	9
Tennessee-----	-	4	-	-	-	2	5	2	5	-	4	2
Alabama-----	5	2	-	-	-	-	-	-	-	-	9	7
Mississippi-----	2	-	1	-	-	1	-	-	2	-	1	1
WEST SOUTH CENTRAL-----	2	14	7	-	-	1	4	9	5	5	15	20
Arkansas-----	2	1	-	-	-	-	2	-	2	-	1	3
Louisiana-----	-	4	-	-	-	-	-	6	-	-	12	-
Oklahoma-----	-	-	1	-	-	-	1	1	1	-	2	-
Texas-----	-	9	6	-	-	1	1	2	2	5	-	17
MOUNTAIN-----	1	4	1	-	-	1	-	1	1	-	1	-
Montana-----	-	2	-	-	-	1	-	1	-	-	-	-
Idaho-----	-	2	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	-	-	-	-	-	-	-	-
New Mexico-----	1	-	-	-	-	-	-	-	1	-	-	-
Arizona-----	-	-	-	-	-	-	-	-	-	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	11	8	1	-	1	2	1	3	6	1	1	6
Washington-----	2	2	1	-	-	-	-	-	-	-	-	-
Oregon-----	-	-	-	-	1	-	-	-	1	-	1	-
California-----	9	6	-	-	-	2	1	3	5	1	-	6
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	4	-	5	-	-	-	-

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	2d week ended Jan. 12, 1957	1st week ended Jan. 5, 1957	2d week median to 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 2 WEEKS		
					1957	1956	Percent change
TOTAL: 108 REPORTING CITIES -----	11,725	11,026	10,916	+7.4	22,751	22,612	+0.6
New England----- (13 cities)	753	747	756	-0.4	1,500	1,551	-3.3
Middle Atlantic----- (18 cities)	3,302	3,214	3,248	+1.7	6,516	6,566	-0.8
East North Central----- (18 cities)	2,429	2,287	2,458	-1.2	4,716	4,829	-2.4
West North Central----- (9 cities)	806	754	801	+0.6	1,560	1,661	-6.1
South Atlantic----- (11 cities)	1,085	975	1,031	+5.2	2,060	1,996	+3.2
East South Central----- (8 cities)	604	509	513	+17.7	1,113	1,012	+10.0
West South Central----- (12 cities)	949	912	824	+15.2	1,861	1,702	+9.3
Mountain----- (7 cities)	279	251	242	+15.3	530	485	+9.3
Pacific----- (12 cities)	1,518	1,377	1,422	+6.8	2,895	2,810	+3.0

