

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 June 12, 1954

The 314 cases of poliomyelitis reported for the current week exclude Kansas from which no report was received. This State reported only 1 case for the previous week. The total for the current week is a little more than the 303 cases reported for the corresponding week of 1953. Eight States reporting 10 or more cases this week are as follows: Texas, 80; California, 56 (includes report from Los Angeles city for 2 weeks); Florida, 16; Georgia, 13; Ohio, 13; Louisiana, 12; Oklahoma, 11; and Michigan, 10.

The cumulative number of cases of meningococcal infections for the year to date is 2,400. This number is less than the figures for the corresponding periods of both 1952 and 1953, when 2,783 and 3,077 cases, respectively, were reported.

EPIDEMIOLOGICAL REPORTS

Rabies in man

Dr. L. E. Starr, Veterinarian, Georgia Department of Public Health, gives epidemiological information on the case of human rabies reported for the last week in May. The patient, a 4-year-old child, died on May 20. An autopsy was performed and brain tissue was given the customary laboratory examination. The brain was negative upon direct microscopic examination for Negri bodies, but was positive in mice which had been given an intercerebral inoculation of suspension of brain material. According to the parents, the child had been bitten on the ear approximately 2 months prior to the onset of illness. Rabies in dogs is known to have been prevalent in the immediate area prior to and concurrent with the reported exposure. Because of contradictions and irregularities, there is a question as to the exact method or time of exposure.

Respiratory disease

Dr. Warren Winkelstein, County Health Officer in New York State, reports an outbreak of a respiratory illness among 308 pupils in a school. Of these, 50 developed symptoms with sudden onset, severe headache, malaise, prostration, fever, sore throat, and occasionally, neck ache and backache. Coryza was the last symptom to appear. The duration of the illness was 3 to 4 days. Results of throat washings and serological tests for influenza have not yet been received.

Suspect smallpox

Dr. L. E. Burney, Indiana Department of Health, reports a case suspected of being smallpox. The case is in a 7-year-old girl who had an exanthematous disease 4 weeks ago. This was presumed to be chickenpox and the present distribution of lesions resembles that of chickenpox. Smallpox was suspected because of medical history, but laboratory work has been initiated in order to clarify the diagnosis.

Blastomycosis

Dr. Mason Romaine, Virginia Department of Health, reports a case of blastomycosis in a 67-year-old man. The first symptoms appeared in February of this year. During the following 2½ months, he developed more and more cutaneous lesions. On admission to a hospital he had numerous crusted, verrucous

plaques on his body, including scalp, face, arms, and legs. Nothing is known about the epidemiological aspect of the case, and where the initial infection occurred is unknown. A blood specimen showed positive reaction in a dilution of 1:8.

Infectious hepatitis

Dr. A. C. Fleck, County Health Officer in New York State, reports 2 small outbreaks of infectious hepatitis—one in a school and the other in an institution. In a one-room school, 10 of 21 students developed a gastro-intestinal syndrome. Five had jaundice, but all 10 were considered to have infectious hepatitis. All students in the school used a common wash basin and this may have been the mode of spread. The water supply was regarded as safe. Gamma globulin was given to the 11 other children and to about half of the family contacts, and no further cases have occurred. In the institution, 7 cases occurred in 4 dormitories housing 500 persons. An additional 14 persons were suspected of having the disease. These had gastro-intestinal symptoms but no jaundice or hepatomegaly. The local health officer was not informed of the outbreak until it was considered over. However, gamma globulin was given to residents of 2 dormitories.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, reports a case of psittacosis in a 16-year-old person. The symptoms were persistent cough, fever, and pneumonic process in lung. The complement fixation test on a blood specimen was positive for psittacosis in a dilution of 1:128. The laboratory examination of a parakeet to which this patient was exposed is not yet complete.

Water-borne gastro-enteritis

Dr. R. H. Hutcheson, Tennessee Department of Public Health, reports an explosive outbreak of gastro-enteritis which occurred throughout a small town of less than 2,000 inhabitants. A total of 180 cases was reported over a 6-day period. No illness occurred among persons using other than the city water supply. The only common source was the water which was turbid following heavy rains. The incubation period was given as between 36 and 48 hours. Results of laboratory tests were negative.

