

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 July 3, 1954

During the first half of 1954 the numbers of reported cases of infectious encephalitis, infectious hepatitis, measles, psittacosis, and whooping cough were significantly greater (25 percent or more) than for the same period of 1953. On the other hand, diphtheria continued its downward trend, and malaria cases were nearly 50 percent below the number for the first 6 months of 1953. None of the suspect cases of smallpox have been confirmed, and meningococcal infections decreased for the first time in several years.

During the first 6 months of this year, in spite of intensive observations, there have been no reported outbreaks of influenza A or isolation of type A virus in the United States. Influenza B has caused localized outbreaks in California and the midwest in the late winter and early spring. Influenza C has been recovered from a few cases of respiratory infection, but there is no evidence that it has caused outbreaks of illness. In Puerto Rico during the late winter, a mild outbreak of influenza A occurred, and a virus similar but not identical to strains A/FW/1/50 and A/FLW/1/52 was recovered by military laboratories.

Although there was a marked increase in cases of infectious encephalitis as compared with 1953, there have been no reports to indicate that any of these were arthropod-borne types of infection. Infectious hepatitis cases reported in the first half of 1954 were about 80 percent in excess of the same period of 1953. It is possible that some of the increase is due to more complete reporting. The figures indicate that this disease is now one of major public health importance. Measles was more prevalent than in 1953, which was to be expected, because of the cyclic character of the disease. A very marked increase in the number of psittacosis cases has occurred since the first of the year. About half of the 312 cases were traced to contact with turkeys, a few to exposure to pigeons, and the remainder to psittacine birds. Reports of the disease in man have been received from 29 States since January 1, 1954. Of these, Texas reported 148 cases; California, 20; Colorado, 19; Pennsylvania, 14; New York, 13; and New Jersey, 11.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

Dr. W. R. Giedt, Washington State Department of Health, gives preliminary information on an outbreak of anthrax in animals in a city zoo. Twenty-five deaths were reported.

Psittacosis

Dr. A. J. Chesley, Minnesota Department of Health, reports the isolation of psittacosis virus from a parakeet. The bird developed progressive respiratory symptoms and was killed and sent to the State Department of Health Laboratory where the virus was isolated. The parakeet was purchased in a local department store where birds were supplied by a company in Chicago. This is the second time psittacosis virus has been isolated from a bird traced to the Chicago store. The first was reported last week in the "Morbidity and Mortality Weekly Report." No known human cases have developed from association with either of these birds.

The Alabama Department of Health reports 2 unrelated cases of psittacosis. No laboratory information was given for either

case. Both patients were in contact with wild birds outside their homes. In one instance, wild birds were the only source of contact. The patient involved buys feed and places it outside for the birds. She also cared for a sick robin found near her home. The other patient was in contact with parakeets and also with wild birds in his back yard. One parakeet, which belonged to his sister, did not appear to be sick. This bird was sold 2 months prior to onset of the brother's illness. He went shopping several days before he became ill and looked at birds in cages in a local store.

Salmonellosis

The Los Angeles County Department of Health reports an outbreak of salmonellosis in a private home. Five members of the family became ill with fever, nausea, vomiting, and diarrhea after eating a turkey dinner. No food specimens were collected, but specimens examined from the 5 patients yielded *S. oranienburg*.

Gastro-enteritis

Dr. U. P. Kokko, Kentucky Department of Health, reports on 2 outbreaks of gastro-enteritis among passengers and crew members of 2 chartered flights from Louisville. Preliminary information on one, a flight to Newark, New Jersey, was given in the "Morbidity and Mortality Weekly Report" last week. The other flight was to Seattle, in which 40 of 47 passengers and crew members became ill approximately 6½ hours after eating lunch. The symptoms in both groups were the same—nausea, vomiting, and diarrhea. In both instances, box lunches were served. They had been prepared and furnished by a local commissary. The lunches consisted of fried chicken, potato salad, pineapple salad with mayonnaise, spiced crab apple, spiced cake with icing, rolls, milk, and coffee. Three crew members on the second flight did not eat potato salad or dessert, and they did not become ill. Inspection of the commissary kitchen revealed broken screening, uncovered garbage cans, and many flies around open food. None of the food handlers had open sores or infected cuts on their hands. The laboratory examination of specimens from the remaining food, which was picked up the next day, showed general contamination including many colonies of *E. coli* and many colonies of nonhemolytic staphylococci. One colony of hemolytic coagulase positive *Staphylococcus aureus* was found in a chicken breast. An examination of the plant which supplied the chickens indicated that no conditions existed which would contribute to contamination of chickens dressed or packed at the plant.

