

Morbidity and Mortality

Weekly
Report



U. S. Department of
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 February 13, 1954

For the current week, 6 cases of psittacosis were reported as follows: New York State, 2 and 1 each in Colorado, Connecticut, Pennsylvania, and Virginia. These cases bring the total for the first 6 weeks of 1954 to 11. This disease was not notifiable on a weekly basis to the National Office during 1953, and comparable figures are not available for last year. However, information received indicates that at least 2 cases were reported during the first 6 weeks of 1953.

A total of 1,212 cases of infectious hepatitis was reported for the current week. This is more than double the number (576) reported for the corresponding week of 1953. The cumulative total for the year to date is 6,916 as compared with 4,028 for the corresponding period of last year.

EPIDEMIOLOGICAL REPORTS

Botulism

Dr. A. R. Leonard, San Diego County Health Department, has supplied information on the epidemiologic investigation of 4 cases of botulism shown in this report for the week ended January 16. On January 8 and 10, a man and his wife died. The illness of the former was diagnosed as cerebral hemorrhage, and the latter, as status asthmaticus. Two sisters of the woman attended the funeral and became ill on January 14. Their illness was diagnosed as botulism. They complained of visual disturbances, and later of vomiting and a staggering gait. These patients, as well as members of a son's family who were also present at the funeral, were given botulinus antitoxin, since all ate the same food. An open jar of home-canned peaches was the only food in which there was laboratory evidence of botulinus toxin (type A). The first 2 cases were called to the attention of the coroner, but physicians who signed the death certificates did not feel that they were justified in changing the cause of death on the certificates which had been filed.

Influenza

The California State Department of Public Health, in its current influenza surveillance bulletin for February 2, reported an outbreak of acute respiratory disease in Santa Clara County. Absenteeism rates were high in 2 schools selected for intensive study. Three throat washings and serum specimens from another group of 25 persons were collected. One week later, a report on serum specimens from 20 individuals convalescent from the respiratory infection, showed that complement fixation tests were positive 1:128 in 7 against influenza B. None was positive in a higher dilution than 1:32 against influenza A. It was concluded that these results suggest that the outbreak was due in part to a B strain of influenza virus, but that definite proof must await the results of testing both acute and convalescent sera. Another outbreak of influenza-like illness was noted in schools of Contra Costa County, but no determination of the etiology of the outbreak has been made.

Diarrhea of the newborn

The California State Department of Public Health has reported outbreaks of diarrhea in the newborn which occurred in 3 different hospitals. In 1 hospital involving 7 infants, 3 to 12 days old, the outbreak was explosive in type. One infant died, but the cause was stated as atelectasis due to prematurity. Investigation revealed that a nurses aid had diarrhea for 24 hours, and that a member of the obstetrical staff, and all members of his family, had acute diarrhea during the time that illness in the infants occurred. The nursing staff caring for the babies who had diarrhea, was found also caring for well babies. Inadequate washing facilities were found in the nurseries. *E. coli* was isolated from stools of 1 sick infant.

In another institution, 10 infants developed diarrhea over a 7-week period of time. Investigation revealed many cases of upper respiratory infection among mothers, physicians, and nurses, but no definite source could be determined. Coliform and aerobacter types of organisms were found in the stools of infants with diarrhea.

The third outbreak occurred in a small institution over a period of about 2 weeks, during which time 8 infants became ill. It was discovered that a mother in labor had a fever when she was admitted, and the next day had liquid stools. The hospital was considered to be substandard and was quarantined. One of the 8 patients died.

Psittacosis

In reporting on psittacosis in Virginia last week, the age of young parrots was inadvertently given as about 2 weeks. The age of these birds was estimated to be about 10 weeks.

Dr. Mason Romaine, Virginia Department of Health, reports a case of psittacosis in a 57-year-old woman. The patient complained of a pain in the right side. At first this was thought to be the result of a gallbladder disease which had given her pain before. About a week later, an X-ray of the chest revealed pneumonitis, which seemed unusual. However, before the time of her next visit to the physician, it was learned that she had cleaned some parakeet cages. These cages were at the home of her daughter where parakeets are raised. The complement fixation test on a blood specimen of the patient was 4+ in a dilution of 1:64. No information is available at this time on the health of the parakeets at the daughter's home.

