

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 November 5, 1955

Of the 77 cases of diphtheria reported for the current week, 14 were in Georgia, 11 in South Carolina, 10 each in Texas and Nebraska, and 9 in Alabama.

The incidence of poliomyelitis decreased about 15 percent when compared with the previous week. No report was received from Pennsylvania, where 14 cases were reported last week.

States reporting more than 20 cases (last week's figures in parentheses) are as follows: New York, 98 (94); Massachusetts, 67 (90); California, 48 (60); Wisconsin, 45 (67); Ohio, 33 (44); Illinois, 33 (32); Texas, 33 (51); Washington, 26 (26); and Oregon, 22 (22).

EPIDEMIOLOGICAL REPORTS

Rabies in bats

Dr. E. S. Tierkel, Communicable Disease Center, PHS, Atlanta, has supplied the following summary on bat rabies in the United States. During the period from June 1953 to date, a total of 93 bat rabies cases has been reported. These infected bats have been collected in California, Florida, Louisiana, Montana, New Mexico, Ohio, Pennsylvania, and Texas. Four species of free-living and 8 species of colonial or cave-dwelling bats have been implicated so far. The greatest number of rabies virus isolations has been made from Mexican freetail species which were collected in southwestern United States. Three of the 93 isolations have been associated with episodes involving the biting of human beings—1 in Florida (Florida yellow bat), 1 in Pennsylvania (hoary bat), and 1 in California (Mexican freetail bat). The largest numbers of examinations have been made in Florida (about 2,330 with 17 isolations of virus), Texas (about 2,500 with 52 isolations), and Oklahoma (659 with no isolations). The species of bats and the number of isolations from each are as follows: Big brown bat (*Eptesicus fuscus*), 2; cave myotis (*Myotis velifer*), 1; Mexican freetail (*Tadarida mexicana*), 63; red bat (*Lasiurus borealis*), 3; California myotis (*Myotis californicus*), 2; hoary bat (*Lasiurus cinereus*), 2; Mississippi myotis (*Myotis austroriparius*), 1; gray myotis (*Myotis grisescens*), 1; seminole bat (*Lasiurus seminolus*), 4; Florida yellow bat (*Dasypterus floridanus*), 7; Florida freetail (*Tadarida cynocephala*), 3; and pallid bat (*Antrozous pallidus*), 1.

Rabies in man

Dr. R. H. Hutcheson, Tennessee Department of Public Health, reports a case of human rabies in a 12-year-old boy who was bitten on the leg by a stray dog. No effort was made by the father to find the dog and no vaccine was given. Sixteen days after the episode, the boy noted some burning and tingling on the bottom of his feet. The next day he had itching of the legs. This increased as did the burning and the pains in his feet. He developed an inability to swallow and went into a sort of hysterical reaction when offered water. The patient became worse, being somewhat disoriented and rather violent at times. He later died, but no autopsy was performed.

Encephalitis, postvaccinal

Dr. A. M. Washburn, Arkansas State Board of Health, reports a case of encephalitis in a 33-year-old man following

treatment with antirabic vaccine. The patient was bitten by a cat which died 7 days later. Microscopic examination of the animal's brain did not reveal Negri bodies. However, the patient started treatment with antirabies vaccine which was continued for 7 days. The treatment consisted of 0.5 cc doses of the vaccine, which were administered by a private physician. The vaccine was supplied by the local health department. After receiving several doses, the patient developed a headache and was advised that he probably did not need the rabies vaccine, but he continued until the 7 doses were taken. At this time, he began having other symptoms referable to the central nervous system and he entered a hospital. He had generalized muscular soreness, fever, some nuchal rigidity and was irrational. Spinal puncture revealed 95 cells of which 95 percent were lymphocytes. The patient became comatose and was treated with hydrocortisone. His condition is now greatly improved, and he probably will make a complete recovery.

Encephalitis

Dr. D. J. Hurley, Acting State Health Officer of Nevada, has supplied information on a group of encephalitis cases in Clark County. Eleven cases occurred during the period from July 7 to September 14. Ages of the patients varied from 3 to 55 years. The predominant symptoms were high fever, severe headache, apathy, mental confusion, and other signs suggestive of central nervous system involvement. Examination of the spinal fluid showed a pleocytosis. Nine of the 11 cases were left with one or more residual changes such as spasticity, tremors, slurred speech, and personality changes. There were no fatalities.