Dr. A. L. Berkely, New York City Health Department, reports an outbreak of gastro-enteritis following a church dinner given in a neighboring restaurant. The menu consisted of shrimp cocktail, mixed green salad, chicken consomme, roast chicken, frozen mixed vegetables, rissole potatoes, ice cream, and coffee. The sponsors were unable to furnish a list of addresses, thus all the participants could not be contacted. Each guest interviewed had eaten all foods. Since an investigation of the restaurant 3 days after the meal disclosed no unsatisfactory conditions, no samples of food were taken for laboratory examination. Stool specimens collected were negative on culture.

The California Department of Public Health reports an outbreak of gastro-enteritis among approximately 40 persons who

ate at a fraternity house. Of these, 27 are known to have become ill with headache, dizziness, abdominal pain, vomiting, and diarrhea from 28 to 40 hours following the meal. The dishes served were ham, turkey, potato salad, and macaroni and shrimp salad. The suspected vehicle of infection was the potato salad which was made and left unrefrigerated for about 17 hours before being served. Apparently none of this salad was available for bacteriological examination. A sample of mayonnaise used in its preparation yielded no pathogens. The one foodhandler, a cook, had no history of a recent illness and stool specimens collected were found to be negative. No specimens were collected from the patients.

Dr. S. B. Osgood, Oregon State Board of Health, reports a case of food poisoning in one member of a family of 4 persons. All 4 ate hamburgers for an evening meal, but only the victim ate custard pie. The patient became ill with vomiting, diarrhea, chills, and cold sweat 2½ hours later. Laboratory examination of the remainder of the pie revealed coagulase positive hemolytic *Staphylococcus aureus*. The pie had been made by a bakery in another city and was delivered by truck, on the day of the incident, to a local grocery store. It is not known whether the pie was refrigerated prior to the time it was sent to the laboratory nor whether any illness has resulted from other pies of the same batch.

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	26th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 3, 1954	Ended July 4, 1953	Median 1949-53	First 26 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	12	20	24	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	13	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	34	38	---	795	827	---	(1)	(1)	(1)	(1)
Diphtheria-----055	19	20	51	872	1,052	1,970	2,237	2,723	4,996	July 1
Encephalitis, infectious-----082	38	29	22	768	520	446	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	843	498	---	30,937	17,391	---	(1)	(1)	(1)	(1)
Malaria-----110-117	15	59	---	241	519	---	(1)	(1)	(1)	(1)
Measles-----085	14,773	7,250	7,940	585,994	388,584	437,666	622,086	420,018	467,056	Sept. 1
Meningococcal infections-----057	51	56	59	2,611	3,300	2,447	3,933	4,575	3,526	Sept. 1
Polio myelitis-----080	565	625	481	24,703	4,676	3,182	23,151	3,095	2,177	Apr. 1
Psittacosis-----096.2	313	3	---	312	21	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	3	3	3	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	9	15	21	109	129	131	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,816	1,244	652	101,941	95,066	56,060	136,575	131,654	79,266	Aug. 1
Smallpox-----084	-	-	-	-	5	13	(1)	(1)	(1)	(1)
Trichiniasis-----128	10	80	---	148	221	---	(1)	(1)	(1)	(1)
Tularemia-----059	13	7	9	311	280	349	(1)	(1)	(1)	(1)
Typhoid fever-----040	32	61	59	862	888	944	453	583	541	Apr. 1
Typhus fever, endemic-----101	8	5	---	84	103	---	50	63	---	Apr. 1
Whooping cough-----056	1,002	680	1,241	428,323	16,991	27,471	438,080	24,848	41,593	Oct. 1
Rabies in animals-----	117	96	---	4,136	4,033	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.

