

Morbidity and Mortality

Weekly
Report



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HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 11, 1954

For the current week, 46 cases of diphtheria were reported as compared with 62 for the corresponding week of 1953. Of the total for the current week, more than half (26 cases) were in the South Atlantic, East South Central, and West South Central States. However, the number of cases (8) in Nebraska was more than any other State reported.

The cumulative total cases of diphtheria for the year to date is 1,971 as compared with 2,260 for the corresponding period of last year. This indicates a decrease of about 13 percent in the incidence of the disease. The corresponding decrease in 1953 over the number of cases reported in 1952 was about 22 percent.

The State of Washington reported 314 cases of epidemic respiratory diseases. (There was no report of laboratory examinations which would indicate the type of infection.)

EPIDEMIOLOGICAL REPORTS

Leptospirosis

Dr. Mason Romaine, Virginia Department of Health, gives additional information on the case of leptospirosis reported for the week ended December 4. Agglutination tests on blood specimens of the patient showed that the first was positive for L. icterohemorrhagiae in a titer of 1:8192, and the second was positive in a titer of 1:4096. The first blood specimen was positive for L. pomona in a titer of 1:1024, and the titer of the second was 1:256. Tests were negative for L. canicola.

Botulism

Dr. A. L. Marshall, Indiana State Board of Health, gives epidemiological information on the 2 cases of botulism reported for the week ended September 11. The illness was characterized by nausea and vomiting followed by disturbed vision, vertigo, dryness of throat, diplopia, ptosis of eyelids, and malaise. The patients were admitted to a hospital where botulism was diagnosed. Antitoxin was administered and both patients have recovered. Illness occurred about 18 hours following the consumption of a glass packed food product. This product was manufactured and packed by a local firm about 7 days earlier. All other lots of the food product were recalled before any other persons became victims of the poisoning. Botulinus toxin was demonstrated among the recalled lots as well as the original product. Food samples showed Clostridium and the toxin was confirmed by animal experiment. An investigation revealed unsanitary conditions in the manufacturing establishment and faulty processing.

Rabies in man

Correction: The incubation period for the case of human rabies reported in California for the week ended December 4 was erroneously reported as 8 days. It should have been 39 days.

Trichiniasis

Dr. R. H. Heeren, Iowa Department of Health, reports 3 cases of trichiniasis. Two of them developed in one household. A male college student helped his mother prepare a meal when

he was visiting at home for a week end. While cooking the meal, both tasted partly cooked ground meat which they called "ham-burger." Mother and son became ill about 10 days later. Biopsy of the gastrocnemius muscle of the son revealed a heavy infestation of trichinae.

The third case was in a housewife who became ill 2 weeks after tasting some ham loaf meat (ground cured ham and fresh pork) while seasoning it before cooking. Clinical manifestations were fever to 105°, marked nausea, pyuria, pains in arm and leg muscles, malaise, periorbital edema, and 41 percent eosinophiles.

Members of the first household were not certain from which one of two markets their ground meat had been purchased. The owners of both markets reported they handle only federally inspected pork. The second woman obtained the "ham loaf meat" from a city market, the manager of which reports he handles only federally inspected pork products.

Infectious hepatitis

The North Carolina State Board of Health reports an outbreak of infectious hepatitis among school children in a county in the southern part of the State. The local health officer estimated that 250 cases have been seen by local physicians. Gamma globulin has been made available to the local health department for use among contacts.

Gastro-enteritis

Dr. A. L. Marshall, Indiana State Board of Health, gives supplemental information on an outbreak previously reported as a Salmonella infection. This outbreak, involving 26 women who had eaten pie and coffee, was reported for the week ended November 27. Bacteriological examination of stool specimens of 4 patients showed the infection to be Paracolon Arizona. Coconut handled by an employee was positive for the organism. Eggs used as ingredients were negative for Salmonella.

The Indiana State Board of Health reports 2 outbreaks of gastro-enteritis involving ham as the vehicle of infection. One outbreak was in a private household where 3 persons became ill about 2 hours after eating the meat. The other outbreak was among persons who ate in a restaurant. Only 2 cases were reported among those who ate ham in the restaurant.