Flash floods during June, July, and August, which resulted in numerous pools of stagnant water, occurred in the area where the patients resided. When these sites were investigated in the middle of September, larvae were collected and examined by the California Bureau of Vector Control. *Culex tarsalis* larvae were identified. Serum specimens from the persons affected were submitted to the Public Health Service Rocky Mountain Laboratory in Hamilton, Montana. Preliminary findings are reported to indicate that they were positive for St. Louis type of encephalitis. An additional case has been reported in a woman who left the area in September and became ill en route to Alabama. Serologic tests showed a slight rise in antibody titer to St. Louis encephalitis.

Anthrax

Dr. Mason Romaine, Virginia Department of Health, reports a case of anthrax in a person who worked in a jute mill, 2 or 3 thousand feet from the nearest source of raw wool. The diagnosis was confirmed by laboratory examination. Four cases in all have been reported in Virginia this year—1 last week and 2 in March, all from the same area.

Psittacosis

Dr. D. N. Wysham, Washington State Department of Health, reports a suspect human case of psittacosis. The patient became ill in Washington, but was hospitalized in Oregon. Her symptoms were fever, headache, hallucinations, severe coughing, and loss of weight. An X-ray showed pneumonitis in the base of the right lung. An acute serum specimen was not satisfactory for ex-

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amination, but the convalescent specimen was positive for psittacosis in a dilution of 1:128. An investigation revealed that the patient had purchased 4 parakeets recently, 3 of which died. Two of the birds came from aviaries in California and the origin of the other two could not be determined.

Histoplasmosis

Dr. J. R. Amos, Missouri Department of Public Health and Welfare, gives preliminary information on 6 serological positive cases of histoplasmosis. The cases occurred in one family who recently moved to a farm, previously unoccupied for 2 years. Skin testing of animals on the farm revealed dogs to be negative but a dog was found to be positive.

Gastro-enteritis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, reports an outbreak of gastro-enteritis among 180 persons in a college. Of these, approximately 150 became ill from

7 to 12 hours after eating an evening meal. The meal consisted of roast turkey, dressing, mashed potatoes, gravy, cranberry sauce, canned peas, and tapioca cream. An investigation revealed that the turkeys were killed 5 days earlier and had been refrigerated until they were roasted. After this the meat and dressing were left at room temperature overnight and the following day until served at the evening meal. It was stated that the chef who prepared the turkey had an "infection of the eyelid." Bacteriological examination of the turkey and dressing revealed *Staphylococcus aureus*. Other food items were negative for pathogenic organisms. Three stool specimens were also negative for pathogens.

The Idaho Department of Health reports an outbreaks of gastro-enteritis associated with food served in a restaurant. Five persons became ill with nausea, headache, diarrhea, and prostration from 4 to 10 hours after eating ham dinners. The ham was of the precooked, canned variety, and was kept refrigerated.

Continued on page 8

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	44th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 5, 1955	Ended Nov. 6, 1954	Median 1950-54	First 44 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	2	-	-	26	18	29	(2)	(2)	(2)	(2)
Botulism-----049.1	-	2	---	6	13	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	21	47	---	1,093	1,463	---	---	---	---	---
Diphtheria-----055	77	83	101	1,466	1,630	2,477	3757	758	1,031	July 1
Encephalitis, infectious-----082	21	35	25	1,344	1,709	992	813	1,153	587	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	454	705	---	27,923	44,009	---	---	---	---	---
Malaria-----110-117	6	12	---	422	642	---	(2)	(2)	(2)	(2)
Measles-----085	1,366	2,189	1,753	4526,508	641,985	480,331	48,109	12,876	9,483	Sept. 1
Meningococcal infections-----057	47	51	65	2,964	3,539	3,539	393	480	525	Sept. 1
Polio-myelitis-----080	619	955	955	527,082	35,357	32,922	526,019	33,804	31,341	Apr. 1
Psittacosis-----096.2	10	---	---	239	464	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	1	5	8	10	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	2	2	2	265	280	306	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	2,055	1,841	1,567	126,153	126,629	90,080	20,896	18,888	13,807	Aug. 1
Smallpox-----084	-	-	-	-	-	12	(2)	(2)	(2)	(2)
Trichiniasis-----128	3	3	---	238	216	---	(2)	(2)	(2)	(2)
Tularemia-----059	3	8	8	449	508	557	(2)	(2)	(2)	(2)
Typhoid fever-----040	31	65	53	71,508	2,040	2,040	71,201	1,634	1,735	Apr. 1
Typhus fever, endemic-----101	4	3	---	118	163	---	(2)	(2)	(2)	(2)
Whooping cough-----056	848	1,290	1,219	856,255	49,889	49,889	4,153	6,128	5,008	Oct. 1
Rabies in animals-----	85	102	107	4,432	5,910	6,078	394	514	---	Oct. 1

