

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 December 18, 1954

While the number of cases of infectious hepatitis for the current week is 376 less than the number reported for the corresponding week of 1953, the cumulative total since the first of September exceeds the corresponding total of last year by almost 1,000 cases. The cumulative total for the first 50 weeks of this year is 48,427, compared with 32,084 for the same period of 1953.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

The monthly report from the Department of Agriculture for November shows that 6 outbreaks of anthrax in animals occurred in 5 States during the month. As a result of these outbreaks 23 cattle and 1 hog were lost. The source of 3 outbreaks was not determined, but infected soil was responsible for the other 3. According to the report, 37 States, the District of Columbia, Hawaii, and Puerto Rico experienced no anthrax outbreaks during November.

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, reports a case of psittacosis in a 60-year-old man. He had symptoms of atypical pneumonia and was admitted to a hospital during the first week in December. Because of a poor response to the usual therapy, a blood specimen was taken. It was found to be positive for psittacosis in a dilution of 1:64. An investigation revealed that the patient was employed in a poultry processing plant and that he had been ill about 3 weeks before admittance to the hospital. His job was icing down dressed poultry, and he had no contact with live birds. He disclaims any contact with psittacine birds and has no pigeons at his rural home. No member of his family has had a similar illness, and no unusual respiratory conditions have been reported among the other employees of the plant. Nothing resembling psittacosis (ornithosis) has appeared in birds brought to the plant for processing.

Dr. S. H. Osborne, Connecticut Department of Health, reports a case of psittacosis in a 32-year-old man who became ill with virus pneumonia during the last week in September. A blood specimen taken the last of October was negative for psittacosis, but a second specimen taken November 19 was positive for the disease in a dilution of 1:16. The patient had been given a parakeet early in September by a woman who had purchased 3 birds in New York City. All these birds were destroyed before the case was reported to the State Health Department. Two members of the family of the woman who purchased the birds, have been ill. The results of blood tests on these people have not yet been reported, but it is believed that they also had psittacosis.

Dr. D. S. Fleming, Minnesota Department of Health, reports a case of psittacosis in a 61-year-old man. He became ill with chills, fever, sweats, chest pain, cough, and hemoptysis of small amounts of bright red blood. A chest X-ray showed patchy infiltration of the lower left base. The complement fixation test for psittacosis was negative on a blood specimen collected about a week after the onset of symptoms. It was positive in titers of 1:16 and 1:32, respectively, on specimens collected 1 and 2 weeks later. One of 2 parakeets, purchased about 5 weeks before the onset of his illness, developed diarrhea, became listless, and

died shortly before it's owner became ill. Both the birds were destroyed and were not available for laboratory examination. An investigation revealed that the birds were purchased from a local store where the source of parakeets is a company in Chicago.

The California Department of Public Health reports 2 cases of psittacosis. One patient was known to have had contact with psittacine birds, but the other had no knowledge of contact with birds or fowl. Complement fixation tests showed titers of 1:256 and 1:128, respectively, for these persons. No illness has been reported among other persons who were in contact with the psittacine birds.

Dr. Carl E. Weigle, New Jersey Department of Health, reports 5 human cases of psittacosis associated with the operation of a turkey farm and slaughtering establishment. The diagnosis was made by clinical and laboratory examination. Experimental antibiotic treatment of the flock has been initiated. No birds except eviscerated and inspected birds are permitted to be sold. Possible sources of infection may be: (1) a stray parakeet seen among the turkeys; (2) poultts and eggs obtained from California, Pennsylvania, and Texas.

Typhoid fever

Dr. A. C. Hollister, California Department of Public Health, reports that 3 cases of typhoid fever have occurred among 8 persons in one household. Salmonella typhosa have been isolated from specimens of 3 patients, 2 of which yielded type C. An investigation revealed that the first patient had been swimming in a stagnant pool of water several weeks prior to the date of onset of his illness. A sanitary survey showed a strong possibility that the pool was contaminated with fecal material. It was not definitely established that this pool was the source of the infection, but many other possibilities have been eliminated and further examinations are to be made.

