

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

February 13, 1955

Washington 25, D. C.

Vol. 4, No. 6

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 12, 1955

The total (4,628) scarlet fever and streptococcal sore throat cases reported this week is more than double the number 2,137 reported for the week ended January 1, 1955. The incidence of streptococcal infections usually increases during the late fall and winter months, reaching a peak sometime during March. The cumulative total for the year to date is 22,695 as compared with 25,227 and 24,281, for 1953 and 1954, respectively.

EPIDEMIOLOGICAL REPORTS

Influenza and other respiratory diseases

The following reports have been received by the WHO Influenza Information Center, NIH, and the National Office of Vital Statistics.

Dr. S. S. Kalter, Syracuse, New York, reports the occurrence of a large number of illnesses clinically resembling influenza in that area. Throat washings and blood samples have been obtained for specific identification.

Dr. E. H. Lennette, California Department of Public Health, reports serologic diagnosis of influenza B in 2 individuals from a San Francisco area, having onsets the first part of January.

Dr. Dean Fisher, Maine Commissioner of Health, has reported that influenza-like illnesses have been occurring in various parts of the State since January 22. The areas involved have included persons living on an island; a group of cases mostly in school children in north central Maine, following a "snow carnival"; and several other cities and towns in which there were outbreaks. Paired specimens of blood have been or are being collected for laboratory study. The infections have been mild.

Dr. S. B. Osgood, Oregon Board of Health, has reported the occurrence of unusually large numbers of cases of respiratory diseases in the schools of the city of Portland and Multnomah County. The local health officers, Doctors T. L. Meador and F. S. Hansen, who conducted the investigation, state that a high absenteeism rate began on February 4. The rate varied from 20 to 50 percent. The illness was characterized by a sudden onset, severe headache, general malaise, fever, and some upper respiratory symptoms. Attempts are being made to collect throat washings and paired blood specimens for laboratory study.

The World Health Organization, Geneva, states that mild epidemics of influenza B are occurring in Western Germany and in Yugoslavia. In Germany, the disease appears to be highly contagious and is occurring principally among school children. The outbreaks in Yugoslavia have been reported from various parts of the country.

Illnesses of unknown etiology

The New York Department of Health gives preliminary information on 2 outbreaks of illnesses of unknown etiology. One was in a school where 63 of 80 persons became ill with fever during a 5-day period. Acute phase sera from 4 patients have been submitted for laboratory examination. The other was in an institution where 30 of 240 persons became ill with slight fever and headache, followed by vomiting and diarrhea. Specimens have been secured for laboratory examination.

Rabies in man

The California Department of Public Health gives epidemiologic information on the case of human rabies which was

reported for the week ended December 4, 1954. The victim, who was on a hunting trip, was bitten twice by a skunk in 2 attacks while sleeping. The skunk returned the next morning and was killed by the patient's husband. Nine doses of anti-rabies vaccine was given, but this treatment was not started until 1 month after the incident. Her illness was characterized by difficulty in swallowing, photophobia, generalized weakness, salivation, and apprehension. Rabies virus was isolated in unweaned and adult mice inoculated with a pool of medulla and cerebellum of the victim's brain. Animal inoculation with the skunk brain showed inclusion bodies typical of rabies. Other laboratory tests were, however, essentially negative.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, reports a case of psittacosis in a 36-year-old man. He became ill about January 1 with a feeling of chilliness, chest pain, cough, and a temperature up to 101 degrees. A chest X-ray showed a pneumonic process in left midlung field. Complement fixation test on a blood specimen collected about January 10 was positive for psittacosis in a dilution of 1:64. The titer was 1:128 on a blood specimen collected 10 days later. The patient had a pet owl which was used for hunting. This bird became sick and died about 2 weeks before onset of illness in the patient and was not available for examination. A parakeet also owned by the patient appeared ill. It was killed and brought to the laboratory for an examination, but no virus was isolated.

The California Department of Public Health reports 5 cases of psittacosis in various parts of the State. Diagnosis was confirmed by complement fixing titers of 1:32 on blood specimens of 3 patients; 1:16 of 1; and 1:64 of 1. Four of the patients were exposed to psittacine birds but 1 had no known contact with psittacine birds. However, she did have contact with other birds and chickens. Parakeets associated with 2 patients were positive for psittacosis virus on animal inoculation.