Dr. Milton Feig, Wisconsin State Board of Health, reports an outbreak of gastro-enteritis among patrons of a local lunch-room. Seven persons became ill about 2 hours after eating ham sandwiches. The illness was characterized by nausea, vomiting, diarrhea, and extreme weakness. The ham had remained at room temperature during the process of serving and was handled frequently. Such handling occurred when the proprietor was on vacation. No specimens of vomitus or stools were collected for laboratory examination, but samples of the ham were obtained. Culture in the laboratory showed the presence of staphylococcus and the absence of Salmonella organisms.

The New York State Department of Health reports an outbreak of gastro-enteritis among approximately 2,000 persons who ate turkey and dressing in a cafeteria. Of these, 75 became ill with mild diarrhea and abdominal cramps. None of the food was available for bacteriological examination. The investigation

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of the kitchen failed to find the source. It is possible that some of the pans used for storage of the dressing may have been insufficiently cleaned.

The California Department of Public Health reports that 5 persons became ill from 5 to 12 hours after eating chicken chow mein and fried rice, which had been purchased warm at a restaurant and taken home. The common symptoms were nausea, vomiting, and diarrhea. Laboratory examination of the food showed that the rice was negative for pathogens. The chow mein and a specimen from 1 food handler yielded unidentified paracolon and *Pseudomonas aeruginosa*.

The California Department of Public Health reports 2 outbreaks of gastro-enteritis in labor camps of approximately 175 persons each. In one camp, 160 persons became ill with intestinal cramps and diarrhea from 4 to 12 hours after drinking water and eating meat and bean tacos, and apples. The cause of this outbreak was not determined. In the other camp, about 125 persons became ill 6 hours after eating beans. Two specimens of the beans were collected. One was found to have a low bacterial count and consisted of *E. coli* and enterococci. The second specimen was found to have a high count with a few streptococci and many aerobic spore forming organisms.

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	49th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Dec. 11, 1954	Ended Dec. 12, 1953	Median 1949-53	First 49 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	² 68	30	---	1,633	1,711	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	46	62	90	1,971	2,260	3,918	1,099	1,208	1,948	July 1
Encephalitis, infectious-----082	26	12	15	1,845	1,071	999	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092,N998.5 pt.	905	915	---	47,695	30,976	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	4	5	---	696	1,411	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	5,739	4,112	3,514	662,649	434,858	500,288	34,821	24,180	21,161	Sept. 1
Meningococcal infections-----057	85	93	80	3,908	4,846	3,865	³ 892	1,081	946	Sept. 1
Polioomyelitis-----080	337	371	378	38,108	35,290	35,290	36,555	33,709	33,709	Apr. 1
Psittacosis-----096.2	⁴ 9	1	---	434	52	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	-	6	13	10	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	4	2	-	288	295	329	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	2,592	2,512	1,530	⁵ 138,300	126,412	70,516	⁵ 30,559	26,805	13,336	Aug. 1
Smallpox-----084	-	-	-	-	4	16	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	8	2	---	241	353	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	17	14	16	565	515	613	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	32	33	33	2,199	2,203	2,331	1,789	1,898	1,928	Apr. 1
Typhus fever, endemic-----101	-	-	---	177	224	---	143	184	---	Apr. 1
Whooping cough-----056	1,585	880	1,502	57,565	34,840	63,556	13,804	7,621	11,288	Oct. 1
Rabies in animals-----	105	127	---	⁶ 6,440	7,015	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.

²Includes 46 delayed cases from Nebraska.

³Addition: Kansas, week ended December 4, 1 case.

⁴Connecticut, Minnesota, New Jersey, New York, and Washington, 1 case each; California, 4 cases.

⁵Addition: New Mexico, week ended December 4, 72 cases. Deduction: Virginia, week ended December 4, 27 cases.