Gastro-enteritis

Dr. S. B. Osgood, Oregon State Board of Health, reports that 2 persons became ill about 4½ hours after eating liver sausage. The symptoms were nausea, vomiting, diarrhea, and shock. The meat had been purchased from a local meat market where the sausage was made. No illnesses were reported among the several other persons who also purchased some of the liver sausage. The clerk at the market showed no unusual respiratory infection or lesions on his hands. Bacteriological examination of the liver sausage revealed the presence of coagulase positive hemolytic *Staphylococcus aureus*.

The Los Angeles County Health Department reports an outbreak of gastro-enteritis which affected 5 persons in one family. The patients became ill with nausea, vomiting, and diarrhea about 3 hours after their evening meal. This meal consisted of beef and pork loaf, lettuce, tomato, hard boiled

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egg, cucumber salad, and cake. The cucumber salad included chopped boiled eggs, vegetables, and mayonnaise. Laboratory examination of a specimen of the cucumber salad showed Beta hemolytic staphylococci.

The California Department of Public Health reports 2 outbreaks of gastro-enteritis among persons in labor camps. In the first outbreak, 74 of 75 persons became ill with vomiting, cramps, and diarrhea. Since the first case was reported at 8 p.m., it is possible that food eaten either at lunch or at the evening meal was responsible. Lunch, eaten at noon, consisted of hamburger, bologna, beans, cheese, tortillas. Each man made up his own lunch at breakfast time and carried it to the field. These lunches were left either on trucks or in the field until eaten at noon. Apparently none of this food was available for laboratory examination. The evening meal, served at 6:00 p.m., consisted of beans, Spanish rice, fried liver, and tortillas.

The beans were of the same batch as cooked the evening before and stored in a domestic type refrigerator. Specimens of foods served at the evening meal were submitted for laboratory examination and various organisms, including staphylococci, were found.

The second outbreak of gastro-enteritis was among 252 laborers in a camp in California. Of these, 33 became ill from 3½ to 9½ hours after eating lunch. Each workman prepared his own lunch during the breakfast hour. "Taco" sandwiches were made by filling folded tortillas with fried beans or chili con carne or both. The food was prepared the evening before and placed in a walk-in refrigerator. The lunches were kept unrefrigerated about 6 hours in the field. All patients were free of symptoms at the time of investigation and no stool specimens were collected. No food was available 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	23d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 12, 1954	Ended June 13, 1953	Median 1949-53	First 23 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	1 ¹	-	1	10	20	20	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	6	13	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	36	28	---	690	710	---	(²)	(²)	(²)	(²)
Diphtheria-----055	32	25	53	803	958	1,820	2,168	2,629	4,846	July 1
Encephalitis, infectious-----082	52	24	20	647	455	394	(²)	(²)	(²)	(²)
Hepatitis, infectious, and serum-----092,N998.5 pt.	982	632	---	³ 28,201	15,655	---	(²)	(²)	(²)	(²)
Malaria-----110-117	12	24	---	⁴ 191	321	---	(²)	(²)	(²)	(²)
Measles-----085	28,811	16,169	16,813	⁵ 526,860	356,727	401,759	⁵ 562,952	388,161	431,149	Sept. 1
Meningococcal infections-----057	79	84	75	2,400	3,077	2,266	3,722	4,352	3,345	Sept. 1
Poliomyelitis-----080	314	303	243	⁶ 3,227	3,119	2,218	⁶ 1,675	1,538	1,010	Apr. 1
Psittacosis-----096.2	7 ¹¹	-	---	281	18	---	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	2	3	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	10	19	19	80	83	84	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	2,510	2,571	1,279	⁸ 95,723	89,855	54,080	⁸ 130,357	126,443	77,286	Aug. 1
Smallpox-----084	-	-	1	-	5	11	(²)	(²)	(²)	(²)
Trichinosis-----128	4	6	---	128	129	---	(²)	(²)	(²)	(²)
Tularemia-----059	14	12	14	269	242	315	(²)	(²)	(²)	(²)
Typhoid fever-----040	48	63	57	⁹ 739	701	747	⁹ 330	396	344	Apr. 1
Typhus fever, endemic-----101	4	8	---	¹⁰ 72	83	---	¹⁰ 38	43	---	Apr. 1
Whooping cough-----056	1,081	714	1,216	24,675	14,811	24,998	34,432	22,668	39,262	Oct. 1
Rabies in animals-----	125	143	---	3,808	3,720	---	(²)	(²)	(²)	(²)

