

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

February 5, 1954

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 30, 1954

The incidence of measles usually increases during the first few months of the year and reaches a peak sometime during April or May. For the current week, the number (10,280) of reported cases shows a 16 percent increase over the 8,837 cases reported for the previous week. Although the total for this week exceeds the total of 7,050 for the corresponding week of 1953, it is 45 percent below the 18,825 cases reported for the week ended February 2, 1952. The incidence of this disease was very high in 1952.

During the first 4 weeks of 1954, a total of 33,731 cases of measles has been reported as compared with 67,406 and 25,188 for the corresponding periods of 1952 and 1953, respectively. For this period in 1952, a large proportion of the cases were reported in the New England and Middle Atlantic Divisions. However, in 1953 and 1954, the incidence in the New England Division was relatively low in comparison with the total for the country as a whole. About 2 percent of the cases were reported in this Division during the 4-week periods of 1953 and 1954 as compared with more than 25 percent for this period in 1952. In the Middle Atlantic Division the incidence has been higher than it was in 1953, but much lower than in 1952.

For the first 4 weeks of 1954, the Middle Atlantic and East North Central Divisions reported 13,848 cases, or about 40 percent of the total for this period. During this period of 1953, the East North Central Division reported more cases than any other division. During January 1954, the South Atlantic Division experienced the largest increase in incidence of the disease, from 925 cases for the first week to 1,731 for the current week. Increases were noted in all States in this Division, but North Carolina showed an unusually large increase, from 120 cases to 423.

Several other States throughout the country reported relatively large increases during the first 4 weeks of this year. In Iowa, the incidence rose from 80 cases for the first week to 432 for the week ended January 30. The other States all reported less than 100 cases for the current week.

EPIDEMIOLOGICAL REPORTS

Typhus fever

The California Department of Public Health reports a case of typhus fever in a 28-year-old white female. She became ill the day she returned from Hawaii, where she had been on a 3-week guided tour. The symptoms were generalized aching, prostration, chills and fever, and sweating. About 2 weeks after the onset, a faint red rash appeared on her forehead and abdomen, and lasted about a day. During the trip the patient was never alone or off the streets frequented by everyone else. No pets were seen on the liner to and from, nor on the islands. The Weil Felix reaction was positive in a dilution 1:320 on the 11th day of illness and positive 1:1280 on the 18th day, and the complement fixation test was positive in a dilution 1 to 8 on the 11th and 18th days after onset. Antibiotic therapy was started 15 days after onset.

Infectious hepatitis

Dr. J. D. Purvis, Pennsylvania Department of Health, reports an outbreak of infectious hepatitis which occurred in the north central part of the State during the latter half of 1953. An investigation began after several cases were reported in a rural school. This led to the discovery of 54 cases in one county, most of which were among school children. The mode of spread was not determined. The possibility that water was involved was not proved but was seriously considered. For instance, at a consolidated school some of the drinking fountains did not have guard rails. Water for rural schools was carried from nearby homes in open pails by the pupils. On several occasions, children were seen playing in the water before it reached the schools. These unsanitary conditions have been improved, and gamma globulin has been given to 327 contacts. The disease now appears to be under control.

Encephalitis

Dr. S. B. Osgood, Oregon State Board of Health, reports an unusual occurrence of acute encephalitis in one county of the State during the period November 18, 1953, to January 10, 1954. For this period, 5 cases were reported. The syndrome was characterized by headache, nausea, vomiting, lethargy, and disturbances of vision and consciousness. All patients have shown increased spinal fluid count, 3 had increased spinal fluid protein, and 2 had lowered spinal fluid dextrose content. They all had low fever and the duration of illness was about 2 weeks. The etiologic agent and the mode of spread have not been determined. Three other cases, with a similar syndrome, have been reported in widely separated areas outside this county. In addition, several other related diseases, lymphocytic choreomeningitis, mumps, meningitis, unspecified encephalitis, and bulbar encephalitic poliomyelitis, have also been reported in the State. Mumps is prevalent in the State and one of the patients was in direct contact with a mumps case. Mosquitoes are virtually absent at this season and none have been seen in the homes of the 5 patients. Information obtained from veterinarians shows a large number of dogs have been dying with convulsive disorders.

