

# Morbidity and Mortality

Weekly  
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 22, 1955

The incidence of infectious hepatitis continues to increase. The number of reported cases (1,051) for the current week exceeds that (969) for the previous week by about 8 percent.

During the first 3 weeks of 1955, a total of 2,638 cases has been reported as compared with 2,976 for the corresponding period of 1954. The South Atlantic Division has reported 265 cases during the 3-week period of this year as compared with 620 for the same period of last year. The New England Division, with 249 cases for the year to date, has reported the largest increase over the number (143) for the corresponding period of 1954.

### EPIDEMIOLOGICAL REPORTS

#### Anthrax in animals

According to the monthly report from the Department of Agriculture for December 1954, there were 3 outbreaks of animal anthrax during the month, 1 each in 3 States. As a result of these outbreaks 8 cattle were lost. The source of infection for 2 outbreaks was infected soil, and for 1 it was not determined. Reports from 39 States, the District of Columbia, and Hawaii show no anthrax outbreaks for December.

The monthly reports during 1954 listed 427 outbreaks of anthrax in animals from 23 States and Puerto Rico. Of these, 405 resulted from infected soil and 1 was from contaminated feed. Animal losses were approximately 2,300, with almost three-fourths being cattle. During the summer extensive outbreaks were reported from Louisiana and Mississippi. In Louisiana about 1,800 animals were lost in more than 300 outbreaks. Mississippi reported 23 outbreaks in which 193 animals (100 sheep) were lost. About the middle of June an outbreak occurred in a zoo in Washington State, where 25 animals were lost.

#### Psittacosis

Dr. S. B. Osgood, Oregon State Board of Health, reports a case of psittacosis in a 65-year-old woman who became ill with headache, chills, and fever. Two days later, in a severely toxic and delirious state, she was admitted to a hospital. A chest X-ray showed evidence of diffuse patchy infiltration of the lungs. She was a parakeet breeder and owned 20 birds at the time of her illness. Some of the birds had been purchased in the State and others were from California. One of the parakeets, purchased locally 2 years ago, became ill and died 2 days before onset of symptoms in the patient. All other birds have remained well. None of the birds have been examined for the psittacosis virus. Blood specimens collected from the patient showed a four-fold rise in titer, from 1:8 for the acute phase to 1:32 for the convalescent.

#### Diphtheria

Dr. D. S. Fleming, Minnesota Department of Health, reports an outbreak of diphtheria which involved 11 known cases in 5 families living in the northern part of the State. Two of the cases were fatal—1 in a 39-year-old man and 1 in a 6-year-old boy. The cases occurred in widely separated families and there were no known contacts. The source and mode of spread has not as yet been determined.

#### Influenza

The Division of Preventive Medicine, Bureau of Medicine and Surgery, Department of the Navy, has reported to the WHO Influenza Information Center, NIH, that influenza B virus has been isolated from a single case on December 31, 1954, at a naval installation in Illinois. The virus is antigenically similar to the strains recovered at the same installation last winter. There has been no unusual incidence of influenza-like illness so far at this station.

Reports have been received that small outbreaks of influenza B have been occurring in northern England and Wales since the first of December. No details regarding virus isolation or serologic tests have been received.

Information has been received at the WHO in Geneva, that an outbreak of influenza B has been occurring at the Helder in northern Holland, starting about January 7. The virus isolated is related to the 1952 B strains.

#### Shigellosis

Dr. S. B. Osgood reports an outbreak of shigellosis in a small one-room school in the northeastern part of Oregon. Seven cases of diarrhea occurred among the 14 pupils, 1 teacher, a cook, and the cook's daughter. The cook prepared the food in her home and brought it to the school. At the time of the outbreak only 1 stool specimen was collected—that of the cook's daughter. Laboratory examination showed it was positive for Shigella flexner, type III. About 3 weeks after the outbreak a specimen was collected from the cook, but it was negative as might have been expected. No food was available for bacteriological examination.