¹Louisiana and Virginia, 1 case each. ²Frequencies are too small.
³Addition: Nebraska, week ended October 29, 1 case. ⁴Addition: Vermont, week ended October 29, 13 cases.
⁵Deductions: Indiana, weeks ended July 30, August 13, and August 20, 1 case each; Missouri, week ended August 27, 1 case; Arkansas, week ended October 15, 1 case; Nebraska, week ended October 29, 2 cases.
⁶Idaho, Illinois, and Ohio, 1 case each; Oregon, 2 cases; New Jersey, 5 cases.
⁷Addition: South Carolina, week ended October 29, 1 case. ⁸Addition: Colorado, week ended October 22, 10 cases.

NOTE.—No report for the current week has been received from Pennsylvania.

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 Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they 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 NOVEMBER 6, 1954 AND NOVEMBER 5, 1955

(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.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	21	47	77	83	21	33	454	705	5	8	1	4
NEW ENGLAND-----	1	1	-	1	2	1	47	92	-	-	-	-
Maine-----	1	-	-	-	-	-	7	19	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	1	-	-	-	-
Vermont-----	-	1	-	1	-	-	9	6	-	-	-	-
Massachusetts-----	-	-	-	-	-	1	7	34	-	-	-	-
Rhode Island-----	-	-	-	-	2	-	7	14	-	-	-	-
Connecticut-----	-	-	-	-	-	-	16	18	-	-	-	-
MIDDLE ATLANTIC-----	-	3	4	1	1	4	91	200	-	1	-	1
New York-----	-	1	4	1	1	4	78	106	-	1	-	-
New Jersey-----	-	-	-	-	-	-	13	5	-	-	-	1
Pennsylvania-----	-	2	-	-	-	-	-	89	-	-	-	-
EAST NORTH CENTRAL-----	7	8	-	9	2	2	49	73	1	2	-	-
Ohio-----	-	-	-	-	-	-	14	9	1	2	-	-
Indiana-----	-	-	-	-	1	-	3	28	-	-	-	-
Illinois-----	4	3	-	1	1	1	4	18	-	-	-	-
Michigan-----	2	4	-	8	-	1	14	12	-	-	-	-
Wisconsin-----	1	1	-	-	-	-	14	6	-	-	-	-
WEST NORTH CENTRAL-----	4	25	14	8	-	9	41	75	-	-	-	-
Minnesota-----	1	15	4	1	-	1	10	35	-	-	-	-
Iowa-----	1	6	-	-	-	-	9	31	-	-	-	-
Missouri-----	-	3	-	1	-	-	2	3	-	-	-	-
North Dakota-----	1	-	-	-	-	1	16	2	-	-	-	-
South Dakota-----	1	-	-	-	-	-	2	-	-	-	-	-
Nebraska-----	-	-	10	6	-	-	2	2	-	-	-	-
Kansas-----	-	1	-	-	-	7	-	2	-	-	-	-
SOUTH ATLANTIC-----	2	2	32	29	2	2	31	75	-	-	1	2
Delaware-----	-	-	-	-	-	-	1	10	-	-	-	-
Maryland-----	-	-	-	-	-	-	2	7	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	-	-
Virginia-----	1	-	5	2	1	2	12	30	-	-	-	1
West Virginia-----	-	-	-	-	-	-	1	3	-	-	-	-
North Carolina-----	-	-	2	4	-	-	3	12	-	-	-	-
South Carolina-----	-	-	11	7	-	-	1	2	-	-	-	-
Georgia-----	1	1	14	12	1	-	3	4	-	-	1	1
Florida-----	-	1	-	4	-	-	8	6	-	-	-	-
EAST SOUTH CENTRAL-----	4	1	15	18	1	-	27	48	-	-	-	-
Kentucky-----	4	-	1	-	-	-	5	5	-	-	-	-
Tennessee-----	-	1	-	8	-	-	8	23	-	-	-	-
Alabama-----	-	-	9	9	1	-	9	8	-	-	-	-
Mississippi-----	-	-	5	1	-	-	5	12	-	-	-	-
WEST SOUTH CENTRAL-----	2	4	10	15	5	3	27	36	3	3	-	-
Arkansas-----	-	1	-	1	-	-	1	5	-	-	-	-
Louisiana-----	-	1	-	10	-	-	2	7	-	-	-	-
Oklahoma-----	-	1	-	2	-	1	2	1	-	-	-	-
Texas-----	2	1	10	2	5	2	22	23	3	3	-	-
MOUNTAIN-----	1	2	2	1	2	3	49	59	1	2	-	-
Montana-----	-	-	-	-	2	-	14	5	-	1	-	-
Idaho-----	1	1	-	-	-	-	2	21	-	-	-	-
Wyoming-----	-	-	-	-	-	-	4	1	-	-	-	-
Colorado-----	-	-	1	-	-	2	9	3	1	-	-	-
New Mexico-----	-	-	-	-	-	-	10	6	-	-	-	-
Arizona-----	-	1	1	1	-	-	8	19	-	-	-	-
Utah-----	-	-	-	-	-	1	2	4	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	1	-	1	6	9	92	47	-	-	-	1
Washington-----	-	-	-	-	-	-	17	6	-	-	-	-
Oregon-----	-	-	-	-	-	1	23	17	-	-	-	-
California-----	-	1	-	1	6	8	52	24	-	-	-	-
Alaska-----	-	-	-	-	-	-	3	15	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	4	5	-	-	1	3	-	-	-	-