¹Reported in Pennsylvania.²Information not available or frequencies are too small.³Deductions: Mississippi, week ended May 22, 2 cases; North Carolina, week ended May 8, 1 case.⁴Deduction: Indiana, week ended May 29, 3 cases.⁵Addition: North Carolina, week ended April 17, 1 case.⁶Deductions: Arkansas, week ended May 29, 1 case; Indiana, week ended January 23, 1 case.⁷California, Colorado, Illinois, Iowa, Minnesota, Pennsylvania, and Texas, 1 case each; New Jersey and Ohio, 2 cases each.⁸Deduction: North Carolina, week ended April 17, 1 case.⁹Deduction: North Carolina, week ended March 6, 1 case.¹⁰Deduction: Georgia, week ended May 29, 1 case.

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

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 JUNE 13, 1953, AND JUNE 12, 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-----	36	28	32	25	52	24	982	632	6	13	6	11
NEW ENGLAND-----	1	3	-	1	-	4	49	42	-	-	1	1
Maine-----	-	-	-	-	-	-	24	7	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	-	-	-	2	-	-	-	-	-	-
Massachusetts-----	-	1	-	1	-	1	20	24	-	-	1	1
Rhode Island-----	-	1	-	-	-	-	3	1	-	-	-	-
Connecticut-----	1	1	-	-	-	1	2	8	-	-	-	-
MIDDLE ATLANTIC-----	-	2	2	4	10	11	211	109	1	1	-	2
New York-----	-	1	1	4	8	10	155	87	1	1	-	2
New Jersey-----	-	1	1	-	2	1	15	-	-	-	-	-
Pennsylvania-----	-	-	-	-	-	-	41	22	-	-	-	-
EAST NORTH CENTRAL-----	8	3	1	3	4	1	195	103	-	-	-	1
Ohio-----	-	-	1	-	-	-	26	24	-	-	-	-
Indiana-----	-	-	-	3	-	-	21	26	-	-	-	-
Illinois-----	3	-	-	-	-	-	89	16	-	-	-	1
Michigan-----	2	-	-	-	4	1	44	31	-	-	-	-
Wisconsin-----	3	3	-	-	-	-	15	6	-	-	-	-
WEST NORTH CENTRAL-----	14	9	5	-	5	-	144	60	-	2	-	-
Minnesota-----	8	3	3	-	-	-	59	11	-	2	-	-
Iowa-----	4	6	-	-	2	-	62	26	-	-	-	-
Missouri-----	1	-	-	-	-	-	7	13	-	-	-	-
North Dakota-----	-	-	-	-	1	-	9	4	-	-	-	-
South Dakota-----	-	-	1	-	2	-	-	-	-	-	-	-
Nebraska-----	1	-	1	-	-	-	7	-	-	-	-	-
Kansas-----	-	-	-	-	-	-	-	6	-	-	-	-
SOUTH ATLANTIC-----	5	2	9	13	5	1	120	80	-	-	2	4
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	2	-	3	-	17	26	-	-	-	-
District of Columbia-----	-	-	-	-	-	1	1	1	-	-	-	-
Virginia-----	-	2	-	2	-	-	60	39	-	-	-	2
West Virginia-----	1	-	1	-	-	-	16	7	-	-	-	-
North Carolina-----	-	-	4	1	1	-	22	-	-	-	1	-
South Carolina-----	-	-	-	3	-	-	-	-	-	-	1	-
Georgia-----	4	-	1	1	-	-	-	-	-	-	-	2
Florida-----	-	-	1	6	1	-	4	7	-	-	-	-
EAST SOUTH CENTRAL-----	2	2	6	2	4	1	65	105	1	-	2	-
Kentucky-----	-	1	-	-	-	-	13	23	-	-	2	-
Tennessee-----	-	-	2	-	3	1	9	31	-	-	-	-
Alabama-----	-	1	1	2	-	-	9	33	-	-	-	-
Mississippi-----	2	-	3	-	1	-	34	18	1	-	-	-
WEST SOUTH CENTRAL-----	2	7	7	2	-	5	42	55	3	6	1	1
Arkansas-----	1	-	2	-	-	1	2	2	-	-	1	1
Louisiana-----	-	-	-	1	-	-	10	-	-	-	-	-
Oklahoma-----	1	-	-	-	-	-	4	1	-	1	-	-
Texas-----	-	7	5	1	-	4	26	52	3	6	-	-
MOUNTAIN-----	2	-	1	-	1	1	46	5	-	1	-	-
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	16	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	3	2	-	-	-	-
Colorado-----	-	-	-	-	-	1	8	1	-	-	-	-
New Mexico-----	1	-	-	-	-	-	2	-	-	-	-	-
Arizona-----	-	-	-	-	1	-	16	2	-	-	-	-
Utah-----	1	-	1	-	-	-	1	-	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	-	1	-	23	-	110	73	1	3	-	2
Washington-----	-	-	1	-	-	-	22	10	-	-	-	-
Oregon-----	-	-	-	-	-	-	30	20	-	1	-	-
California-----	2	-	-	-	23	-	58	43	1	2	-	2
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	3	-	-	4	2
Puerto Rico-----	-	-	4	8	-	-	6	-	-	-	-	-