The California Department of Public Health reports 2 cases of psittacosis. One was in a machine operator who was exposed to parakeets in his home. The symptoms were cough, fever, and headache, with pain and moist rales in the left side of chest. The patient did not respond to any antibiotic. The complement fixation test on blood collected 2 weeks after onset was 1:128, and on 2 specimens of blood collected about 2 months later, it was 1:64. The other case was in a caretaker of a pet shop where an unknown number of parrots, parakeets, and canaries were housed. The disease was characterized by weakness, facial eruptions, fever,

Morbidity and Mortality Weekly Report

cough, expectoration, and anorexia. The complement fixation titer was 1:120.

Shigellosis

Dr. Dean Fisher, Maine Department of Health and Welfare, reports 4 cases of diarrhea in one family in a small town. Cases began to appear after a basketball team, from a nearby island, stayed overnight. It was reported that cases of diarrhea had occurred on the island. A stool specimen of one patient showed *Shigella sonnei*.

Ringworm

Dr. W. L. Halverson, Director, California Department of Public Health, reports an outbreak of ringworm in 2 elementary

schools. Of 42 cases, 37 were scalp and 5 were skin infections. Thirty-two specimens were examined in the State laboratory. Of these, 24 scalp specimens were positive for *M. audouini*, and 3 skin specimens were positive for *M. canis*. Examinations of 5 specimens have not yet been completed. The entire school population of 677 has been screened and control measures have been established.

Infectious hepatitis

An outbreak with 17 cases of infectious hepatitis has occurred in one rural area of California. Six of the cases were in persons over 20 years of age. The first case was in a 40-year-old woman who operated a nursery school, and 13 of these cases were traced directly or indirectly to this school.

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	6th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 13, 1954	Ended Feb. 14, 1953	Median 1949-53	First 6 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	1	2	7	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	5	-	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	18	35	---	134	162	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	38	38	93	259	282	576	1,624	1,953	3,602	July 1
Encephalitis, infectious-----082	25	18	16	94	94	67	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,212	576	---	² 6,916	4,028	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	12	6	---	³ 51	73	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	12,212	7,683	13,589	59,481	40,078	56,623	95,573	71,512	86,013	Sept. 1
Meningococcal infections-----057	96	143	102	659	887	637	1,981	2,162	1,716	Sept. 1
Polio-myelitis-----080	135	101	101	⁴ 904	1,025	743	⁴ 35,358	57,320	32,972	Apr. 1
Psittacosis-----096.2	⁵ 6	-	---	11	2	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	-	-	-	-	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	1	-	-	2	1	3	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	4,417	4,057	2,748	⁶ 24,252	25,227	15,892	⁶ 58,886	61,815	34,295	Aug. 1
Smallpox-----084	-	-	-	-	-	4	(¹)	(¹)	(¹)	(¹)
Trichinosis-----128	10	3	---	30	18	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	23	5	23	⁷ 100	75	115	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	28	27	27	⁸ 178	151	199	⁸ 2,192	2,163	2,307	Apr. 1
Typhus fever, endemic-----101	3	4	---	13	21	---	203	177	---	Apr. 1
Whooping cough-----056	1,111	564	1,243	⁹ 6,211	4,065	7,562	⁹ 15,968	11,922	21,826	Oct. 1
Rabies in animals-----	223	170	---	1,015	951	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.

²Addition: Kansas, week ended February 6, 1 case.

³Deduction: Kentucky, week ended February 6, 1 case.

⁴Deductions: Georgia, weeks ended January 30 and February 6, 1 case each. Addition: Iowa, week ended January 30, 1 case.

⁵New York State, 2 cases, and 1 case each in Colorado, Connecticut, Pennsylvania, and Virginia.

⁶Additions: Rhode Island and Kansas, week ended February 6, 6 and 2 cases, respectively.

⁷Addition: Kansas, week ended February 6, 1 case.

