

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

June 4, 1954

Washington 25, D. C.

Vol. 3, No. 21

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 29, 1954

The large number of psittacosis cases reported for the current week (109) is due principally to cases among employees of several poultry processing plants in Texas. Twelve other cases were reported from 10 different States. The cumulative total since January 1 (234) is far in excess of the number reported in any previous year. More than one-half of these have occurred as a result of contact with nonsittacine birds.

During the 2-week period ended May 29, California reported 38 cases of infectious encephalitis. Eighteen of these were for the current week. During April and the first 2 weeks of May, the weekly average in the State was 7 cases. The cumulative total for the year in California is 119 cases.

A total of 236 cases of poliomyelitis was reported in the United States for the current week. This total excludes reports from Nevada and New Jersey. These 2 States reported only 1 case last week. For the current week a large increase in the incidence of the disease was reported in the West South Central Division. For the current week a total of 78 cases was reported as compared with 58 for the previous week. The incidence continues to increase in California, from 32 cases last week to 43 for the current week. Two other States, Alabama and Ohio, with 12 cases each for the current week, experienced a relatively large increase in incidence over the previous week. In Florida, where a large number of cases have been reported this year, the incidence has shown little change during the past 3 weeks. For these weeks the reported cases are 23, 22, and 21.

EPIDEMIOLOGICAL REPORTS

Brucellosis

The California Department of Public Health has reported a case of brucellosis in a 9-year-old girl which was investigated by Capt. K. A. Forbes, Letterman Army Hospital. The patient had a history of recurrent urinary tract infection and recurrent abdominal pain occasionally simulating appendicitis. Over a period of 5 years a large variety of common urinary tract pathogens were isolated and *Brucella melitensis* was finally isolated in August 1953 after many attempts to recover the organism. It is believed that the child consumed products made from raw goats' milk in Japan. The disease was manifest for the first time several months after arriving in that country. *B. melitensis* was not recovered until 3 years after the patient returned from Japan. Brucella agglutination tests were negative in other members of the family in April 1954.

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, reports a case of psittacosis in a 53-year-old woman. The diagnosis was confirmed by laboratory examination of blood specimens which were positive for psittacosis. The patient had been exposed to a parakeet for 2 or 3 weeks prior to the onset of her illness. The bird died about the time of the onset and was burned without a laboratory examination. This parakeet had been purchased from a department store which had received two shipments of birds—one from New York City and one from Florida. It is not known from which lot the patient's bird was taken. At the time of the investigation 10 birds, all apparently in good health, were in the store. However, only 5 of these had been tested. No other cases

of psittacosis have been reported among persons who purchased birds at this store.

Dr. E. R. Price, Veterinarian, Missouri Department of Health and Welfare, reports a case of psittacosis in a 46-year-old traveling salesman. The patient had made several daily visits to a pet shop in Pennsylvania. He noticed some parakeets were "wobbling around" and appeared ill but no birds were actually handled. About a week later he became ill with headache, chills, malaise, and anorexia. A chest X-ray showed diffuse pneumonitis of the left lung. The diagnosis was confirmed by a titer of 1:16 in a complement fixation test for psittacosis.

Dr. Ben F. Wyman, South Carolina State Board of Health, reports 2 cases of psittacosis, the first in the State in 1954. The patients, a father and son, became ill suddenly with what appeared to be an unusual severe influenza, with high fever, marked prostration, and some cough. They had recently purchased 4 parakeets from local breeders—3 from one and 1 from another. The 3 birds from the same source died and were discarded. When the patients became ill, they killed and discarded the fourth bird. Thus, none were available for laboratory examination. The local breeders deny having any sickness or deaths in their flocks. Blood specimens from the older patient were negative. The first specimen from the younger patient was negative but the second showed positive agglutinations in a dilution of 1:128 for psittacosis.

Leprosy

The North Carolina Board of Health has reported a case of leprosy in an adult who was in the Philippine Islands during 1946 and 1947.

Infectious hepatitis

Dr. J. R. Amos, Missouri Department of Health and Welfare, reports an outbreak of infectious hepatitis among persons in an institution. The outbreak was limited to one section housing about 75 teen-age boys, and since the first of the year 20 cases have occurred. Gamma globulin was administered early in May to intimate contacts. For that month 4 cases were reported as compared with 10 for April.