Diphtheria

Dr. A. L. Gray, Mississippi State Board of Health, reports an outbreak of diphtheria in a town of 375 inhabitants and in the rural area within a few miles of the town. Since the first of June, 25 cases have been reported in the area. Of these, 8 were in the age group under 5, 14 were between 5 and 9 years, and the remainder were over 9 years of age. Most of the patients had direct contact with other persons with the disease and were in families of blood kinship. Two additional cases have occurred in another small town a few miles away, but no epidemiological relationship could be established between these and the group of 25 cases. There were more diphtheria cases in this limited area than had occurred in any similar area in Mississippi in several years.

Gastro-enteritis

Dr. I. Gettetz, New York City Department of Health, reports an outbreak of gastro-enteritis among 120 persons who attended a dinner party in a restaurant. Of these, 28 became ill from 6 to 7 hours later. The vehicles of infection were suspected to be salmon steak and hollandaise sauce. No food was available for bacteriological examination.

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The California Department of Public Health reports an outbreak of gastro-enteritis among persons in an institution. The food was provided by a local delicatessen. Thirty-five persons are known to have developed diarrhea with or without the usual complaints of nausea, vomiting, cramps, and chills. The food consisted of turkey, dressing, mashed potatoes, sweet potatoes, and mince pie. The turkeys were roasted without the dressing which was made and cooked separately. Bacteriological

examination of food specimens showed numerous organisms but no pathogens.

The Los Angeles County Health Department reports that 2 out of 3 persons who ate turkey sandwiches with mayonnaise became ill about 2 hours later. The condition of the third person is not known. The turkey was left unrefrigerated for about 2 days. No food specimens were collected for bacteriological examination.

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	50th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Dec. 18, 1954	Ended Dec. 19, 1953	Median 1949-53	First 50 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	19	32	43	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	13	19	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	32	42	---	1,665	1,753	---	(1)	(1)	(1)	(1)
Diphtheria-----055	46	48	87	2,017	2,308	3,985	1,145	1,256	2,015	July 1
Encephalitis, infectious-----082	17	9	16	1,863	1,080	1,015	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	732	1,108	---	48,427	32,084	---	(1)	(1)	(1)	(1)
Malaria-----110-117	3	10	---	699	1,421	---	(1)	(1)	(1)	(1)
Measles-----085	6,158	4,120	3,660	668,807	438,978	507,370	40,979	28,300	24,821	Sept. 1
Meningococcal infections-----057	79	74	81	3,987	4,920	3,967	971	1,155	1,048	Sept. 1
Polio-myelitis-----080	288	272	291	38,396	35,562	35,562	36,843	33,981	33,981	Apr. 1
Psittacosis-----096.2	46	2	---	440	54	---	(1)	(1)	(1)	(1)
Rabies in man-----094	2	-	-	8	13	13	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	1	-	2	289	295	331	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	2,426	2,582	1,410	140,726	128,994	71,808	32,985	29,387	14,628	Aug. 1
Smallpox-----084	-	-	-	-	4	16	(1)	(1)	(1)	(1)
Trichiniasis-----128	5	13	---	248	366	---	(1)	(1)	(1)	(1)
Tularemia-----059	21	13	20	586	528	633	(1)	(1)	(1)	(1)
Typhoid fever-----040	30	41	27	2,229	2,244	2,354	1,819	1,939	1,951	Apr. 1
Typhus fever, endemic-----101	2	1	---	180	225	---	146	185	---	Apr. 1
Whooping cough-----056	1,243	854	1,146	58,808	35,694	65,274	15,047	8,475	12,434	Oct. 1
Rabies in animals-----	111	169	---	6,551	7,184	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.

²Addition: Idaho, week ended December 11, 1 case.

³Includes 4 delayed cases from Indiana.

⁴Illinois, Ohio, Pennsylvania, Virginia, 1 case each; New Jersey, 2 cases.

⁵California and West Virginia, 1 case each. For epidemiological explanation of California case, see reports for weeks ended December 4 and 11.

⁶Addition: Iowa, week ended December 4, 2 cases.

⁷Addition: North Carolina, week ended December 11, 1 case.

