

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

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Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended February 16, 1952

There was only a slight increase in the incidence of measles for the current week, 22,824 cases, as compared with the previous week (21,491). The number of cases decreased slightly in the New England, East North Central, West North Central, and West South Central, but moderate increases occurred in the remaining divisions.

Another increase in the number of cases of infectious hepatitis was reported for the current week. Kentucky reported 164 cases and Georgia 125. Since weekly reports of infectious hepatitis had not been made in previous years, it cannot be assumed that the increasing numbers of cases reported since January 1, 1952 represents a real increase in incidence.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. A. J. Chesley, Minnesota Health Officer, reports that 2 persons living in Minnesota developed psittacosis recently and that the probable source of infection was a parakeet which had been purchased in Florida. On January 6 a young man arrived home from a visit in Florida with a parakeet that he had obtained at a bird store outside of Miami. One week later the bird developed diarrhea, ruffled feathers, and appeared ill. It died on January 20 and was destroyed. On January 16 the mother of the young man became ill and the father, 2 days later. X-ray examination of the mother's chest revealed a lesion in the right upper lobe and that of the father showed involvement of the left lower lobe. The first complement fixation test on the mother's blood with psittacosis antigen was positive in a titer of 1-16 and the second test on blood drawn 2 weeks later was positive 1-64. The first specimen of blood from the father was negative but the second taken 2 weeks later was positive in a titer of 1-32. Both patients recovered promptly following antibiotic therapy.

The above cases are the first from this source to be reported since it was discovered that several psittacine birds had died of this infection on a bird farm in Florida, as reported in the *Communicable Disease Summary* for the week ended January 26. As previously reported many tourists visit these bird farms and stores and some are known to have purchased birds.

Meningococcal Meningitis

Dr. A. L. Gray, Mississippi State Board of Health, reports that on December 2, 1951 a death occurred in a family in rural Yazoo County and 2 days later there was another death in the same family. The physician who saw one patient only at the time of death stated on the death certificate that the cause was "bronchial pneumonia." The statement on the other certificate was "no doctor." On January 2 and January 5, 1952, 2 more deaths occurred about 1½ miles from the home of the two who died suddenly early in December. Investigation revealed that the duration of the illness for the 4 cases was from 8 to 16 hours. All 4 were Negroes from 13 to 22 years of age. Symptoms were characterized by sudden onset with chills, fever, nausea, vomiting, headache, cyanosis, and shock. The undertaker reported extensive hemorrhagic rashes in each of these 4 cases after death. Autopsy on the last case revealed hemorrhages in the adrenals in addition to other organs of the body. A gram negative diplococcus was found in smears from hemorrhagic lesions of the skin which

supported a diagnosis of meningococcal septicemia. All 4 cases had frequented a small country store which was a common meeting place for all Negroes in the neighborhood.

Influenza and Other Respiratory Infections

Dr. N. H. Dyer, West Virginia Director of Health, reports that outbreaks of respiratory disease have been occurring in various parts of the State. The incidence appears to have been higher in certain industrial areas. In some counties an absenteeism rate of about 35 percent in schools has been noted at the peak of the outbreak. The infections have generally been mild. Specimens are being collected for laboratory examination from persons in Kanawha County.

Dr. A. M. Washburn, Arkansas Board of Health, has supplied additional information regarding the occurrence of respiratory disease in Arkansas. Reports from about 20 counties located in all parts of the State have indicated a widespread occurrence in which mild to moderately severe cases have been observed. All ages of population have been affected although a high rate of absenteeism in schools has been noted.

Dr. M. H. Merrill, California Department of Public Health, reports that an epidemic of influenza-like illness with high fever, severe headache, cough, backache, and red throat, is sweeping through families in the city of Santa Barbara. In the same city the incidence of acute gastro-enteritis with nausea, vomiting, prostration, and usually diarrhea, is also high. In the Los Angeles city schools absenteeism from all causes is now estimated to be about 10 to 12 percent. A considerable amount of respiratory infection of moderate severity is occurring in the Metropolitan area. It is now reported that cases of respiratory disease with onset between January 14 and 21 have shown serologic evidence of type B influenza infection. Other reports of laboratory examination of specimens obtained in California which were submitted to the Influenza Information Center, N. I. H. follow:

The Preventive Medicine Division, Office of the Surgeon General, U. S. Army, has reported on 252 paired serum specimens taken at Fort Ord, California. The tests were performed in the laboratory of Dr. E. H. Lennette, California State Health Department, and 10 showed significant antibody rise, in the complement fixation test, for type B influenza. Other reports for the month of January from Army installations in the United States indicate that of 437 serum specimens tested, 4 showed significant antibody rise for type A-prime and 8 for type B.