Dr. S. H. Osborne, Connecticut Department of Health, reports a case of psittacosis in a person who had contact with a locally bred parakeet. The bird developed diarrhea and has been sent to the CDC Laboratory in Montgomery, Alabama, for examination. The report has not yet been received. A blood specimen taken from the patient about 7 days after onset of symptoms was negative for psittacosis. A second specimen taken 1 week later was positive in a dilution of 1:4.

Dr. W. R. Giedt, Washington State Department of Health, reports a case of psittacosis in a parakeet dealer. The diagnosis was confirmed by a four-fold rise in complement fixation titer. In December this dealer received a shipment of birds from a local breeder from whom he had not previously purchased parakeets. This source is presently under surveillance by the health department.

Tularemia

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, reports 3 cases of tularemia which occurred late in 1954. One was in a man who dressed wild rabbits 8 days prior to onset of symptoms. The symptoms included headache, chills, general aching, fever, cough, and prostration, and lymphadenitis was present. The agglutination test was positive for tularemia in a dilution of 1:640. The other 2 cases were in a husband and

2 Morbidity and Mortality Weekly Report

wife who handled rabbits less than a week before symptoms occurred. The symptoms were headache, nausea, abdominal pains, fever, and swelling of regional lymph nodes. Agglutination tests for both were positive for the disease in titers of 1:1280.

Salmonellosis

The California Department of Public Health reports 3 outbreaks of salmonellosis which occurred in 1954. In one, 7 persons became ill from 6 to 36 hours after eating turkey in a cafe. Laboratory examination of the turkey showed Salmonella bredeny. Specimens from 4 patients were positive for the same organism. From specimens of 17 food handlers, 4 were found positive for S. bredeny. The other 2 outbreaks occurred at a cocktail party

(25 cases) and at a wedding reception (24 cases). Food for both of these social occasions was served by the same catering service. Bacteriological examination of specimens submitted by 8 patients revealed that 3 from each outbreak were positive for S. newport. No food was available for laboratory tests.

Gastro-enteritis

The Los Angeles County Health Department reports an outbreak of gastro-enteritis among 21 persons who ate cream filled cake in a private residence. Of these, 15 became ill about 6 hours later. The cake was purchased 2 days earlier and was not refrigerated. Bacteriological examination of the cake revealed many golden pigmented colonies of gram positive cocci.

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. 12, 1955	Ended Feb. 13, 1954	Median 1950-54	First 6 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	1 ¹	-	-	4	1	2	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	4	5	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	10	18	---	112	134	---	---	---	---	---
Diphtheria-----055	33	38	72	272	258	480	1,489	1,603	2,662	July 1
Encephalitis, infectious-----082	13	25	18	116	94	94	1,468	821	821	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,054	1,206	---	5,564	6,909	---	---	---	---	---
Malaria-----110-117	1	12	---	18	51	---	(²)	(²)	(²)	(²)
Measles-----085	17,943	12,212	12,212	³ 83,107	59,481	56,623	³ 138,857	95,573	86,013	Sept. 1
Meningococcal infections-----057	97	95	102	599	660	660	1,691	1,982	1,893	Sept. 1
Poliomyelitis-----080	62	135	110	⁴ 619	903	815	⁴ 37,806	35,290	35,290	Apr. 1
Psittacosis-----096.2	⁵ 11	7	---	⁶ 48	12	---	(²)	(²)	(²)	(²)
Rabies in man-----094	7 ¹	-	-	1	1	1	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	2	1	-	7	2	2	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	4,628	4,446	3,159	² 22,695	24,281	15,132	⁸ 60,086	58,915	31,454	Aug. 1
Smallpox-----084	-	-	-	-	-	3	(²)	(²)	(²)	(²)
Trichiniasis-----128	2	10	---	14	30	---	(²)	(²)	(²)	(²)
Tularemia-----059	20	23	14	96	100	100	(²)	(²)	(²)	(²)
Typhoid fever-----040	26	28	28	144	178	180	2,017	2,169	2,169	Apr. 1
Typhus fever, endemic-----101	5	3	---	9	13	---	(²)	(²)	(²)	(²)
Whooping cough-----056	1,267	1,111	1,272	8,402	6,184	7,228	25,684	15,941	21,434	Oct. 1
Rabies in animals-----	119	224	184	⁹ 717	1,016	951	⁸ 2,070	2,800	---	Oct. 1

¹Reported in New York.