Gastro-enteritis

The Oregon State Board of Health, reports that acute gastro-enteritis has been prevalent throughout the State. To illustrate this, a group of 124 employees under one management was selected. Of these, 20 were ill during the period, December 10, 1953, to January 11, 1954. The disease was characterized by diarrhea, nausea, abdominal pain, vomiting, and dizziness of $\frac{1}{2}$ to 3 days' duration. The incubation period was from 2 to 5 days. No common food or water supply could be definitely determined as a mode of infection. The attack rate in households seems to be about the same as that among the employees. Stool specimens of 3 patients were taken and 1 was found positive for *Salmonella bareilly*. This may have been an incidental finding. However, sufficient stool specimens were not obtained to rule out the possible etiological role of this organism.

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ATLANTA 23, GEORGIA

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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	4th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 30, 1954	Ended Jan. 31, 1953	Median 1949-53	First 4 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	2	1	2	3	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	5	-	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	21	26	---	84	96	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	35	52	88	181	197	391	1,546	1,868	3,417	July 1
Encephalitis, infectious-----082	17	18	10	53	60	45	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092, N998.5 pt.	1,318	792	---	4,294	2,793	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	6	17	---	28	57	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	10,280	7,050	9,830	33,731	25,188	31,407	69,823	56,622	60,797	Sept. 1
Meningococcal infections-----057	100	166	100	² 445	589	418	² 1,767	1,864	1,497	Sept. 1
Polioyelitis-----080	139	144	112	637	786	536	35,091	57,081	32,751	Apr. 1
Psittacosis-----096.2	³ 1	-	---	2	2	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	---	-	-	-	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	-	-	1	-	1	1	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	3,997	4,473	2,964	14,859	16,893	10,174	49,493	53,481	27,898	Aug. 1
Smallpox-----084	-	-	-	-	-	2	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	5	4	---	10	12	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	8	13	22	56	59	75	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	33	27	36	⁴ 108	107	133	⁴ 2,122	2,119	2,257	Apr. 1
Typhus fever, endemic-----101	-	-	---	7	16	---	197	172	---	Apr. 1
Whooping cough-----056	1,154	739	1,229	3,972	2,836	5,047	13,729	10,693	19,311	Oct. 1
Rabies in animals-----	159	159	---	601	581	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.

²Addition: Kentucky, week ended January 23, 2 cases.

³Reported in California.