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 DECEMBER 19, 1953, AND DECEMBER 18, 1954

(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	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	32	42	46	48	17	9	732	1,108	2	5	1	5
NEW ENGLAND-----	1	1	1	-	1	1	63	49	-	-	-	-
Maine-----	-	-	-	-	-	-	4	15	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	1	-	-	-	-	3	2	-	-	-	-
Massachusetts-----	1	-	1	-	1	1	22	30	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	16	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	18	1	-	-	-	-
MIDDLE ATLANTIC-----	-	1	2	2	4	1	194	186	-	-	1	1
New York-----	-	1	-	-	3	1	113	152	-	-	1	1
New Jersey-----	-	-	1	1	1	-	11	6	-	-	-	-
Pennsylvania-----	-	-	1	1	-	-	70	28	-	-	-	-
EAST NORTH CENTRAL-----	19	8	2	2	2	3	83	154	-	-	-	-
Ohio-----	-	-	-	-	-	-	19	21	-	-	-	-
Indiana-----	-	-	1	1	-	-	13	36	-	-	-	-
Illinois-----	2	4	-	-	2	1	29	57	-	-	-	-
Michigan-----	12	4	1	-	-	2	13	24	-	-	-	-
Wisconsin-----	5	-	-	1	-	-	9	16	-	-	-	-
WEST NORTH CENTRAL-----	6	18	8	4	6	-	86	317	1	1	-	-
Minnesota-----	2	3	-	1	1	-	48	236	-	1	-	-
Iowa-----	3	6	-	-	-	-	20	54	1	-	-	-
Missouri-----	-	-	1	-	-	-	8	6	-	-	-	-
North Dakota-----	1	-	-	1	-	-	-	8	-	-	-	-
South Dakota-----	-	6	-	-	1	-	3	9	-	-	-	-
Nebraska-----	-	7	2	-	-	-	6	4	-	-	-	-
Kansas-----	-	3	-	-	4	-	1	-	-	-	-	-
SOUTH ATLANTIC-----	3	2	18	24	1	-	91	117	-	-	-	3
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	-
Maryland-----	-	-	-	-	1	-	10	4	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	1	2	1	-	-	52	79	-	-	-	1
West Virginia-----	-	-	-	1	-	-	19	14	-	-	-	-
North Carolina-----	-	-	5	3	-	-	2	10	-	-	-	2
South Carolina-----	-	-	1	6	-	-	-	-	-	-	-	-
Georgia-----	2	1	7	11	-	-	7	4	-	-	-	-
Florida-----	-	-	3	2	-	-	1	5	-	-	-	-
EAST SOUTH CENTRAL-----	-	2	-	7	-	-	41	66	-	1	-	-
Kentucky-----	-	1	-	2	-	-	13	23	-	-	-	-
Tennessee-----	-	-	-	1	-	-	17	20	-	-	-	-
Alabama-----	-	-	-	3	-	-	4	6	-	-	-	-
Mississippi-----	-	1	-	1	-	-	7	17	-	1	-	-
WEST SOUTH CENTRAL-----	2	6	12	5	1	4	40	74	-	1	-	-
Arkansas-----	-	1	1	-	-	-	11	20	-	-	-	-
Louisiana-----	1	-	7	1	-	1	4	-	-	-	-	-
Oklahoma-----	-	-	-	1	1	-	4	8	-	-	-	-
Texas-----	1	5	4	3	-	3	21	46	-	1	-	-
MOUNTAIN-----	-	2	-	2	-	-	80	32	-	-	-	-
Montana-----	-	-	-	-	-	-	15	1	-	-	-	-
Idaho-----	-	1	-	1	-	-	17	9	-	-	-	-
Wyoming-----	-	-	-	-	-	-	2	6	-	-	-	-
Colorado-----	-	-	-	-	-	-	8	7	-	-	-	-
New Mexico-----	-	-	-	1	-	-	10	5	-	-	-	-
Arizona-----	-	-	-	-	-	-	24	2	-	-	-	-
Utah-----	-	1	-	-	-	-	4	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	2	3	2	2	-	54	113	1	2	-	1
Washington-----	-	-	-	-	-	-	19	27	-	-	-	-
Oregon-----	-	-	-	-	-	-	16	28	-	-	-	-
California-----	1	2	3	2	2	-	19	58	1	2	-	1
Alaska-----	-	-	-	-	-	-	5	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	2	-	-	-	-
Puerto Rico-----	-	-	4	4	-	-	4	-	-	-	-	-