²Frequencies are too small.

³Additions: Alabama and Colorado, week ended January 29-38 and 20 cases, respectively.

⁴Deductions: New Jersey and Ohio, week ended February 5-1 and 2 cases, respectively.

⁵Missouri, New York, Virginia, and Washington, 1 case each; Ohio and Texas, 2 cases each; and California, 3.

⁶Addition: Arkansas, week ended January 29, 2 cases.

⁷Reported in Wisconsin.

⁸Addition: Colorado, week ended January 29, 61 cases.

⁹Addition: Iowa, week ended January 29, 2 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.

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 13, 1954, AND FEBRUARY 12, 1955

(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	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	10	18	33	38	13	25	1,054	1,206	1	2	-	10
NEW ENGLAND-----	-	1	2	1	3	1	93	69	-	-	-	-
Maine-----	-	-	-	-	-	-	14	20	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	3	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	5	2	-	-	-	-
Massachusetts-----	-	1	2	1	3	1	28	41	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	12	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	31	5	-	-	-	-
MIDDLE ATLANTIC-----	-	2	2	1	4	5	273	246	-	-	-	-
New York-----	-	1	1	-	3	1	175	173	-	-	-	-
New Jersey-----	-	-	-	1	1	2	5	17	-	-	-	-
Pennsylvania-----	-	1	1	-	-	2	93	56	-	-	-	-
EAST NORTH CENTRAL-----	3	2	2	4	-	-	178	190	-	-	-	1
Ohio-----	-	-	1	2	-	-	29	47	-	-	-	-
Indiana-----	-	-	1	1	-	-	26	36	-	-	-	-
Illinois-----	3	1	-	1	-	-	58	45	-	-	-	-
Michigan-----	-	-	-	-	-	-	38	35	-	-	-	1
Wisconsin-----	-	1	-	-	-	-	27	27	-	-	-	-
WEST NORTH CENTRAL-----	2	6	4	2	2	4	123	136	-	-	-	-
Minnesota-----	-	2	2	-	-	-	46	39	-	-	-	-
Iowa-----	2	3	-	-	-	-	50	59	-	-	-	-
Missouri-----	-	-	-	-	-	-	14	13	-	-	-	-
North Dakota-----	-	-	-	-	-	-	7	7	-	-	-	-
South Dakota-----	-	-	2	-	2	-	-	9	-	-	-	-
Nebraska-----	-	-	-	2	1	2	2	3	-	-	-	-
Kansas-----	-	1	-	-	2	1	4	6	-	-	-	-
SOUTH ATLANTIC-----	2	3	4	11	1	1	103	209	-	-	-	9
Delaware-----	-	-	-	-	-	-	1	2	-	-	-	-
Maryland-----	-	-	-	2	-	-	5	15	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	7	-	-	-	-
Virginia-----	1	-	1	2	1	-	72	137	-	-	-	-
West Virginia-----	-	-	1	-	-	-	6	18	-	-	-	-
North Carolina-----	-	-	1	2	-	-	3	21	-	-	-	9
South Carolina-----	-	-	-	1	-	-	1	5	-	-	-	-
Georgia-----	-	2	1	1	-	1	7	-	-	-	-	-
Florida-----	1	1	-	3	-	-	7	4	-	-	-	-
EAST SOUTH CENTRAL-----	1	2	10	7	-	4	60	137	-	-	-	-
Kentucky-----	-	1	1	2	-	-	9	30	-	-	-	-
Tennessee-----	1	1	2	2	2	2	18	22	-	-	-	-
Alabama-----	-	-	3	2	-	-	19	19	-	-	-	-
Mississippi-----	-	-	4	1	-	2	14	66	-	-	-	-
WEST SOUTH CENTRAL-----	1	-	9	9	-	5	45	66	1	2	-	-
Arkansas-----	-	-	-	-	-	-	4	6	-	-	-	-
Louisiana-----	1	-	2	2	-	-	9	2	-	-	-	-
Oklahoma-----	-	-	1	1	-	-	5	7	-	1	-	-
Texas-----	-	-	6	6	-	5	27	51	1	1	-	-
MOUNTAIN-----	-	1	-	2	-	-	92	54	-	-	-	-
Montana-----	-	-	-	-	-	-	11	6	-	-	-	-
Idaho-----	-	-	-	-	-	-	10	14	-	-	-	-
Wyoming-----	-	1	-	-	-	-	7	1	-	-	-	-
Colorado-----	-	-	-	-	-	-	10	12	-	-	-	-
New Mexico-----	-	-	-	-	-	-	26	2	-	-	-	-
Arizona-----	-	-	2	-	-	-	26	15	-	-	-	-
Utah-----	-	-	-	-	-	-	1	4	-	-	-	-
Nevada-----	-	-	-	-	-	-	1	-	-	-	-	-
PACIFIC-----	1	1	-	1	3	5	87	99	-	-	-	-
Washington-----	-	-	-	1	-	-	26	27	-	-	-	-
Oregon-----	-	1	-	-	-	-	17	28	-	-	-	-
California-----	1	-	-	-	3	5	44	44	-	-	-	-
Alaska-----	-	-	-	-	-	-	6	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	1	5	-	-	-	-	-	-	-	-