Dr. E. H. Lennette, California State Department of Public Health, reports positive complement fixation tests for type B influenza from 7 cases in the civilian population. One patient, who resides in Long Beach in the southern end of the State, had a higher rise by the hemagglutination inhibition test to the Lee strain than to the Seattle strain of influenza B. Of the 5 remaining samples tested by hemagglutination inhibition from Sonoma County from the northern end of the State, 2 had rises in antibody titer to both the Lee and Seattle strains; in one instance, the rise in titer to the Lee strain was greater than to the Seattle strain and in the other patient the reverse was true. Of the remaining 3 patients, none had any antibody to the Lee strain and all 3 showed a rise to the Seattle strain.

The Division of Preventive Medicine, U. S. Air Force, reports that the increased incidence of respiratory disease at bases

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in New Mexico, Illinois, and New York reported last week is now decreasing

The Division of Preventive Medicine, Bureau of Medicine and Surgery, U. S. N., has reported to the Influenza Information Center that the outbreak of respiratory disease at the Naval Training Center, Bainbridge, Maryland, is continuing to decline. Bacteriologic studies have shown that streptococcus group A, type 12, was the predominating strain followed by type 6 and type 3. At the Naval Training Center at Great Lakes, the increased prevalence of streptococcal disease persists. Bacteriologic studies show that 50 percent of the cases of respiratory disease and 40 percent of the total base population are harboring group A streptococcus, including types 3, 5, 14, and 18. No influenza virus has yet been identified from specimens obtained at Great Lakes Training Center.

Dr. Robert Albrecht, New York State Department of Health, has reported an outbreak of an illness characterized by fever,

sore throat, nausea, and vomiting, in a village in Chautauqua County. Cases have been occurring since February 6 and have been of 3 to 4 days duration. There are said to be no respiratory symptoms and most cases have been in children. In a group of 500 school children 135 were reported to be ill. This outbreak is being investigated with influenza, Coxsackie disease, and epidemic gastro-enteritis being considered as possibilities.

The total number of deaths from influenza and pneumonia reported from 58 cities for the week ended February 9 was 285 as compared with 282 (corrected total) for the previous week. The numbers reported by geographical areas, with corrected figures for the previous week in parentheses, were: New England, 19 (22); Middle Atlantic, 115 (107); East North Central, 53 (47); West North Central, 25 (27); South Atlantic, 21 (24); East South Central, 16 (9); West South Central, 12 (16); Mountain, 11 (8); and Pacific, 13 (22).

Table 1.—COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1947-51	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1946-47 through 1950-51	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1947-51
	Feb. 18, 1952 ¹	Feb. 17, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	1	1	(2)	(2)	(2)	(2)	7	10	9
Brucellosis (undulant fever)----044	48	---	---	(2)	(2)	(2)	(2)	235	---	---
Diphtheria-----055	71	105	192	July 1	² 2,732	3,649	6,521	³ 551	682	1,310
Encephalitis, acute infectious---082	16	16	6	(2)	(2)	(2)	(2)	142	72	53
Hepatitis, infectious, and serum-----092,N998.5 pt.	693	---	---	(2)	(2)	(2)	(2)	³ 3,354	---	---
Malaria-----110-117	51	---	---	(2)	(2)	(2)	(2)	229	---	---
Measles-----085	22,824	13,856	13,856	Sept. 1	⁴ 173,278	99,180	99,180	⁴ 121,101	70,479	70,479
Meningococcal infections-----087	125	108	88	Sept. 1	³ 1,958	1,788	1,619	³ 812	744	608
Polio-myelitis, acute-----080	73	92	67	Apr. 1	28,216	33,002	27,966	844	907	691
Rocky Mountain spotted fever---104A	-	-	-	(2)	(2)	(2)	(2)	5	2	5
Scarlet fever and streptococcal sore throat-----050,051	3,238	2,432	2,536	Aug. 1	34,281	31,321	37,165	18,370	15,373	15,513
Trichiniasis-----128	4	---	---	(2)	(2)	(2)	(2)	27	---	---
Tularemia-----059	26	12	22	(2)	(2)	(2)	(2)	126	105	167
Typhoid fever-----040	25	26	34	Apr. 1	2,002	2,304	2,784	217	206	240
Typhus fever, endemic-----101	2	---	---	Apr. 1	---	---	---	17	---	---
Whooping cough-----056	1,140	1,545	2,095	Oct. 1	22,553	33,111	38,587	8,368	11,509	15,743
Rabies in animals-----	155	120	---	(2)	(2)	(2)	(2)	1,136	881	---

¹Botulism, California, 1 case.

²Not computed.

³Deductions: Diphtheria, Arkansas, week ended February 2, 2 cases; hepatitis, infectious, North Carolina, week ended January 5, 1 case; meningococcal infections, Arkansas, week ended January 26, 1 case.

⁴Addition: Rhode Island, week ended February 9, 58 cases.