⁸Additions: Alabama, weeks ended January 9 and 30, 2 cases each; weeks ended January 16 and 23, 1 case each.

⁹Additions: Alabama, weeks ended January 16 and 23, 10 and 2 cases, respectively.

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.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 14, 1953, AND FEBRUARY 13, 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-----	18	35	38	38	25	18	1,212	576	2	4	10	2
NEW ENGLAND-----	1	2	1	-	1	1	69	63	-	-	-	-
Maine-----	-	1	-	-	-	-	20	25	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	2	-	-	-	-	-
Massachusetts-----	1	-	1	-	1	-	41	28	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	1	-	-	-	1	5	10	-	-	-	-
MIDDLE ATLANTIC-----	2	3	1	-	5	4	246	72	-	1	-	-
New York-----	1	2	-	-	1	4	173	54	-	-	-	-
New Jersey-----	-	-	1	-	2	-	17	-	-	1	-	-
Pennsylvania-----	1	1	-	-	2	-	56	18	-	-	-	-
EAST NORTH CENTRAL-----	2	11	4	7	-	4	190	87	-	1	1	1
Ohio-----	-	-	2	3	-	-	47	16	-	1	-	-
Indiana-----	-	1	1	4	-	-	36	22	-	-	-	-
Illinois-----	1	7	1	-	-	2	45	10	-	-	-	1
Michigan-----	-	2	-	-	-	2	35	24	-	-	1	-
Wisconsin-----	1	1	-	-	-	-	27	15	-	-	-	-
WEST NORTH CENTRAL-----	6	13	2	-	4	1	136	73	-	-	-	-
Minnesota-----	2	3	-	-	-	-	39	6	-	-	-	-
Iowa-----	3	9	-	-	-	-	59	44	-	-	-	-
Missouri-----	-	-	-	-	-	-	13	7	-	-	-	-
North Dakota-----	-	-	-	-	-	-	7	3	-	-	-	-
South Dakota-----	-	1	-	-	2	1	9	-	-	-	-	-
Nebraska-----	-	-	2	-	1	-	3	8	-	-	-	-
Kansas-----	1	-	-	-	1	-	6	5	-	-	-	-
SOUTH ATLANTIC-----	3	2	11	6	1	1	215	124	-	-	9	-
Delaware-----	-	-	-	-	-	-	2	-	-	-	-	-
Maryland-----	-	-	2	-	-	1	15	21	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	7	2	-	-	-	-
Virginia-----	-	-	2	3	-	-	137	50	-	-	-	-
West Virginia-----	-	-	-	2	-	-	18	23	-	-	-	-
North Carolina-----	-	-	2	-	-	-	21	19	-	-	9	-
South Carolina-----	-	-	1	-	-	-	5	-	-	-	-	-
Georgia-----	2	1	1	1	1	-	6	8	-	-	-	-
Florida-----	1	1	3	-	-	-	4	1	-	-	-	-
EAST SOUTH CENTRAL-----	2	-	7	7	4	2	137	64	-	1	-	-
Kentucky-----	1	-	2	1	-	-	30	8	-	-	-	-
Tennessee-----	1	-	2	1	2	-	22	9	-	-	-	-
Alabama-----	-	-	2	3	-	-	19	20	-	-	-	-
Mississippi-----	-	-	1	2	2	2	66	27	-	1	-	-
WEST SOUTH CENTRAL-----	-	1	9	13	5	5	66	27	2	1	-	-
Arkansas-----	-	-	-	-	-	-	6	9	-	-	-	-
Louisiana-----	-	-	2	1	-	-	2	-	-	-	-	-
Oklahoma-----	-	-	1	1	-	1	7	1	1	-	-	-
Texas-----	-	1	6	11	5	4	51	17	1	1	-	-
MOUNTAIN-----	1	1	2	4	-	-	54	13	-	-	-	-
Montana-----	-	-	-	-	-	-	6	1	-	-	-	-
Idaho-----	-	-	-	3	-	-	14	-	-	-	-	-
Wyoming-----	1	-	-	-	-	-	1	1	-	-	-	-
Colorado-----	-	-	-	1	-	-	12	8	-	-	-	-
New Mexico-----	-	-	-	-	-	-	2	1	-	-	-	-
Arizona-----	-	-	2	-	-	-	15	2	-	-	-	-
Utah-----	-	1	-	-	-	-	4	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	2	1	1	5	-	99	53	-	-	-	1
Washington-----	-	-	1	-	-	-	27	8	-	-	-	1
Oregon-----	1	-	-	-	-	-	28	23	-	-	-	-
California-----	-	2	-	1	5	-	44	22	-	-	-	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	1	-	-	-	-	1	1	-	-	-	-
Puerto Rico-----	-	-	5	10	-	-	-	-	-	-	-	-