¹Includes cases not specified as civilian or military.

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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 NOVEMBER 6, 1954 AND NOVEMBER 5, 1955—Continued

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

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1955	1954	1955	1954	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	1,366	2,189	47	51	619	955	282	370	174	218	2	2
NEW ENGLAND-----	12	603	5	4	106	76	41	17	27	26	-	-
Maine-----	5	100	1	1	7	1	5	1	2	-	-	-
New Hampshire-----	-	28	-	2	1	4	-	-	-	-	-	-
Vermont-----	4	109	-	-	-	1	-	-	-	1	-	-
Massachusetts-----	2	286	2	1	67	38	33	8	21	19	-	-
Rhode Island-----	1	15	-	-	17	4	1	-	-	-	-	-
Connecticut-----	-	65	2	-	14	28	2	8	4	6	-	-
MIDDLE ATLANTIC-----	164	451	2	10	108	201	50	71	35	24	-	1
New York-----	151	233	2	2	98	111	47	48	32	11	-	1
New Jersey-----	13	117	-	4	10	37	3	23	3	13	-	-
Pennsylvania-----	-	101	-	4	-	53	-	-	-	-	-	-
EAST NORTH CENTRAL-----	269	281	15	10	131	191	46	58	28	32	-	-
Ohio-----	20	20	4	3	33	53	6	8	4	8	-	-
Indiana-----	18	12	1	1	4	28	1	9	-	1	-	-
Illinois-----	142	42	3	3	33	34	17	11	10	4	-	-
Michigan-----	67	167	6	2	16	45	8	20	5	13	-	-
Wisconsin-----	22	40	1	1	45	31	14	10	9	6	-	-
WEST NORTH CENTRAL-----	79	164	3	3	33	84	17	25	14	19	-	-
Minnesota-----	7	64	2	-	9	9	4	2	5	5	-	-
Iowa-----	16	10	-	-	10	28	4	7	5	13	-	-
Missouri-----	3	4	-	1	6	17	2	8	4	1	-	-
North Dakota-----	18	76	-	-	1	3	1	-	-	-	-	-
South Dakota-----	12	1	-	1	-	6	-	-	-	-	-	-
Nebraska-----	6	1	-	-	6	9	5	2	-	-	-	-
Kansas-----	17	8	1	1	1	12	1	6	-	-	-	-
SOUTH ATLANTIC-----	130	148	8	6	54	111	28	57	14	27	2	-
Delaware-----	1	-	-	-	1	1	1	1	-	-	-	-
Maryland-----	12	5	-	1	11	6	8	2	3	4	-	-
District of Columbia-----	5	1	-	-	3	2	1	2	2	-	-	-
Virginia-----	12	13	2	-	3	16	2	14	1	2	-	-
West Virginia-----	71	112	1	1	1	5	-	3	1	1	-	-
North Carolina-----	14	2	1	1	12	10	5	6	5	1	1	-
South Carolina-----	2	1	-	-	9	2	1	1	-	1	-	-
Georgia-----	12	6	4	3	9	15	8	4	-	4	1	-
Florida-----	1	8	-	-	5	54	2	24	2	14	-	-
EAST SOUTH CENTRAL-----	26	36	4	10	17	49	9	19	6	12	-	1
Kentucky-----	7	4	-	2	7	20	4	10	3	8	-	-
Tennessee-----	13	21	-	5	6	16	2	8	3	3	-	-
Alabama-----	4	6	3	3	2	5	1	1	-	1	-	-
Mississippi-----	2	5	1	-	2	8	2	-	-	-	-	1
WEST SOUTH CENTRAL-----	114	149	4	6	47	69	18	31	14	23	-	-
Arkansas-----	6	21	1	2	3	9	1	8	1	1	-	-
Louisiana-----	-	7	-	1	3	3	3	2	-	1	-	-
Oklahoma-----	23	3	-	-	8	7	1	-	1	3	-	-
Texas-----	85	118	3	3	33	50	13	21	12	18	-	-
MOUNTAIN-----	283	79	4	-	27	43	16	13	4	8	-	-
Montana-----	127	4	-	-	8	5	7	2	1	2	-	-
Idaho-----	12	2	-	-	1	1	-	-	-	-	-	-
Wyoming-----	12	2	-	-	-	5	-	-	-	2	-	-
Colorado-----	59	4	3	-	6	6	5	3	1	2	-	-
New Mexico-----	12	14	-	-	3	5	3	4	-	-	-	-
Arizona-----	49	31	-	-	4	6	1	4	2	2	-	-
Utah-----	11	22	-	-	1	14	-	-	-	-	-	-
Nevada-----	1	-	1	-	4	1	-	-	-	-	-	-
PACIFIC-----	289	278	2	2	96	131	57	79	32	47	-	-
Washington-----	58	79	-	-	26	12	12	11	9	-	-	-
Oregon-----	11	67	-	-	22	25	18	12	2	9	-	-
California-----	220	132	2	2	48	94	27	56	21	38	-	-
Alaska-----	14	1	-	-	-	7	-	3	-	4	-	-
Hawaii-----	14	15	-	-	12	1	6	1	6	-	-	-
Puerto Rico-----	21	116	-	-	-	-	-	-	-	-	-	-