NOTE.—Cases of specified notifiable diseases occurring in outlying possessions for current week (corresponding week of 1951 shown in parentheses) follow:

Alaska: Whooping cough, - (9).

Hawaii: Measles, 400 (2); meningococcal infections, 1 (-); scarlet fever and streptococcal sore throat, - (2).

Puerto Rico: Diphtheria, 14 (18); measles, 12 (320); typhoid fever, 2 (2); whooping cough, 15 (14); rabies in animals, 3.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ending the preceding Saturday.

When the diseases with low frequencies (botulism, cholera, dengue, plague, rabies in man, smallpox, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, []: data not included in total; 3 dashes [--]: data not available.

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED FEBRUARY 16, 1952

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

AREA	DIPHTHERIA (055)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TYPHOID FEVER (040)	
	Week ended		Week ended		Week ended		Week ended		Week ended		Week ended	
	Feb. 16, 1952	Feb. 17, 1951	Feb. 16, 1952	Feb. 17, 1951	Feb. 16, 1952	Feb. 17, 1951	Feb. 16, 1952	Feb. 17, 1951	Feb. 16, 1952	Feb. 17, 1951	Feb. 16, 1952	Feb. 17, 1951
UNITED STATES-----	71	105	22,824	13,856	125	108	73	92	3,238	2,432	25	26
NEW ENGLAND-----	-	1	5,743	613	3	1	-	3	186	223	1	-
Maine-----	-	-	328	3	1	-	-	-	6	8	-	-
New Hampshire-----	-	-	71	3	-	-	-	-	3	1	-	-
Vermont-----	-	-	176	226	-	-	-	-	2	3	-	-
Massachusetts-----	-	1	3,269	329	-	1	-	-	100	172	1	-
Rhode Island-----	-	-	351	3	-	-	-	-	10	12	-	-
Connecticut-----	-	-	1,548	49	2	-	-	3	65	27	-	-
MIDDLE ATLANTIC-----	10	4	9,327	1,600	11	14	2	12	663	441	5	3
New York-----	1	3	3,193	440	1	5	1	11	376	220	1	1
New Jersey-----	-	1	2,450	409	2	5	-	-	100	89	-	-
Pennsylvania-----	9	-	3,684	751	8	4	1	1	187	132	4	2
EAST NORTH CENTRAL-----	3	6	2,306	2,499	13	21	8	9	878	615	2	-
Ohio-----	1	4	378	649	6	9	-	3	226	196	-	-
Indiana-----	-	-	250	205	1	1	2	2	106	49	1	-
Illinois-----	1	2	545	325	2	2	-	1	121	84	-	-
Michigan-----	1	-	654	419	3	3	1	2	264	231	1	-
Wisconsin-----	-	-	479	901	1	6	5	1	161	55	-	-
WEST NORTH CENTRAL-----	7	5	376	1,086	10	8	7	16	180	129	-	-
Minnesota-----	2	2	42	84	4	2	3	-	72	31	-	-
Iowa-----	-	-	48	2	-	1	1	3	11	23	-	-
Missouri-----	2	3	34	602	4	2	-	5	36	28	-	-
North Dakota-----	-	-	45	32	-	1	-	1	6	4	-	-
South Dakota-----	-	-	6	21	-	1	2	1	5	-	-	-
Nebraska-----	-	-	128	2	-	-	-	4	11	8	-	-
Kansas-----	3	-	73	343	2	1	1	2	39	35	-	-
SOUTH ATLANTIC-----	25	15	2,373	1,096	16	22	11	13	293	226	7	6
Delaware-----	-	-	18	24	-	-	-	-	7	5	-	-
Maryland-----	-	-	563	57	2	3	-	-	42	26	-	1
District of Columbia-----	-	-	64	54	-	1	-	-	12	18	-	-
Virginia-----	4	4	616	153	6	4	2	-	105	51	2	2
West Virginia-----	2	1	261	120	2	4	1	1	26	14	1	-
North Carolina-----	6	2	95	133	3	5	5	5	68	67	1	1
South Carolina-----	4	1	26	23	-	1	-	-	4	9	-	-
Georgia-----	6	4	571	499	1	1	1	5	16	14	3	-
Florida-----	3	3	139	33	2	3	2	2	13	22	-	2
EAST SOUTH CENTRAL-----	15	18	1,251	621	30	18	3	6	100	106	5	5
Kentucky-----	2	2	469	389	13	10	-	-	53	37	1	2
Tennessee-----	7	1	242	113	13	6	-	3	42	59	-	3
Alabama-----	5	8	491	24	2	1	-	-	3	10	2	-
Mississippi-----	1	7	49	95	2	1	3	3	2	-	2	-
WEST SOUTH CENTRAL-----	5	34	271	3,155	19	8	35	9	261	137	3	6
Arkansas-----	1	4	32	151	1	2	-	-	46	8	1	2
Louisiana-----	1	4	20	110	5	1	6	1	3	24	-	2
Oklahoma-----	3	4	15	308	2	1	1	1	18	18	-	-
Texas-----	-	22	204	2,586	11	4	28	7	194	87	2	2
MOUNTAIN-----	1	6	494	1,495	2	5	4	5	306	180	2	2
Montana-----	-	1	111	38	-	-	-	-	14	12	-	-
Idaho-----	1	-	31	64	-	-	1	1	6	36	2	-
Wyoming-----	-	-	2	81	-	-	-	-	102	1	-	-
Colorado-----	-	1	72	862	2	4	1	4	9	15	-	1
New Mexico-----	-	3	27	36	-	-	-	-	8	4	-	1
Arizona-----	-	1	65	368	-	1	-	-	138	17	-	-
Utah-----	-	-	186	45	-	-	2	-	24	95	-	-
Nevada-----	-	-	-	1	-	-	-	-	5	-	-	-
PACIFIC-----	5	16	683	1,691	21	11	3	19	371	375	-	4
Washington-----	-	1	119	483	1	2	1	4	60	124	-	-
Oregon-----	-	7	68	49	2	2	2	6	80	78	-	3
California-----	5	8	496	1,159	18	7	-	9	231	173	-	1