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 DECEMBER 19, 1953, AND DECEMBER 18, 1954—Continued

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

AREA	MEASLES		MENINGO-COCAL INFECTIONS		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER	
	(085)		(057)		Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		(104A)	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	6,158	4,120	79	74	288	272	136	117	60	59	1	-
NEW ENGLAND-----	1,883	135	2	4	21	25	12	10	7	3	-	-
Maine-----	104	65	-	1	1	2	1	1	-	1	-	-
New Hampshire-----	20	1	-	-	-	1	-	-	-	-	-	-
Vermont-----	37	53	-	-	5	1	4	-	1	-	-	-
Massachusetts-----	1,332	12	2	2	7	17	5	7	2	1	-	-
Rhode Island-----	73	1	-	-	1	1	1	-	-	-	-	-
Connecticut-----	317	3	-	1	7	3	2	1	4	1	-	-
MIDDLE ATLANTIC-----	1,761	616	15	5	73	32	28	14	10	10	-	-
New York-----	725	357	10	-	47	25	21	12	6	10	-	-
New Jersey-----	322	19	1	1	13	2	7	2	4	-	-	-
Pennsylvania-----	714	240	4	4	13	5	-	-	-	-	-	-
EAST NORTH CENTRAL-----	714	973	17	17	59	42	22	11	7	12	-	-
Ohio-----	46	92	4	3	22	7	4	-	-	2	-	-
Indiana-----	24	352	2	6	9 ⁴	-	2	-	-	-	-	-
Illinois-----	132	166	7	2	11	11	8	2	1	2	-	-
Michigan-----	441	292	4	4	11	20	4	9	3	8	-	-
Wisconsin-----	71	71	-	2	11	4	4	-	3	-	-	-
WEST NORTH CENTRAL-----	385	135	5	7	17	21	8	4	4	4	-	-
Minnesota-----	244	4	2	1	2	6	1	1	1	1	-	-
Iowa-----	64	63	-	1	4	5	2	-	-	2	-	-
Missouri-----	25	3	-	1	1	3	1	-	-	1	-	-
North Dakota-----	28	60	-	-	-	3	-	-	-	-	-	-
South Dakota-----	10	-	-	1	3	-	1	-	2	-	-	-
Nebraska-----	1	1	2	2	1	1	1	1	-	-	-	-
Kansas-----	13	4	1	1	6	3	2	2	1	-	-	-
SOUTH ATLANTIC-----	194	343	16	11	24	32	14	19	6	5	1	-
Delaware-----	1	1	-	-	1	-	1	-	-	-	-	-
Maryland-----	11	66	3	-	4	4	2	3	2	1	-	-
District of Columbia-----	5	1	-	1	-	-	-	-	-	-	-	-
Virginia-----	31	36	2	3	5	2	5	2	-	-	-	-
West Virginia-----	94	66	2	1	1	3	1	1	-	1	-	-
North Carolina-----	10	43	4	2	4	4	2	4	1	-	-	-
South Carolina-----	2	17	1	-	1	-	-	-	-	-	-	-
Georgia-----	39	57	1	4	1	3	-	2	-	-	-	-
Florida-----	1	56	3	-	7	16	3	7	3	3	1	-
EAST SOUTH CENTRAL-----	112	270	3	3	9	5	3	1	3	-	-	-
Kentucky-----	10	211	2	2	4	1	3	-	1	-	-	-
Tennessee-----	51	17	-	1	2	1	-	1	-	-	-	-
Alabama-----	46	21	1	-	1	3	-	-	1	-	-	-
Mississippi-----	5	21	-	-	2	-	-	-	1	-	-	-
WEST SOUTH CENTRAL-----	472	563	14	20	21	31	13	11	5	4	-	-
Arkansas-----	38	63	2	-	1	-	-	-	1	-	-	-
Louisiana-----	-	36	8	1	5	1	3	1	2	-	-	-
Oklahoma-----	1	10	2	3	-	9	-	-	-	-	-	-
Texas-----	433	454	2	16	15	21	10	10	2	4	-	-
MOUNTAIN-----	153	385	1	-	15	12	2	5	4	1	-	-
Montana-----	1	72	1	-	5	3	1	3	3	-	-	-
Idaho-----	2	58	-	-	1	3	-	-	-	-	-	-
Wyoming-----	1	22	-	-	2	2	-	2	1	-	-	-
Colorado-----	10	41	-	-	-	-	-	-	-	-	-	-
New Mexico-----	88	45	-	-	2	1	1	-	-	-	-	-
Arizona-----	46	11	-	-	-	1	-	-	-	1	-	-
Utah-----	5	136	-	-	5	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	2	-	-	-	-	-	-
PACIFIC-----	484	700	6	7	49	72	34	42	14	20	-	-
Washington-----	97	326	-	1	8	9	4	-	3	-	-	-
Oregon-----	62	53	-	-	2	6	1	3	1	3	-	-
California-----	325	321	6	6	39	57	29	39	10	17	-	-
Alaska-----	2	2	-	-	-	-	-	-	-	-	-	-
Hawaii-----	6	2	-	-	3	3	2	3	1	-	-	-
Puerto Rico-----	94	10	-	-	14	-	14	-	-	-	-	-