⁶Addition: Illinois, week ended December 4, 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 12, 1953, AND DECEMBER 11, 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-----	68	30	46	62	26	12	905	915	3	4	1	1
NEW ENGLAND-----	-	2	-	-	1	-	86	47	-	-	-	-
Maine-----	-	1	-	-	-	-	16	23	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	3	4	-	-	-	-
Vermont-----	-	1	-	-	-	-	2	2	-	-	-	-
Massachusetts-----	-	-	-	-	1	-	30	17	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	23	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	12	1	-	-	-	-
MIDDLE ATLANTIC-----	1	4	4	4	6	3	205	228	-	-	-	-
New York-----	1	3	1	1	4	3	153	181	-	-	-	-
New Jersey-----	-	-	3	2	2	-	2	5	-	-	-	-
Pennsylvania-----	-	1	-	1	-	-	50	42	-	-	-	-
EAST NORTH CENTRAL-----	6	8	3	3	3	1	161	98	1	-	-	-
Ohio-----	-	-	-	2	-	-	14	34	1	-	-	-
Indiana-----	-	-	1	-	-	-	17	10	-	-	-	-
Illinois-----	1	5	-	-	1	-	114	20	-	-	-	-
Michigan-----	1	2	2	1	2	1	13	26	-	-	-	-
Wisconsin-----	4	1	-	-	-	-	3	8	-	-	-	-
WEST NORTH CENTRAL-----	56	8	11	1	6	4	101	130	-	-	-	1
Minnesota-----	3	1	1	-	-	3	38	42	-	-	-	-
Iowa-----	3	5	-	-	1	-	36	46	-	-	-	-
Missouri-----	-	1	-	1	-	1	13	9	-	-	-	-
North Dakota-----	-	-	-	-	1	-	8	13	-	-	-	-
South Dakota-----	4	-	2	-	-	-	2	16	-	-	-	-
Nebraska-----	246	-	8	-	-	-	1	2	-	-	-	1
Kansas-----	-	1	-	-	4	-	3	2	-	-	-	-
SOUTH ATLANTIC-----	-	-	11	27	4	2	96	164	-	-	-	-
Delaware-----	-	-	-	-	-	-	-	3	-	-	-	-
Maryland-----	-	-	-	-	-	-	4	24	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	-	-
Virginia-----	-	-	-	4	1	2	42	51	-	-	-	-
West Virginia-----	-	-	-	2	-	-	27	59	-	-	-	-
North Carolina-----	-	-	2	1	3	-	12	18	-	-	-	-
South Carolina-----	-	-	3	12	-	-	2	1	-	-	-	-
Georgia-----	-	-	2	5	-	-	3	3	-	-	-	-
Florida-----	-	-	4	3	-	-	5	5	-	-	-	-
EAST SOUTH CENTRAL-----	-	5	7	8	2	-	46	64	1	-	1	-
Kentucky-----	-	-	1	2	-	-	9	17	-	-	-	-
Tennessee-----	-	1	-	-	2	-	16	21	-	-	1	-
Alabama-----	-	2	5	6	-	-	13	6	-	-	-	-
Mississippi-----	-	2	1	-	-	-	8	20	1	-	-	-
WEST SOUTH CENTRAL-----	1	3	8	12	3	1	41	30	1	3	-	-
Arkansas-----	-	-	-	3	-	-	3	-	-	-	-	-
Louisiana-----	-	-	2	1	-	-	20	-	-	-	-	-
Oklahoma-----	-	-	1	-	-	-	5	1	-	-	-	-
Texas-----	1	3	5	8	3	1	13	29	1	3	-	-
MOUNTAIN-----	1	-	-	3	-	1	61	44	-	1	-	-
Montana-----	-	-	-	2	-	1	2	2	-	-	-	-
Idaho-----	-	-	-	-	-	-	7	19	-	-	-	-
Wyoming-----	-	-	-	-	-	-	2	6	-	1	-	-
Colorado-----	-	-	1	-	-	-	10	13	-	-	-	-
New Mexico-----	-	-	-	-	-	-	9	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	29	2	-	-	-	-
Utah-----	1	-	-	-	-	-	2	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	-	2	4	1	-	108	110	-	-	-	-
Washington-----	1	-	-	1	-	-	12	30	-	-	-	-
Oregon-----	-	-	-	-	-	-	25	34	-	-	-	-
California-----	2	-	2	3	1	-	71	46	-	-	-	-
Alaska-----	-	-	-	-	-	-	3	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	2	3	-	-	2	4	-	-	-	-

¹Includes cases not specified as civilian or military.