Salmonellosis

The California Department of Public Health reports an outbreak of salmonellosis among guests who attended a party at a private residence. Eight became ill from 4 to about 30 hours after eating food prepared by a number of persons. No history of previous illness was found among these food handlers. The meal consisted of boiled chicken added to chili, beans, tortillas, potato salad, and macaroni salad. The salads were prepared and stored for almost 2 days in open containers without refrigeration. No food specimens were collected for bacteriological examination but stool specimens from 4 patients yielded *Salmonella typhimurium*.

Gastro-enteritis

Dr. Mason Romaine gives additional information on the outbreak of gastro-enteritis recently reported in Virginia. See the "Morbidity and Mortality Weekly Report" for week ended May 22. There were 469 students and instructors affected in the school. All the patients were awakened by severe abdominal cramps

followed immediately by a strong urge for defecation and later by diarrhea. All reported nausea but vomiting was almost entirely absent. Although the investigation pointed to potato salad as the offending food, all remaining parts of the menu served at 6:35 p. m. the evening before were impounded for laboratory tests. Milk and ice cream were excluded because they were served in individual containers from national dairies. The salad consisted of potatoes, celery, green peppers, onions, sweet pickles, hard boiled eggs, and dressing. The boiled dressing and the mayonnaise were both prepared in the school kitchen. The mayonnaise, which was considered a possible vehicle of infection, showed only 1 colony of growth on culture. Bacteriological examination of the potato salad showed numerous colonies of *Staphylococcus albus*. This organism was recovered from a large electric mixer used to mix the salad and also from an

abrasion on the hand of one of the dishwashers. The California Department of Public Health reports an outbreak of gastro-enteritis among 228 persons who attended a banquet in a restaurant. It was estimated that 144 persons partook of seafood cocktails which were suspected to be the vehicle of infection. Of these persons, 57 became ill with nausea, cramps, diarrhea, and aching in back, arms, and legs from 6 to 18 hours later. The seafood cocktail consisted of lobster and shrimp (both received frozen), chili sauce, horseradish, and lemon. The exact time of preparation as well as the length of time of exposure at room temperature was not determined because the incident was not reported to the local health department until 4 days after the last case occurred. The 3 food handlers submitted stool specimens but all were negative for pathogens.

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	21st week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 29, 1954	Ended May 30, 1953	Median 1949-53	First 21 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	1	8	19	19	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	6	13	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	46	37	---	619	646	---	(2)	(2)	(2)	(2)
Diphtheria-----055	12	39	56	748	901	1,705	2,113	2,572	4,731	July 1
Encephalitis, infectious-----082	39	33	20	554	405	349	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,035	705	---	26,404	14,361	---	(2)	(2)	(2)	(2)
Malaria-----110-117	25	22	---	174	250	---	(2)	(2)	(2)	(2)
Measles-----085	26,839	20,540	20,528	471,576	321,698	364,373	507,668	353,132	393,763	Sept. 1
Meningococcal infections-----057	82	127	64	2,264	2,892	2,113	3,586	4,167	3,192	Sept. 1
Polioyelitis-----080	236	197	118	² 2,689	2,569	1,878	¹ 1,136	988	623	Apr. 1
Psittacosis-----096.2	109	4	---	⁴ 234	16	---	(2)	(2)	(2)	(2)
Rabies in man-----094	⁵ 1	-	-	2	2	---	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	9	15	15	55	51	53	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	3,048	3,079	1,667	90,035	84,725	51,890	124,669	121,313	75,096	Aug. 1
Smallpox-----084	-	-	-	-	4	10	(2)	(2)	(2)	(2)
Trichinosis-----128	6	-	---	120	119	---	(2)	(2)	(2)	(2)
Tularemia-----059	13	5	17	249	222	291	(2)	(2)	(2)	(2)
Typhoid fever-----040	35	41	38	652	597	653	243	292	243	Apr. 1
Typhus fever, endemic-----101	7	5	---	60	70	---	26	30	---	Apr. 1
Whooping cough-----056	1,172	751	1,139	22,719	13,464	23,217	32,476	21,321	37,481	Oct. 1
Rabies in animals-----	122	127	---	3,537	3,449	---	(2)	(2)	(2)	(2)