¹Includes cases not specified as civilian or military.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 14, 1953, AND FEBRUARY 13, 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-----	12,212	7,683	96	143	135	101	58	---	30	---	1	-
NEW ENGLAND-----	272	129	7	6	1	-	-	---	-	---	-	-
Maine-----	207	12	-	-	-	-	-	---	-	---	-	-
New Hampshire-----	4	9	2	2	-	-	-	---	-	---	-	-
Vermont-----	19	1	-	2	-	-	-	---	-	---	-	-
Massachusetts-----	28	69	3	1	1	-	-	---	-	---	-	-
Rhode Island-----	2	-	2	-	-	-	-	---	-	---	-	-
Connecticut-----	12	38	-	1	-	-	-	---	-	---	-	-
MIDDLE ATLANTIC-----	2,278	550	12	19	10	11	1	---	-	---	-	-
New York-----	1,560	168	5	8	7	7	-	---	-	---	-	-
New Jersey-----	79	68	4	6	1	1	1	---	-	---	-	-
Pennsylvania-----	639	314	3	5	2	3	-	---	-	---	-	-
EAST NORTH CENTRAL-----	2,138	2,604	11	18	10	11	4	---	2	---	-	-
Ohio-----	281	785	2	6	2	4	1	---	1	---	-	-
Indiana-----	487	26	1	5	1	-	-	---	-	---	-	-
Illinois-----	457	168	3	2	4	1	1	---	-	---	-	-
Michigan-----	719	463	3	2	2	5	2	---	-	---	-	-
Wisconsin-----	194	1,162	2	3	1	1	-	---	1	---	-	-
WEST NORTH CENTRAL-----	425	1,156	10	7	15	9	5	---	4	---	-	-
Minnesota-----	10	150	1	1	6	2	4	---	1	---	-	-
Iowa-----	152	149	2	1	4	1	-	---	2	---	-	-
Missouri-----	56	516	2	2	1	1	1	---	-	---	-	-
North Dakota-----	85	36	1	-	1	1	-	---	-	---	-	-
South Dakota-----	21	11	2	3	-	1	-	---	-	---	-	-
Nebraska-----	80	16	1	-	2	2	-	---	1	---	-	-
Kansas-----	21	278	1	-	1	1	-	---	-	---	-	-
SOUTH ATLANTIC-----	1,837	283	16	55	24	3	9	---	5	---	1	-
Delaware-----	2	10	-	1	-	-	-	---	-	---	-	-
Maryland-----	322	19	1	8	-	-	-	---	-	---	-	-
District of Columbia-----	29	3	-	3	-	-	-	---	-	---	-	-
Virginia-----	368	36	1	9	2	-	2	---	-	---	-	-
West Virginia-----	109	95	1	2	1	-	1	---	-	---	-	-
North Carolina-----	356	58	4	11	1	3	-	---	1	---	-	-
South Carolina-----	290	16	2	4	-	1	-	---	-	---	-	-
Georgia-----	212	29	4	11	3	-	-	---	-	---	1	-
Florida-----	149	17	3	6	17	4	6	---	4	---	-	-
EAST SOUTH CENTRAL-----	1,154	480	10	12	9	8	2	---	-	---	-	-
Kentucky-----	589	91	4	3	6	6	-	---	-	---	-	-
Tennessee-----	206	160	1	4	-	-	-	---	-	---	-	-
Alabama-----	166	136	3	3	1	-	1	---	-	---	-	-
Mississippi-----	193	93	2	2	2	2	1	---	-	---	-	-
WEST SOUTH CENTRAL-----	1,605	1,194	17	17	12	9	7	---	2	---	-	-
Arkansas-----	132	72	1	1	2	1	2	---	-	---	-	-
Louisiana-----	49	15	5	6	-	2	-	---	-	---	-	-
Oklahoma-----	12	25	1	4	1	-	-	---	-	---	-	-
Texas-----	1,412	1,082	10	6	9	6	5	---	2	---	-	-
MOUNTAIN-----	763	449	4	4	12	14	6	---	2	---	-	-
Montana-----	99	148	2	1	5	-	4	---	-	---	-	-
Idaho-----	129	13	-	-	1	1	-	---	-	---	-	-
Wyoming-----	49	9	-	-	-	-	-	---	-	---	-	-
Colorado-----	53	120	2	2	4	2	2	---	1	---	-	-
New Mexico-----	49	23	-	1	-	1	-	---	-	---	-	-
Arizona-----	131	62	-	-	1	1	-	---	1	---	-	-
Utah-----	251	74	-	-	1	9	-	---	-	---	-	-
Nevada-----	2	-	-	-	-	-	-	---	-	---	-	-
PACIFIC-----	1,740	838	9	5	42	31	24	---	15	---	-	-
Washington-----	757	183	-	-	3	1	-	---	-	---	-	-
Oregon-----	95	188	1	-	4	1	3	---	1	---	-	-
California-----	888	467	8	5	35	29	21	---	14	---	-	-
Alaska-----	25	-	-	1	1	-	1	---	-	---	-	-
Hawaii-----	4	2	-	-	6	-	5	---	1	---	-	-
Puerto Rico-----	66	35	-	-	-	2	-	---	-	---	-	-