²Includes cases not specified by type, category number (080.3).

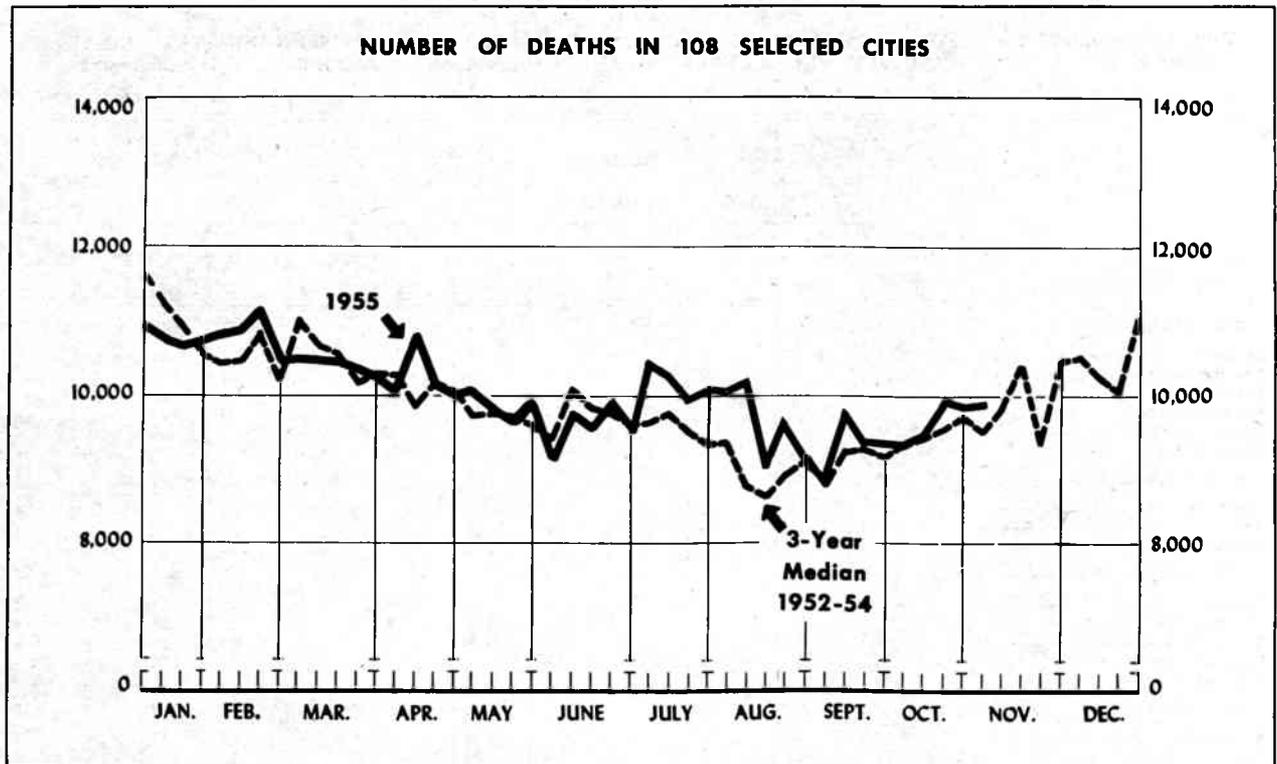
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 6, 1954 AND NOVEMBER 5, 1955—Continued