#### Salmonellosis

Dr. Israel Gitlitz, New York City Health Department, reports an outbreak of salmonellosis among 5 unrelated groups who celebrated at a night club on 3 consecutive days. It was estimated that the total number attending was 200. After incubation periods of from 10 to 36 hours, about 75 persons, a few of whom had fever, became ill with nausea, vomiting, and diarrhea. There was 1 death, the cause being noted as coronary thrombosis, but no autopsy was performed. Stool specimens were obtained from 36 of the diners and 11 were found to be positive for Salmonella panama. The same organism was recovered on routine examination from the stool of one of the regular employees, who did not have any history of illness. Specimens of food handlers are still in process of examination and the source of infection has not been definitely established, but it is believed to be a carrier. An investigation revealed that high attack rates occurred among persons who ate turkey with gravy or shrimp with sauce. Although, no enteric pathogens were recovered, the total bacterial counts of the turkey and of the shrimp were high. No samples of gravy and sauce were available.

#### Gastro-enteritis

The New York State Department of Health has given information on an outbreak of gastro-enteritis which occurred in December among school children in Suffolk County. There were 123 cases reported among a population of 902. Other cases are known to have occurred among preschool and adult contacts.

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The prodromal symptoms were mild headache, dizziness, and anorexia, followed in a few hours by sudden nausea, vomiting, and abdominal cramps. Most of those affected had low grade fever. Diarrhea, although not prominent, occurred among older children and adults. The duration of the illness was from 24 to 72 hours. The source of infection was not found, but it is believed that the disease was spread by contact.

Dr. Tartakow, Health Officer for Nassau County in New York State, reports an outbreak of gastro-enteritis involving 120 members of a club who attended a luncheon. Of these, 40 became ill after eating the lunch which consisted of a fruit cup, boiled salmon with hollandaise sauce, ice cream parfait, and coffee. A sanitary inspection revealed several minor deficiencies, but the source of infection was not found. No hollandaise sauce was available for bacteriological examination and a specimen of the salmon yielded no pathogens.

The California Department of Public Health reports an outbreak of gastro-enteritis among approximately 115 persons in an institution. Of these, about 75 became ill on an average

of 10 hours after eating an afternoon meal. The meal consisted of creamed chicken, mashed potatoes, chopped cabbage salad, bread, ice cream, tea, and cake. Preparation began the previous day when a number of chickens were cooked and then stored in a refrigerator. The next morning the chickens were boned and the meat stored at room temperature and covered with a towel. Shortly before 4:00 p.m. the other ingredients (white sauce, eggs, milk, and seasoning) were added to the chicken and served hot. Bacteriological examinations of the foods were negative for salmonella. A few coliform organisms and some staphylococci were found in the creamed chicken. The cultural characteristics of the staphylococcus do not completely satisfy the criteria for enterotoxigenic members of the staphylococci group.

### Communicable diseases in other areas

A total of 44 cases of smallpox with 5 deaths were reported to have occurred in Vannes, France. Nineteen of the cases occurred in a hospital where the index case had been admitted.

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	3d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 22, 1955	Ended Jan. 23, 1954	Median 1950-54	First 3 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	1	1	1	1	1	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	-	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	17	22	---	44	63	---	---	---	---	---
Diphtheria-----055	54	44	85	160	131	238	1,377	1,476	2,420	July 1
Encephalitis, infectious-----082	17	13	13	62	36	36	1,414	763	763	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,051	1,214	---	2,638	2,976	---	---	---	---	---
Malaria-----110-117	2	8	---	10	22	---	(1)	(1)	(1)	(1)
Measles-----085	12,801	8,837	8,837	34,787	23,451	21,577	90,537	59,543	50,967	Sept. 1
Meningococcal infections-----057	113	106	116	315	345	335	1,407	1,667	1,541	Sept. 1
Polio-myelitis-----080	135	130	136	<sup>2</sup> 398	497	449	<sup>2</sup> 37,585	34,884	34,884	Apr. 1
Psittacosis-----096.2	<sup>3</sup> 4	1	---	<sup>4</sup> 18	1	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	-	-	-	2	-	1	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	3,270	3,978	2,496	9,405	10,908	5,920	46,796	45,542	22,242	Aug. 1
Smallpox-----084	-	-	-	-	-	2	(1)	(1)	(1)	(1)
Trichiniasis-----128	3	-	---	7	5	---	(1)	(1)	(1)	(1)
Tularemia-----059	13	17	18	54	48	46	(1)	(1)	(1)	(1)
Typhoid fever-----040	23	37	27	63	79	81	1,936	2,070	2,070	Apr. 1
Typhus fever, endemic-----101	-	3	---	2	7	---	(1)	(1)	(1)	(1)
Whooping cough-----056	1,452	970	1,282	4,275	2,830	3,522	21,557	12,587	17,728	Oct. 1
Rabies in animals-----	124	156	153	<sup>5</sup> 354	442	422	<sup>5</sup> 1,707	2,226	---	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Addition: Louisiana, week ended January 15, 3 cases.