²Delayed 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 12, 1953, AND DECEMBER 11, 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 ^a		Paralytic (080.0,080.1)		Nonparalytic (080.2)		(104A)	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	5,739	4,112	85	93	337	371	139	150	90	81	4	2
NEW ENGLAND-----	1,660	77	2	4	17	26	5	9	13	5	-	-
Maine-----	90	63	-	-	2	3	-	1	2	2	-	-
New Hampshire-----	5	-	-	-	-	4	-	-	-	-	-	-
Vermont-----	69	1	-	2	-	3	-	1	-	-	-	-
Massachusetts-----	1,183	7	1	1	11	13	4	6	6	2	-	-
Rhode Island-----	35	1	-	-	-	2	-	-	-	1	-	-
Connecticut-----	278	5	1	1	4	1	1	1	2	-	-	-
MIDDLE ATLANTIC-----	1,343	677	16	18	67	64	20	12	11	7	-	-
New York-----	601	320	4	8	33	38	11	9	5	5	-	-
New Jersey-----	344	76	2	2	18	5	9	3	6	2	-	-
Pennsylvania-----	398	281	10	8	16	21	-	-	-	-	-	-
EAST NORTH CENTRAL-----	1,020	708	14	13	91	63	42	27	15	12	-	-
Ohio-----	79	89	3	3	17	12	7	3	2	3	-	-
Indiana-----	35	72	3	3	21	9	-	-	1	-	-	-
Illinois-----	298	153	3	3	19	22	14	14	2	1	-	-
Michigan-----	539	238	5	1	36	20	19	10	9	8	-	-
Wisconsin-----	69	156	-	3	8	-	2	-	1	-	-	-
WEST NORTH CENTRAL-----	334	387	4	5	24	47	12	10	5	8	-	-
Minnesota-----	188	5	-	-	6	14	5	2	-	3	-	-
Iowa-----	75	324	-	-	4	4	2	2	1	1	-	-
Missouri-----	10	5	3	2	7	13	2	4	1	2	-	-
North Dakota-----	48	33	1	1	-	4	-	-	-	-	-	-
South Dakota-----	5	9	-	-	-	1	-	-	-	-	-	-
Nebraska-----	-	8	-	-	6	4	2	2	3	2	-	-
Kansas-----	8	3	-	2	1	7	1	-	-	-	-	-
SOUTH ATLANTIC-----	238	342	18	15	34	31	15	16	12	7	4	2
Delaware-----	-	-	-	1	4	-	1	-	3	-	-	-
Maryland-----	11	76	2	-	2	7	1	5	1	2	-	-
District of Columbia-----	2	1	-	-	-	-	-	-	-	-	-	-
Virginia-----	48	23	1	4	1	4	1	4	-	-	-	1
West Virginia-----	139	95	-	-	-	7	-	3	-	1	-	-
North Carolina-----	9	56	6	5	6	2	3	2	2	-	2	-
South Carolina-----	3	19	6	1	5	3	2	-	1	1	-	-
Georgia-----	22	26	1	2	5	1	1	1	2	-	2	1
Florida-----	4	46	2	2	11	7	6	1	3	3	-	-
EAST SOUTH CENTRAL-----	104	316	10	8	13	4	4	-	1	1	-	-
Kentucky-----	24	201	1	1	7	-	4	-	1	-	-	-
Tennessee-----	44	36	1	2	3	1	-	-	-	1	-	-
Alabama-----	27	74	5	3	2	2	-	-	-	-	-	-
Mississippi-----	9	5	3	2	1	1	-	-	-	-	-	-
WEST SOUTH CENTRAL-----	309	476	10	12	21	27	10	12	7	8	-	-
Arkansas-----	21	110	2	-	-	4	-	2	-	1	-	-
Louisiana-----	3	38	3	2	3	5	2	2	1	3	-	-
Oklahoma-----	9	2	5	1	3	4	2	1	-	-	-	-
Texas-----	276	326	-	9	15	14	6	7	6	4	-	-
MOUNTAIN-----	185	419	3	4	14	17	3	6	2	3	-	-
Montana-----	1	121	-	1	3	7	-	3	1	2	-	-
Idaho-----	5	68	-	-	1	2	-	-	-	-	-	-
Wyoming-----	5	27	-	-	2	1	-	-	-	1	-	-
Colorado-----	18	45	3	2	3	2	2	2	1	-	-	-
New Mexico-----	60	21	-	-	1	-	1	-	-	-	-	-
Arizona-----	77	4	-	-	-	1	-	1	-	-	-	-
Utah-----	19	132	-	1	4	4	-	-	-	-	-	-
Nevada-----	-	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	546	710	8	14	56	92	28	58	27	30	-	-
Washington-----	109	289	1	1	8	3	4	-	3	-	-	-
Oregon-----	65	67	2	2	6	6	3	3	3	2	-	-
California-----	372	354	5	11	42	83	21	55	21	28	-	-
Alaska-----	3	154	-	1	9	-	2	-	1	-	-	-
Hawaii-----	11	2	-	-	-	3	-	3	-	-	-	-
Puerto Rico-----	103	41	-	-	14	1	14	1	-	-	-	-