²Includes cases not specified by type, category number (080.3).³Delayed cases.

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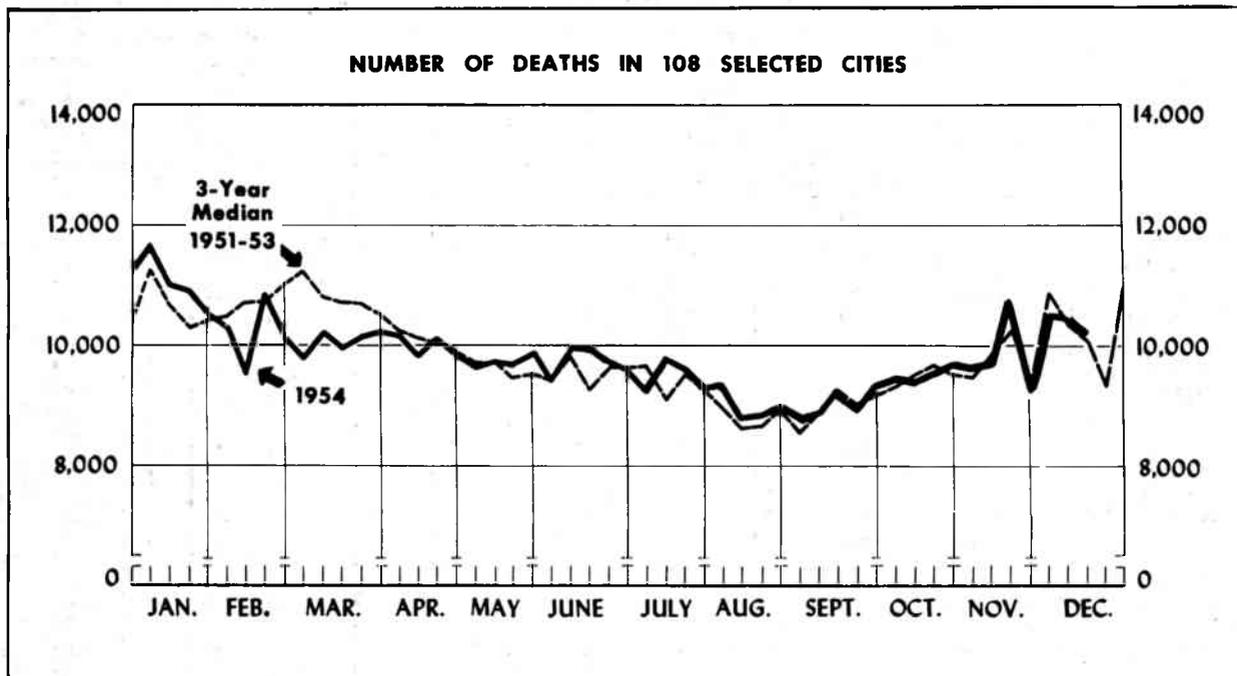
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 19, 1953, AND DECEMBER 18, 1954—Continued