<sup>3</sup>Connecticut and New York, 1 case each; California, 2 cases.

<sup>4</sup>Addition: Idaho, week ended January 8, 1 case.

<sup>5</sup>Addition: Kentucky, week ended January 8, 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.

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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 JANUARY 23, 1954, AND JANUARY 22, 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 <sup>1</sup>		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	17	22	54	44	17	13	1,051	1,214	2	5	-	3
NEW ENGLAND-----	-	-	-	-	1	-	99	46	-	-	-	-
Maine-----	-	-	-	-	-	-	13	6	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	6	2	-	-	-	-
Vermont-----	-	-	-	-	-	-	8	3	-	-	-	-
Massachusetts-----	-	-	-	-	1	-	49	27	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	11	2	-	-	-	-
Connecticut-----	-	-	-	-	-	-	12	6	-	-	-	-
MIDDLE ATLANTIC-----	1	4	2	2	2	4	283	206	-	1	-	-
New York-----	1	3	-	1	-	3	151	143	-	1	-	-
New Jersey-----	-	-	-	-	1	1	17	5	-	-	-	-
Pennsylvania-----	-	1	2	1	1	-	115	58	-	-	-	-
EAST NORTH CENTRAL-----	8	4	3	8	3	5	169	175	-	-	-	-
Ohio-----	-	-	1	2	-	-	22	37	-	-	-	-
Indiana-----	1	-	-	5	-	-	27	21	-	-	-	-
Illinois-----	4	4	-	-	-	2	28	55	-	-	-	-
Michigan-----	2	-	2	1	3	3	49	55	-	-	-	-
Wisconsin-----	1	-	-	-	-	-	43	7	-	-	-	-
WEST NORTH CENTRAL-----	6	7	3	-	2	2	146	145	-	-	-	-
Minnesota-----	2	2	1	-	-	-	67	77	-	-	-	-
Iowa-----	1	4	-	-	-	-	41	50	-	-	-	-
Missouri-----	2	1	1	-	-	1	9	11	-	-	-	-
North Dakota-----	-	-	-	-	1	-	9	2	-	-	-	-
South Dakota-----	-	-	-	-	-	-	3	-	-	-	-	-
Nebraska-----	1	-	1	-	-	-	3	1	-	-	-	-
Kansas-----	-	-	-	-	1	1	14	4	-	-	-	-
SOUTH ATLANTIC-----	-	-	30	21	3	-	93	331	-	-	-	2
Delaware-----	-	-	-	-	-	-	-	3	-	-	-	-
Maryland-----	-	-	-	-	-	-	21	34	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	1	-	-	-	-
Virginia-----	-	-	-	2	-	-	29	221	-	-	-	-
West Virginia-----	-	-	-	2	-	-	13	21	-	-	-	-
North Carolina-----	-	-	4	-	3	-	11	35	-	-	-	2
South Carolina-----	-	-	5	11	-	-	2	8	-	-	-	-
Georgia-----	-	-	18	5	-	-	8	4	-	-	-	-
Florida-----	-	-	3	1	-	-	8	4	-	-	-	-
EAST SOUTH CENTRAL-----	1	1	4	9	1	-	67	123	-	-	-	-
Kentucky-----	-	-	-	-	-	-	7	16	-	-	-	-
Tennessee-----	-	-	1	4	-	-	33	55	-	-	-	-
Alabama-----	-	1	2	3	1	-	12	12	-	-	-	-
Mississippi-----	1	-	1	2	-	-	15	40	-	-	-	-
WEST SOUTH CENTRAL-----	1	3	12	3	2	1	32	30	2	2	-	-
Arkansas-----	-	-	1	-	-	1	6	3	-	-	-	-
Louisiana-----	-	-	1	-	-	-	4	-	-	-	-	-
Oklahoma-----	-	1	2	1	-	-	7	6	-	-	-	-
Texas-----	1	2	8	2	2	-	15	21	2	2	-	-
MOUNTAIN-----	-	1	-	1	-	-	71	54	-	2	-	-
Montana-----	-	-	-	-	-	-	1	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	2	29	-	1	-	-
Wyoming-----	-	-	-	-	-	-	8	2	-	-	-	-
Colorado-----	-	-	-	1	-	-	18	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	18	1	-	-	-	-
Arizona-----	-	1	-	-	-	-	23	15	-	1	-	-
Utah-----	-	-	-	-	-	-	1	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	2	-	-	3	1	91	104	-	-	-	1
Washington-----	-	-	-	-	-	-	12	23	-	-	-	-
Oregon-----	-	-	-	-	-	-	18	37	-	-	-	-
California-----	-	2	-	-	3	1	61	44	-	-	-	1
Alaska-----	-	-	-	-	-	-	63	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	-	-	-	-	-
Puerto Rico-----	1	-	4	12	-	-	1	4	-	-	-	-