²Deductions: Indiana and Georgia, week ended June 26, 1 and 2 cases, respectively.

³Alabama, Colorado, Illinois, Missouri, and Pennsylvania, 1 case each; California and North Carolina, 2 cases each; Washington, 3 cases.

⁴Deduction: Arkansas, week ended February 6, 25 cases.

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 JULY 4, 1953, AND JULY 3, 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-----	34	38	19	20	38	29	843	498	9	23	6	36
NEW ENGLAND-----	1	1	-	1	2	-	42	33	1	2	-	-
Maine-----	-	-	-	-	-	-	8	8	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	-	-
Vermont-----	1	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	-	1	2	-	23	18	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	7	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	4	7	1	1	-	-
MIDDLE ATLANTIC-----	3	-	3	3	12	19	208	60	-	-	-	2
New York-----	3	-	2	1	9	17	159	54	-	-	-	1
New Jersey-----	-	-	-	1	3	2	9	-	-	-	-	1
Pennsylvania-----	-	-	1	1	-	-	40	6	-	-	-	-
EAST NORTH CENTRAL-----	5	18	2	-	8	1	164	74	-	-	1	-
Ohio-----	-	-	-	-	-	-	32	13	-	-	-	-
Indiana-----	-	-	1	-	1	-	10	11	-	-	-	-
Illinois-----	3	8	1	-	-	1	38	20	-	-	-	-
Michigan-----	-	3	-	-	7	-	66	24	-	-	1	-
Wisconsin-----	2	7	-	-	-	-	18	6	-	-	-	-
WEST NORTH CENTRAL-----	10	10	1	2	1	2	143	73	4	2	-	-
Minnesota-----	3	1	-	-	-	-	35	18	1	-	-	-
Iowa-----	5	9	-	-	-	-	84	28	-	2	-	-
Missouri-----	1	-	1	2	1	1	13	7	-	-	-	-
North Dakota-----	-	-	-	-	-	1	1	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	1	2	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	6	-	-	-	-
Kansas-----	1	-	-	-	-	-	9	8	3	-	-	-
SOUTH ATLANTIC-----	1	4	4	9	3	4	66	83	-	-	4	5
Delaware-----	-	-	-	-	-	-	5	1	-	-	-	-
Maryland-----	-	-	-	-	-	-	12	11	-	-	-	1
District of Columbia-----	-	-	-	-	-	-	1	1	-	-	-	-
Virginia-----	-	-	-	-	2	1	20	46	-	-	-	3
West Virginia-----	-	1	-	-	-	-	4	9	-	-	-	-
North Carolina-----	-	1	-	4	1	2	13	9	-	-	4	-
South Carolina-----	-	-	1	3	-	-	3	2	-	-	-	-
Georgia-----	-	2	2	-	-	1	-	1	-	-	-	1
Florida-----	1	-	1	2	-	-	8	3	-	-	-	-
EAST SOUTH CENTRAL-----	4	-	2	1	1	2	31	45	-	3	-	-
Kentucky-----	-	-	-	-	-	-	8	4	-	-	-	-
Tennessee-----	-	-	-	-	1	2	7	13	-	-	-	-
Alabama-----	1	-	1	-	-	-	7	9	-	-	-	-
Mississippi-----	3	-	1	1	-	-	9	19	-	3	-	-
WEST SOUTH CENTRAL-----	4	2	5	1	1	1	89	57	2	15	-	1
Arkansas-----	1	1	-	-	-	-	2	-	-	2	-	1
Louisiana-----	-	-	-	-	-	-	12	-	-	-	-	-
Oklahoma-----	1	1	1	-	1	-	3	8	-	5	-	-
Texas-----	2	-	4	1	-	1	72	49	2	8	-	-
MOUNTAIN-----	6	-	1	1	1	-	31	13	-	1	-	-
Montana-----	1	-	-	-	1	-	-	-	-	-	-	-
Idaho-----	1	-	-	-	-	-	7	4	-	1	-	-
Wyoming-----	-	-	1	-	-	-	3	1	-	-	-	-
Colorado-----	2	-	-	-	-	-	8	4	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	9	1	-	-	-	-
Utah-----	2	-	1	-	-	-	2	3	-	-	-	-
Nevada-----	-	-	-	-	-	-	1	-	-	-	-	-
PACIFIC-----	-	3	1	2	9	-	69	60	2	-	1	28
Washington-----	-	-	-	-	-	-	24	9	-	-	1	11
Oregon-----	-	1	1	-	-	-	18	25	1	-	-	-
California-----	-	2	-	2	9	-	27	26	1	-	-	17
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	9	6	-	-	-	-	1	-	1	5