(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	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
	CONT. UNITED STATES-----	2,426	2,582	5	21	13	30	41	2	1,243	854	111
NEW ENGLAND-----	104	169	-	-	-	-	-	-	185	119	-	-
Maine-----	12	31	-	-	-	-	-	-	15	-	-	-
New Hampshire-----	3	5	-	-	-	-	-	-	2	1	-	-
Vermont-----	9	3	-	-	-	-	-	-	18	30	-	-
Massachusetts-----	55	74	-	-	-	-	-	-	58	39	-	-
Rhode Island-----	7	7	-	-	-	-	-	-	48	36	-	-
Connecticut-----	18	49	-	-	-	-	-	-	44	13	-	-
MIDDLE ATLANTIC-----	143	274	5	-	-	4	9	-	186	215	13	-
New York-----	75	149	1	-	-	1	1	-	53	127	9	-
New Jersey-----	19	38	-	-	-	-	1	-	56	26	-	-
Pennsylvania-----	49	87	4	-	-	3	7	-	77	62	4	-
EAST NORTH CENTRAL-----	325	449	-	7	-	1	2	-	248	296	12	56
Ohio-----	59	104	-	1	-	-	-	-	18	19	5	2
Indiana-----	111	44	-	-	-	-	1	-	40	61	3	38
Illinois-----	69	89	-	5	-	-	1	-	27	6	2	12
Michigan-----	57	117	-	-	-	1	-	-	65	135	-	4
Wisconsin-----	29	95	-	1	-	-	-	-	98	75	2	-
WEST NORTH CENTRAL-----	128	146	-	-	1	-	4	-	85	10	13	17
Minnesota-----	37	47	-	-	-	-	-	-	49	3	1	2
Iowa-----	24	38	-	-	-	-	1	-	8	1	6	4
Missouri-----	9	17	-	-	1	-	3	-	11	4	3	9
North Dakota-----	22	8	-	-	-	-	-	-	12	-	1	1
South Dakota-----	12	7	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	16	-	-	-	-	-	-	-	1	2	1
Kansas-----	24	13	-	-	-	-	-	-	5	1	-	-
SOUTH ATLANTIC-----	322	270	-	1	8	6	6	1	172	31	29	36
Delaware-----	5	2	-	-	-	-	-	-	-	-	-	-
Maryland-----	49	17	-	-	2	2	1	-	50	16	-	1
District of Columbia-----	9	12	-	-	-	-	-	-	16	-	-	-
Virginia-----	147	100	-	1	5	3	-	-	31	3	8	8
West Virginia-----	17	74	-	-	-	-	1	-	49	6	7	10
North Carolina-----	52	42	-	-	1	1	1	-	18	3	1	5
South Carolina-----	11	10	-	-	-	-	-	-	1	-	5	5
Georgia-----	22	6	-	-	-	-	-	1	6	-	6	4
Florida-----	10	7	-	-	-	-	3	-	1	3	2	3
EAST SOUTH CENTRAL-----	120	115	-	12	1	3	2	1	51	53	12	24
Kentucky-----	43	25	-	5	1	2	-	-	20	17	3	6
Tennessee-----	43	55	-	7	-	1	-	1	27	8	-	9
Alabama-----	29	19	-	-	-	-	2	-	4	6	3	6
Mississippi-----	5	16	-	-	-	-	-	-	-	2	6	3
WEST SOUTH CENTRAL-----	643	815	-	-	1	7	10	-	123	63	27	32
Arkansas-----	25	23	-	-	-	1	7	-	14	1	-	2
Louisiana-----	17	8	-	-	1	4	1	-	-	-	4	13
Oklahoma-----	23	12	-	-	-	1	-	-	3	7	-	-
Texas-----	578	772	-	-	-	1	2	-	106	55	14	30
MOUNTAIN-----	333	94	-	-	2	9	1	-	71	14	3	-
Montana-----	11	5	-	-	1	3	-	-	2	-	-	-
Idaho-----	30	7	-	-	-	-	-	-	1	1	-	-
Wyoming-----	3	8	-	-	-	-	-	-	1	1	-	-
Colorado-----	6	17	-	-	-	2	-	-	5	2	-	-
New Mexico-----	63	17	-	-	-	2	1	-	14	5	-	-
Arizona-----	181	11	-	-	1	2	-	-	30	4	3	-
Utah-----	39	27	-	-	-	-	-	-	18	1	-	-
Nevada-----	-	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	308	250	-	1	-	-	7	-	122	73	2	4
Washington-----	82	59	-	-	-	-	-	-	27	22	-	-
Oregon-----	64	14	-	-	-	-	1	-	7	18	-	-
California-----	162	177	-	1	-	-	6	-	88	33	2	4
Alaska-----	9	5	-	1	-	-	-	-	-	-	-	-
Hawaii-----	1	-	-	-	-	-	-	-	2	1	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	32	4	-	1