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 13, 1954, AND FEBRUARY 12, 1955—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)	
	1955	1954	1955	1954	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	17,943	12,212	97	95	62	135	24	58	18	30	2	1
NEW ENGLAND-----	7,401	272	3	7	1	1	1	-	-	-	-	-
Maine-----	380	207	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	355	4	-	2	-	-	-	-	-	-	-	-
Vermont-----	284	19	-	-	1	-	1	-	-	-	-	-
Massachusetts-----	3,856	28	-	3	-	1	-	-	-	-	-	-
Rhode Island-----	240	2	1	2	-	-	-	-	-	-	-	-
Connecticut-----	2,286	12	2	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	3,293	2,278	23	12	11	10	2	1	-	-	-	-
New York-----	1,173	1,560	7	5	6	7	2	-	-	-	-	-
New Jersey-----	1,432	79	5	4	1	1	-	1	-	-	-	-
Pennsylvania-----	688	639	11	3	4	2	-	-	-	-	-	-
EAST NORTH CENTRAL-----	2,253	2,138	16	11	3	10	-	4	-	2	-	-
Ohio-----	213	281	4	2	2	2	-	1	-	1	-	-
Indiana-----	47	487	2	1	-	1	-	-	-	-	-	-
Illinois-----	269	457	3	3	-	4	-	1	-	-	-	-
Michigan-----	916	719	3	3	-	2	-	2	-	-	-	-
Wisconsin-----	808	194	4	2	1	1	-	-	-	1	-	-
WEST NORTH CENTRAL-----	1,214	425	4	10	7	15	1	5	5	4	-	-
Minnesota-----	467	10	1	1	-	6	-	4	-	1	-	-
Iowa-----	317	152	-	2	3	4	-	-	3	2	-	-
Missouri-----	245	56	1	2	2	1	1	1	1	-	-	-
North Dakota-----	115	85	-	1	-	1	-	-	-	-	-	-
South Dakota-----	2	21	-	2	-	-	-	-	-	-	-	-
Nebraska-----	6	80	1	1	2	2	-	-	1	1	-	-
Kansas-----	62	21	1	1	-	1	-	-	-	-	-	-
SOUTH ATLANTIC-----	374	1,837	16	15	11	24	3	9	5	5	1	1
Delaware-----	3	2	-	-	-	-	-	-	-	-	-	-
Maryland-----	23	322	-	1	-	-	-	-	-	-	-	-
District of Columbia-----	5	29	-	-	-	-	-	-	-	-	-	-
Virginia-----	115	368	2	1	1	2	1	2	-	-	-	-
West Virginia-----	58	109	-	1	-	1	-	1	-	-	-	-
North Carolina-----	7	356	6	4	-	1	-	-	-	1	-	-
South Carolina-----	47	290	-	2	1	-	-	-	1	-	-	-
Georgia-----	69	212	4	3	2	3	-	-	1	-	1	1
Florida-----	47	149	4	3	7	17	2	6	3	4	-	-
EAST SOUTH CENTRAL-----	376	1,154	14	10	5	9	3	2	2	-	-	-
Kentucky-----	48	589	6	4	4	6	3	-	1	-	-	-
Tennessee-----	277	206	4	1	-	-	-	-	-	-	-	-
Alabama-----	30	166	3	3	-	1	-	1	-	-	-	-
Mississippi-----	21	193	1	2	1	2	-	1	1	-	-	-
WEST SOUTH CENTRAL-----	1,133	1,605	13	17	5	12	4	7	-	2	-	-
Arkansas-----	56	132	2	1	-	2	-	2	-	-	-	-
Louisiana-----	12	49	5	5	-	-	-	-	-	-	-	-
Oklahoma-----	13	12	2	1	1	1	-	-	-	-	-	-
Texas-----	1,052	1,412	4	10	4	9	4	5	-	2	-	-
MOUNTAIN-----	586	763	-	4	5	12	2	6	-	2	-	-
Montana-----	5	99	-	2	1	5	1	4	-	-	-	-
Idaho-----	9	129	-	-	-	1	-	-	-	-	-	-
Wyoming-----	-	49	-	-	-	-	-	-	-	-	-	-
Colorado-----	22	53	-	2	2	4	1	2	-	1	-	-
New Mexico-----	208	49	-	-	-	-	-	-	-	-	-	-
Arizona-----	329	131	-	-	-	1	-	-	-	1	-	-
Utah-----	8	251	-	-	2	1	-	-	-	-	-	-
Nevada-----	5	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1,313	1,740	8	9	14	42	8	24	6	15	1	-
Washington-----	232	757	1	-	-	3	-	-	-	-	-	-
Oregon-----	101	95	-	1	1	4	-	3	1	1	-	-
California-----	980	888	7	8	13	35	8	21	5	14	1	-
Alaska-----	4	25	-	-	-	1	-	1	-	-	-	-
Hawaii-----	146	4	-	-	1	6	-	5	1	1	-	-
Puerto Rico-----	97	66	1	-	17	-	17	-	-	-	-	-