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 JULY 4, 1953, AND JULY 3, 1954—Continued

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

AREA	MEASLES		MENINGO- COCCAL 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-----	14,773	7,250	51	56	565	625	227	205	167	166	9	15
NEW ENGLAND-----	1,490	95	2	4	13	19	5	7	7	7	-	-
Maine-----	62	25	-	-	2	3	-	-	1	2	-	-
New Hampshire-----	27	-	-	1	-	-	-	-	-	-	-	-
Vermont-----	42	1	-	1	-	1	-	-	-	-	-	-
Massachusetts-----	1,073	44	1	1	5	8	2	6	3	-	-	-
Rhode Island-----	105	3	-	-	-	1	-	-	-	1	-	-
Connecticut-----	181	22	1	1	6	6	3	-	3	4	-	-
MIDDLE ATLANTIC-----	5,446	657	9	10	35	57	10	10	10	5	-	3
New York-----	3,099	326	4	7	23	50	6	10	8	3	-	1
New Jersey-----	1,426	109	3	1	6	4	4	-	2	2	-	1
Pennsylvania-----	921	222	2	2	6	3	-	-	-	-	-	1
EAST NORTH CENTRAL-----	2,805	1,938	10	11	70	88	26	30	14	17	-	2
Ohio-----	747	209	1	3	20	23	3	7	2	3	-	-
Indiana-----	278	141	1	1	9	13	5	-	1	-	-	1
Illinois-----	614	414	5	5	14	21	7	9	-	3	-	1
Michigan-----	733	587	2	2	24	29	10	14	11	11	-	-
Wisconsin-----	433	587	1	-	3	2	1	-	-	-	-	-
WEST NORTH CENTRAL-----	516	390	2	2	63	71	24	24	21	25	-	1
Minnesota-----	95	33	-	1	10	24	2	13	5	10	-	-
Iowa-----	231	173	-	-	13	16	5	5	4	9	-	1
Missouri-----	43	30	1	-	7	8	3	-	2	2	-	-
North Dakota-----	100	37	-	-	3	1	-	-	-	-	-	-
South Dakota-----	18	8	-	-	-	1	-	-	-	1	-	-
Nebraska-----	11	12	-	-	14	11	8	6	5	3	-	-
Kansas-----	18	97	1	1	16	10	6	-	5	-	-	-
SOUTH ATLANTIC-----	1,055	390	9	11	92	108	31	38	24	25	2	7
Delaware-----	34	10	1	-	1	3	1	-	-	-	-	-
Maryland-----	190	45	1	-	-	4	-	4	-	-	1	1
District of Columbia-----	17	2	-	-	-	2	-	-	-	2	-	-
Virginia-----	269	75	-	4	5	13	2	9	3	4	-	4
West Virginia-----	124	67	1	-	3	4	1	3	1	-	-	-
North Carolina-----	97	82	1	2	10	37	3	19	2	14	-	2
South Carolina-----	26	20	2	-	9	7	1	1	2	-	1	-
Georgia-----	135	46	3	3	24	19	8	-	3	2	-	-
Florida-----	163	43	-	2	40	19	15	2	13	3	-	-
EAST SOUTH CENTRAL-----	234	91	3	4	28	64	5	19	4	17	2	1
Kentucky-----	26	12	2	2	6	12	2	3	3	4	-	1
Tennessee-----	152	27	-	-	6	14	-	5	-	2	2	-
Alabama-----	42	24	1	1	6	22	-	11	-	11	-	-
Mississippi-----	14	28	-	1	10	16	3	-	1	-	-	-
WEST SOUTH CENTRAL-----	1,098	1,031	7	5	146	153	63	47	49	55	1	-
Arkansas-----	24	36	1	1	11	13	6	7	4	6	-	-
Louisiana-----	18	13	2	2	18	18	12	7	6	11	-	-
Oklahoma-----	112	65	-	-	13	41	3	16	2	12	1	-
Texas-----	944	917	4	2	104	81	42	17	37	26	-	-
MOUNTAIN-----	437	510	3	2	37	14	13	-	10	-	4	1
Montana-----	90	73	1	-	1	-	-	-	-	-	1	-
Idaho-----	22	70	-	1	-	1	-	-	-	-	1	-
Wyoming-----	1	41	-	-	12	-	4	-	7	-	2	-
Colorado-----	41	159	2	1	8	6	5	-	2	-	-	-
New Mexico-----	26	31	-	-	3	2	1	-	-	-	-	-
Arizona-----	153	53	-	-	6	1	3	-	1	-	-	-
Utah-----	101	74	-	-	6	4	-	-	-	-	-	1
Nevada-----	3	9	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	1,692	2,148	6	7	81	51	50	30	28	15	-	-
Washington-----	250	384	-	1	3	6	1	-	1	-	-	-
Oregon-----	79	201	1	-	2	2	1	1	1	1	-	-
California-----	1,363	1,563	5	6	76	43	48	29	26	14	-	-
Alaska-----	3	25	-	-	2	-	1	-	1	-	-	-
Hawaii-----	22	3	-	-	10	-	9	-	1	-	-	-
Puerto Rico-----	70	43	-	-	-	-	-	-	-	-	-	-