⁴Addition: Kentucky, week ended January 23, 12 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 JANUARY 31, 1953, AND JANUARY 30, 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-----	21	26	35	52	17	18	1,318	792	3	12	3	5
NEW ENGLAND-----	-	1	1	-	1	2	39	45	-	-	-	-
Maine-----	-	1	-	-	-	-	11	29	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	1	2	25	14	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	2	2	-	-	-	-
MIDDLE ATLANTIC-----	-	1	-	3	4	8	225	94	-	-	-	1
New York-----	-	1	-	-	3	6	178	75	-	-	-	1
New Jersey-----	-	-	-	2	1	1	6	-	-	-	-	-
Pennsylvania-----	-	-	-	1	-	1	41	19	-	-	-	-
EAST NORTH CENTRAL-----	5	2	2	4	2	3	181	89	-	-	-	-
Ohio-----	-	-	2	3	-	-	18	22	-	-	-	-
Indiana-----	-	-	-	-	-	-	49	33	-	-	-	-
Illinois-----	3	-	-	1	-	1	53	10	-	-	-	-
Michigan-----	1	2	-	-	1	2	54	18	-	-	-	-
Wisconsin-----	1	-	-	-	1	-	7	6	-	-	-	-
WEST NORTH CENTRAL-----	7	8	6	4	2	-	193	111	-	8	-	-
Minnesota-----	6	-	-	-	-	-	82	19	-	-	-	-
Iowa-----	1	6	-	2	-	-	52	20	-	8	-	-
Missouri-----	-	-	-	1	-	-	11	24	-	-	-	-
North Dakota-----	-	-	-	-	-	-	6	15	-	-	-	-
South Dakota-----	-	-	6	-	-	-	24	-	-	-	-	-
Nebraska-----	-	1	-	1	-	-	12	29	-	-	-	-
Kansas-----	-	1	-	-	2	-	6	4	-	-	-	-
SOUTH ATLANTIC-----	1	6	10	20	-	1	298	178	-	1	1	4
Delaware-----	-	-	-	-	-	-	6	-	-	-	-	-
Maryland-----	-	-	-	3	-	-	25	20	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	-	-
Virginia-----	-	1	1	6	-	-	182	46	-	-	-	-
West Virginia-----	-	-	1	-	-	-	31	51	-	-	-	-
North Carolina-----	-	3	4	6	-	1	31	31	-	-	1	2
South Carolina-----	-	-	1	1	-	-	4	1	-	-	-	1
Georgia-----	1	2	1	4	-	-	6	20	-	-	-	1
Florida-----	-	-	2	-	-	-	12	9	-	1	-	-
EAST SOUTH CENTRAL-----	1	3	7	13	1	1	121	158	-	-	2	-
Kentucky-----	-	-	-	1	-	-	46	23	-	-	-	-
Tennessee-----	-	2	-	3	-	-	35	55	-	-	-	-
Alabama-----	1	-	4	6	-	-	10	60	-	-	2	-
Mississippi-----	-	1	3	3	1	1	30	20	-	-	-	-
WEST SOUTH CENTRAL-----	3	3	3	4	-	3	73	31	1	3	-	-
Arkansas-----	-	-	1	-	-	-	7	13	-	-	-	-
Louisiana-----	-	1	-	-	-	-	-	-	-	1	-	-
Oklahoma-----	-	-	1	1	-	1	11	2	-	-	-	-
Texas-----	3	2	1	3	-	2	55	16	1	2	-	-
MOUNTAIN-----	1	2	-	2	-	-	72	9	-	-	-	-
Montana-----	-	-	-	-	-	-	2	-	-	-	-	-
Idaho-----	-	1	-	-	-	-	15	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	1	-	-	-	-	-
Colorado-----	1	1	-	1	-	-	29	7	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	19	1	-	-	-	-
Utah-----	-	-	1	-	-	-	5	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	-	6	2	7	-	116	77	2	-	-	-
Washington-----	1	-	3	1	-	-	25	19	-	-	-	-
Oregon-----	-	-	-	-	-	-	23	20	1	-	-	-
California-----	2	-	3	1	7	-	68	38	1	-	-	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	-	-	-	-	-
Puerto Rico-----	-	-	10	17	-	-	-	-	-	-	-	-