¹Reported in Pennsylvania.
²Information not available or frequencies are too small.
³Deduction: Georgia, week ended May 15, 1 case.
⁴California, Delaware, Georgia, Maryland, Missouri, Pennsylvania, Washington, and Wisconsin, 1 case each; Colorado and Illinois, 2 cases each; Texas, 97 cases.
⁵Reported in Georgia.

NOTE.—No reports for the current week have been received from New Jersey and Nevada.

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 MAY 30, 1953, AND MAY 29, 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-----	46	37	12	39	39	33	1,035	705	15	12	10	10
NEW ENGLAND-----	2	-	2	1	2	-	53	39	-	-	-	-
Maine-----	-	-	-	-	-	-	4	3	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	6	1	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	2	1	1	-	29	22	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	2	8	-	-	-	-
Connecticut-----	1	-	-	-	1	-	12	5	-	-	-	-
MIDDLE ATLANTIC-----	4	2	-	4	8	17	223	109	2	1	1	3
New York-----	3	1	-	1	8	16	187	80	2	1	1	3
New Jersey-----	-	1	-	3	-	1	-	-	-	-	-	-
Pennsylvania-----	1	-	-	-	-	-	36	29	-	-	-	-
EAST NORTH CENTRAL-----	10	5	2	2	7	3	121	108	4	-	3	-
Ohio-----	-	-	1	1	1	-	46	28	1	-	-	-
Indiana-----	-	-	1	-	2	-	7	16	3	-	-	-
Illinois-----	3	4	-	1	1	-	37	48	-	-	3	-
Michigan-----	-	1	-	-	3	3	21	8	-	-	-	-
Wisconsin-----	7	-	-	-	-	-	10	8	-	-	-	-
WEST NORTH CENTRAL-----	10	14	-	8	1	1	259	126	-	1	-	-
Minnesota-----	1	2	-	1	-	-	70	26	-	-	-	-
Iowa-----	5	6	-	-	-	1	145	52	-	-	-	-
Missouri-----	3	2	-	7	-	-	32	21	-	-	-	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	2	-	-	-	-	-
Nebraska-----	-	-	-	-	1	-	-	23	-	-	-	-
Kansas-----	1	4	-	-	-	-	10	4	-	-	-	-
SOUTH ATLANTIC-----	2	10	2	7	-	5	118	125	-	-	3	2
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	-	-	1	27	4	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	6	-	-	-	-
Virginia-----	-	-	-	1	-	2	64	58	-	-	-	1
West Virginia-----	-	-	-	-	-	-	10	15	-	-	-	-
North Carolina-----	-	-	-	3	-	2	7	10	-	-	1	-
South Carolina-----	-	1	2	-	-	-	1	1	-	-	-	-
Georgia-----	1	7	-	2	-	-	1	10	-	-	-	-
Florida-----	1	2	-	1	-	-	7	21	-	-	2	1
EAST SOUTH CENTRAL-----	1	-	-	7	2	2	57	78	-	-	-	-
Kentucky-----	-	-	-	2	-	-	6	8	-	-	-	-
Tennessee-----	-	-	-	1	1	-	19	15	-	-	-	-
Alabama-----	-	-	-	3	1	2	7	32	-	-	-	-
Mississippi-----	1	-	-	1	-	-	25	23	-	-	-	-
WEST SOUTH CENTRAL-----	8	5	6	9	1	4	50	42	8	6	-	1
Arkansas-----	4	4	-	1	1	-	3	1	-	-	-	1
Louisiana-----	1	-	-	1	-	-	4	-	-	-	-	-
Oklahoma-----	-	-	1	-	-	-	1	2	-	-	-	-
Texas-----	3	1	5	7	-	4	42	39	8	6	-	-
MOUNTAIN-----	4	-	-	-	-	1	51	16	-	1	-	-
Montana-----	-	-	-	-	-	-	-	4	-	-	-	-
Idaho-----	2	-	-	-	-	-	12	2	-	-	-	-
Wyoming-----	-	-	-	-	-	-	1	-	-	1	-	-
Colorado-----	-	-	-	-	-	-	15	5	-	-	-	-
New Mexico-----	2	-	-	-	-	-	16	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	7	-	-	-	-	-
Utah-----	-	-	-	-	-	1	-	5	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	1	-	1	18	-	103	62	1	3	3	4
Washington-----	5	-	-	-	-	-	19	26	-	-	-	-
Oregon-----	-	-	-	1	-	-	33	10	-	-	-	-
California-----	-	1	-	-	18	-	51	26	1	3	3	4
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	-	-	-	-	-