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

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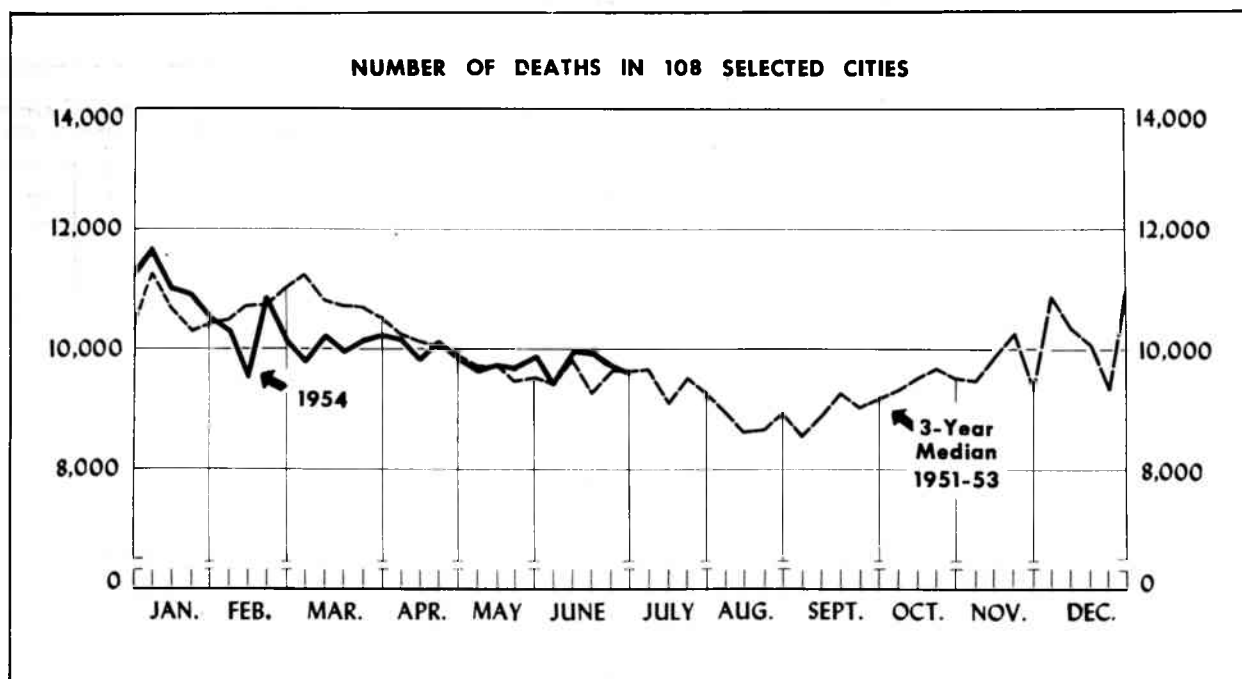
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 4, 1953, AND JULY 3, 1954--Continued