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

Morbidity and Mortality Weekly Report

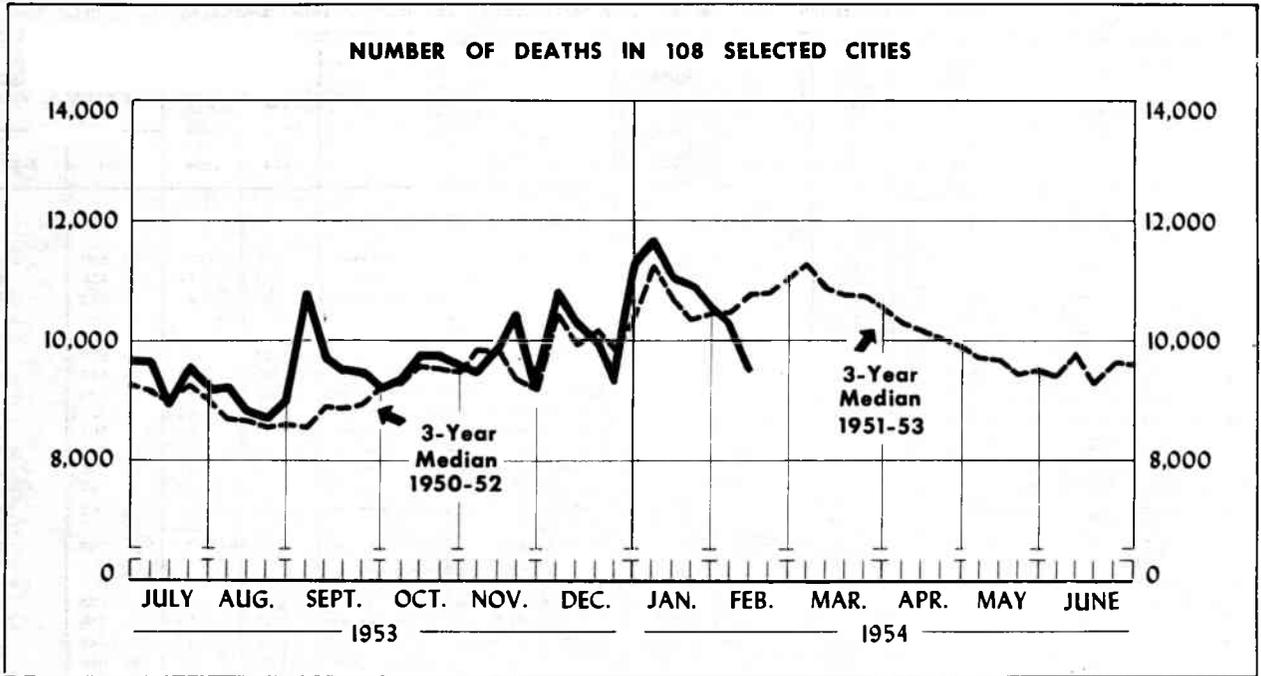
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 14, 1953, AND FEBRUARY 13, 1954—Continued
(By place of occurrence. Numbers under diseases are category 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-----	4,417	4,057	10	23	5	28	27	3	1,111	564	223	170
NEW ENGLAND-----	333	524	1	-	-	1	1	-	150	66	-	-
Maine-----	40	53	-	-	-	-	-	-	6	7	-	-
New Hampshire-----	20	12	-	-	-	-	-	-	6	9	-	-
Vermont-----	5	11	-	-	-	-	-	-	11	12	-	-
Massachusetts-----	187	106	1	-	-	1	1	-	80	30	-	-
Rhode Island-----	12	33	-	-	-	-	-	-	20	-	-	-
Connecticut-----	69	229	-	-	-	-	-	-	27	8	-	-
MIDDLE ATLANTIC-----	588	862	2	2	-	2	5	-	178	124	4	5
New York-----	308	566	2	2	-	-	2	-	99	50	4	5
New Jersey-----	78	78	-	-	-	-	-	-	19	18	-	-
Pennsylvania-----	202	218	-	-	-	2	3	-	60	56	-	-
EAST NORTH CENTRAL-----	821	831	5	4	-	-	1	-	255	100	31	18
Ohio-----	204	207	1	-	-	-	1	-	64	20	2	5
Indiana-----	148	155	-	-	-	-	-	-	25	19	15	4
Illinois-----	163	161	-	4	-	-	-	-	36	11	10	-
Michigan-----	148	201	-	-	-	-	-	-	80	24	3	6
Wisconsin-----	158	129	4	-	-	-	-	-	50	26	1	3
WEST NORTH CENTRAL-----	260	219	-	1	3	3	1	-	26	5	25	25
Minnesota-----	72	43	-	-	-	-	-	-	5	5	5	3
Iowa-----	82	29	-	-	-	-	-	-	9	-	6	9
Missouri-----	33	19	-	-	3	2	1	-	2	-	11	10
North Dakota-----	10	58	-	-	-	-	-	-	-	-	2	3
South Dakota-----	23	6	-	-	-	-	-	-	-	-	-	-
Nebraska-----	12	19	-	-	-	-	-	-	-	-	1	-
Kansas-----	28	45	-	1	-	1	-	-	10	-	-	-
SOUTH ATLANTIC-----	438	387	-	9	-	4	4	-	110	56	51	36