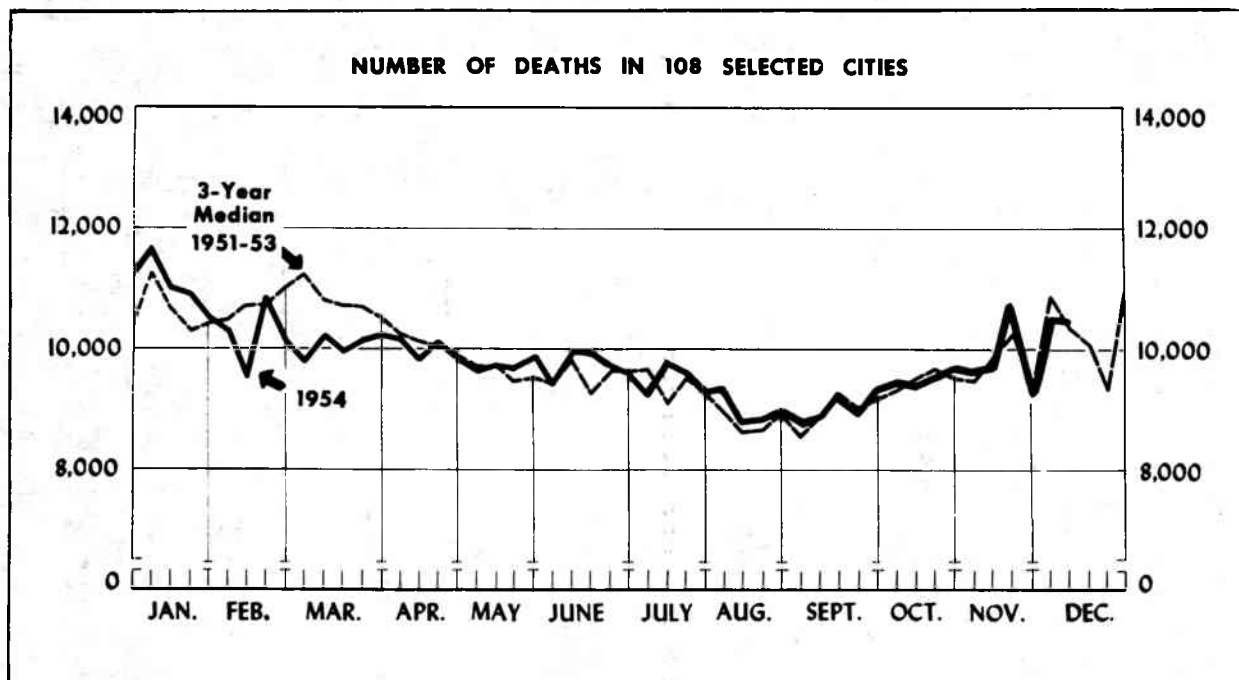
²Delayed cases.³Includes cases not specified by type, category number (080.3).