(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)		TRICH- INIASIS (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-----	1,816	1,244	10	13	7	32	61	8	1,002	680	117	96
NEW ENGLAND-----	98	84	1	-	-	-	2	-	50	47	-	-
Maine-----	10	33	-	-	-	-	1	-	6	3	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	4	-	-
Vermont-----	1	2	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	68	28	1	-	-	-	-	-	26	32	-	-
Rhode Island-----	2	3	-	-	-	-	-	-	4	2	-	-
Connecticut-----	17	17	-	-	-	-	1	-	14	6	-	-
MIDDLE ATLANTIC-----	170	162	3	-	-	6	1	1	208	204	8	10
New York-----	125	119	1	-	-	1	-	1	111	146	8	9
New Jersey-----	15	24	-	-	-	-	-	-	37	22	-	-
Pennsylvania-----	30	19	2	-	-	5	1	-	60	36	-	1
EAST NORTH CENTRAL-----	128	124	-	-	-	4	4	-	160	112	21	17
Ohio-----	16	25	-	-	-	3	3	-	29	18	3	1
Indiana-----	17	9	-	-	-	-	-	-	15	8	11	12
Illinois-----	8	18	-	-	-	-	1	-	20	6	2	1
Michigan-----	58	36	-	-	-	1	-	-	79	63	4	3
Wisconsin-----	29	36	-	-	-	-	-	-	17	17	1	-
WEST NORTH CENTRAL-----	54	25	4	-	-	1	5	-	125	12	16	8
Minnesota-----	17	5	4	-	-	-	1	-	13	1	6	3
Iowa-----	6	4	-	-	-	-	1	-	5	4	2	-
Missouri-----	21	6	-	-	-	1	1	-	100	3	8	5
North Dakota-----	3	3	-	-	-	-	-	-	-	-	-	-
South Dakota-----	2	-	-	-	-	-	-	-	2	-	-	-
Nebraska-----	2	6	-	-	-	-	2	-	-	-	-	-
Kansas-----	3	1	-	-	-	-	-	-	5	4	-	-
SOUTH ATLANTIC-----	104	105	-	3	1	4	19	3	82	74	22	1
Delaware-----	-	1	-	-	-	-	-	-	-	2	-	-
Maryland-----	17	18	-	-	-	-	-	-	21	20	-	-
District of Columbia-----	3	4	-	-	-	-	-	-	-	5	-	-
Virginia-----	47	54	-	-	-	-	-	-	24	24	2	10
West Virginia-----	8	14	-	-	-	2	8	-	16	12	9	3
North Carolina-----	12	8	-	1	-	-	1	-	9	6	5	2
South Carolina-----	4	3	-	-	-	1	9	2	1	2	3	-
Georgia-----	7	-	-	2	1	-	-	-	4	1	1	3
Florida-----	6	3	-	-	-	1	1	1	7	2	2	1
EAST SOUTH CENTRAL-----	26	32	-	-	-	5	8	1	27	36	8	25
Kentucky-----	14	12	-	-	-	1	3	-	14	12	1	4
Tennessee-----	8	13	-	-	-	2	3	-	5	5	3	-
Alabama-----	1	7	-	-	-	2	1	-	8	3	4	12
Mississippi-----	3	-	-	-	-	-	1	1	-	16	-	9
WEST SOUTH CENTRAL-----	721	424	-	10	1	9	15	3	133	97	32	15
Arkansas-----	30	20	-	1	-	4	5	-	14	13	3	4
Louisiana-----	2	2	-	-	-	-	-	-	4	-	8	-
Oklahoma-----	8	2	-	-	-	-	1	-	4	6	4	-
Texas-----	681	400	-	9	1	5	9	3	111	78	17	11
MOUNTAIN-----	330	91	-	-	4	1	3	-	81	33	8	1
Montana-----	1	2	-	-	-	-	-	-	8	3	-	-
Idaho-----	5	7	-	-	-	1	2	-	7	5	-	-
Wyoming-----	8	42	-	-	-	-	-	-	3	6	-	-
Colorado-----	72	12	-	-	1	-	-	-	18	2	-	-
New Mexico-----	11	3	-	-	-	-	-	-	7	15	8	-
Arizona-----	206	8	-	-	-	-	1	-	11	2	-	1
Utah-----	27	16	-	-	3	-	-	-	26	-	-	-
Nevada-----	-	1	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	185	197	2	-	1	2	4	-	136	65	2	1
Washington-----	16	17	-	-	-	-	2	-	15	6	-	-
Oregon-----	16	24	-	-	-	-	1	-	15	48	-	-
California-----	153	156	2	-	1	2	1	-	106	11	2	1
Alaska-----	1	1	-	-	-	-	-	-	-	1	-	-
Hawaii-----	-	1	-	-	-	-	-	-	8	8	-	-
Puerto Rico-----	-	-	-	-	-	2	-	-	42	8	3	3