Puerto Rico-----	-	-	2	5	-	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 MAY 30, 1953, AND MAY 29, 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-----	26,839	20,540	82	127	236	197	93	58	59	54	9	15
NEW ENGLAND-----	1,259	237	6	6	-	6	-	3	-	1	-	-
Maine-----	94	36	-	-	-	1	-	1	-	-	-	-
New Hampshire-----	2	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	44	8	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	892	128	4	5	-	4	-	2	-	1	-	-
Rhode Island-----	71	15	2	-	-	-	-	-	-	-	-	-
Connecticut-----	156	50	-	1	-	1	-	-	-	-	-	-
MIDDLE ATLANTIC-----	5,389	1,262	9	19	5	13	-	5	1	-	-	4
New York-----	3,227	396	5	9	4	11	-	4	1	-	-	2
New Jersey-----	---	175	---	4	---	---	---	1	---	---	---	1
Pennsylvania-----	2,162	691	4	6	1	1	-	-	-	-	-	1
EAST NORTH CENTRAL-----	5,604	4,851	12	31	26	17	7	2	6	5	-	2
Ohio-----	1,114	1,268	4	9	12	2	2	1	2	-	-	1
Indiana-----	490	347	4	4	-	5	-	-	-	-	-	-
Illinois-----	2,033	638	2	10	3	2	1	-	-	-	-	1
Michigan-----	1,603	1,035	1	6	8	6	4	1	3	5	-	-
Wisconsin-----	364	1,563	1	2	3	2	-	-	1	-	-	-
WEST NORTH CENTRAL-----	1,090	1,681	3	7	10	17	3	8	1	6	-	-
Minnesota-----	75	145	-	4	1	5	-	3	-	-	-	-
Iowa-----	796	543	-	1	1	3	1	-	-	3	-	-
Missouri-----	87	198	2	2	5	5	-	3	-	2	-	-
North Dakota-----	31	59	-	-	-	-	-	-	-	-	-	-
South Dakota-----	57	2	-	-	-	1	-	-	-	-	-	-
Nebraska-----	20	138	-	-	1	3	1	2	-	1	-	-
Kansas-----	24	596	1	-	2	-	-	1	-	-	-	-
SOUTH ATLANTIC-----	3,527	1,501	10	16	40	18	15	9	6	3	4	5
Delaware-----	170	18	-	-	-	-	-	-	-	-	-	-
Maryland-----	536	115	1	-	-	1	-	1	-	-	1	-
District of Columbia-----	144	14	-	-	-	-	-	-	-	-	-	-
Virginia-----	1,023	243	2	1	4	4	2	4	2	-	1	3
West Virginia-----	480	228	1	1	4	4	2	1	-	2	-	-
North Carolina-----	318	490	1	5	-	2	-	1	-	1	2	-
South Carolina-----	85	100	1	3	2	-	-	-	-	-	-	-
Georgia-----	309	212	2	4	9	1	5	-	-	-	-	2
Florida-----	462	81	2	2	21	5	6	2	4	-	-	-
EAST SOUTH CENTRAL-----	1,068	514	15	18	23	25	3	-	-	2	2	1
Kentucky-----	221	107	3	4	3	3	1	-	-	-	1	-
Tennessee-----	605	81	-	4	2	7	-	-	-	2	1	1
Alabama-----	158	69	11	9	12	11	-	-	-	-	-	-
Mississippi-----	84	257	1	1	6	4	2	-	-	-	-	-
WEST SOUTH CENTRAL-----	3,713	4,809	18	14	78	57	34	17	28	17	1	-
Arkansas-----	81	468	6	-	12	2	10	2	2	-	1	-
Louisiana-----	47	131	5	1	10	5	7	2	3	3	-	-
Oklahoma-----	154	330	1	4	8	3	3	-	3	1	-	-
Texas-----	3,431	3,880	6	9	48	47	14	13	20	13	-	-
MOUNTAIN-----	964	1,376	1	2	4	9	1	2	-	-	2	2
Montana-----	250	91	-	-	-	-	-	-	-	-	-	-
Idaho-----	88	69	-	-	1	-	-	-	-	-	1	-
Wyoming-----	12	64	-	-	-	-	-	-	-	-	1	2
Colorado-----	71	448	1	1	1	4	1	-	-	-	-	-
New Mexico-----	68	209	-	-	2	-	-	-	-	-	-	-
Arizona-----	226	287	-	1	-	3	-	2	-	-	-	-
Utah-----	249	199	-	-	-	2	-	-	-	-	-	-
Nevada-----	---	9	---	-	---	-	---	-	---	-	---	-
PACIFIC-----	4,225	4,309	8	14	50	35	30	12	17	20	-	1
Washington-----	1,036	735	-	1	4	-	3	-	-	-	-	-
Oregon-----	211	475	1	2	3	2	1	2	-	-	-	1
California-----	2,978	3,099	7	11	43	33	26	10	17	20	-	-
Alaska-----	66	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	5	3	-	-	8	1	4	-	4	-	-	-
Puerto Rico-----	97	31	-	-	-	1	-	1	-	-	-	-