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED FEBRUARY 16, 1952—Continued

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

AREA	WHOOPIING COUGH (056)		Botulism (049.1)	Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Feb. 16, 1952	Feb. 17, 1951											
UNITED STATES-----	1,140	1,545	1	48	16	693	51	-	-	4	26	2	155
NEW ENGLAND-----	103	166	-	-	1	15	-	-	-	-	-	-	-
Maine-----	4	20	-	-	-	9	-	-	-	-	-	-	-
New Hampshire-----	1	11	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	5	31	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	72	75	-	-	1	6	-	-	-	-	-	-	-
Rhode Island-----	7	16	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	14	13	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	171	276	-	-	7	39	6	-	-	4	-	-	15
New York-----	59	73	-	-	4	18	-	-	-	2	-	-	-
New Jersey-----	38	66	-	-	3	-	2	-	-	-	-	-	-
Pennsylvania-----	74	117	-	-	-	21	4	-	-	2	-	-	15
EAST NORTH CENTRAL-----	133	190	-	13	5	52	2	-	-	-	3	-	20
Ohio-----	26	38	-	-	-	12	-	-	-	-	-	-	4
Indiana-----	10	21	-	1	1	7	-	-	-	-	-	-	7
Illinois-----	11	12	-	6	-	2	-	-	-	-	3	-	6
Michigan-----	44	62	-	1	3	22	-	-	-	-	-	-	2
Wisconsin-----	42	57	-	5	1	9	2	-	-	-	-	-	1
WEST NORTH CENTRAL-----	42	80	-	19	-	33	2	-	-	-	3	-	18
Minnesota-----	10	10	-	5	-	2	1	-	-	-	-	-	5
Iowa-----	5	11	-	10	-	17	-	-	-	-	-	-	1
Missouri-----	16	11	-	1	-	11	1	-	-	-	2	-	8
North Dakota-----	1	3	-	-	-	3	-	-	-	-	-	-	4
South Dakota-----	1	4	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	3	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	9	36	-	3	-	-	-	-	-	-	1	-	-
SOUTH ATLANTIC-----	116	183	-	5	-	181	5	-	-	-	10	-	26
Delaware-----	1	3	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	4	26	-	-	-	10	1	-	-	-	-	-	-
District of Columbia-----	-	1	-	-	-	1	-	-	-	-	1	-	-
Virginia-----	24	34	-	1	-	16	2	-	-	-	3	-	9
West Virginia-----	49	20	-	-	-	8	-	-	-	-	-	-	2
North Carolina-----	11	38	-	2	-	20	-	-	-	-	-	-	4
South Carolina-----	5	3	-	1	-	-	1	-	-	-	1	-	7
Georgia-----	14	44	-	-	-	125	1	-	-	-	4	-	6
Florida-----	10	14	-	1	-	1	-	-	-	-	1	-	-
EAST SOUTH CENTRAL-----	115	76	-	-	2	311	19	-	-	-	3	-	40
Kentucky-----	20	21	-	-	-	164	19	-	-	-	3	-	13
Tennessee-----	27	11	-	-	2	63	-	-	-	-	-	-	10
Alabama-----	63	37	-	-	-	64	-	-	-	-	-	-	9
Mississippi-----	5	7	-	-	-	-	-	-	-	-	-	-	8
WEST SOUTH CENTRAL-----	368	382	-	-	1	5	15	-	-	-	4	2	34
Arkansas-----	21	45	-	-	-	-	-	-	-	-	1	-	-
Louisiana-----	8	2	-	-	-	-	4	-	-	-	1	-	-
Oklahoma-----	5	37	-	-	1	2	3	-	-	-	-	-	6
Texas-----	354	298	-	-	-	3	8	-	-	-	2	1	28
MOUNTAIN-----	56	122	-	-	-	26	-	-	-	-	3	-	-
Montana-----	2	20	-	-	-	2	-	-	-	-	2	-	-
Idaho-----	3	2	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	5	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	7	16	-	-	-	9	-	-	-	-	-	-	-
New Mexico-----	14	34	-	-	-	5	-	-	-	-	-	-	-
Arizona-----	22	45	-	-	-	4	-	-	-	-	-	-	-
Utah-----	8	-	-	-	-	6	-	-	-	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	14	70	1	11	-	31	2	-	-	-	-	-	-
Washington-----	9	18	-	9	-	-	-	-	-	-	-	-	-
Oregon-----	5	2	-	-	-	8	-	-	-	-	-	-	-
California-----	-	50	1	2	-	23	2	-	-	-	-	-	-