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

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	2,055	1,841	3	3	8	31	65	4	848	1,290	83	102
NEW ENGLAND-----	71	71	-	-	-	-	1	-	27	195	-	-
Maine-----	25	17	-	-	-	-	-	-	9	11	-	-
New Hampshire-----	10	3	-	-	-	-	-	-	3	-	-	-
Vermont-----	4	2	-	-	-	-	-	-	-	16	-	-
Massachusetts-----	20	35	-	-	-	-	-	-	6	45	-	-
Rhode Island-----	4	4	-	-	-	-	-	-	7	36	-	-
Connecticut-----	8	10	-	-	-	-	1	-	2	87	-	-
MIDDLE ATLANTIC-----	69	69	2	-	-	2	4	-	82	182	16	13
New York-----	57	28	2	-	-	1	-	-	66	73	16	13
New Jersey-----	12	14	-	-	-	1	-	-	16	24	-	-
Pennsylvania-----	-	27	-	-	-	-	4	-	-	85	-	-
EAST NORTH CENTRAL-----	237	241	-	-	-	2	10	-	178	347	6	7
Ohio-----	42	27	-	-	-	1	5	-	28	57	3	3
Indiana-----	13	37	-	-	-	-	3	-	17	32	2	4
Illinois-----	51	37	-	-	-	-	-	-	33	30	-	-
Michigan-----	113	30	-	-	-	-	2	-	79	125	-	-
Wisconsin-----	18	110	-	-	-	1	-	-	21	103	1	-
WEST NORTH CENTRAL-----	49	80	-	1	-	1	3	-	36	105	8	12
Minnesota-----	17	40	-	-	-	1	-	-	2	63	3	3
Iowa-----	12	14	-	-	-	-	1	-	15	13	2	5
Missouri-----	8	3	-	1	-	-	1	-	11	22	3	4
North Dakota-----	7	15	-	-	-	-	1	-	-	2	-	-
South Dakota-----	2	1	-	-	-	-	-	-	-	3	-	-
Nebraska-----	-	1	-	-	-	-	-	-	-	-	-	-
Kansas-----	3	6	-	-	-	-	-	-	8	2	-	-
SOUTH ATLANTIC-----	212	176	-	1	-	6	18	-	100	99	10	33
Delaware-----	-	1	-	-	-	-	-	-	4	1	-	-
Maryland-----	4	8	-	-	-	-	-	-	3	14	-	-
District of Columbia-----	7	3	-	-	-	-	-	-	1	4	-	-
Virginia-----	61	51	-	1	-	-	2	-	-	17	2	13
West Virginia-----	13	6	-	-	-	4	4	-	31	19	2	7
North Carolina-----	36	29	-	-	-	-	3	-	38	14	1	3
South Carolina-----	23	10	-	-	-	-	1	-	4	19	1	4
Georgia-----	57	61	-	-	-	1	5	-	9	5	4	2
Florida-----	11	7	-	-	-	1	3	-	10	6	-	4
EAST SOUTH CENTRAL-----	138	74	-	-	1	4	11	2	113	97	16	11
Kentucky-----	50	24	-	-	-	1	3	-	54	20	7	1
Tennessee-----	37	24	-	-	-	-	5	-	19	33	3	6
Alabama-----	19	12	-	-	-	2	1	2	23	33	4	3
Mississippi-----	32	14	-	-	1	1	2	-	17	11	2	1
WEST SOUTH CENTRAL-----	763	637	-	1	7	15	13	2	197	74	15	24
Arkansas-----	49	42	-	-	5	7	3	-	58	14	1	3
Louisiana-----	14	8	-	1	1	1	3	1	-	1	-	-
Oklahoma-----	17	6	-	-	1	-	1	-	7	16	-	1
Texas-----	683	581	-	-	-	7	6	1	132	43	14	20
MOUNTAIN-----	361	311	1	-	-	1	4	-	40	36	1	1
Montana-----	10	8	-	-	-	-	1	-	5	2	-	-
Idaho-----	10	11	-	-	-	-	1	-	1	4	-	-
Wyoming-----	16	42	-	-	-	-	-	-	-	-	-	-
Colorado-----	50	21	-	-	-	-	1	-	13	2	-	-
New Mexico-----	81	48	-	-	-	1	-	-	9	4	-	1
Arizona-----	167	133	1	-	-	-	1	-	5	16	1	-
Utah-----	27	48	-	-	-	-	-	-	5	8	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	146	182	-	-	-	-	1	-	75	155	11	1
Washington-----	42	23	-	-	-	-	-	-	3	21	-	-
Oregon-----	34	51	-	-	-	-	-	-	11	16	-	-
California-----	70	108	-	-	-	-	1	-	61	118	11	1
Alaska-----	11	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	1	45	-	-