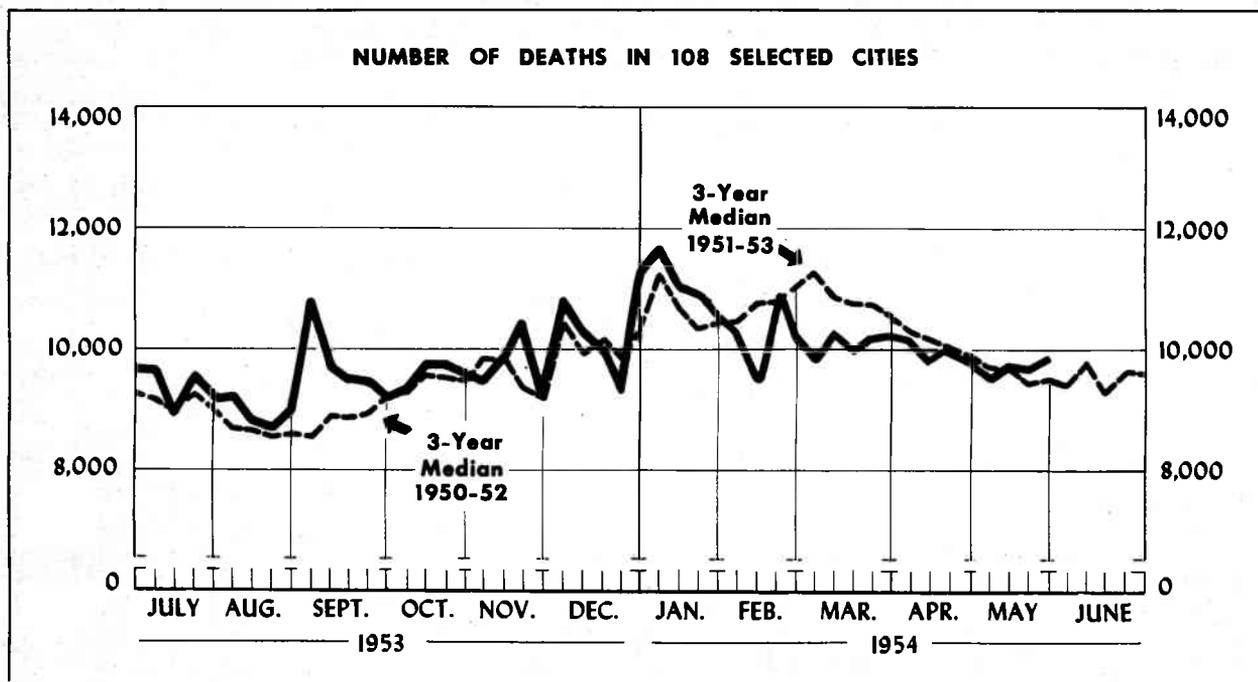
²Includes cases not specified by type, category number (080.3).