Report for May.



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	26th week ended July 3, 1954	25th week ended June 26, 1954	26th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 26 WEEKS		
					1954	1953	Percent change
TOTAL: 103 REPORTING CITIES-----	9,095	9,104	9,046	+0.5	246,362	257,307	-4.3
New England----- (14 cities)	606	669	634	-4.4	17,592	18,025	-2.4
Middle Atlantic----- (16 cities)	2,669	2,718	2,880	-7.3	75,506	79,270	-4.7
East North Central----- (17 cities)	2,009	2,161	2,053	-2.1	56,418	58,518	-3.6
West North Central----- (8 cities)	810	730	674	+20.2	18,542	20,121	-7.8
South Atlantic----- (9 cities)	687	684	724	-5.1	19,993	21,003	-4.8
East South Central----- (7 cities)	436	385	383	+13.8	11,169	11,729	-4.8
West South Central----- (13 cities)	872	734	790	+10.4	20,082	20,858	-3.7
Mountain----- (8 cities)	228	215	217	+5.1	6,026	6,594	-8.6
Pacific----- (11 cities)	778	808	686	+13.4	21,034	21,189	-0.7

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 3, 1954

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

CITY	26th week ended July 3, 1954	25th week ended June 26, 1954	CUMULATIVE NUMBER FOR FIRST 26 WEEKS		CITY	26th week ended July 3, 1954	25th week ended June 26, 1954	CUMULATIVE NUMBER FOR FIRST 26 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	188	232	5,869	6,088	St. Louis-----	263	227	6,032	6,672
Bridgeport-----	29	29	928	869	St. Paul-----	59	69	1,722	1,700
Cambridge-----	23	33	758	757	Wichita-----	53	47	1,079	1,108
Fall River-----	25	32	759	750	SOUTH ATLANTIC				
Hartford-----	49	47	1,208	1,214	Atlanta-----	107	98	2,725	2,800
Lowell-----	18	24	744	685	Baltimore-----	196	184	5,698	6,119
Lynn-----	25	20	572	577	Charlotte-----	37	22	801	762
New Bedford-----	23	30	595	630	Jacksonville-----	(63)	(35)	(1,301)	---
New Haven-----	50	39	1,175	1,172	Miami-----	46	47	1,701	1,615
Providence-----	53	48	1,585	1,612	Norfolk-----	32	25	781	842
Somerville-----	10	21	383	414	Richmond-----	48	63	1,648	1,733
Springfield, Mass.-----	45	36	1,046	1,049	Savannah-----	(29)	(23)	(740)	---
Waterbury-----	16	24	648	701	Tampa-----	52	45	1,438	1,467
Worcester-----	52	54	1,322	1,507	Washington, D. C.-----	147	169	4,361	4,779
MIDDLE ATLANTIC					Wilmington, Del.-----	22	31	840	886
Albany-----	27	40	1,162	1,194	EAST SOUTH CENTRAL				
Allentown-----	(35)	(28)	(880)	---	Birmingham-----	90	75	1,997	1,895
Buffalo-----	152	108	3,676	3,836	Chattanooga-----	43	45	1,153	1,273
Camden-----	31	51	966	945	Knoxville-----	---	(32)	---	(871)
Elizabeth-----	17	20	703	770	Louisville-----	126	123	2,832	2,837
Erie-----	35	44	904	927	Memphis-----	71	66	2,430	2,777
Jersey City-----	---	(49)	---	(1,862)	Mobile-----	31	25	808	825