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The chart shows the number of deaths reported for 108 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 DIVISION

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

AREA	44th week ended Nov. 5, 1955	43d week ended Oct. 29, 1955	44th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 44 WEEKS		
					1955	1954	Percent change
TOTAL: 105 REPORTING CITIES-----	9,742	9,761	9,465	+2.9	436,347	424,247	+2.9
New England----- (14 cities)	615	625	639	-3.8	29,778	28,550	+4.3
Middle Atlantic----- (16 cities)	3,041	2,913	2,827	+7.6	128,984	124,458	+3.6
East North Central----- (18 cities)	2,181	2,141	2,118	+3.0	96,953	93,729	+3.4
West North Central----- (9 cities)	715	741	694	+3.0	31,583	32,309	-2.2
South Atlantic----- (9 cities)	781	800	766	+2.0	33,368	32,615	+2.3
East South Central----- (8 cities)	439	435	466	-5.8	20,379	20,058	+1.6
West South Central----- (12 cities)	721	708	693	+4.0	32,012	31,297	+2.3
Mountain----- (7 cities)	186	196	189	-1.6	8,530	8,178	+4.3
Pacific----- (12 cities)	1,063	1,202	1,107	-4.0	54,760	53,053	+3.2

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 5, 1955

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

CITY	44th week ended Nov. 5, 1955	43d week ended Oct. 29, 1955	CUMULATIVE NUMBER FOR FIRST 44 WEEKS		CITY	44th week ended Nov. 5, 1955	43d week ended Oct. 29, 1955	CUMULATIVE NUMBER FOR FIRST 44 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	205	202	10,157	9,584	St. Louis-----	206	224	9,556	10,108
Bridgeport-----	28	36	1,609	1,523	St. Paul-----	73	69	2,812	2,814
Cambridge-----	35	33	1,279	1,184	Wichita-----	44	37	1,680	1,859
Fall River-----	22	24	1,202	1,178	SOUTH ATLANTIC				
Hartford-----	44	39	1,963	1,983	Atlanta-----	108	124	4,522	4,519
Lowell-----	24	26	1,107	1,183	Baltimore-----	211	239	9,783	9,301
Lynn-----	18	14	960	931	Charlotte-----	28	26	1,204	1,290
New Bedford-----	15	24	1,048	987	Jacksonville-----	(59)	(67)	(2,103)	(2,106)
New Haven-----	43	33	1,866	1,849	Miami-----	39	51	2,308	2,679
Providence-----	61	56	2,769	2,632	Norfolk-----	43	32	1,383	1,238
Somerville-----	13	11	653	629	Richmond-----	71	64	2,782	2,736
Springfield, Mass.-----	41	48	1,830	1,697	Savannah-----	---	(35)	---	(1,198)
Waterbury-----	24	33	1,096	1,022	Tampa-----	60	48	2,358	2,258
Worcester-----	42	46	2,239	2,168	Washington, D. C.-----	185	183	7,488	7,182
MIDDLE ATLANTIC					Wilmington, Del.-----	36	33	1,540	1,412
Albany-----	35	43	2,078	1,979	EAST SOUTH CENTRAL				
Allentown-----	(36)	(40)	(1,578)	(1,462)	Birmingham-----	84	74	3,328	3,200
Buffalo-----	115	178	5,917	5,853	Chattanooga-----	35	39	1,890	1,875
Camden-----	31	39	1,600	1,621	Knoxville-----	35	31	1,479	1,468
Elizabeth-----	---	(21)	---	(1,208)	Louisville-----	87	103	4,519	4,622
Erie-----	42	26	1,514	1,454	Memphis-----	96	95	4,315	4,218
Jersey City-----	77	58	3,033	2,973	Mobile-----	34	27	1,254	1,388
Newark, N. J.-----	105	94	4,375	4,227	Montgomery-----	26	26	1,137	1,139
New York City-----	1,587	1,525	68,121	66,113	Nashville-----	42	40	2,457	2,148
Paterson-----	32	41	1,615	1,644	WEST SOUTH CENTRAL				
Philadelphia-----	530	483	20,846	19,898	Austin-----	26	24	1,114	1,099
Pittsburgh-----	198	171	7,734	6,864	Baton Rouge-----	27	22	919	913
Reading-----	---	(25)	---	(893)	Corpus Christi-----	15	21	761	762
Rochester, N. Y.-----	95	90	4,084	3,961	Dallas-----	91	97	4,232	4,348
Schenectady-----	27	16	992	1,059	El Paso-----	13	25	1,225	1,155