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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 MAY 30, 1953, AND MAY 29, 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)	WHOOPIING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	3,048	3,079	6	13	5	35	41	7	1,172	751	122	127
NEW ENGLAND-----	273	286	1	-	-	-	-	-	105	72	-	-
Maine-----	49	70	-	-	-	-	-	-	1	4	-	-
New Hampshire-----	18	3	-	-	-	-	-	-	-	2	-	-
Vermont-----	12	-	-	-	-	-	-	-	1	23	-	-
Massachusetts-----	120	114	1	-	-	-	-	-	46	36	-	-
Rhode Island-----	4	32	-	-	-	-	-	-	22	2	-	-
Connecticut-----	70	67	-	-	-	-	-	-	35	5	-	-
MIDDLE ATLANTIC-----	321	406	5	-	-	4	8	-	160	153	5	5
New York-----	209	285	5	-	-	3	3	-	81	77	4	3
New Jersey-----	---	56	---	---	---	---	---	---	---	22	---	---
Pennsylvania-----	112	65	-	-	-	1	5	-	79	54	1	2
EAST NORTH CENTRAL-----	404	501	-	-	-	1	3	-	190	85	27	11
Ohio-----	105	116	-	-	-	-	2	-	56	23	5	-
Indiana-----	18	22	-	-	-	-	-	-	21	3	4	4
Illinois-----	71	93	-	-	-	-	-	-	32	5	4	4
Michigan-----	119	182	-	-	-	-	-	-	67	39	6	3
Wisconsin-----	91	88	-	-	-	1	1	-	14	16	8	-
WEST NORTH CENTRAL-----	129	156	-	-	-	1	2	-	36	25	22	19
Minnesota-----	36	55	-	-	-	-	-	-	17	3	4	3
Iowa-----	24	32	-	-	-	1	-	-	6	-	12	2
Missouri-----	43	19	-	-	-	-	-	-	9	9	4	3
North Dakota-----	3	18	-	-	-	-	1	-	-	-	-	1
South Dakota-----	6	4	-	-	-	-	-	-	-	3	-	-
Nebraska-----	-	11	-	-	-	-	1	-	-	1	2	10
Kansas-----	17	17	-	-	-	-	-	-	4	9	-	-
SOUTH ATLANTIC-----	312	203	-	-	1	6	7	3	127	42	25	35
Delaware-----	2	1	-	-	-	-	-	-	-	-	-	-
Maryland-----	59	60	-	-	-	-	-	-	20	3	-	-
District of Columbia-----	6	2	-	-	-	-	-	-	4	10	-	-
Virginia-----	132	95	-	-	-	-	-	-	32	4	9	10
West Virginia-----	46	17	-	-	-	-	4	-	29	4	6	7
North Carolina-----	30	12	-	-	-	1	1	-	7	6	1	3
South Carolina-----	1	3	-	-	-	2	-	-	11	4	7	4
Georgia-----	20	6	-	-	1	1	-	2	18	2	1	9
Florida-----	16	7	-	-	-	2	2	1	6	9	1	2
EAST SOUTH CENTRAL-----	125	52	-	1	1	10	3	-	79	39	17	24
Kentucky-----	41	10	-	-	-	4	1	-	19	-	2	5
Tennessee-----	76	30	-	-	-	1	1	-	38	22	8	8
Alabama-----	4	7	-	-	1	5	1	-	18	5	7	10
Mississippi-----	4	5	-	1	-	-	-	-	4	12	-	1
WEST SOUTH CENTRAL-----	854	689	-	8	-	12	10	4	236	232	26	28
Arkansas-----	67	32	-	1	-	1	2	-	45	25	6	3
Louisiana-----	4	3	-	-	-	3	-	-	1	2	-	-
Oklahoma-----	23	21	-	-	-	-	-	-	3	12	1	1
Texas-----	740	633	-	7	-	8	8	4	187	193	19	24
MOUNTAIN-----	377	288	-	4	3	-	6	-	63	16	-	2
Montana-----	3	11	-	-	1	-	-	-	4	6	-	-
Idaho-----	8	41	-	-	-	-	1	-	5	1	-	-
Wyoming-----	1	75	-	3	-	-	-	-	-	1	-	-
Colorado-----	11	79	-	-	-	-	-	-	5	4	-	-
New Mexico-----	47	15	-	-	-	-	1	-	17	1	-	-
Arizona-----	281	20	-	1	-	-	-	-	15	3	-	2
Utah-----	26	45	-	-	2	-	4	-	17	-	-	-
Nevada-----	---	2	---	---	-	---	-	---	---	-	---	-
PACIFIC-----	273	498	-	-	-	1	2	-	176	86	-	3
Washington-----	36	134	-	-	-	-	-	-	36	15	-	-
Oregon-----	29	30	-	-	-	-	-	-	24	27	-	-
California-----	208	334	-	-	-	1	2	-	116	44	-	3
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	3	3	-	-
Puerto Rico-----	-	-	-	-	-	-	1	-	116	11	1	1