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	2d week ended Jan. 12, 1957	1st week ended Jan. 5, 1957	CUMULATIVE NUMBER FIRST 2 WEEKS		AREA	2d week ended Jan. 12, 1957	1st week ended Jan. 5, 1957	CUMULATIVE NUMBER FIRST 2 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	268	260	528	580	St. Louis, Mo.-----	254	219	473	582
Bridgeport, Conn.-----	35	53	88	92	St. Paul, Minn.-----	75	65	140	123
Cambridge, Mass.-----	39	33	72	66	Wichita, Kans.-----	46	42	88	95
Fall River, Mass.-----	24	32	56	59	SOUTH ATLANTIC				
Hartford, Conn.-----	53	43	96	112	Atlanta, Ga.-----	119	132	251	238
Lowell, Mass.-----	33	19	52	53	Baltimore, Md.-----	299	250	549	510
Lynn, Mass.-----	24	24	48	33	Charlotte, N. C.-----	51	31	82	102
New Bedford, Mass.-----	---	(30)	---	(59)	Jacksonville, Fla.-----	70	50	120	115
New Haven, Conn.-----	49	51	100	122	Miami, Fla.-----	67	48	115	136
Providence, R. I.-----	52	83	135	117	Norfolk, Va.-----	37	55	92	94
Somerville, Mass.-----	20	13	33	47	Richmond, Va.-----	81	73	154	150
Springfield, Mass.-----	39	42	81	98	Savannah, Ga.-----	40	41	81	58
Waterbury, Conn.-----	35	25	60	61	Tampa, Fla.-----	74	70	144	129
Worcester, Mass.-----	82	69	151	111	Washington, D. C.-----	204	193	397	383
MIDDLE ATLANTIC					Wilmington, Del.-----	43	32	75	81
Albany, N. Y.-----	41	59	100	112	EAST SOUTH CENTRAL				
Allentown, Pa.-----	37	45	82	83	Birmingham, Ala.-----	104	96	200	143
Buffalo, N. Y.-----	235	136	371	296	Chattanooga, Tenn.-----	62	52	114	91
Camden, N. J.-----	42	41	83	74	Knoxville, Tenn.-----	22	36	58	94
Elizabeth, N. J.-----	21	18	39	46	Louisville, Ky.-----	143	93	236	210
Erie, Pa.-----	44	40	84	64	Memphis, Tenn.-----	135	92	227	220
Jersey City, N. J.-----	---	(76)	---	(177)	Mobile, Ala.-----	31	39	70	79
Newark, N. J.-----	108	142	250	194	Montgomery, Ala.-----	36	26	62	43
New York City, N. Y.-----	1,834	1,664	3,498	3,577	Nashville, Tenn.-----	71	75	146	132
Pateron, N. J.-----	31	47	78	81	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	372	470	842	985	Austin, Tex.-----	32	44	76	66
Pittsburgh, Pa.-----	193	203	396	403	Baton Rouge, La.-----	30	23	53	43
Reading, Pa.-----	23	34	57	37	Corpus Christi, Tex.-----	22	19	41	27
Rochester, N. Y.-----	113	117	230	203	Dallas, Tex.-----	106	127	233	227
Schenectady, N. Y.-----	30	25	55	48	El Paso, Tex.-----	30	26	56	57
Scranton, Pa.-----	34	31	65	72	Fort Worth, Tex.-----	62	72	134	106
Syracuse, N. Y.-----	64	68	132	138	Houston, Tex.-----	207	132	339	310
Trenton, N. J.-----	54	32	86	94	Little Rock, Ark.-----	61	43	104	105
Utica, N. Y.-----	---	(35)	---	(73)	New Orleans, La.-----	163	195	358	326
Yonkers, N. Y.-----	26	42	68	59	Oklahoma City, Okla.-----	78	60	138	135
EAST NORTH CENTRAL					San Antonio, Tex.-----	89	102	191	186
Akron, Ohio-----	59	53	112	113	Shreveport, La.-----	---	(25)	---	(127)
Canton, Ohio-----	30	39	69	49	Tulsa, Okla.-----	69	69	138	114
Chicago, Ill.-----	799	779	1,578	1,733	MOUNTAIN				
Cincinnati, Ohio-----	200	166	366	377	Albuquerque, N. Mex.-----	34	20	54	38
Cleveland, Ohio-----	219	217	436	445	Colorado Springs, Colo.-----	12	18	30	30
Columbus, Ohio-----	---	(114)	---	(235)	Denver, Colo.-----	121	134	255	231
Dayton, Ohio-----	81	101	182	151	Ogden, Utah-----	16	9	25	32
Detroit, Mich.-----	343	294	637	651	Phoenix, Ariz.-----	36	29	65	53
Evansville, Ind.-----	38	17	55	71	Pueblo, Colo.-----	---	(11)	---	(29)
Flint, Mich.-----	40	46	86	83	Salt Lake City, Utah-----	46	29	75	89
Fort Wayne, Ind.-----	44	37	81	83	Tucson, Ariz.-----	14	12	26	12
Gary, Ind.-----	29	36	65	56	PACIFIC				
Grand Rapids, Mich.-----	45	31	76	76	Berkeley, Calif.-----	24	23	47	32
Indianapolis, Ind.-----	140	119	259	234	Long Beach, Calif.-----	51	60	111	118
Milwaukee, Wis.-----	123	135	258	276	Los Angeles, Calif.-----	536	508	1,044	1,054
Peoria, Ill.-----	28	23	51	58	Oakland, Calif.-----	125	116	241	208
South Bend, Ind.-----	25	24	49	53	Pasadena, Calif.-----	44	34	78	82
Toledo, Ohio-----	123	103	226	217	Portland, Oreg.-----	100	95	195	236
Youngstown, Ohio-----	63	67	130	103	Sacramento, Calif.-----	54	57	111	103
WEST NORTH CENTRAL					San Diego, Calif.-----	93	89	182	148
Des Moines, Iowa-----	49	53	102	104	San Francisco, Calif.-----	244	162	406	427
Duluth, Minn.-----	19	33	52	58	Seattle, Wash.-----	160	139	299	267
Kansas City, Kans.-----	33	30	63	59	Spokane, Wash.-----	44	52	96	76
Kansas City, Mo.-----	117	113	230	216	Tacoma, Wash.-----	43	42	85	59
Minneapolis, Minn.-----	142	125	267	270	Honolulu, Hawaii-----	(43)	(36)	(79)	(89)
Omaha, Nebr.-----	71	74	145	154					

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

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