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

Morbidity and Mortality Weekly Report

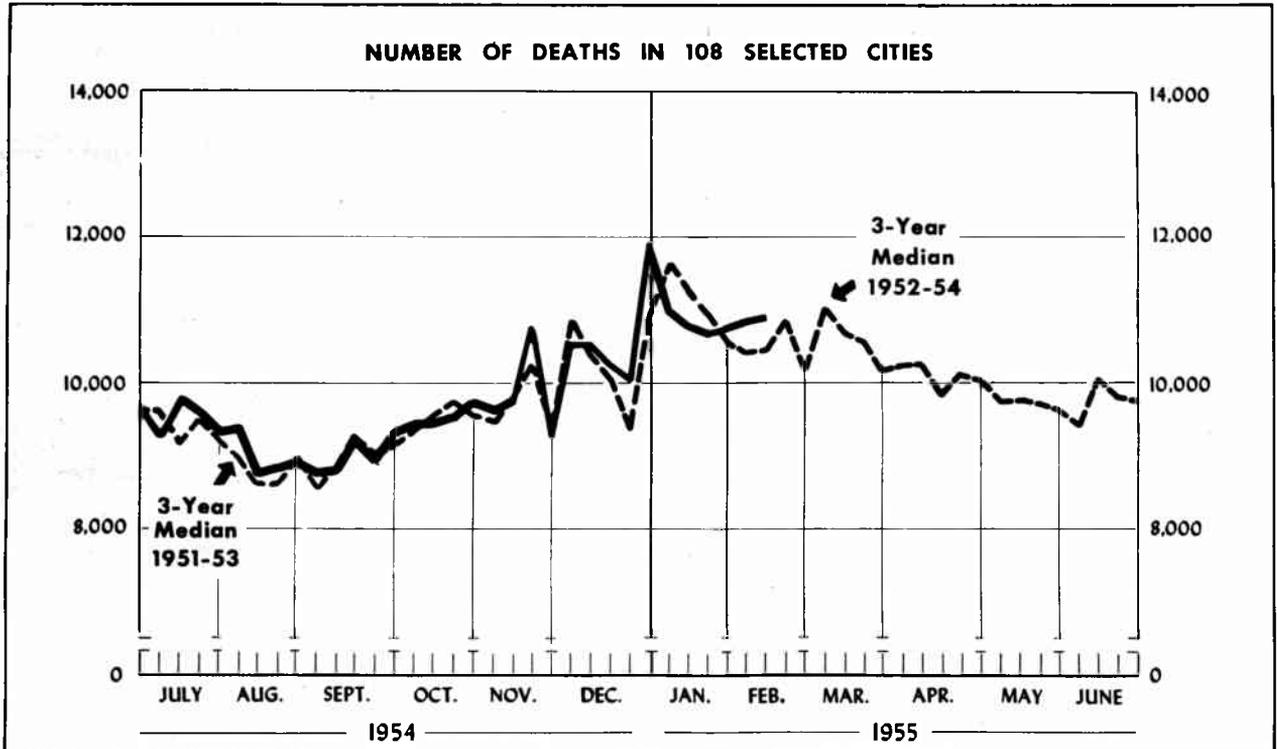
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 13, 1954, AND FEBRUARY 12, 1955—Continued