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 JANUARY 31, 1953, AND JANUARY 30, 1954—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES		MENINGO-COCAL 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-----	10,280	7,050	100	166	139	144	54	---	31	---	-	-
NEW ENGLAND-----	220	67	3	5	5	4	3	---	1	---	-	-
Maine-----	139	7	-	-	-	-	-	---	-	---	-	-
New Hampshire-----	4	3	-	1	1	-	-	---	1	---	-	-
Vermont-----	10	2	-	-	-	-	-	---	-	---	-	-
Massachusetts-----	23	31	2	1	3	2	2	---	-	---	-	-
Rhode Island-----	11	-	-	1	-	-	-	---	-	---	-	-
Connecticut-----	33	24	1	2	1	2	1	---	-	---	-	-
MIDDLE ATLANTIC-----	1,757	543	12	22	15	12	3	---	-	---	-	-
New York-----	1,105	151	3	14	10	9	3	---	-	---	-	-
New Jersey-----	62	53	4	3	-	3	-	---	-	---	-	-
Pennsylvania-----	590	339	5	5	5	-	-	---	-	---	-	-
EAST NORTH CENTRAL-----	2,113	2,860	14	24	15	19	6	---	4	---	-	-
Ohio-----	168	808	-	10	5	5	3	---	1	---	-	-
Indiana-----	665	22	1	3	2	1	2	---	-	---	-	-
Illinois-----	377	193	7	3	1	3	-	---	-	---	-	-
Michigan-----	728	461	3	6	4	8	1	---	2	---	-	-
Wisconsin-----	155	1,376	3	2	3	2	-	---	1	---	-	-
WEST NORTH CENTRAL-----	613	649	6	10	3	17	-	---	1	---	-	-
Minnesota-----	19	148	-	2	-	3	-	---	-	---	-	-
Iowa-----	432	84	1	4	-	5	-	---	-	---	-	-
Missouri-----	35	193	3	3	-	4	-	---	-	---	-	-
North Dakota-----	66	32	-	-	-	3	-	---	-	---	-	-
South Dakota-----	3	26	-	-	1	1	-	---	1	---	-	-
Nebraska-----	37	7	-	-	-	-	-	---	-	---	-	-
Kansas-----	21	159	2	1	2	1	-	---	-	---	-	-
SOUTH ATLANTIC-----	1,731	435	23	49	31	16	14	---	6	---	-	-
Delaware-----	15	1	-	-	-	-	-	---	-	---	-	-
Maryland-----	208	18	2	3	-	-	-	---	-	---	-	-
District of Columbia-----	22	1	-	-	1	-	1	---	-	---	-	-
Virginia-----	404	122	3	11	-	2	-	---	-	---	-	-
West Virginia-----	121	32	1	2	-	-	-	---	-	---	-	-
North Carolina-----	423	79	7	14	8	3	4	---	2	---	-	-
South Carolina-----	164	17	3	4	1	3	-	---	-	---	-	-
Georgia-----	210	146	3	10	4	-	2	---	1	---	-	-
Florida-----	164	19	4	5	16	8	7	---	3	---	-	-
EAST SOUTH CENTRAL-----	907	310	12	25	4	8	3	---	-	---	-	-
Kentucky-----	556	37	3	8	-	3	-	---	-	---	-	-
Tennessee-----	121	105	2	6	-	1	-	---	-	---	-	-
Alabama-----	152	151	2	5	1	-	1	---	-	---	-	-
Mississippi-----	78	17	5	6	3	4	2	---	-	---	-	-
WEST SOUTH CENTRAL-----	1,065	969	17	15	19	6	7	---	3	---	-	-
Arkansas-----	91	82	1	2	1	-	1	---	-	---	-	-
Louisiana-----	88	27	2	2	3	1	-	---	3	---	-	-
Oklahoma-----	14	14	6	-	1	2	-	---	-	---	-	-
Texas-----	872	846	8	11	14	3	6	---	-	---	-	-
MOUNTAIN-----	670	283	3	1	12	16	2	---	2	---	-	-
Montana-----	56	28	-	-	4	1	2	---	2	---	-	-
Idaho-----	217	12	-	-	2	1	-	---	-	---	-	-
Wyoming-----	24	11	-	-	1	1	-	---	-	---	-	-
Colorado-----	29	78	2	1	-	2	-	---	-	---	-	-
New Mexico-----	24	45	-	-	1	3	-	---	-	---	-	-
Arizona-----	69	31	1	-	1	2	-	---	-	---	-	-
Utah-----	250	78	-	-	2	6	-	---	-	---	-	-
Nevada-----	1	-	-	-	1	-	-	---	-	---	-	-
PACIFIC-----	1,204	934	10	15	35	46	16	---	14	---	-	-
Washington-----	297	223	1	3	4	1	-	---	-	---	-	-
Oregon-----	66	211	-	-	-	2	-	---	-	---	-	-
California-----	841	500	9	12	31	43	16	---	14	---	-	-
Alaska-----	16	-	-	1	-	-	-	---	-	---	-	-
Hawaii-----	3	5	-	-	1	1	1	---	-	---	-	-
Puerto Rico-----	54	27	-	-	-	-	-	---	-	---	-	-