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 JUNE 13, 1953 AND JUNE 12, 1954—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)	
	1954	1953	1954	1953	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	28,811	16,169	79	84	314	303	126	97	94	90	10	19
NEW ENGLAND-----	1,815	253	2	1	3	9	3	3	-	3	-	-
Maine-----	168	31	-	-	-	3	-	1	-	2	-	-
New Hampshire-----	8	1	-	-	-	3	-	-	-	-	-	-
Vermont-----	47	28	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,208	133	-	1	-	-	-	-	-	-	-	-
Rhode Island-----	164	10	-	-	-	-	-	-	-	-	-	-
Connecticut-----	220	50	2	-	3	3	3	2	-	1	-	-
MIDDLE ATLANTIC-----	8,184	879	15	17	8	22	1	5	2	1	-	3
New York-----	3,854	342	4	8	6	16	1	5	2	1	-	2
New Jersey-----	2,338	108	4	7	1	2	-	-	-	-	-	1
Pennsylvania-----	1,992	429	7	2	1	4	-	-	-	-	-	-
EAST NORTH CENTRAL-----	5,937	3,652	17	13	32	37	7	14	9	8	-	-
Ohio-----	1,048	911	7	3	13	18	1	7	1	5	-	-
Indiana-----	586	314	1	2	2	3	-	-	1	-	-	-
Illinois-----	1,962	349	6	2	1	8	-	4	-	2	-	-
Michigan-----	1,907	969	2	5	10	4	3	3	6	1	-	-
Wisconsin-----	434	1,109	1	1	6	4	3	-	1	-	-	-
WEST NORTH CENTRAL-----	1,190	1,558	8	3	14	30	7	8	2	10	3	-
Minnesota-----	127	125	3	1	-	12	-	4	-	5	-	-
Iowa-----	816	653	1	-	4	5	1	-	1	3	-	-
Missouri-----	64	411	2	-	1	2	-	1	-	1	3	-
North Dakota-----	48	51	2	1	1	1	-	1	-	-	-	-
South Dakota-----	36	3	-	-	-	-	-	-	-	-	-	-
Nebraska-----	99	123	-	-	8	3	6	2	1	1	-	-
Kansas-----	-	192	-	1	-	7	-	-	-	-	-	-
SOUTH ATLANTIC-----	2,488	873	14	15	49	40	15	16	9	8	2	8
Delaware-----	129	9	-	-	1	-	-	-	1	-	-	-
Maryland-----	248	68	-	4	3	-	2	-	1	-	2	-
District of Columbia-----	93	16	1	-	-	1	-	-	-	-	-	1
Virginia-----	787	197	7	3	2	3	1	-	1	3	-	4
West Virginia-----	450	268	-	-	5	3	3	2	-	1	-	-
North Carolina-----	258	140	1	2	3	13	1	9	1	-	-	3
South Carolina-----	42	90	2	1	6	3	1	3	1	-	-	-
Georgia-----	137	46	-	1	13	7	1	-	1	3	-	-
Florida-----	344	39	3	4	16	10	6	2	3	1	-	-
EAST SOUTH CENTRAL-----	912	361	8	11	23	45	4	12	5	13	2	3
Kentucky-----	223	70	3	6	5	3	-	-	4	-	1	1
Tennessee-----	400	54	1	2	2	7	-	1	-	2	1	2
Alabama-----	174	128	4	3	8	22	-	11	-	11	-	-
Mississippi-----	115	109	-	-	8	13	4	-	1	-	-	-
WEST SOUTH CENTRAL-----	2,530	3,061	5	12	112	80	50	24	42	30	-	1
Arkansas-----	36	231	-	2	9	8	5	4	4	4	-	1
Louisiana-----	18	243	1	3	12	15	5	5	7	10	-	-
Oklahoma-----	255	209	2	-	11	11	4	3	1	1	-	-
Texas-----	2,221	2,378	2	7	80	46	36	12	30	15	-	-
MOUNTAIN-----	1,006	1,090	2	2	11	10	2	3	3	1	3	4
Montana-----	360	56	-	-	-	-	-	-	-	-	-	-
Idaho-----	62	96	-	1	-	-	-	-	-	-	-	2
Wyoming-----	11	23	-	-	2	2	2	1	-	1	-	1
Colorado-----	59	506	-	-	2	3	-	-	2	-	2	1
New Mexico-----	67	106	-	-	1	1	-	-	-	-	-	-
Arizona-----	202	197	2	-	4	4	-	2	1	-	1	-
Utah-----	189	103	-	1	1	-	-	-	-	-	-	-
Nevada-----	56	3	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	4,749	4,442	8	10	62	30	37	12	22	16	-	-
Washington-----	1,191	446	-	-	1	2	-	-	1	-	-	-
Oregon-----	149	330	1	1	5	3	4	2	1	1	-	-
California-----	3,409	3,666	7	9	56	25	33	10	20	15	-	-
Alaska-----	47	24	-	-	3	1	3	-	-	-	-	-
Hawaii-----	9	1	-	-	5	1	5	-	-	-	-	-
Puerto Rico-----	71	65	-	3	-	1	-	1	-	-	-	-