<sup>1</sup>Includes 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 JANUARY 23, 1954, AND JANUARY 22, 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 <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	12,801	8,837	113	106	135	130	67	55	32	35	-	-
NEW ENGLAND-----	4,978	157	8	2	-	4	-	2	-	2	-	-
Maine-----	344	119	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	114	7	3	-	-	2	-	1	-	1	-	-
Vermont-----	264	4	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2,658	16	5	1	-	1	-	-	-	1	-	-
Rhode Island-----	451	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	1,147	11	-	1	-	1	-	1	-	-	-	-
MIDDLE ATLANTIC-----	2,341	1,612	21	12	14	15	3	4	-	-	-	-
New York-----	838	997	13	3	6	9	3	3	-	-	-	-
New Jersey-----	1,016	61	3	3	4	1	-	1	-	-	-	-
Pennsylvania-----	487	554	5	6	4	5	-	-	-	-	-	-
EAST NORTH CENTRAL-----	1,959	2,084	15	17	21	22	6	9	8	7	-	-
Ohio-----	262	449	6	7	5	9	-	4	-	2	-	-
Indiana-----	70	471	3	4	-	-	-	-	-	-	-	-
Illinois-----	153	417	2	3	3	1	2	-	1	-	-	-
Michigan-----	1,081	648	3	3	11	10	3	5	7	4	-	-
Wisconsin-----	393	99	1	-	2	2	1	-	-	1	-	-
WEST NORTH CENTRAL-----	651	305	4	8	11	11	3	3	5	3	-	-
Minnesota-----	281	12	1	-	1	2	1	1	-	-	-	-
Iowa-----	186	162	-	1	4	-	-	-	-	-	-	-
Missouri-----	25	23	-	3	1	4	-	2	1	1	-	-
North Dakota-----	126	54	-	-	1	1	-	-	-	-	-	-
South Dakota-----	1	11	-	2	-	2	-	-	-	2	-	-
Nebraska-----	-	6	1	1	2	-	2	-	-	-	-	-
Kansas-----	32	37	2	1	2	2	-	-	-	-	-	-
SOUTH ATLANTIC-----	251	1,272	17	32	37	16	27	7	3	6	-	-
Delaware-----	2	7	1	-	1	-	1	-	-	-	-	-
Maryland-----	17	185	1	1	1	-	1	-	-	-	-	-
District of Columbia-----	2	33	-	-	-	-	-	-	-	-	-	-
Virginia-----	90	325	3	7	-	1	-	-	-	1	-	-
West Virginia-----	61	123	1	-	1	2	-	-	1	1	-	-
North Carolina-----	3	144	5	14	4	4	3	2	1	2	-	-
South Carolina-----	7	176	2	4	2	1	-	1	1	-	-	-
Georgia-----	63	93	1	3	2	8	-	4	-	2	-	-
Florida-----	6	186	3	3	<sup>3</sup> 26	-	22	-	-	-	-	-
EAST SOUTH CENTRAL-----	328	869	23	9	4	10	3	2	1	4	-	-
Kentucky-----	34	381	7	2	2	-	1	-	1	-	-	-
Tennessee-----	214	247	4	2	-	7	-	2	-	3	-	-
Alabama-----	49	188	7	1	1	2	1	-	-	-	-	-
Mississippi-----	31	53	5	4	1	1	1	-	-	1	-	-
WEST SOUTH CENTRAL-----	959	820	11	8	19	11	11	8	6	1	-	-
Arkansas-----	30	37	2	1	1	1	-	1	1	-	-	-
Louisiana-----	3	93	3	2	3	3	2	2	1	1	-	-
Oklahoma-----	28	13	-	1	2	-	1	-	-	-	-	-
Texas-----	898	677	6	4	13	7	8	5	4	-	-	-
MOUNTAIN-----	510	660	2	6	8	8	3	1	-	-	-	-
Montana-----	24	97	-	2	2	1	1	-	-	-	-	-
Idaho-----	5	125	-	-	3	1	-	-	-	-	-	-
Wyoming-----	-	58	-	-	-	3	-	-	-	-	-	-
Colorado-----	19	17	1	2	2	1	2	1	-	-	-	-
New Mexico-----	218	53	1	-	-	-	-	-	-	-	-	-
Arizona-----	160	88	-	2	-	-	-	-	-	-	-	-
Utah-----	82	241	-	-	1	2	-	-	-	-	-	-
Nevada-----	2	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	824	1,058	12	12	21	33	11	19	9	12	-	-
Washington-----	250	301	1	3	6	2	4	-	1	-	-	-
Oregon-----	112	42	1	1	2	1	2	1	-	-	-	-
California-----	462	715	10	8	13	30	5	18	8	12	-	-
Alaska-----	-	40	-	-	-	6	-	5	-	1	-	-
Hawaii-----	83	1	-	-	1	8	1	5	-	3	-	-
Puerto Rico-----	128	29	-	-	32	-	32	-	-	-	-	-