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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 DECEMBER 12, 1953, AND DECEMBER 11, 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-----	2,592	2,512	8	17	14	32	33	-	1,585	880	105	127
NEW ENGLAND-----	87	206	1	-	-	-	-	-	212	88	-	-
Maine-----	6	34	-	-	-	-	-	-	15	8	-	-
New Hampshire-----	5	9	-	-	-	-	-	-	5	-	-	-
Vermont-----	3	11	-	-	-	-	-	-	1	21	-	-
Massachusetts-----	48	78	1	-	-	-	-	-	72	43	-	-
Rhode Island-----	9	29	-	-	-	-	-	-	54	2	-	-
Connecticut-----	16	45	-	-	-	-	-	-	65	14	-	-
MIDDLE ATLANTIC-----	120	285	6	-	1	5	4	-	216	248	11	6
New York-----	60	140	5	-	-	3	1	-	78	132	10	6
New Jersey-----	20	41	1	-	-	-	1	-	56	56	-	-
Pennsylvania-----	40	104	-	-	1	2	2	-	82	60	1	-
EAST NORTH CENTRAL-----	313	445	-	1	-	3	4	-	386	209	8	14
Ohio-----	77	114	-	1	-	-	-	-	39	59	1	1
Indiana-----	41	79	-	-	-	-	2	-	26	8	4	-
Illinois-----	60	91	-	-	-	2	2	-	49	18	-	7
Michigan-----	63	76	-	-	-	1	-	-	161	69	-	4
Wisconsin-----	72	85	-	-	-	-	-	-	111	55	3	2
WEST NORTH CENTRAL-----	101	152	-	2	-	3	2	-	104	43	21	17
Minnesota-----	24	48	-	-	-	1	-	-	50	6	5	9
Iowa-----	13	33	-	1	-	1	-	-	19	20	5	-
Missouri-----	6	29	-	-	-	-	2	-	17	4	11	6
North Dakota-----	36	10	-	-	-	-	-	-	14	-	-	-
South Dakota-----	9	4	-	-	-	-	-	-	3	3	-	-
Nebraska-----	3	17	-	-	-	-	-	-	-	6	-	2
Kansas-----	10	11	-	1	-	1	-	-	1	4	-	-
SOUTH ATLANTIC-----	351	258	-	5	7	8	5	-	205	99	27	37
Delaware-----	2	2	-	-	-	-	-	-	1	-	-	-
Maryland-----	65	28	-	-	1	-	-	-	19	38	-	-
District of Columbia-----	12	4	-	-	-	-	-	-	7	1	-	-
Virginia-----	139	93	-	3	6	-	-	-	35	4	5	14
West Virginia-----	13	32	-	1	-	1	2	-	76	35	6	8
North Carolina-----	75	45	-	1	-	3	1	-	37	3	4	-
South Carolina-----	8	11	-	-	-	2	1	-	7	5	6	10
Georgia-----	27	23	-	-	-	-	1	-	18	3	6	4
Florida-----	10	20	-	-	-	2	-	-	5	10	-	1
EAST SOUTH CENTRAL-----	72	119	-	5	5	2	8	-	86	26	18	34
Kentucky-----	25	37	-	1	5	-	1	-	40	13	3	11
Tennessee-----	22	61	-	3	-	1	5	-	20	3	4	8
Alabama-----	18	14	-	-	-	1	1	-	25	5	10	11
Mississippi-----	7	7	-	1	-	-	1	-	1	5	1	4
WEST SOUTH CENTRAL-----	680	616	-	1	-	2	9	-	128	64	18	16
Arkansas-----	51	34	-	1	-	-	1	-	8	2	5	3
Louisiana-----	10	6	-	-	-	1	-	-	-	4	-	-
Oklahoma-----	14	19	-	-	-	-	2	-	8	2	1	1
Texas-----	605	557	-	-	-	1	6	-	112	56	12	12
MOUNTAIN-----	531	150	-	3	1	5	-	-	67	13	2	1
Montana-----	16	4	-	2	-	-	-	-	3	2	-	-
Idaho-----	12	13	-	-	-	-	-	-	3	4	-	-
Wyoming-----	117	14	-	1	-	-	-	-	-	-	-	-
Colorado-----	55	11	-	-	-	-	-	-	6	5	-	-
New Mexico-----	43	49	-	-	-	2	-	-	4	1	2	-
Arizona-----	255	15	-	-	1	3	-	-	41	1	-	1
Utah-----	33	41	-	-	-	-	-	-	10	-	-	-
Nevada-----	-	3	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	337	281	1	-	-	4	1	-	181	90	-	2
Washington-----	106	77	-	-	-	-	-	-	40	25	-	-
Oregon-----	57	19	-	-	-	1	1	-	16	7	-	-
California-----	174	185	1	-	-	3	-	-	125	58	-	2
Alaska-----	3	2	-	-	-	-	-	-	-	-	-	-
Hawaii-----	3	1	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	2	-	-	-	-	-	2	-	91	3	-	1