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

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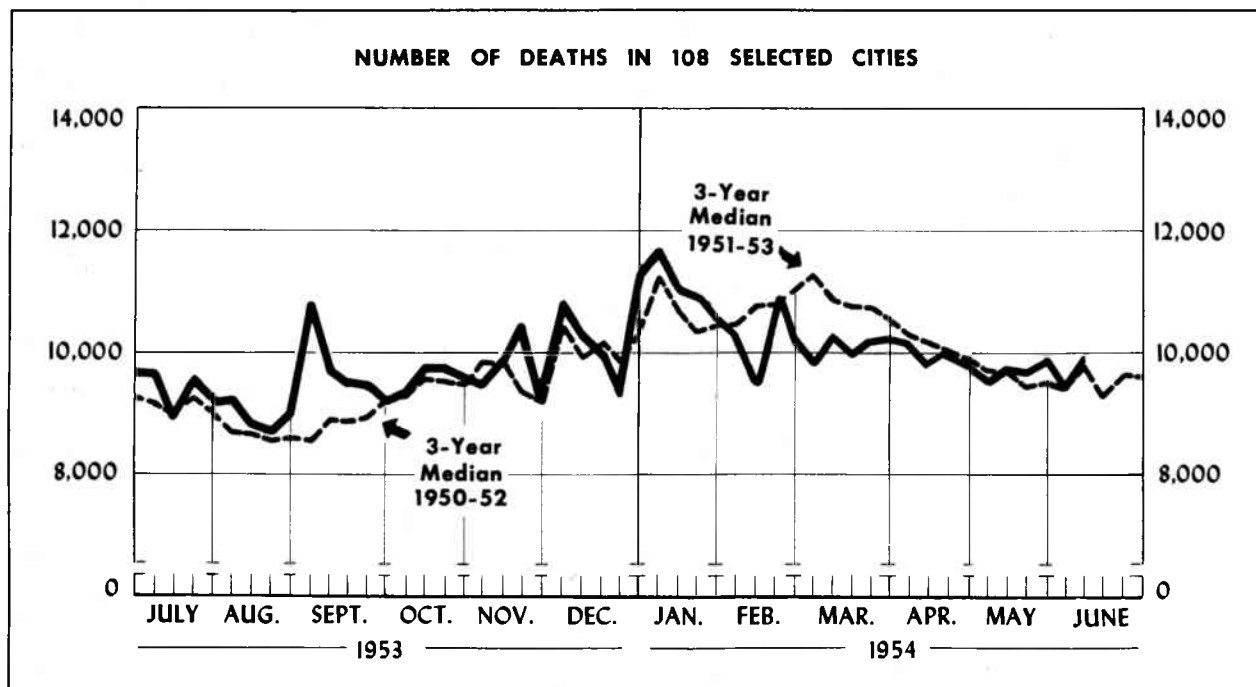
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 13, 1953, AND JUNE 12, 1954—Continued