⁴Report for November.

⁵Includes 32 delayed cases.



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 where 50 deaths are the weekly average, 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	50th week ended Dec. 18, 1954	49th week ended Dec. 11, 1954	50th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		
					1954	1953	Percent change
TOTAL: 102 REPORTING CITIES-----	9,747	9,991	9,536	+2.2	468,269	481,049	-2.7
New England----- (13 cities)	673	647	675	-0.3	31,319	31,857	-1.7
Middle Atlantic----- (16 cities)	2,917	3,029	2,810	+3.8	137,055	142,393	-3.7
East North Central----- (18 cities)	2,246	2,252	2,112	+6.3	107,050	110,775	-3.4
West North Central----- (8 cities)	684	704	688	-0.6	35,062	36,320	-3.5
South Atlantic----- (8 cities)	767	724	717	+7.0	35,877	36,834	-2.6
East South Central----- (7 cities)	352	462	392	-10.2	20,661	21,198	-2.5
West South Central----- (13 cities)	794	817	824	-3.6	38,518	38,415	+0.3
Mountain----- (8 cities)	248	256	231	+7.4	11,364	11,995	-5.3
Pacific----- (11 cities)	1,066	1,100	1,090	-2.2	51,363	51,262	+0.2

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 18, 1954

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

CITY	50th week ended Dec. 18, 1954	49th week ended Dec. 11, 1954	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		CITY	50th week ended Dec. 18, 1954	49th week ended Dec. 11, 1954	CUMULATIVE NUMBER FOR FIRST 50 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston	247	212	10,971	11,187	St. Louis	240	232	11,561	11,982
Bridgeport	36	38	1,731	1,663	St. Paul	58	62	3,174	3,163
Cambridge	30	28	1,348	1,371	Wichita	33	23	2,064	1,986
Fall River	---	(21)	---	(1,408)	SOUTH ATLANTIC				
Hartford	45	53	2,306	2,275	Atlanta	103	97	5,162	5,155
Lowell	30	28	1,342	1,259	Baltimore	229	219	10,693	11,182
Lynn	26	21	1,066	1,117	Charlotte	26	30	1,473	1,410
New Bedford	25	25	1,121	1,148	Jacksonville	(62)	(49)	(2,420)	---
New Haven	46	38	2,112	2,179	Miami	58	38	2,967	2,915
Providence	58	67	3,008	3,014	Norfolk	---	(30)	---	(1,579)
Somerville	18	15	720	744	Richmond	75	77	3,140	3,166
Springfield, Mass.	39	41	1,937	1,927	Savannah	(18)	(30)	(1,371)	---
Waterbury	26	27	1,175	1,269	Tampa	43	61	2,595	2,607
Worcester	47	54	2,482	2,684	Washington, D. C.	201	162	8,240	8,769
MIDDLE ATLANTIC					Wilmington, Del.	32	40	1,607	1,630
Albany	46	51	2,254	2,249	EAST SOUTH CENTRAL				
Allentown	(48)	(23)	(1,667)	---	Birmingham	70	79	3,654	3,612
Buffalo	---	(181)	---	(7,100)	Chattanooga	---	(52)	---	(2,240)
Camden	38	34	1,820	1,789	Knoxville	32	45	1,701	1,633