Scranton-----	(33)	(29)	(1,461)	(1,452)	Fort Worth-----	(47)	---	---	(2,451)
Syracuse-----	51	42	2,394	2,383	Houston-----	123	137	5,460	5,209
Trenton-----	41	44	2,088	1,948	Little Rock-----	31	39	1,943	1,769
Utica-----	38	38	1,343	1,300	New Orleans-----	151	133	6,527	6,474
Yonkers-----	37	25	1,250	1,181	Oklahoma City-----	46	53	2,471	2,551
EAST NORTH CENTRAL					San Antonio-----	86	79	3,702	3,363
Akron-----	38	44	2,268	2,360	Shreveport-----	58	42	1,718	1,700
Canton-----	26	28	1,187	1,229	Tulsa-----	54	36	1,940	1,954
Chicago-----	729	697	31,674	31,129	MOUNTAIN				
Cincinnati-----	128	115	6,444	5,999	Albuquerque-----	20	18	995	1,142
Cleveland-----	190	216	8,622	8,571	Colorado Springs-----	9	17	556	511
Columbus-----	106	103	4,646	4,362	Denver-----	106	100	4,690	4,388
Dayton-----	58	77	2,826	2,696	Ogden-----	13	18	488	487
Detroit-----	308	286	14,116	13,358	Phoenix-----	23	27	1,057	891
Evansville-----	31	30	1,384	1,271	Pueblo-----	10	12	548	580
Flint-----	38	38	1,612	1,617	Salt Lake City-----	---	(39)	---	(1,709)
Fort Wayne-----	25	40	1,476	1,104	Tucson-----	5	4	196	179
Gary-----	(20)	(35)	(1,195)	(1,122)	PACIFIC				
Grand Rapids-----	31	33	1,806	1,709	Berkeley-----	12	10	769	763
Indianapolis-----	152	101	4,800	4,799	Long Beach-----	43	44	2,125	2,105
Milwaukee-----	142	105	5,439	5,250	Los Angeles-----	372	456	19,919	18,871
Peoria-----	28	38	1,277	1,305	Oakland-----	75	90	3,754	3,966
South Bend-----	29	26	1,096	1,009	Pasadena-----	25	30	1,588	1,414
Toledo-----	91	110	4,049	3,847	Portland, Oreg.-----	83	100	4,077	4,225
Youngstown-----	51	54	2,231	2,114	Sacramento-----	54	39	2,145	1,969
WEST NORTH CENTRAL					San Diego-----	79	60	3,208	3,115
Des Moines-----	58	53	2,264	2,175	San Francisco-----	156	181	8,017	7,977
Duluth-----	25	26	1,108	1,152	Seattle-----	101	125	5,563	5,230
Kansas City, Kans.-----	25	28	1,492	1,450	Spokane-----	33	38	1,975	1,942
Kansas City, Mo.-----	104	118	4,729	5,130	Tacoma-----	30	29	1,620	1,476
Minneapolis-----	121	119	5,135	4,976	Honolulu-----	(34)	(40)	(1,556)	(1,470)
Omaha-----	59	67	2,807	2,645					

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

EPIDEMIOLOGICAL REPORTS—Continued

erated at all times. Bacteriological examination of specimens from one ham revealed Staphylococcus aureus. The source of infection of the ham was not found.

The West Virginia Department of Health reports an outbreak of gastro-enteritis among persons who ate Boston cream pies. The pies involved were prepared and sold by a local pastry shop. Lack of refrigeration for display of cream pastries and unsanitary conditions were found at the pastry shop. Bacteriological examination on a specimen of Boston cream pie revealed Staphylococcus aureus.

The San Jose City Health Department reports an outbreak of gastro-enteritis among 91 persons who attended a party in a cafe. All became ill with diarrhea and stomach cramps from 8 to 12 hours after eating fillet of rock cod. In addition, the owner of the establishment and his wife also became ill. Their 3 children did not eat any of the rock cod and remained well. None of the fish was available for laboratory tests but other food items were collected. The results of tests on these were inconclusive. An investigation 2 days later revealed that the premises of the cafe were in poor condition. The cafe was ordered closed and completely renovated.

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