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	49th week ended Dec. 11, 1954	48th week ended Dec. 4, 1954	49th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 49 WEEKS		
					1954	1953	Percent change
TOTAL: 102 REPORTING CITIES-----	10,089	10,069	9,956	+1.3	461,804	475,910	-3.0
New England----- (13 cities)	630	673	660	-4.5	30,245	30,911	-2.2
Middle Atlantic----- (16 cities)	3,152	2,984	3,008	+4.8	138,084	143,925	-4.1
East North Central----- (18 cities)	2,252	2,218	2,294	-1.8	104,804	108,724	-3.6
West North Central----- (8 cities)	704	737	736	-4.3	34,378	35,653	-3.6
South Atlantic----- (9 cities)	754	823	782	-3.6	36,505	37,669	-3.1
East South Central----- (7 cities)	481	469	388	+24.0	20,818	21,441	-2.9
West South Central----- (12 cities)	760	868	744	+2.2	35,557	35,687	-0.4
Mountain----- (8 cities)	256	267	252	+1.6	11,116	11,737	-5.3
Pacific----- (11 cities)	1,100	1,030	1,083	+1.6	50,297	50,163	+0.3

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 11, 1954

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

CITY	49th week ended Dec. 11, 1954	48th week ended Dec. 4, 1954	CUMULATIVE NUMBER FOR FIRST 49 WEEKS		CITY	49th week ended Dec. 11, 1954	48th week ended Dec. 4, 1954	CUMULATIVE NUMBER FOR FIRST 49 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	212	228	10,724	10,971	St. Louis-----	232	262	11,321	11,754
Bridgeport-----	---	(31)	---	(1,639)	St. Paul-----	62	53	3,116	3,102
Cambridge-----	28	33	1,318	1,340	Wichita-----	23	57	2,031	1,954
Fall River-----	21	25	1,294	1,379	SOUTH ATLANTIC				
Hartford-----	53	60	2,261	2,219	Atlanta-----	97	109	5,059	5,051
Lowell-----	28	27	1,312	1,235	Baltimore-----	219	255	10,464	10,962
Lynn-----	21	16	1,040	1,082	Charlotte-----	30	34	1,447	1,395
New Bedford-----	25	17	1,096	1,131	Jacksonville-----	(49)	(65)	(2,358)	---
New Haven-----	38	51	2,066	2,136	Miami-----	38	52	2,909	2,844
Providence-----	67	66	2,950	2,945	Norfolk-----	30	38	1,395	1,546
Somerville-----	15	17	702	721	Richmond-----	77	63	3,065	3,113
Springfield, Mass.-----	41	41	1,898	1,894	Savannah-----	(30)	(32)	(1,353)	---
Waterbury-----	27	31	1,149	1,250	Tampa-----	61	69	2,552	2,557
Worcester-----	54	61	2,435	2,608	Washington, D. C.-----	162	169	8,039	8,605
MIDDLE ATLANTIC					Wilmington, Del.-----				
Albany-----	51	35	2,208	2,204	EAST SOUTH CENTRAL				
Allentown-----	(23)	(38)	(1,619)	---	Birmingham-----	79	97	3,584	3,518
Buffalo-----	181	125	6,599	6,967	Chattanooga-----	52	43	2,073	2,192
Camden-----	34	34	1,782	1,762	Knoxville-----	45	31	1,669	1,586
Elizabeth-----	24	13	1,366	1,358	Louisville-----	108	97	5,128	5,146
Erie-----	45	34	1,622	1,673	Memphis-----	108	114	4,684	5,159
Jersey City-----	72	72	3,332	3,404	Mobile-----	---	(41)	---	(1,524)