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	21st week ended May 29, 1954	20th week ended May 22, 1954	21st week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 21 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	9,779	9,614	9,385	+4.2	212,257	223,272	-4.9
New England----- (14 cities)	647	651	620	+4.4	14,382	14,806	-2.9
Middle Atlantic----- (17 cities)	2,997	2,911	2,753	+8.9	63,513	66,562	-4.6
East North Central----- (18 cities)	2,253	2,235	2,109	+6.8	46,867	49,571	-5.5
West North Central----- (8 cities)	676	680	657	+2.9	14,882	16,451	-9.5
South Atlantic----- (9 cities)	760	734	738	+3.0	16,479	17,462	-5.6
East South Central----- (8 cities)	407	443	445	-8.5	9,864	10,376	-4.9
West South Central----- (13 cities)	709	686	682	+4.0	16,167	16,793	-3.7
Mountain----- (8 cities)	224	219	215	+5.2	4,910	5,465	-10.2
Pacific----- (11 cities)	1,106	1,057	1,068	+3.6	25,193	25,786	-2.3

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 29, 1954

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

CITY	21st week ended May 29, 1954	20th week ended May 22, 1954	CUMULATIVE NUMBER FOR FIRST 21 WEEKS		CITY	21st week ended May 29, 1954	20th week ended May 22, 1954	CUMULATIVE NUMBER FOR FIRST 21 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	242	206	4,763	5,022	St. Louis-----	190	225	4,820	5,455
Bridgeport-----	33	45	767	702	St. Paul-----	66	69	1,395	1,430
Cambridge-----	26	27	615	610	Wichita-----	50	41	871	890
Fall River-----	20	30	630	611	SOUTH ATLANTIC				
Hartford-----	53	37	972	1,009	Atlanta-----	97	103	2,214	2,327
Lowell-----	25	31	616	559	Baltimore-----	217	196	4,694	5,112
Lynn-----	14	21	454	467	Charlotte-----	31	37	668	633
New Bedford-----	20	27	477	517	Jacksonville-----	(46)	(46)	(1,058)	---
New Haven-----	41	41	973	961	Miami-----	86	86	1,476	1,358
Providence-----	49	49	1,314	1,348	Norfolk-----	24	22	621	702
Somerville-----	7	20	313	336	Richmond-----	54	60	1,338	1,435
Springfield, Mass.-----	32	51	857	868	Savannah-----	---	---	---	---
Waterbury-----	33	30	542	582	Tampa-----	36	42	1,186	1,253
Worcester-----	52	36	1,089	1,214	Washington, D. C.-----	191	152	3,576	3,938
MIDDLE ATLANTIC					Wilmington, Del.-----	24	36	706	704
Albany-----	41	39	954	983	EAST SOUTH CENTRAL				
Allentown-----	(33)	(35)	(740)	---	Birmingham-----	68	67	1,643	1,553
Buffalo-----	136	121	3,017	3,096	Chattanooga-----	38	38	957	1,042
Camden-----	39	24	785	767	Knoxville-----	22	36	717	733
Elizabeth-----	22	17	599	672	Louisville-----	102	122	2,278	2,343
Erie-----	36	37	712	734	Memphis-----	90	90	1,973	2,265
Jersey City-----	65	78	1,548	1,554	Mobile-----	26	25	667	686