(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	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	4,628	4,446	2	20	23	26	28	5	1,267	1,111	119	224
NEW ENGLAND-----	278	333	-	-	-	-	1	-	187	150	-	-
Maine-----	17	40	-	-	-	-	-	-	21	6	-	-
New Hampshire-----	12	20	-	-	-	-	-	-	11	6	-	-
Vermont-----	6	5	-	-	-	-	-	-	29	11	-	-
Massachusetts-----	191	187	-	-	-	-	1	-	54	80	-	-
Rhode Island-----	9	12	-	-	-	-	-	-	40	20	-	-
Connecticut-----	43	69	-	-	-	-	-	-	32	27	-	-
MIDDLE ATLANTIC-----	539	588	1	-	2	2	2	-	139	178	8	4
New York-----	196	308	-	-	2	-	-	-	48	99	7	4
New Jersey-----	62	78	-	-	-	-	-	-	36	19	-	-
Pennsylvania-----	281	202	1	-	-	2	2	-	55	60	1	-
EAST NORTH CENTRAL-----	703	821	-	4	4	7	-	-	215	255	13	31
Ohio-----	185	204	-	1	-	3	-	-	23	64	1	2
Indiana-----	176	148	-	-	-	-	-	-	18	25	7	15
Illinois-----	80	163	-	3	4	1	-	-	40	36	1	10
Michigan-----	176	148	-	-	-	2	-	-	90	80	1	3
Wisconsin-----	86	158	-	-	-	1	-	-	44	50	3	1
WEST NORTH CENTRAL-----	113	260	-	1	1	-	3	-	79	26	13	26
Minnesota-----	24	72	-	-	-	-	-	-	30	5	2	5
Iowa-----	18	82	-	-	-	-	-	-	25	9	4	6
Missouri-----	24	33	-	1	-	-	2	-	22	2	6	12
North Dakota-----	26	10	-	-	-	-	-	-	-	-	1	2
South Dakota-----	1	23	-	-	-	-	-	-	-	-	-	-
Nebraska-----	4	12	-	-	-	-	-	-	-	-	-	1
Kansas-----	16	28	-	-	1	-	1	-	2	10	-	-
SOUTH ATLANTIC-----	747	438	-	6	9	6	4	2	111	110	32	51
Delaware-----	8	9	-	-	-	-	-	-	-	-	-	-
Maryland-----	139	42	-	-	1	-	-	-	8	26	-	-
District of Columbia-----	7	15	-	-	-	-	-	-	-	4	-	-
Virginia-----	314	92	-	2	3	2	1	-	38	36	11	13
West Virginia-----	51	67	-	-	-	1	2	-	36	8	6	19
North Carolina-----	99	143	-	-	-	-	-	-	6	19	2	3
South Carolina-----	38	10	-	-	2	-	-	-	5	8	7	12
Georgia-----	53	47	-	2	3	-	-	1	8	3	6	4
Florida-----	38	13	-	2	-	3	1	1	10	6	-	-
EAST SOUTH CENTRAL-----	195	183	1	8	1	4	5	2	116	43	16	36
Kentucky-----	114	88	-	1	-	3	3	-	73	12	4	7
Tennessee-----	61	58	1	6	-	1	1	-	13	7	4	7
Alabama-----	7	13	-	-	-	-	-	1	22	7	7	18