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Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
FEBRUARY 16, 1952

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

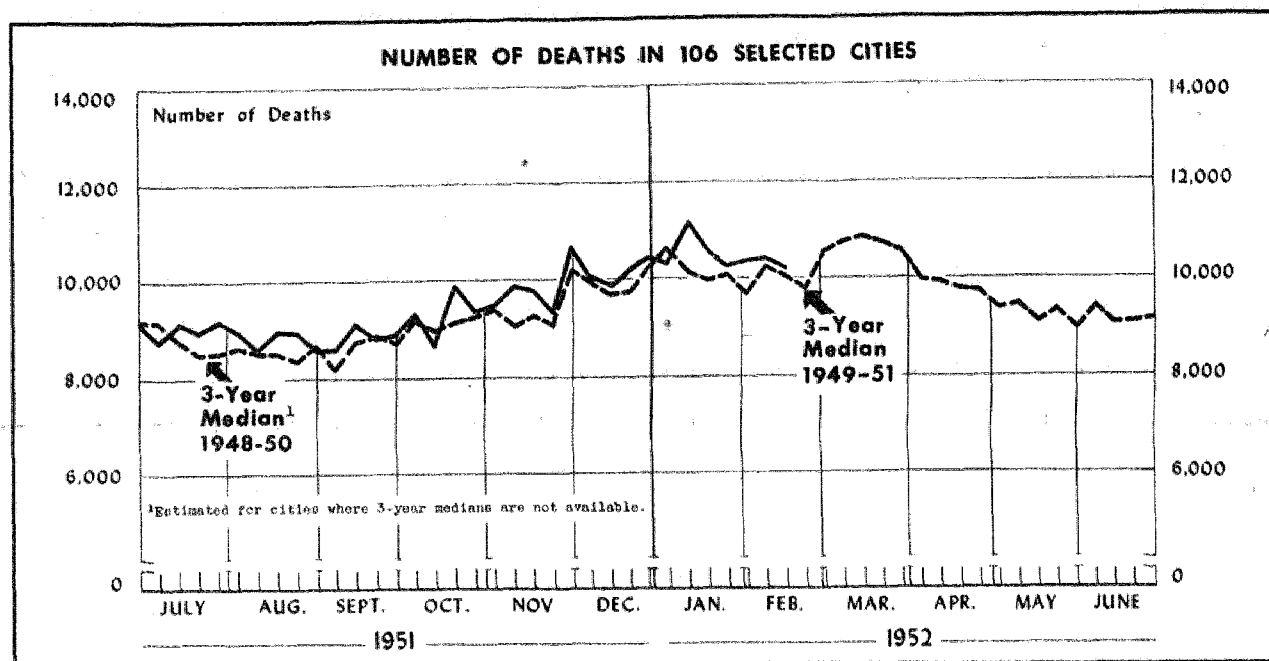
AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (082, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliovirus, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050, 051)	Trichiniasis (126)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
TOTAL: 96 cities--	2	15	4	68	7025	41	20	-	800	4	1	7	-	230	19
NEW ENGLAND															
Boston-----	-	1	-	3	254	-	-	-	22	-	-	-	-	23	-
Bridgeport-----	-	-	-	-	94	-	-	-	-	-	-	-	-	-	-
Cambridge-----	-	-	-	-	235	-	-	-	-	-	-	-	-	2	-
Fall River-----	-	-	-	-	58	-	-	-	-	-	-	-	-	1	-
Hartford-----	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-
Lowell-----	-	-	-	-	49	-	-	-	1	-	-	-	-	-	-
Lynn-----	-	-	-	-	3	-	-	-	6	-	-	-	-	-	-
New Bedford-----	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-
New Haven-----	-	-	-	-	91	-	-	-	8	-	-	-	-	2	-
Portland, Me.-----	-	-	-	9	140	-	-	-	-	-	-	-	-	-	-
Providence-----	-	-	-	-	52	-	-	-	-	-	-	-	-	1	-
Somerville-----	-	-	-	-	221	-	-	-	9	-	-	-	-	5	-
Springfield, Mass.-----	-	1	-	-	16	-	-	-	8	-	-	-	-	-	-
Waterbury-----	-	-	-	-	87	-	-	-	10	-	-	-	-	1	-
Worcester-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo-----	-	-	-	-	5	-	-	-	7	-	-	-	-	2	-
Camden-----	-	-	-	-	16	-	-	-	-	-	-	-	-	1	-
Elizabeth-----	-	-	-	-	65	-	-	-	-	-	-	-	-	-	-
Erie-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jersey City-----	-	-	-	-	26	-	-	-	5	-	-	-	-	2	-
Newark, N. J.-----	-	-	-	-	344	-	-	-	8	-	-	-	-	10	-
New York City-----	-	1	1	6	1,489	-	-	-	123	2	-	1	-	27	-
Paterson-----	-	-	-	-	12	-	-	-	5	-	-	-	-	-	-
Philadelphia-----	-	-	-	18	940	2	-	-	21	2	-	-	-	18	-