(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-----	2,510	2,571	4	14	12	48	63	4	1,081	714	125	143
NEW ENGLAND-----	212	215	1	1	-	2	2	-	104	58	-	-
Maine-----	36	67	-	-	-	-	1	-	1	5	-	-
New Hampshire-----	2	12	-	-	-	-	-	-	6	-	-	-
Vermont-----	12	1	-	-	-	-	-	-	8	1	-	-
Massachusetts-----	88	69	1	-	-	1	1	-	35	35	-	-
Rhode Island-----	9	9	-	1	-	-	-	-	22	9	-	-
Connecticut-----	65	57	-	-	-	1	-	-	32	8	-	-
MIDDLE ATLANTIC-----	299	420	3	-	-	7	8	-	169	201	5	12
New York-----	190	257	3	-	-	1	2	-	74	118	4	11
New Jersey-----	35	107	-	-	-	1	-	-	44	46	-	-
Pennsylvania-----	74	56	-	-	-	5	6	-	51	37	1	1
EAST NORTH CENTRAL-----	425	331	-	1	-	3	10	-	177	94	23	17
Ohio-----	79	76	-	-	-	1	2	-	56	13	5	2
Indiana-----	103	30	-	-	-	-	1	-	19	23	-	10
Illinois-----	59	36	-	-	-	2	3	-	23	3	8	4
Michigan-----	103	116	-	-	-	-	-	-	63	37	4	1
Wisconsin-----	81	73	-	1	-	-	4	-	16	18	6	-
WEST NORTH CENTRAL-----	52	81	-	-	2	1	3	-	27	10	21	4
Minnesota-----	25	41	-	-	-	-	1	-	11	4	5	2
Iowa-----	12	7	-	-	-	-	-	-	13	3	4	-
Missouri-----	6	3	-	-	2	1	1	-	3	1	10	-
North Dakota-----	4	10	-	-	-	-	-	-	-	-	-	-
South Dakota-----	4	8	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	6	-	-	-	-	-	-	-	1	2	2
Kansas-----	-	6	-	-	-	-	1	-	-	1	-	-
SOUTH ATLANTIC-----	214	172	-	1	-	11	10	1	103	46	29	24
Delaware-----	-	4	-	-	-	-	-	-	-	2	-	-
Maryland-----	21	53	-	-	-	-	-	-	13	6	-	-
District of Columbia-----	8	-	-	-	-	-	-	-	3	4	-	-
Virginia-----	101	77	-	1	-	3	1	-	54	13	7	8
West Virginia-----	28	14	-	-	-	4	1	-	15	4	12	7
North Carolina-----	32	10	-	-	-	1	-	-	4	7	5	-
South Carolina-----	1	-	-	-	-	3	7	1	7	4	3	3
Georgia-----	14	1	-	-	-	-	1	-	2	-	2	6
Florida-----	9	13	-	-	-	-	-	-	5	6	-	-
EAST SOUTH CENTRAL-----	58	65	-	1	1	11	6	1	103	30	25	40
Kentucky-----	30	6	-	-	-	6	4	-	28	11	3	8
Tennessee-----	23	45	-	-	-	1	2	-	46	10	7	6
Alabama-----	3	6	-	-	-	2	-	1	19	6	11	10
Mississippi-----	2	8	-	1	1	2	-	-	10	3	4	16
WEST SOUTH CENTRAL-----	698	797	-	8	8	10	17	2	161	143	18	39
Arkansas-----	54	54	-	1	4	1	5	-	40	9	2	3
Louisiana-----	-	-	-	2	-	-	4	-	2	1	-	³ 14
Oklahoma-----	33	23	-	1	-	1	1	-	3	5	1	-
Texas-----	611	720	-	4	4	8	7	2	116	128	15	22
MOUNTAIN-----	225	87	-	2	1	1	2	-	77	42	1	2
Montana-----	5	6	-	1	-	-	-	-	4	12	-	-
Idaho-----	7	33	-	-	-	-	-	-	-	11	-	-
Wyoming-----	4	6	-	-	-	-	1	-	-	4	-	-
Colorado-----	3	3	-	-	-	-	-	-	3	1	-	-
New Mexico-----	17	2	-	-	-	-	-	-	7	8	-	1
Arizona-----	155	13	-	-	1	1	-	-	13	6	1	1
Utah-----	32	23	-	1	-	-	1	-	48	-	-	-
Nevada-----	2	1	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	327	403	-	-	-	2	5	-	160	90	3	5
Washington-----	53	70	-	-	-	-	-	-	23	14	-	-
Oregon-----	36	27	-	-	-	-	-	-	6	38	-	-
California-----	238	306	-	-	-	2	5	-	131	38	3	5
Alaska-----	-	2	-	-	-	-	1	-	-	-	-	-
Hawaii-----	3	1	-	-	-	-	-	-	1	12	-	-
Puerto Rico-----	-	-	-	-	-	3	1	-	68	33	-	1