Newark, N. J.-----	96	112	2,139	2,329	Montgomery-----	23	22	561	612
New York City-----	1,570	1,535	33,544	35,046	Nashville-----	38	43	1,068	1,142
Paterson-----	49	36	853	852	WEST SOUTH CENTRAL				
Philadelphia-----	506	476	9,973	10,635	Austin-----	18	27	522	540
Pittsburgh-----	154	142	3,485	3,799	Baton Rouge-----	22	23	468	317
Reading-----	(22)	(13)	(451)	---	Corpus Christi-----	23	12	343	388
Rochester, N. Y.-----	108	97	2,001	2,103	Dallas-----	105	86	2,023	2,044
Schenectady-----	25	16	504	522	El Paso-----	28	30	563	630
Scranton-----	(33)	(46)	(730)	---	Fort Worth-----	55	61	1,114	1,253
Syracuse-----	48	62	1,192	1,153	Houston-----	100	107	2,611	2,646
Trenton-----	36	42	984	1,066	Little Rock-----	27	54	852	930
Utica-----	39	42	662	682	New Orleans-----	132	110	3,142	3,398
Yonkers-----	27	35	581	569	Oklahoma City-----	58	45	1,214	1,180
EAST NORTH CENTRAL					San Antonio-----	70	70	1,628	1,776
Akron-----	65	57	1,187	1,281	Shreveport-----	35	28	789	889
Canton-----	22	26	623	631	Tulsa-----	36	33	898	802
Chicago-----	755	756	15,552	16,628	MOUNTAIN				
Cincinnati-----	139	142	2,961	3,190	Albuquerque-----	23	18	563	579
Cleveland-----	207	201	4,334	4,520	Colorado Springs-----	9	11	257	286
Columbus-----	115	85	2,146	2,331	Denver-----	110	101	2,180	2,433
Dayton-----	64	77	1,373	1,370	Ogden-----	8	13	219	255
Detroit-----	295	327	6,674	7,045	Phoenix-----	20	19	484	528
Evansville-----	27	25	670	720	Pueblo-----	10	16	277	306
Flint-----	31	32	798	792	Salt Lake City-----	38	38	844	958
Fort Wayne-----	40	24	561	650	Tucson-----	6	3	86	120
Gary-----	(26)	(26)	(521)	---	PACIFIC				
Grand Rapids-----	38	38	857	873	Berkeley-----	13	21	382	378
Indianapolis-----	105	86	2,415	2,448	Long Beach-----	48	52	1,055	1,029
Milwaukee-----	133	140	2,611	2,723	Los Angeles-----	392	372	9,594	9,857
Peoria-----	33	33	660	668	Oakland-----	85	85	2,037	2,145
South Bend-----	36	25	486	516	Pasadena-----	40	40	713	745
Toledo-----	90	109	1,909	2,014	Portland, Oreg.-----	122	79	2,100	2,225
Youngstown-----	58	50	1,050	1,171	Sacramento-----	38	49	992	1,026
WEST NORTH CENTRAL					San Diego-----	---	(65)	---	(1,579)
Des Moines-----	56	45	1,021	1,067	San Francisco-----	188	167	3,976	4,240
Duluth-----	24	19	553	572	Seattle-----	111	115	2,614	2,505
Kansas City, Kans.-----	---	(32)	---	(711)	Spokane-----	40	42	978	908
Kansas City, Mo.-----	111	111	2,425	2,745	Tacoma-----	29	35	752	728
Minneapolis-----	117	118	2,503	2,832	Honolulu-----	(32)	(26)	(735)	(678)
Omaha-----	62	52	1,294	1,460					

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

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Public Health Service
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