Pittsburgh-----	-	-	-	-	13	3	-	-	19	-	-	1	-	3	-
Reading-----	-	-	-	-	5	-	-	-	1	-	-	-	-	1	-
Rochester, N. Y.-----	-	-	-	-	97	-	-	-	6	-	-	-	-	-	-
Schenectady-----	-	-	-	-	74	-	-	-	1	-	-	-	-	1	-
Syracuse-----	-	-	-	-	110	-	-	-	3	-	-	-	-	4	-
Trenton-----	-	-	-	-	37	-	-	-	-	-	-	-	-	1	-
Utica-----	-	-	-	-	84	-	-	-	16	-	-	-	-	-	-
Yonkers-----	-	-	-	-	15	-	-	-	2	-	-	-	-	-	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton-----	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-
Chicago-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cincinnati-----	-	-	-	3	194	8	-	-	16	-	-	-	-	15	-
Cleveland-----	-	-	-	-	171	-	-	-	57	-	-	1	-	6	-
Columbus-----	-	-	-	-	4	1	-	-	27	-	-	-	-	1	-
Dayton-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detroit-----	-	-	2	-	252	3	-	-	46	-	-	-	-	25	1
Evansville-----	-	-	-	1	8	-	-	-	1	-	-	-	-	-	-
Flint-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Wayne-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Grand Rapids-----	-	-	-	-	171	1	-	-	13	-	-	-	-	-	-
Indianapolis-----	-	-	-	-	86	1	1	-	17	-	-	-	-	7	-
Milwaukee-----	1	-	-	-	239	2	-	-	19	-	-	-	-	5	-
Peoria-----	-	-	-	-	1	-	-	-	9	-	-	-	-	-	-
South Bend-----	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-
Toledo-----	-	-	-	-	6	1	-	-	5	-	-	-	-	-	-
Youngstown-----	-	-	-	-	30	-	-	-	-	-	-	-	-	3	-
WEST NORTH CENTRAL															
Des Moines-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duluth-----	-	-	-	-	-	-	1	-	2	-	-	-	-	2	-
Kansas City, Kans.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo.-----	-	2	-	1	23	1	-	-	9	-	-	-	-	3	-
Minneapolis-----	-	-	-	-	5	4	-	-	17	-	-	-	-	-	-
Omaha-----	-	-	-	-	69	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	-	2	1	1	-	-	5	-	-	-	-	1	-
St. Paul-----	-	-	-	-	2	-	-	-	9	-	-	-	-	5	-
Wichita-----	-	-	-	-	25	-	-	-	7	-	-	-	-	-	-

Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
FEBRUARY 16, 1952—Continued

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----	---	---	---	9	392	1	---	---	22	---	---	---	---	---	---
Baltimore-----	---	---	---	---	9	---	---	---	5	---	---	---	---	---	---
Charleston, S. C.-----	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---
Charleston, W. Va.-----	---	---	---	---	1	---	---	---	3	---	---	---	---	---	---
Charlotte-----	---	---	---	---	13	---	---	---	6	---	---	---	---	---	---
Miami-----	---	---	---	---	6	---	1	---	2	---	---	---	---	---	---
Norfolk-----	---	---	---	1	27	---	---	---	1	---	---	---	---	---	---
Richmond-----	---	---	---	---	19	---	---	---	---	---	---	---	---	---	---
Savannah-----	---	---	---	---	---	---	---	---	---	---	---	---	---	8	---
Tampa-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Washington, D. C.-----	---	---	---	1	84	---	---	---	12	---	1	---	---	1	---
Wilmington, Del.-----	---	---	---	---	1	---	---	---	2	---	---	---	---	1	---
EAST SOUTH CENTRAL															
Birmingham-----	---	1	---	5	17	1	---	---	---	---	---	2	---	---	---
Chattanooga-----	---	1	---	2	9	1	---	---	---	---	---	---	---	2	---
Knoxville-----	---	3	---	---	29	---	---	---	2	---	---	---	---	1	---
Louisville-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Memphis-----	---	---	---	---	16	---	---	---	3	---	---	---	---	5	---
Mobile-----	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---
Montgomery-----	---	1	---	---	215	---	---	---	---	---	---	---	---	---	---
Nashville-----	---	---	---	---	4	2	---	---	3	---	---	---	---	---	---
WEST SOUTH CENTRAL															
Dallas-----	---	---	---	---	2	---	1	---	10	---	---	1	---	---	---
El Paso-----	---	---	---	---	5	---	---	---	17	---	---	---	---	---	---
Fort Worth-----	---	---	---	---	5	2	---	---	9	---	---	---	---	---	---
Galveston-----	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---
Houston-----	---	2	---	---	---	1	3	---	1	---	---	---	---	---	---
Little Rock-----	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---
New Orleans-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oklahoma City-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
San Antonio-----	---	---	---	---	---	---	2	---	---	---	---	---	---	8	---
Shreveport-----	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---
Tulsa-----	---	---	---	---	9	---	---	---	2	---	---	---	---	---	---
MOUNTAIN															
Albuquerque-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Boise City-----	---	---	---	---	5	---	---	---	---	---	---	---	---	---	---
Colorado Springs-----	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---
Denver-----	---	---	---	---	9	1	---	---	4	---	---	---	---	7	---
Ogden-----	---	---	---	---	19	---	---	---	1	---	---	---	---	---	---
Phoenix-----	---	---	---	---	18	---	---	---	40	---	---	---	---	---	---
Pueblo-----	---	---	1	---	---	---	1	---	---	---	---	---	---	---	---
Salt Lake City-----	---	---	---	---	10	---	---	---	8	---	---	---	---	5	---
Tucson-----	---	---	---	---	1	---	---	---	4	---	---	---	---	3	---
PACIFIC															
Long Beach-----	---	---	---	---	18	---	1	---	3	---	---	---	---	---	---
Los Angeles-----	1	---	---	5	64	1	3	---	18	---	---	---	---	4	---
Oakland-----	---	---	---	1	2	---	---	---	3	---	---	---	---	1	---
Portland, Oreg.-----	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---
Sacramento-----	---	---	---	---	4	---	2	---	3	---	---	---	---	---	---
San Diego-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
San Francisco-----	---	2	---	---	15	1	3	---	14	---	---	---	---	4	---
Seattle-----	---	---	---	1	11	1	---	---	6	---	---	---	---	---	---
Spokane-----	---	---	---	---	5	---	1	---	12	---	---	---	---	2	---
Tacoma-----	---	---	---	---	1	---	---	---	3	---	---	---	---	---	---
Honolulu-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Provisional Statistics for Deaths in Selected Cities for Week Ended February 16, 1952



The chart shows the number of deaths reported for 106 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 three 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 4.—DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

GEOGRAPHIC DIVISION	7th week ended Feb. 16, 1952	6th week ended Feb. 9, 1952	7th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 7 WEEKS		
					1952	1951	Percentage difference
TOTAL: 103 REPORTING CITIES-----	10,042	10,289	9,963	+0.8	72,501	71,693	+1.1
New England----- (14 cities)	656	650	714	-8.1	4,811	4,978	-3.3
Middle Atlantic----- (17 cities)	3,185	3,220	2,960	+6.9	22,221	21,987	+1.1
East North Central----- (17 cities)	2,158	2,239	2,164	-0.3	15,285	15,395	-0.7
West North Central----- (8 cities)	686	662	736	-6.8	5,073	4,932	+2.9
South Atlantic----- (9 cities)	820	784	734	+11.7	5,604	5,320	+5.3
East South Central----- (7 cities)	428	480	399	+7.3	3,086	3,159	-2.3
West South Central----- (13 cities)	757	786	729	+3.8	5,464	5,593	-2.3
Mountain----- (6 cities)	180	214	198	-9.1	1,431	1,272	+12.5
Pacific----- (12 cities)	1,192	1,254	1,278	-6.7	9,526	9,059	+5.2