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

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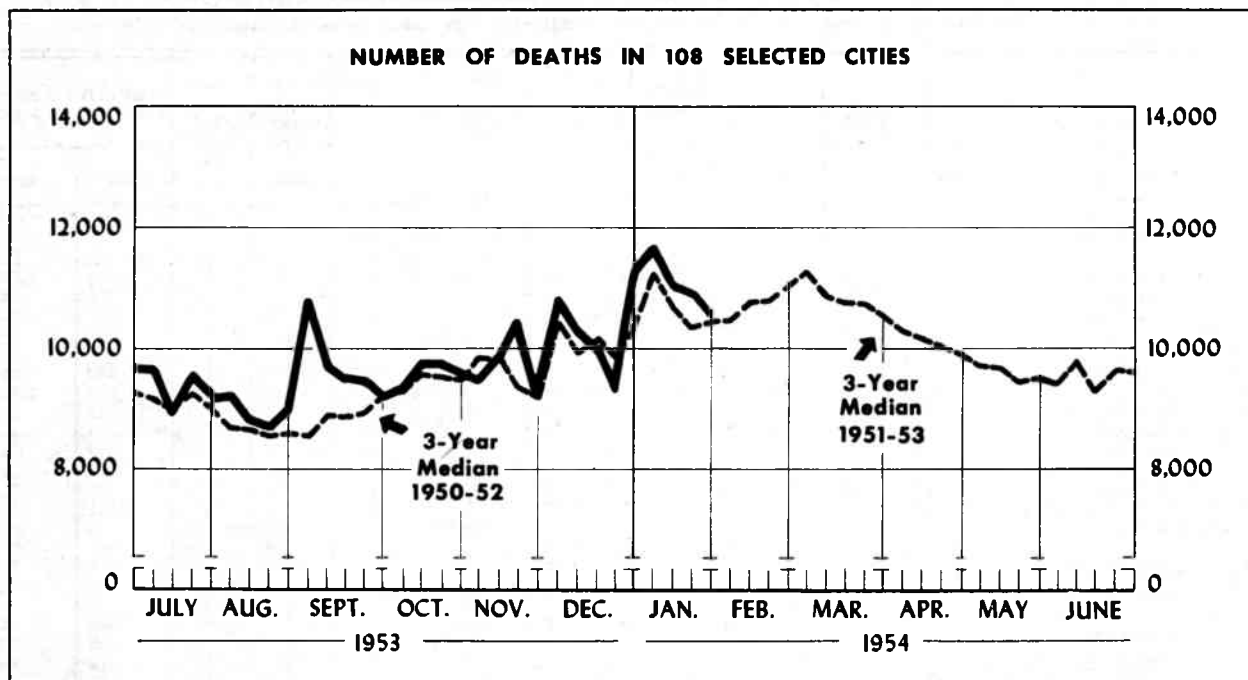
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 31, 1953, AND JANUARY 30, 1954—Continued

(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)		TRICHINIASIS (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-----	3,997	4,473	5	8	13	33	27	-	1,154	739	159	159
NEW ENGLAND-----	339	417	4	-	-	1	-	-	113	103	-	-
Maine-----	45	47	-	-	-	-	-	-	4	21	-	-
New Hampshire-----	20	3	-	-	-	1	-	-	21	-	-	-
Vermont-----	7	8	-	-	-	-	-	-	19	29	-	-
Massachusetts-----	146	132	4	-	-	-	-	-	37	34	-	-
Rhode Island-----	26	31	-	-	-	-	-	-	16	-	-	-
Connecticut-----	95	196	-	-	-	-	-	-	16	19	-	-
MIDDLE ATLANTIC-----	480	747	-	-	-	2	2	-	249	240	8	6
New York-----	267	463	-	-	-	-	1	-	115	123	7	5
New Jersey-----	71	122	-	-	-	-	-	-	48	44	-	-
Pennsylvania-----	142	162	-	-	-	2	1	-	86	73	1	1
EAST NORTH CENTRAL-----	752	993	-	2	1	9	3	-	252	158	22	13
Ohio-----	61	301	-	-	-	2	3	-	13	36	4	4
Indiana-----	142	96	-	-	-	6	-	-	62	26	10	4
Illinois-----	171	170	-	2	-	1	-	-	26	6	3	3
Michigan-----	216	216	-	-	1	-	-	-	113	66	3	2
Wisconsin-----	162	210	-	-	-	-	-	-	38	24	2	-
WEST NORTH CENTRAL-----	241	272	-	-	3	2	1	-	37	7	16	5
Minnesota-----	78	41	-	-	-	-	-	-	12	3	3	-
Iowa-----	52	41	-	-	-	-	1	-	8	1	4	-
Missouri-----	33	48	-	-	-	1	-	-	9	1	8	5
North Dakota-----	24	76	-	-	-	-	-	-	-	-	-	-
South Dakota-----	7	13	-	-	-	-	-	-	3	-	-	-
Nebraska-----	10	11	-	-	-	-	-	-	-	-	1	-
Kansas-----	37	42	-	-	3	1	-	-	5	2	-	-