³Report for May.

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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 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	23d week ended June 12, 1954	22d week ended June 5, 1954	23d week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 23 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	9,845	9,308	9,648	+2.0	231,272	242,315	-4.6
New England----- (14 cities)	591	687	633	-6.6	15,660	16,170	-3.2
Middle Atlantic----- (15 cities)	2,756	2,595	2,787	-1.1	67,168	70,365	-4.5
East North Central----- (18 cities)	2,186	2,207	2,174	+0.6	51,260	53,741	-4.6
West North Central----- (8 cities)	734	639	744	-1.3	16,255	17,864	-9.0
South Atlantic----- (9 cities)	740	697	715	+3.5	17,916	18,911	-5.3
East South Central----- (8 cities)	468	434	418	+12.0	10,766	11,204	-3.9
West South Central----- (13 cities)	767	755	689	+11.3	17,689	18,380	-3.8
Mountain----- (8 cities)	220	217	228	-3.5	5,347	5,924	-9.7
Pacific----- (12 cities)	1,383	1,077	1,200	+15.3	29,211	29,756	-1.8

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 12, 1954
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	23d week ended June 12, 1954	22d week ended June 5, 1954	CUMULATIVE NUMBER FOR FIRST 23 WEEKS		CITY	23d week ended June 12, 1954	22d week ended June 5, 1954	CUMULATIVE NUMBER FOR FIRST 23 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	210	249	5,222	5,480	St. Louis-----	262	203	5,285	5,931
Bridgeport-----	37	26	830	772	St. Paul-----	72	70	1,537	1,539
Cambridge-----	33	25	673	674	Wichita-----	45	30	946	966
Fall River-----	21	30	681	677	SOUTH ATLANTIC				
Hartford-----	44	42	1,058	1,088	Atlanta-----	102	106	2,422	2,525
Lowell-----	23	33	672	610	Baltimore-----	206	207	5,107	5,540
Lynn-----	21	27	502	517	Charlotte-----	37	21	726	685
New Bedford-----	19	27	523	559	Jacksonville-----	(47)	(46)	(1,151)	---
New Haven-----	31	51	1,055	1,047	Miami-----	40	42	1,558	1,457
Providence-----	52	63	1,429	1,448	Norfolk-----	35	43	699	762
Somerville-----	15	17	345	372	Richmond-----	80	55	1,473	1,542
Springfield, Mass.-----	39	27	923	952	Savannah-----	(32)	---	---	---
Waterbury-----	21	23	586	633	Tampa-----	52	49	1,287	1,330
Worcester-----	25	47	1,161	1,341	Washington, D. C.-----	164	137	3,877	4,286
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	43	46	1,043	1,078	Birmingham-----	62	62	1,767	1,686
Allentown-----	(21)	(20)	(781)	---	Chattanooga-----	30	44	1,031	1,129
Buffalo-----	204	61	3,282	3,407	Knoxville-----	30	41	788	790
Camden-----	40	34	859	837	Louisville-----	128	78	2,484	2,529
Elizabeth-----	13	11	623	716	Memphis-----	106	116	2,195	2,436
Erie-----	---	(35)	---	(806)	Mobile-----	33	32	732	741