<sup>2</sup>Includes cases not specified by type, category number (080.3).<sup>3</sup>Includes delayed cases.

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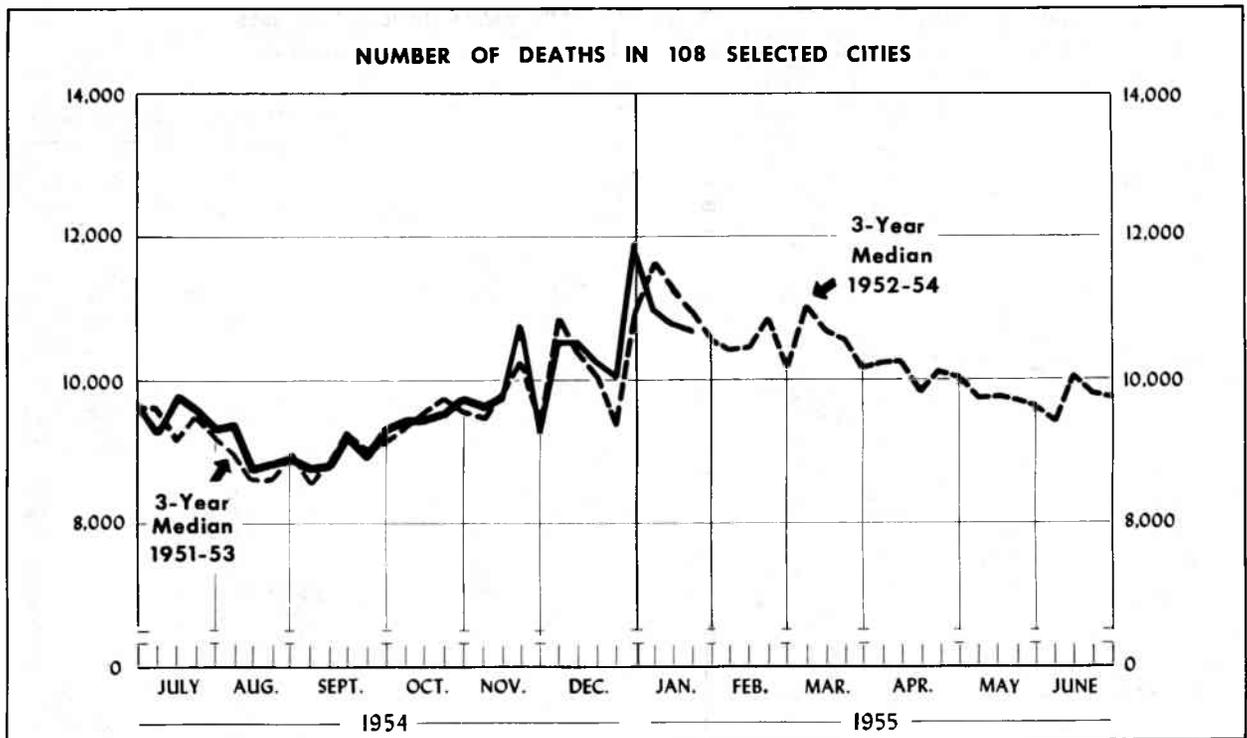
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 23, 1954, AND JANUARY 22, 1955—Continued