Elizabeth	18	24	1,384	1,383	Louisville	79	108	5,207	5,241
Erie	30	45	1,652	1,713	Memphis	56	108	4,740	5,239
Jersey City	74	72	3,406	3,459	Mobile	38	33	1,602	1,557
Newark, N. J.	108	142	4,849	5,197	Montgomery	28	41	1,316	1,350
New York City	1,652	1,648	75,550	78,500	Nashville	49	48	2,441	2,566
Paterson	49	39	1,875	1,911	WEST SOUTH CENTRAL				
Philadelphia	428	513	22,777	24,024	Austin	26	25	1,260	1,236
Pittsburgh	175	183	7,976	8,442	Baton Rouge	22	14	1,081	825
Reading	(25)	(28)	(1,018)	---	Corpus Christi	28	26	877	817
Rochester, N. Y.	94	94	4,506	4,646	Dallas	96	103	4,917	4,728
Schenectady	29	27	1,209	1,159	El Paso	31	30	1,311	1,430
Scranton	(34)	(43)	(1,687)	---	Fort Worth	57	60	2,782	2,787
Syracuse	61	58	2,714	2,705	Houston	98	129	5,952	6,101
Trenton	51	44	2,239	2,332	Little Rock	56	42	2,050	2,136
Utica	30	18	1,488	1,560	New Orleans	150	158	7,372	7,820
Yonkers	34	37	1,356	1,324	Oklahoma City	60	66	2,904	2,663
EAST NORTH CENTRAL					San Antonio	100	67	3,876	3,993
Akron	52	43	2,655	2,801	Shreveport	31	40	1,930	1,966
Canton	27	26	1,387	1,405	Tulsa	39	57	2,206	1,913
Chicago	729	730	35,447	36,611	MOUNTAIN				
Cincinnati	118	169	6,879	7,407	Albuquerque	44	38	1,351	1,334
Cleveland	222	221	9,825	10,214	Colorado Springs	16	15	604	634
Columbus	118	95	4,997	5,143	Denver	99	121	5,020	5,276
Dayton	62	70	3,093	3,072	Ogden	3	19	553	620
Detroit	326	293	15,271	15,739	Phoenix	26	18	1,034	1,152
Evansville	40	39	1,476	1,617	Pueblo	10	9	651	679
Flint	29	37	1,838	1,806	Salt Lake City	46	35	1,951	2,044
Fort Wayne	38	39	1,303	1,537	Tucson	4	1	200	256
Gary	(21)	(32)	(1,285)	---	PACIFIC				
Grand Rapids	38	51	1,959	1,922	Berkeley	14	16	863	860
Indianapolis	116	122	5,467	5,569	Long Beach	51	50	2,401	2,274
Milwaukee	146	130	6,033	6,058	Los Angeles	467	496	21,578	21,705
Peoria	22	30	1,459	1,544	Oakland	98	75	4,495	4,604
South Bend	26	16	1,148	1,142	Pasadena	28	48	1,644	1,694
Toledo	87	93	4,404	4,555	Portland, Oreg.	83	84	4,730	4,849
Youngstown	50	48	2,409	2,633	Sacramento	59	52	2,294	2,324
WEST NORTH CENTRAL					San Diego	62	74	3,562	3,520
Des Moines	47	59	2,499	2,439	San Francisco	(204)	---	---	(9,257)
Duluth	19	18	1,283	1,328	Seattle	127	113	5,942	5,739
Kansas City, Kans.	---	(39)	---	(1,647)	Spokane	34	60	2,192	2,081
Kansas City, Mo.	104	108	5,787	5,975	Tacoma	43	32	1,662	1,612
Minneapolis	112	120	5,663	6,274	Honolulu	(24)	(28)	(1,658)	(1,578)
Omaha	71	82	3,051	3,173					

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

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