Jersey City-----	70	56	1,674	1,662	Montgomery-----	20	28	609	659
Newark, N. J.-----	86	96	2,321	2,503	Nashville-----	59	33	1,160	1,234
New York City-----	1,450	1,474	36,468	38,151	WEST SOUTH CENTRAL				
Paterson-----	31	37	901	929	Austin-----	24	28	574	590
Philadelphia-----	451	403	10,827	11,501	Baton Rouge-----	27	11	506	341
Pittsburgh-----	153	155	3,793	4,124	Corpus Christi-----	16	17	376	421
Reading-----	(17)	(11)	(479)	---	Dallas-----	108	103	2,234	2,215
Rochester, N. Y.-----	98	90	2,189	2,263	El Paso-----	34	38	635	686
Schenectady-----	23	18	545	576	Fort Worth-----	52	56	1,222	1,366
Scranton-----	(35)	(25)	(790)	---	Houston-----	108	116	2,804	2,904
Syracuse-----	42	56	1,290	1,242	Little Rock-----	36	43	931	1,011
Trenton-----	---	(37)	---	(1,168)	New Orleans-----	143	128	3,413	3,766
Utica-----	27	30	719	746	Oklahoma City-----	58	51	1,323	1,300
Yonkers-----	25	28	634	630	San Antonio-----	79	83	1,790	1,935
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	65	67	1,319	1,402	Albuquerque-----	25	15	603	629
Canton-----	34	25	682	680	Colorado Springs-----	18	13	288	307
Chicago-----	709	769	17,030	17,997	Denver-----	102	102	2,384	2,636
Cincinnati-----	148	120	3,229	3,451	Ogden-----	11	5	235	274
Cleveland-----	178	203	4,715	4,926	Phoenix-----	16	17	517	565
Columbus-----	93	120	2,359	2,515	Pueblo-----	11	13	301	329
Dayton-----	66	61	1,500	1,492	Salt Lake City-----	35	49	928	1,053
Detroit-----	325	298	7,297	7,628	Tucson-----	2	3	91	131
Evansville-----	24	22	716	786	PACIFIC				
Flint-----	42	50	890	864	Berkeley-----	16	15	413	411
Fort Wayne-----	20	18	599	707	Long Beach-----	52	46	1,153	1,118
Gary-----	(21)	(25)	(567)	---	Los Angeles-----	445	364	10,403	10,721
Grand Rapids-----	37	40	934	944	Oakland-----	100	85	2,222	2,304
Indianapolis-----	94	115	2,624	2,655	Pasadena-----	38	25	776	813
Milwaukee-----	130	143	2,684	2,933	Portland, Oreg.-----	238	102	2,440	2,428
Peoria-----	33	16	709	732	Sacramento-----	44	38	1,074	1,151
South Bend-----	32	25	543	567	San Diego-----	72	75	1,705	1,710
Toledo-----	104	74	2,087	2,188	San Francisco-----	175	149	4,300	4,602
Youngstown-----	52	41	1,143	1,274	Seattle-----	134	108	2,856	2,739
WEST NORTH CENTRAL					PACIFIC				
Des Moines-----	46	51	1,118	1,180	Spokane-----	34	40	1,052	986
Duluth-----	29	31	613	614	Tacoma-----	35	30	817	793
Kansas City, Kans.-----	---	---	---	(783)	Honolulu-----	(37)	(19)	(791)	(741)
Kansas City, Mo.-----	112	113	2,650	2,966					
Minneapolis-----	122	83	2,708	3,087					
Omaha-----	46	58	1,398	1,581					

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

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