Delaware-----	9	8	-	-	-	-	-	-	-	-	-	-
Maryland-----	42	107	-	1	-	-	-	-	26	2	-	-
District of Columbia-----	15	7	-	-	-	-	-	-	4	-	-	-
Virginia-----	92	163	-	3	-	1	1	-	36	14	13	5
West Virginia-----	67	19	-	-	-	2	1	-	8	35	19	5
North Carolina-----	143	31	-	-	-	-	-	-	19	-	3	2
South Carolina-----	10	8	-	2	-	-	1	-	8	-	12	7
Georgia-----	47	33	-	3	-	-	1	-	3	-	4	16
Florida-----	13	11	-	-	-	1	-	-	6	5	-	1
EAST SOUTH CENTRAL-----	183	119	-	1	-	5	6	-	43	11	36	53
Kentucky-----	88	64	-	-	-	3	2	-	12	1	7	15
Tennessee-----	58	43	-	-	-	1	1	-	7	7	7	15
Alabama-----	13	6	-	-	-	-	2	-	7	1	18	16
Mississippi-----	24	6	-	1	-	1	1	-	17	2	4	7
WEST SOUTH CENTRAL-----	984	491	-	5	2	12	5	3	150	91	74	29
Arkansas-----	91	41	-	-	1	1	-	1	75	-	6	2
Louisiana-----	11	5	-	4	-	5	2	-	1	-	3 ²⁹	-
Oklahoma-----	45	24	-	1	-	1	2	-	3	3	1	-
Texas-----	837	421	-	-	1	5	1	2	71	88	38	27
MOUNTAIN-----	358	266	2	1	-	1	1	-	44	19	1	1
Montana-----	19	39	-	-	-	-	-	-	-	-	-	-
Idaho-----	21	94	-	-	-	-	-	-	1	5	-	-
Wyoming-----	13	2	-	-	-	-	-	-	-	-	-	-
Colorado-----	37	27	-	-	-	-	-	-	3	-	1	-
New Mexico-----	29	12	-	-	-	1	1	-	3	8	-	1
Arizona-----	229	11	2	-	-	-	-	-	37	3	-	-
Utah-----	8	75	-	1	-	-	-	-	-	3	-	-
Nevada-----	2	6	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	452	358	-	-	-	-	3	-	155	92	1	3
Washington-----	137	139	-	-	-	-	-	-	54	-	-	-
Oregon-----	60	65	-	-	-	-	-	-	20	19	-	-
California-----	255	154	-	-	-	-	3	-	81	73	1	3
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	7	3	2	-	-	-	-	1	1	2	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	61	19	2	-