(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-----	3,270	3,978	3	13	17	23	37	-	1,452	970	124	156
NEW ENGLAND-----	239	276	2	-	-	2	1	-	177	120	-	-
Maine-----	10	50	-	-	-	1	-	-	22	1	-	-
New Hampshire-----	14	10	-	-	-	-	-	-	19	7	-	-
Vermont-----	5	8	-	-	-	-	-	-	3	31	-	-
Massachusetts-----	166	118	1	-	-	1	1	-	53	50	-	-
Rhode Island-----	10	9	-	-	-	-	-	-	34	9	-	-
Connecticut-----	34	81	1	-	-	-	-	-	46	22	-	-
MIDDLE ATLANTIC-----	370	395	1	1	-	2	1	-	168	234	11	5
New York-----	161	243	1	1	-	-	-	-	54	119	9	4
New Jersey-----	32	60	-	-	-	-	-	-	47	33	-	-
Pennsylvania-----	177	92	-	-	-	2	1	-	67	82	2	1
EAST NORTH CENTRAL-----	464	848	-	2	5	3	3	-	332	219	9	29
Ohio-----	95	183	-	-	-	3	3	-	41	25	4	1
Indiana-----	95	122	-	-	-	-	-	-	39	59	3	8
Illinois-----	89	164	-	2	4	-	-	-	50	21	-	12
Michigan-----	104	218	-	-	1	-	-	-	118	65	-	3
Wisconsin-----	81	161	-	-	-	-	-	-	84	49	2	5
WEST NORTH CENTRAL-----	137	192	-	2	-	1	1	-	127	20	22	15
Minnesota-----	43	37	-	-	-	-	-	-	29	9	4	3
Iowa-----	19	45	-	1	-	-	-	-	51	1	9	4
Missouri-----	16	24	-	1	-	1	1	-	5	10	6	8
North Dakota-----	30	8	-	-	-	-	-	-	12	-	3	-
South Dakota-----	3	28	-	-	-	-	-	-	10	-	-	-
Nebraska-----	5	24	-	-	-	-	-	-	-	-	-	-
Kansas-----	21	26	-	-	-	-	-	-	20	-	-	-
SOUTH ATLANTIC-----	448	318	-	1	6	2	5	-	118	105	33	32
Delaware-----	10	12	-	-	-	-	-	-	-	1	-	-
Maryland-----	66	43	-	-	-	-	2	-	10	30	-	-
District of Columbia-----	6	7	-	-	-	-	-	-	7	2	-	-
Virginia-----	176	88	-	-	3	1	1	-	22	27	11	8
West Virginia-----	51	25	-	-	-	-	-	-	44	30	15	9
North Carolina-----	33	56	-	-	-	-	-	-	11	8	3	1
South Carolina-----	17	23	-	1	-	1	1	-	11	1	-	8
Georgia-----	75	44	-	1	2	-	1	-	-	1	4	2
Florida-----	14	20	-	-	-	-	-	-	13	5	-	4
EAST SOUTH CENTRAL-----	143	130	-	5	3	1	16	-	68	79	24	34
Kentucky-----	67	44	-	-	-	1	14	-	13	74	3	5
Tennessee-----	59	66	-	5	2	-	1	-	36	3	9	11
Alabama-----	8	9	-	-	-	-	1	-	17	2	12	9
Mississippi-----	9	11	-	-	1	-	-	-	2	-	-	9
WEST SOUTH CENTRAL-----	852	939	-	2	3	8	4	-	234	96	23	39
Arkansas-----	60	58	-	1	1	1	1	-	26	14	-	3
Louisiana-----	10	8	-	-	1	5	1	-	3	2	4 <sup>13</sup>	4 <sup>10</sup>
Oklahoma-----	25	46	-	1	1	-	-	-	5	2	-	-
Texas-----	757	827	-	-	-	2	2	-	200	78	10	26
MOUNTAIN-----	265	417	-	-	-	2	2	-	55	35	1	-
Montana-----	10	10	-	-	-	-	-	-	1	1	-	-
Idaho-----	15	14	-	-	-	-	2	-	5	-	-	-
Wyoming-----	2	19	-	-	-	-	-	-	8	-	-	-
Colorado-----	14	48	-	-	-	-	-	-	-	2	-	-
New Mexico-----	40	33	-	-	-	-	-	-	10	2	1	-
Arizona-----	144	254	-	-	-	2	-	-	29	25	-	-
Utah-----	40	36	-	-	-	-	-	-	2	4	-	-
Nevada-----	-	3	-	-	-	-	-	-	-	1	-	-
PACIFIC-----	352	463	-	-	-	2	4	-	173	62	1	2
Washington-----	87	111	-	-	-	-	-	-	42	13	-	-
Oregon-----	82	105	-	-	-	-	1	-	12	16	-	-
California-----	183	247	-	-	-	2	3	-	119	33	1	2
Alaska-----	2	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	5	-	-	-	-	1	5	-	-	-
Puerto Rico-----	-	-	-	-	-	-	1	-	21	23	-	-