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

FEBRUARY 16, 1952

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

CITY	7th week ended Feb. 16, 1952	6th week ended Feb. 9, 1952	CUMULATIVE NUMBER FOR FIRST 7 WEEKS		CITY	7th week ended Feb. 16, 1952	6th week ended Feb. 9, 1952	CUMULATIVE NUMBER FOR FIRST 7 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	226	198	1,566	1,676	St. Paul-----	54	66	460	465
Bridgeport-----	31	37	261	242	Wichita-----	55	37	324	281
Cambridge-----	30	41	241	228	SOUTH ATLANTIC				
Fall River-----	27	21	202	227	Atlanta-----	84	97	707	625
Hartford-----	39	51	334	341	Baltimore-----	246	239	1,717	1,665
Lowell-----	26	22	180	213	Charlotte-----	24	35	201	207
Lynn-----	26	27	175	172	Miami-----	62	72	432	415
New Bedford-----	22	25	175	168	Norfolk-----	27	27	216	226
New Haven-----	52	39	298	331	Richmond-----	83	85	485	477
Providence-----	60	74	468	478	Tampa-----	69	68	467	347
Somerville-----	27	11	121	124	Washington, D. C.-----	199	160	1,144	1,160
Springfield, Mass.-----	28	32	258	254	Wilmington, Del.-----	26	21	235	198
Waterbury-----	18	22	180	168	EAST SOUTH CENTRAL				
Worcester-----	44	50	352	354	Birmingham-----	66	65	496	572
MIDDLE ATLANTIC					Chattanooga-----	51	50	354	328
Albany-----	47	49	281	326	Knoxville-----	39	53	226	274
Buffalo-----	137	139	1,024	1,016	Louisville-----	81	108	707	679
Camden-----	35	29	263	270	Memphis-----	95	104	713	661
Elizabeth-----	50	79	274	241	Mobile-----	40	36	233	228
Eric-----	35	31	233	228	Montgomery-----	(14)	(24)	(190)	(215)
Jersey City-----	72	62	540	499	Nashville-----	56	64	357	417
Newark, N. J.-----	115	122	867	790	WEST SOUTH CENTRAL				
New York City-----	1,678	1,672	11,641	11,586	Austin-----	17	25	162	199
Paterson-----	45	53	301	277	Baton Rouge-----	15	26	117	101
Philadelphia-----	498	510	3,521	3,664	Corpus Christi-----	16	18	123	107
Pittsburgh-----	161	184	1,271	1,177	Dallas-----	115	99	645	613
Rochester, N. Y.-----	109	105	698	637	El Paso-----	32	27	201	228
Schenectady-----	25	17	171	157	Fort Worth-----	53	68	393	403
Syracuse-----	60	48	371	348	Houston-----	127	113	889	889
Trenton-----	41	51	349	351	Little Rock-----	58	33	337	295
Utica-----	27	38	208	204	New Orleans-----	152	152	1,093	1,231
Yonkers-----	30	32	208	216	Oklahoma City-----	49	61	415	392
EAST NORTH CENTRAL					San Antonio-----	74	72	546	602
Akron-----	65	56	423	347	Shreveport-----	38	40	271	272
Canton-----	33	26	229	188	Tulsa-----	11	52	272	261
Chicago-----	750	783	5,005	5,318	MOUNTAIN				
Cincinnati-----	137	131	1,021	1,048	Albuquerque-----	---	(27)	---	(171)
Cleveland-----	198	211	1,445	1,480	Colorado Springs-----	4	8	79	83
Columbus-----	102	98	723	720	Denver-----	98	121	743	687
Dayton-----	60	60	421	441	Ogden-----	11	11	88	58
Detroit-----	319	323	2,164	2,203	Phoenix-----	18	22	156	137
Evansville-----	---	(35)	---	(223)	Pueblo-----	9	11	79	47
Flint-----	36	37	261	193	Salt Lake City-----	40	41	286	260
Fort Wayne-----	38	32	206	249	Tucson-----	(6)	(6)	(43)	(44)
Grand Rapids-----	42	44	275	285	PACIFIC				
Indianapolis-----	96	122	801	772	Berkeley-----	19	22	154	122
Milwaukee-----	113	122	868	814	Long Beach-----	60	49	358	349
Peoria-----	36	25	243	211	Los Angeles-----	409	470	3,454	3,335
South Bend-----	13	29	166	178	Oakland-----	115	104	791	698
Toledo-----	76	89	669	674	Pasadena-----	35	30	254	215
Youngstown-----	44	51	365	274	Portland, Oreg.-----	98	93	802	756
WEST NORTH CENTRAL					Sacramento-----	39	41	339	343
Des Moines-----	---	(59)	---	(362)	San Diego-----	73	73	566	491
Duluth-----	25	30	160	180	San Francisco-----	152	198	1,439	1,424
Kansas City, Kans.-----	46	28	272	270	Seattle-----	100	112	834	807
Kansas City, Mo.-----	109	105	838	801	Spokane-----	48	31	279	276
Minneapolis-----	117	111	875	314	Tacoma-----	44	31	256	243
Omaha-----	68	51	444	397	Honolulu-----	(32)	(37)	(229)	(236)
St. Louis-----	212	234	1,700	1,724					

Symbols.—parentheses [()] : data not included in table 4; 3 dashes [---] : data not available.