³Report for January.

Morbidity and Mortality Weekly Report



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	6th week ended Feb. 13, 1954	5th week ended Feb. 6, 1954	6th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 6 WEEKS		
					1954	1953	Percent change
TOTAL: 103 REPORTING CITIES-----	9,244	10,005	10,337	-10.6	62,201	68,413	-9.1
New England----- (13 cities)	584	714	737	-20.8	4,118	4,272	-3.6
Middle Atlantic----- (17 cities)	2,752	2,946	3,165	-13.0	18,776	20,357	-7.7
East North Central----- (16 cities)	2,083	2,109	2,249	-7.4	13,422	14,834	-9.5
West North Central----- (8 cities)	640	740	761	-15.9	4,388	5,395	-18.7
South Atlantic----- (9 cities)	788	776	820	-3.9	4,821	5,594	-13.8
East South Central----- (8 cities)	439	523	495	-11.3	3,088	3,326	-7.2
West South Central----- (12 cities)	631	644	631	0	4,166	4,415	-5.6
Mountain----- (8 cities)	208	248	209	-0.5	1,471	1,864	-21.1
Pacific----- (12 cities)	1,119	1,305	1,282	-12.7	7,951	8,376	-5.1

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 13, 1954
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	6th week ended Feb. 13, 1954	5th week ended Feb. 6, 1954	CUMULATIVE NUMBER FOR FIRST 6 WEEKS		CITY	6th week ended Feb. 13, 1954	5th week ended Feb. 6, 1954	CUMULATIVE NUMBER FOR FIRST 6 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	206	253	1,400	1,493	St. Louis-----	191	223	1,398	1,719
Bridgeport-----	---	(40)	---	(208)	St. Paul-----	76	74	436	469
Cambridge-----	23	26	180	172	Wichita-----	52	54	271	283
Fall River-----	34	32	180	177	SOUTH ATLANTIC				
Hartford-----	38	51	298	315	Atlanta-----	90	122	672	700
Lowell-----	24	36	192	178	Baltimore-----	256	228	1,473	1,669
Lynn-----	20	16	142	136	Charlotte-----	41	37	191	161
New Bedford-----	19	26	146	164	Jacksonville-----	(55)	(41)	(337)	---
New Haven-----	37	59	293	323	Miami-----	51	59	367	379
Providence-----	61	73	420	420	Norfolk-----	29	20	196	236
Somerville-----	16	16	96	96	Richmond-----	57	71	396	482
Springfield, Mass.-----	30	43	270	226	Savannah-----	---	(24)	---	---
Waterbury-----	21	30	166	190	Tampa-----	56	61	362	422
Worcester-----	46	53	335	382	Washington, D. C.-----	181	145	967	1,345
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	37	47	276	299	Birmingham-----	78	65	523	506
Allentown-----	(35)	(38)	(213)	---	Chattanooga-----	45	53	338	295
Buffalo-----	131	143	919	905	Knoxville-----	60	47	248	206
Camden-----	30	45	249	236	Louisville-----	81	103	646	710
Elizabeth-----	35	20	197	207	Memphis-----	73	128	623	817