<sup>4</sup>Report for December.

## 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	3d week ended Jan. 22, 1955	2d week ended Jan. 15, 1955	3d week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 3 WEEKS		
					1955	1954	Percent change
TOTAL: 107 REPORTING CITIES-----	10,653	10,734	10,927	-2.5	32,300	33,529	-3.7
New England----- (14 cities)	727	774	721	+0.8	2,279	2,281	-0.1
Middle Atlantic----- (17 cities)	3,244	3,254	3,315	-2.1	9,625	9,944	-3.2
East North Central----- (18 cities)	2,231	2,344	2,334	-4.4	6,868	7,210	-4.7
West North Central----- (8 cities)	749	616	776	-3.5	2,012	2,323	-13.4
South Atlantic----- (9 cities)	742	786	819	-9.4	2,358	2,464	-4.3
East South Central----- (8 cities)	544	440	490	+11.0	1,528	1,663	-8.1
West South Central----- (13 cities)	798	812	889	-10.2	2,543	2,733	-7.0
Mountain----- (8 cities)	263	240	243	+8.2	806	755	+6.8
Pacific----- (12 cities)	1,355	1,468	1,361	-0.4	4,281	4,156	+3.0

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 22, 1955

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

CITY	3d week ended Jan. 22, 1955	2d week ended Jan. 15, 1955	CUMULATIVE NUMBER FOR FIRST 3 WEEKS		CITY	3d week ended Jan. 22, 1955	2d week ended Jan. 15, 1955	CUMULATIVE NUMBER FOR FIRST 3 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	213	278	772	703	St. Louis-----	253	177	580	748
Bridgeport-----	26	50	115	119	St. Paul-----	87	64	228	228
Cambridge-----	35	33	102	99	Wichita-----	43	35	127	135
Fall River-----	24	26	78	92	SOUTH ATLANTIC				
Hartford-----	55	64	186	168	Atlanta-----	92	106	328	354
Lowell-----	36	21	80	100	Baltimore-----	221	259	711	740
Lynn-----	29	26	85	89	Charlotte-----	28	24	90	85
New Bedford-----	28	18	73	78	Jacksonville-----	(47)	(53)	(164)	(198)
New Haven-----	43	48	138	153	Miami-----	57	61	180	192
Providence-----	65	71	202	214	Norfolk-----	23	43	102	115
Somerville-----	16	24	55	46	Richmond-----	81	57	215	204
Springfield, Mass.-----	57	41	148	147	Savannah-----	(32)	(27)	(101)	(80)
Waterbury-----	41	32	98	91	Tampa-----	62	60	182	198
Worcester-----	59	42	147	182	Washington, D. C.-----	140	136	432	467
MIDDLE ATLANTIC					Wilmington, Del.-----	38	40	118	109
Albany-----	46	51	128	147	EAST SOUTH CENTRAL				
Allentown-----	(33)	(26)	(103)	(104)	Birmingham-----	106	70	260	293
Buffalo-----	191	100	461	503	Chattanooga-----	39	38	142	193
Camden-----	35	37	122	131	Knoxville-----	61	25	127	118
Elizabeth-----	34	34	97	107	Louisville-----	111	108	356	356
Erie-----	21	32	90	113	Memphis-----	114	90	302	323