SOUTH ATLANTIC-----	406	357	-	3	3	4	5	-	129	17	32	43
Delaware-----	6	12	-	-	-	-	-	-	1	-	-	-
Maryland-----	29	59	-	1	-	-	-	-	29	5	-	1
District of Columbia-----	7	9	-	-	-	-	-	-	5	-	-	-
Virginia-----	180	167	-	-	-	1	-	-	21	6	9	13
West Virginia-----	66	18	-	-	-	-	-	-	42	-	9	11
North Carolina-----	63	61	-	1	1	2	1	-	21	2	3	-
South Carolina-----	5	3	-	-	-	-	-	-	-	4	5	6
Georgia-----	22	18	-	1	2	-	3	-	3	-	6	12
Florida-----	28	10	-	-	-	1	1	-	7	-	-	-
EAST SOUTH CENTRAL-----	136	151	-	3	1	7	5	-	127	17	46	49
Kentucky-----	42	66	-	1	-	2	1	-	120	5	8	14
Tennessee-----	70	64	-	-	1	2	1	-	4	5	20	9
Alabama-----	2	11	-	-	-	-	2	-	-	5	15	21
Mississippi-----	22	10	-	2	-	3	1	-	3	2	3	5
WEST SOUTH CENTRAL-----	857	666	-	-	4	4	7	-	121	108	34	43
Arkansas-----	48	38	-	-	-	1	3	-	28	5	7	4
Louisiana-----	5	6	-	-	2	3	2	-	3	-	-	-
Oklahoma-----	24	17	-	-	1	-	-	-	7	5	1	1
Texas-----	780	605	-	-	1	-	2	-	83	98	26	38
MOUNTAIN-----	334	407	1	-	1	2	1	-	29	9	-	-
Montana-----	9	44	-	-	1	-	-	-	-	-	-	-
Idaho-----	20	89	-	-	-	2	-	-	6	-	-	-
Wyoming-----	8	87	-	-	-	-	-	-	-	1	-	-
Colorado-----	40	23	-	-	-	-	-	-	1	-	-	-
New Mexico-----	32	32	-	-	-	-	1	-	2	6	-	-
Arizona-----	208	8	1	-	-	-	-	-	18	2	-	-
Utah-----	17	124	-	-	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	452	463	-	-	-	2	3	-	97	80	1	-
Washington-----	87	217	-	-	-	-	-	-	30	-	-	-
Oregon-----	79	65	-	-	-	-	1	-	22	21	-	-
California-----	286	181	-	-	-	2	2	-	45	59	1	-
Alaska-----	-	1	-	-	-	-	-	-	-	1	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	2	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	80	42	-	1