Mississippi-----	13	24	-	1	1	-	1	1	8	17	1	4
WEST SOUTH CENTRAL-----	963	984	-	1	5	2	12	1	177	150	33	74
Arkansas-----	105	91	-	-	-	-	1	-	14	75	8	6
Louisiana-----	6	11	-	1	4	-	5	-	14	1	³ 16	³ 29
Oklahoma-----	25	45	-	-	1	1	1	-	3	3	-	1
Texas-----	827	837	-	-	-	1	5	1	146	71	9	38
MOUNTAIN-----	546	387	-	-	1	2	1	-	76	44	2	1
Montana-----	14	19	-	-	-	-	-	-	6	-	-	-
Idaho-----	38	21	-	-	-	-	-	-	5	1	-	-
Wyoming-----	76	13	-	-	-	-	-	-	1	-	-	-
Colorado-----	94	37	-	-	-	-	-	-	6	3	-	1
New Mexico-----	65	29	-	-	-	2	1	-	26	3	-	-
Arizona-----	227	258	-	-	-	-	-	-	27	37	2	-
Utah-----	28	8	-	-	1	-	-	-	5	-	-	-
Nevada-----	4	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	544	452	-	-	-	3	-	-	167	155	2	1
Washington-----	209	137	-	-	-	-	-	-	32	54	-	-
Oregon-----	80	60	-	-	-	-	-	-	8	20	-	-
California-----	255	255	-	-	-	3	-	-	127	81	2	1
Alaska-----	1	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	7	-	-	-	-	-	-	2	1	-	-
Puerto Rico-----	-	-	-	-	-	8	-	-	28	61	3	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 with a weekly average of 50 deaths, 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. 12, 1955	5th week ended Feb. 5, 1955	6th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 6 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	10,790	10,735	10,371	+4.0	64,361	63,590	+1.2
New England----- (14 cities)	745	730	650	+14.6	4,519	4,349	+3.9
Middle Atlantic----- (17 cities)	3,318	3,230	3,220	+3.0	19,335	18,776	+3.0
East North Central----- (18 cities)	2,273	2,394	2,274	-0.0	13,813	13,865	-0.4
West North Central----- (8 cities)	753	727	693	+8.7	4,180	4,388	-4.7
South Atlantic----- (9 cities)	872	820	788	+10.7	4,874	4,821	+1.1
East South Central----- (8 cities)	478	515	504	-5.2	3,028	3,088	-1.9
West South Central----- (13 cities)	812	839	800	+1.5	5,069	5,159	-1.7
Mountain----- (7 cities)	219	210	206	+6.3	1,339	1,193	+12.2
Pacific----- (12 cities)	1,320	1,270	1,254	+5.3	8,204	7,951	+3.2