Jersey City-----	74	68	199	236	Mobile-----	32	28	79	103
Newark, N. J.-----	123	98	380	357	Montgomery-----	27	33	95	93
New York City-----	1,676	1,742	5,128	5,366	Nashville-----	54	48	167	184
Paterson-----	37	30	110	155	WEST SOUTH CENTRAL				
Philadelphia-----	526	561	1,489	1,337	Austin-----	30	27	84	75
Pittsburgh-----	186	225	572	523	Baton Rouge-----	29	14	80	87
Reading-----	(25)	(23)	(66)	(67)	Corpus Christi-----	24	18	55	53
Rochester, N. Y.-----	99	96	282	325	Dallas-----	89	85	278	369
Schenectady-----	29	20	71	90	El Paso-----	39	36	111	99
Scranton-----	(33)	(36)	(91)	(125)	Fort Worth-----	54	55	158	181
Syracuse-----	56	51	166	193	Houston-----	113	138	414	502
Trenton-----	48	62	159	165	Little Rock-----	58	37	148	151
Utica-----	33	23	94	94	New Orleans-----	148	146	469	488
Yonkers-----	30	24	77	102	Oklahoma City-----	44	76	183	205
EAST NORTH CENTRAL					San Antonio-----	90	84	278	272
Akron-----	56	51	168	208	Shreveport-----	28	38	116	121
Canton-----	31	19	95	119	Tulsa-----	52	58	169	130
Chicago-----	725	728	2,200	2,274	MOUNTAIN				
Cincinnati-----	121	171	501	492	Albuquerque-----	36	27	89	90
Cleveland-----	193	222	562	704	Colorado Springs-----	14	9	41	38
Columbus-----	126	125	359	375	Denver-----	113	112	387	325
Dayton-----	69	62	195	214	Ogden-----	7	6	24	31
Detroit-----	339	370	1,031	1,014	Phoenix-----	25	29	76	83
Evansville-----	23	31	80	115	Pueblo-----	19	14	42	42
Flint-----	37	39	112	116	Salt Lake City-----	44	42	132	135
Fort Wayne-----	34	34	95	84	Tucson-----	5	1	15	11
Gary-----	(24)	(25)	(91)	(78)	PACIFIC				
Grand Rapids-----	40	36	111	131	Berkeley-----	20	20	61	61
Indianapolis-----	105	104	327	345	Long Beach-----	54	48	161	175
Milwaukee-----	104	135	355	381	Los Angeles-----	504	576	1,627	1,526
Peoria-----	38	25	96	95	Oakland-----	99	123	337	294
South Bend-----	27	30	86	79	Pasadena-----	28	30	102	96
Toledo-----	104	113	327	300	Portland, Oreg.-----	88	121	306	338
Youngstown-----	59	49	168	164	Sacramento-----	37	53	159	175
WEST NORTH CENTRAL					San Diego-----	79	97	286	231
Des Moines-----	44	30	119	149	San Francisco-----	236	189	607	619
Duluth-----	33	19	82	85	Seattle-----	133	123	402	383
Kansas City, Kans.-----	---	(38)	---	(84)	Spokane-----	46	48	122	148
Kansas City, Mo.-----	99	100	303	374	Tacoma-----	31	40	111	110
Minneapolis-----	124	122	368	395	Honolulu-----	(25)	(42)	(102)	(117)
Omaha-----	66	69	205	209					

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

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