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

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

death and receipt of the certificate.

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

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	4th week ended Jan. 30, 1954	3d week ended Jan. 23, 1954	4th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 4 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	10,363	10,808	10,201	+1.6	43,547	45,825	-5.0
New England----- (14 cities)	701	721	705	-0.6	2,982	2,906	+2.6
Middle Atlantic----- (17 cities)	3,134	3,315	3,188	-1.7	13,078	13,409	-2.5
East North Central----- (17 cities)	2,141	2,205	2,102	+1.9	9,006	9,360	-3.8
West North Central----- (8 cities)	685	764	704	-2.7	3,008	3,632	-17.2
South Atlantic----- (9 cities)	793	819	864	-8.2	3,257	3,594	-9.4
East South Central----- (8 cities)	463	496	496	-6.7	2,126	2,229	-4.6
West South Central----- (13 cities)	815	889	806	+1.1	3,548	3,688	-3.8
Mountain----- (8 cities)	260	238	223	+16.6	1,015	1,291	-21.4
Pacific----- (12 cities)	1,371	1,361	1,327	+3.3	5,527	5,716	-3.3

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 30, 1954

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

CITY	4th week ended Jan. 30, 1954	3d week ended Jan. 23, 1954	CUMULATIVE NUMBER FOR FIRST 4 WEEKS		CITY	4th week ended Jan. 30, 1954	3d week ended Jan. 23, 1954	CUMULATIVE NUMBER FOR FIRST 4 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	238	213	941	958	St. Louis-----	236	263	984	1,145
Bridgeport-----	43	46	162	134	St. Paul-----	58	80	286	341
Cambridge-----	32	35	131	128	Wichita-----	30	43	165	182
Fall River-----	22	31	114	110	SOUTH ATLANTIC				
Hartford-----	41	46	209	205	Atlanta-----	106	120	460	444
Lowell-----	32	35	132	111	Baltimore-----	249	252	989	1,042
Lynn-----	17	30	106	100	Charlotte-----	28	26	113	115
New Bedford-----	23	28	101	100	Jacksonville-----	(43)	(64)	(241)	---
New Haven-----	44	47	197	207	Miami-----	65	62	257	245
Providence-----	72	72	286	286	Norfolk-----	32	33	147	169
Somerville-----	18	20	64	64	Richmond-----	64	49	268	324
Springfield, Mass.-----	41	44	188	144	Savannah-----	(31)	(27)	(111)	---
Waterbury-----	24	24	115	121	Tampa-----	47	71	245	269
Worcester-----	54	50	236	238	Washington, D. C.-----	174	170	641	870
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	45	58	192	214	Birmingham-----	87	81	380	345
Allentown-----	(36)	(31)	(140)	---	Chattanooga-----	47	50	240	189
Buffalo-----	142	162	645	614	Knoxville-----	23	37	141	136
Camden-----	43	42	174	163	Louisville-----	106	107	462	456
Elizabeth-----	35	29	142	127	Memphis-----	99	105	422	581
Erie-----	36	41	149	152	Mobile-----	39	33	142	137
Jersey City-----	98	88	334	310	Montgomery-----	27	29	120	148
Newark, N. J.-----	121	114	478	473	Nashville-----	35	54	219	237
New York City-----	1,623	1,719	6,989	7,277	WEST SOUTH CENTRAL				
Paterson-----	32	62	187	161	Austin-----	21	13	96	135
Philadelphia-----	479	542	1,816	1,990	Baton Rouge-----	30	27	117	82
Pittsburgh-----	188	157	711	729	Corpus Christi-----	11	21	64	92
Reading-----	(21)	(24)	(88)	---	Dallas-----	110	115	479	465
Rochester, N. Y.-----	89	105	414	430	El Paso-----	37	33	136	161
Schenectady-----	33	28	123	109	Fort Worth-----	58	52	239	291
Scranton-----	(44)	(43)	(169)	---	Houston-----	107	155	609	567
Syracuse-----	62	58	255	237	Little Rock-----	24	53	175	195
Trenton-----	48	45	213	190	New Orleans-----	169	199	657	674
Utica-----	34	31	128	119	Oklahoma City-----	54	52	259	267
Yonkers-----	26	34	128	114	San Antonio-----	76	100	348	416
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	48	59	256	251	Albuquerque-----	22	26	112	152
Canton-----	34	40	153	108	Colorado Springs-----	18	12	56	81
Chicago-----	790	772	3,064	3,416	Denver-----	113	110	438	566
Cincinnati-----	121	133	613	610	Ogden-----	14	7	45	50
Cleveland-----	198	224	902	850	Phoenix-----	28	19	111	110
Columbus-----	105	122	480	464	Pueblo-----	14	12	56	71
Dayton-----	69	76	283	258	Salt Lake City-----	48	47	183	236
Detroit-----	324	316	1,338	1,401	Tucson-----	3	5	14	25
Evansville-----	23	44	138	157	PACIFIC				
Flint-----	35	41	151	135	Berkeley-----	21	20	82	79
Fort Wayne-----	24	26	108	151	Long Beach-----	44	49	219	208
Gary-----	(20)	(28)	(98)	---	Los Angeles-----	502	497	2,028	2,099
Grand Rapids-----	40	48	171	166	Oakland-----	81	105	375	436
Indianapolis-----	---	(119)	---	(514)	Pasadena-----	38	36	154	160
Milwaukee-----	130	131	511	569	Portland, Oreg.-----	100	114	438	435
Peoria-----	37	34	132	122	Sacramento-----	45	53	220	214
South Bend-----	22	19	101	93	San Diego-----	82	56	313	319
Toledo-----	96	72	396	373	San Francisco-----	216	199	835	922
Youngstown-----	45	48	209	236	Seattle-----	135	147	518	504
WEST NORTH CENTRAL					PACIFIC				
Des Moines-----	36	42	185	242	Spokane-----	72	49	220	185
Duluth-----	23	24	108	118	Tacoma-----	35	36	145	155
Kansas City, Kans.-----	(55)	(35)	---	(165)	Honolulu-----	(34)	(44)	(151)	(143)
Kansas City, Mo.-----	117	124	491	640					
Minneapolis-----	127	122	522	612					
Omaha-----	58	66	267	352					

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

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