Erie-----	25	34	208	213	Mobile-----	35	29	206	222
Jersey City-----	67	74	475	458	Montgomery-----	37	28	185	211
Newark, N. J.-----	75	92	645	729	Nashville-----	30	70	319	359
New York City-----	1,473	1,555	10,017	11,107	WEST SOUTH CENTRAL				
Paterson-----	35	33	255	241	Austin-----	23	30	149	201
Philadelphia-----	444	452	2,712	3,027	Baton Rouge-----	17	21	155	82
Pittsburgh-----	165	166	1,042	1,076	Corpus Christi-----	19	6	89	133
Reading-----	(26)	(21)	(135)	---	Dallas-----	94	92	665	672
Rochester, N. Y.-----	70	96	580	641	El Paso-----	28	22	186	232
Schenectady-----	29	25	177	167	Fort Worth-----	54	54	347	422
Scranton-----	(28)	(28)	(225)	---	Houston-----	129	122	860	884
Syracuse-----	51	61	367	360	Little Rock-----	46	53	274	312
Trenton-----	34	51	298	314	New Orleans-----	---	(164)	---	(1,052)
Utica-----	23	28	179	175	Oklahoma City-----	49	82	390	396
Yonkers-----	28	24	180	182	San Antonio-----	89	73	510	580
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	40	47	343	399	Albuquerque-----	26	36	174	207
Canton-----	30	23	206	180	Colorado Springs-----	11	12	79	102
Chicago-----	758	687	4,509	5,318	Denver-----	88	93	619	840
Cincinnati-----	95	146	854	966	Ogden-----	7	8	60	79
Cleveland-----	205	209	1,316	1,309	Phoenix-----	19	22	152	154
Columbus-----	87	108	675	753	Pueblo-----	20	11	87	104
Dayton-----	66	62	411	396	Salt Lake City-----	34	61	278	339
Detroit-----	323	327	1,988	2,102	Tucson-----	3	5	22	39
Evansville-----	---	(31)	---	(242)	PACIFIC				
Flint-----	---	(38)	---	(215)	Berkeley-----	10	22	114	125
Fort Wayne-----	23	27	158	226	Long Beach-----	32	51	302	294
Gary-----	(16)	(31)	(145)	---	Los Angeles-----	399	480	2,907	3,033
Grand Rapids-----	39	47	257	276	Oakland-----	108	109	592	651
Indianapolis-----	107	112	732	778	Pasadena-----	44	20	198	234
Milwaukee-----	147	129	787	895	Portland, Oreg.-----	75	83	596	657
Peoria-----	31	36	199	197	Sacramento-----	46	60	326	315
South Bend-----	15	21	137	149	San Diego-----	62	77	452	452
Toledo-----	78	85	559	528	San Francisco-----	174	196	1,205	1,359
Youngstown-----	39	43	291	362	Seattle-----	100	133	751	761
WEST NORTH CENTRAL					PACIFIC				
Des Moines-----	50	55	290	367	Spokane-----	34	38	292	269
Duluth-----	25	20	153	177	Tacoma-----	35	36	216	226
Kansas City, Kans.-----	---	---	---	(232)	Honolulu-----	(32)	(32)	(215)	(207)
Kansas City, Mo.-----	96	124	711	956					
Minneapolis-----	105	111	738	924					
Omaha-----	45	79	391	500					

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

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