Newark, N. J.-----	91	59	2,580	2,818	Montgomery-----	22	14	655	726
New York City-----	1,419	1,454	40,719	42,851	Nashville-----	53	37	1,294	1,396
Paterson-----	34	37	1,014	1,046	WEST SOUTH CENTRAL				
Philadelphia-----	441	511	12,290	12,862	Austin-----	36	20	662	673
Pittsburgh-----	155	138	4,256	4,610	Baton Rouge-----	31	25	584	374
Reading-----	(25)	(26)	(545)	---	Corpus Christi-----	23	15	430	476
Rochester, N. Y.-----	78	80	2,440	2,543	Dallas-----	110	101	2,547	2,535
Schenectady-----	24	39	630	640	El Paso-----	31	28	727	772
Scranton-----	(34)	(25)	(906)	---	Fort Worth-----	59	55	1,385	1,564
Syracuse-----	60	53	1,444	1,402	Houston-----	142	111	3,215	3,266
Trenton-----	49	34	1,210	1,296	Little Rock-----	72	45	1,082	1,183
Utica-----	30	25	804	834	New Orleans-----	161	147	3,866	4,218
Yonkers-----	26	25	708	696	Oklahoma City-----	63	55	1,512	1,503
EAST NORTH CENTRAL					San Antonio-----	72	65	2,012	2,189
Akron-----	---	(45)	---	(1,551)	Shreveport-----	33	31	963	1,087
Canton-----	26	25	758	734	Tulsa-----	39	36	1,097	1,018
Chicago-----	659	810	19,352	20,113	MOUNTAIN				
Cincinnati-----	171	139	3,681	3,889	Albuquerque-----	21	31	682	706
Cleveland-----	206	195	5,333	5,499	Colorado Springs-----	11	9	323	363
Columbus-----	97	105	2,684	2,794	Denver-----	101	100	2,703	2,933
Dayton-----	53	45	1,661	1,662	Ogden-----	4	7	261	322
Detroit-----	301	294	8,202	8,480	Phoenix-----	23	14	565	618
Evansville-----	31	31	810	894	Pueblo-----	18	12	342	356
Flint-----	36	44	998	983	Salt Lake City-----	48	38	1,048	1,159
Fort Wayne-----	26	25	684	798	Tucson-----	2	4	102	137
Gary-----	---	(26)	---	---	PACIFIC				
Grand Rapids-----	36	41	1,043	1,031	Berkeley-----	18	12	462	453
Indianapolis-----	96	109	2,947	3,020	Long Beach-----	41	48	1,282	1,260
Milwaukee-----	97	122	3,233	3,293	Los Angeles-----	¹ (752)	---	(11,565)	(11,843)
Peoria-----	31	27	797	826	Oakland-----	75	90	2,462	2,559
South Bend-----	18	27	612	641	Pasadena-----	38	38	885	906
Toledo-----	82	72	2,338	2,445	Portland, Oreg.-----	97	111	² 2,616	2,704
Youngstown-----	43	50	1,285	1,416	Sacramento-----	51	64	1,241	1,262
WEST NORTH CENTRAL					San Diego-----	76	73	1,935	1,888
Des Moines-----	49	58	1,289	1,318	San Francisco-----	188	189	4,873	5,104
Duluth-----	37	23	701	704	Seattle-----	125	112	3,196	3,066
Kansas City, Kans.-----	---	(33)	---	(907)	Spokane-----	47	45	1,184	1,096
Kansas City, Mo.-----	164	133	3,060	3,343	Tacoma-----	22	26	898	891
Minneapolis-----	107	107	3,057	3,475	Honolulu-----	---	(35)	(890)	(826)
Omaha-----	78	66	1,602	1,801					

¹Reported for 2 weeks ended July 3.

²Correction of figure for week ended June 12: 238 should be 111.

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

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