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 12, 1955

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

CITY	6th week ended Feb. 12, 1955	5th week ended Feb. 5, 1955	CUMULATIVE NUMBER FOR FIRST 6 WEEKS		CITY	6th week ended Feb. 12, 1955	5th week ended Feb. 5, 1955	CUMULATIVE NUMBER FOR FIRST 6 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL--Con.				
Boston-----	232	243	1,533	1,400	St. Louis-----	229	239	1,264	1,398
Bridgeport-----	38	44	248	231	St. Paul-----	74	67	430	436
Cambridge-----	33	27	188	180	Wichita-----	39	36	239	271
Fall River-----	30	30	179	180	SOUTH ATLANTIC				
Hartford-----	50	59	342	298	Atlanta-----	107	102	658	672
Lowell-----	27	15	154	192	Baltimore-----	257	247	1,426	1,473
Lynn-----	15	29	154	142	Charlotte-----	45	42	206	191
New Bedford-----	28	24	150	146	Jacksonville-----	(45)	(55)	(313)	(337)
New Haven-----	56	52	303	293	Miami-----	56	57	350	367
Providence-----	74	68	405	420	Norfolk-----	56	31	224	196
Somerville-----	16	11	97	96	Richmond-----	77	67	447	396
Springfield, Mass.-----	48	47	283	270	Savannah-----	(38)	(36)	(205)	(167)
Waterbury-----	29	26	173	166	Tampa-----	49	73	368	362
Worcester-----	49	55	310	335	Washington, D. C.-----	180	156	959	967
MIDDLE ATLANTIC					Wilmington, Del.-----	45	45	236	197
Albany-----	55	53	279	276	EAST SOUTH CENTRAL				
Allentown-----	(37)	(53)	(227)	(213)	Birmingham-----	76	91	521	523
Buffalo-----	168	156	924	919	Chattanooga-----	56	45	281	338
Camden-----	54	28	245	249	Knoxville-----	28	27	221	248
Elizabeth-----	31	21	179	197	Louisville-----	103	119	667	646
Erie-----	37	37	211	208	Memphis-----	109	108	647	623
Jersey City-----	96	75	445	475	Mobile-----	22	34	166	206
Newark, N. J.-----	108	130	719	645	Montgomery-----	32	30	191	185
New York City-----	1,715	1,693	10,186	10,017	Nashville-----	52	61	334	319
Paterson-----	33	44	229	255	WEST SOUTH CENTRAL				
Philadelphia-----	491	520	3,046	2,712	Austin-----	39	27	183	149
Pittsburgh-----	213	187	1,134	1,042	Baton Rouge-----	20	21	147	155
Reading-----	(33)	(27)	(153)	(135)	Corpus Christi-----	18	13	106	89
Rochester, N. Y.-----	112	116	611	580	Dallas-----	94	106	585	665
Schenectady-----	25	17	139	177	El Paso-----	20	25	183	186
Scranton-----	(54)	(40)	(229)	(225)	Fort Worth-----	55	69	356	347
Syracuse-----	71	56	344	367	Houston-----	121	132	794	860
Trenton-----	54	38	295	298	Little Rock-----	39	34	263	274
Utica-----	29	26	184	179	New Orleans-----	168	178	975	993
Yonkers-----	26	33	165	180	Oklahoma City-----	65	43	345	390
EAST NORTH CENTRAL					San Antonio-----	73	108	563	510
Akron-----	48	68	348	343	Shreveport-----	53	46	275	234
Canton-----	28	14	172	206	Tulsa-----	47	37	294	307
Chicago-----	764	793	4,479	4,509	MOUNTAIN				
Cincinnati-----	146	168	966	854	Albuquerque-----	27	25	168	174
Cleveland-----	202	270	1,211	1,316	Colorado Springs-----	18	10	83	79
Columbus-----	106	105	682	675	Denver-----	112	116	750	619
Dayton-----	72	76	420	411	Ogden-----	18	13	69	60
Detroit-----	336	336	2,056	1,988	Phoenix-----	28	28	162	152
Evansville-----	32	35	175	207	Pueblo-----	12	14	81	87
Flint-----	36	46	221	236	Salt Lake City-----	---	(42)	---	(278)
Fort Wayne-----	32	34	202	158	Tucson-----	4	4	26	22
Gary-----	(26)	(23)	(172)	(145)	PACIFIC				
Grand Rapids-----	36	32	222	257	Berkeley-----	8	16	102	114
Indianapolis-----	104	126	675	732	Long Beach-----	42	46	312	302
Milwaukee-----	144	116	737	787	Los Angeles-----	527	484	3,105	2,907
Peoria-----	23	34	178	199	Oakland-----	80	81	604	592
South Bend-----	16	22	162	137	Pasadena-----	47	30	219	198
Toledo-----	102	77	596	559	Portland, Oreg.-----	89	114	603	596
Youngstown-----	46	42	311	291	Sacramento-----	46	52	313	326
WEST NORTH CENTRAL					San Diego-----	59	73	501	452
Des Moines-----	62	60	295	290	San Francisco-----	219	162	1,191	1,205
Duluth-----	21	34	164	153	Seattle-----	119	128	781	751
Kansas City, Kans.-----	---	(30)	---	(187)	Spokane-----	46	43	249	292
Kansas City, Mo.-----	119	102	646	711	Tacoma-----	38	41	224	216
Minneapolis-----	144	129	737	738	Honolulu-----	(27)	(51)	(216)	(215)
Omaha-----	65	60	405	391					

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

GPO 320010

If you do not desire to continue receiving
this publication, please check here
and return.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.

Official Business

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
GPO