Newark, N. J.-----	142	94	4,741	5,103	Montgomery-----	41	31	1,288	1,318
New York City-----	1,648	1,610	73,898	76,969	Nashville-----	48	56	2,392	2,522
Paterson-----	39	37	1,826	1,880	WEST SOUTH CENTRAL				
Philadelphia-----	513	506	22,349	23,544	Austin-----	25	33	1,234	1,208
Pittsburgh-----	183	178	7,801	8,277	Baton Rouge-----	14	34	1,059	809
Reading-----	(28)	(17)	(893)	---	Corpus Christi-----	26	20	849	810
Rochester, N. Y.-----	94	89	4,412	4,547	Dallas-----	103	98	4,821	4,602
Schenectady-----	27	26	1,180	1,138	El Paso-----	30	20	1,280	1,399
Scranton-----	(43)	(37)	(1,653)	---	Fort Worth-----	60	69	2,725	2,723
Syracuse-----	---	(54)	---	(2,644)	Houston-----	129	140	5,854	5,975
Trenton-----	44	70	2,188	2,290	Little Rock-----	42	59	1,994	2,076
Utica-----	18	41	1,458	1,523	New Orleans-----	158	159	7,222	7,652
Yonkers-----	37	20	1,322	1,286	Oklahoma City-----	66	64	2,844	2,604
EAST NORTH CENTRAL					San Antonio-----				
Akron-----	43	49	2,603	2,751	Shreveport-----	40	55	1,899	1,921
Canton-----	26	28	1,360	1,378	Tulsa-----	---	(57)	---	(1,880)
Chicago-----	730	727	34,718	35,955	MOUNTAIN				
Cincinnati-----	169	157	6,761	7,281	Albuquerque-----	38	35	1,307	1,312
Cleveland-----	221	173	9,603	10,035	Colorado Springs-----	15	19	588	625
Columbus-----	95	99	4,879	5,040	Denver-----	121	113	4,921	5,173
Dayton-----	70	66	3,031	3,006	Gden-----	19	9	550	605
Detroit-----	293	315	14,945	15,415	Phoenix-----	18	29	1,008	1,090
Evansville-----	39	20	1,436	1,586	Pueblo-----	9	14	641	666
Flint-----	37	40	1,809	1,777	Salt Lake City-----	35	45	1,905	2,013
Fort Wayne-----	39	37	1,265	1,503	Tucson-----	1	3	196	253
Gary-----	(32)	(38)	(1,264)	---	PACIFIC				
Grand Rapids-----	51	30	1,921	1,873	Berkeley-----	16	16	849	836
Indianapolis-----	122	117	5,351	5,497	Long Beach-----	50	45	2,350	2,234
Milwaukee-----	130	160	5,887	5,935	Los Angeles-----	496	449	21,111	21,221
Peoria-----	30	25	1,437	1,500	Oakland-----	75	75	4,397	4,509
South Bend-----	16	28	1,122	1,124	Pasadena-----	48	35	1,616	1,663
Toledo-----	93	94	4,317	4,477	Portland, Oreg.-----	84	66	4,647	4,745
Youngstown-----	48	53	2,359	2,591	Sacramento-----	52	62	2,235	2,276
WEST NORTH CENTRAL					San Diego-----				
Des Moines-----	59	61	2,452	2,398	San Francisco-----	---	(201)	---	(9,040)
Duluth-----	18	19	1,264	1,309	Seattle-----	113	125	5,815	5,614
Kansas City, Kans.-----	---	---	---	(1,615)	Spokane-----	60	49	2,158	2,049
Kansas City, Mo.-----	108	108	5,683	5,871	Tacoma-----	32	22	1,619	1,583
Minneapolis-----	120	117	5,551	6,149	Honolulu-----	(28)	(39)	(1,634)	(1,551)
Omaha-----	82	60	2,960	3,116					

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

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