

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 January 26, 1952

The incidence of measles was slightly higher for the current week as compared with the previous week. Forty-three percent of those reported for the current week were in 3 States with large populations, namely, Massachusetts, New York, and Pennsylvania.

The number of cases of infectious hepatitis was somewhat lower than the previous week. Relatively large numbers were reported in Alabama (122), Tennessee (60), and Georgia (42). Figures for the previous week for these States were 92, 54, and 47, respectively.

The numbers of reported cases of meningococcal infections and of scarlet fever and streptococcal sore throat for the current week were higher than for the same week last year. Cumulative totals for the first 4 weeks of 1952 were 457 for meningococcal infections and 8,788 for scarlet fever and streptococcal sore throat. For the same period in 1951, the cumulative totals for these diseases were 419 and 8,052, respectively.

EPIDEMIOLOGICAL REPORTS

Respiratory Infections

The outbreak of an influenza-like disease reported last week to be occurring in Caldwell County, Kentucky, is now subsiding. No information is as yet available on the serological tests which were requested.

Dr. M. H. Merrill, California Department of Public Health, has reported the occurrence of a mild influenza-like disease in the adjoining counties of Marin, Napa, and Sonoma. Symptoms consist of fever, muscle pains, and mild respiratory involvements. Absenteeism has been high in junior and senior high schools, with an apparent peak on January 28. Blood specimens and throat washings have been submitted for laboratory examination.

The number of deaths from influenza and pneumonia in 58 selected cities for the week ended January 19 was 286 as compared with 320 for the previous week, and 288 for the week ended January 5. The numbers reported by geographical regions with the previous figures in parentheses were: New England 16 (24), Middle Atlantic 98 (93), East North Central 53 (70), West North Central 17 (38), South Atlantic 31 (24), East South Central 10 (23), West South Central 27 (19), Mountain 12 (13), and Pacific 22 (28).

Collection of Specimens for the Diagnosis of Influenza

The following note regarding the collecting of specimens for the diagnosis of influenza has been prepared by Dr. Dorland J. Davis, Influenza Information Center, National Institutes of Health.

A specific diagnosis of influenza can be made only by isolation and identification of influenza virus or the demonstration of a rise in specific antibodies following infection. Laboratories cooperating in the World Health Organization Influenza Study Program in the United States which includes many State health department laboratories are prepared to make these tests. Lists of these laboratories have been circulated to State health departments and others concerned.

Material, i.e., throat washings, for virus isolation should be secured during the febrile period or during the first 6 days follow-

ing onset of illness, by requesting the patient to cough, then gargle with 10 to 15 ml. of sterile bacteriological broth. The throat washing should be kept refrigerated or preferably frozen until delivered to the diagnostic laboratory. In children too young to gargle, satisfactory specimens may usually be obtained by swabbing the throat with a cotton swab and placing it in sterile bacteriological broth.

At least 2 samples of sterile serum, 1 taken within the first 5 days after onset of illness, and the second 14 to 20 days after onset, are required for a serological diagnosis. Single serum samples from a patient are of no value in the specific diagnosis of influenza. Serum samples should be free of hemolysis and fully sealed and labeled.

Brill's Disease

Dr. Morris Greenberg, New York City Department of Health, has reported a case of Brill's disease in a 52-year old man who became ill late in November 1951 with high fever, severe chills, and headache. There was no rash. Complement fixation tests done on November 28 were negative for rickettsialpox, endemic and epidemic typhus fever, and Rocky Mountain spotted fever. Agglutination with *Proteus* OX 19 was negative at this time. On December 7 the complement fixation test was positive in a dilution of 1-512 for epidemic typhus and 1-256 for endemic typhus, but negative for other rickettsial infections. Agglutination with *Proteus* OX 19 was positive in a dilution of 1-160. A third specimen of blood taken on December 19 showed essentially the same reactions as the second specimen. The patient was a sewing machine operator and had not been out of the city in recent weeks. He was born in Poland and came to this country 25 years ago. A history of typhus fever at the age of 8 while living in Poland was obtained.

Infectious Hepatitis

Dr. W. R. Geidt, Washington State Department of Health, has received information on an outbreak of infectious hepatitis on Vashon Island, King County. There have been 28 cases reported officially but it is estimated that the actual number is in excess of 100. The first case to be observed developed late in December. Most of the patients are adults but a few are in teen-age children. Investigation has shown that nearly all persons involved in the outbreak have used the same water supply which is limited to a small area on the island. Immune globulin is being given to contacts of cases in an effort to prevent the spread of the infection.

Dr. Grace Fields, Alaska Department of Health, has made a preliminary report of an epidemic of infectious hepatitis in the Pribiloff Islands. On December 26 and again on January 23, cases were reported on St. Paul Island. A total of 156 definitely diagnosed and 18 probable cases have been found. Eleven cases have also been seen on St. George Island.

Psittacosis

Dr. L. L. Parks, Florida Board of Health has reported that a parrot which had been purchased from a bird farm in Florida late in December 1951 died on January 7. Laboratory examination showed that the bird had psittacosis. This was 1 of 8 birds

obtained from another part of the State. All but 1 of the remaining 7 have been sold, and of these, 3 are known to have been taken out of the State. Four dead parakeets were also found on the farm on January 18, all of which on laboratory examination were demonstrated to have psittacosis. No cases have been reported among known contacts of the sick birds. The bird farm is visited by many tourists each year.

Dr. Albert Milzer, Michael Reese Hospital, Chicago, has supplied information on an additional case of atypical pneumonia in which the acute phase serum showed a titer of 1-32 for the psittacosis virus group, and the serum 8 days later had a titer of 1-128. The patient was an adult male with a history of contact with a parakeet and also had attended a pigeon show about 2 weeks prior to onset of symptoms. This is the sixth case of psittacosis since January 1951 detected in patients diagnosed as atypical pneumonia and living in Chicago. All of these have had a history

of recent contact with parakeets or parrots.

Infectious Encephalitis

Dr. A. C. Hollister, California Department of Public Health, reports that a total of 146 cases of infectious encephalitis was reported in the State in 1951, 51 of which were confirmed by laboratory tests. Notification of cases was received from 2 counties, Contra Costa and Solano, where laboratory confirmed cases were not found during the period of 1945-1950, inclusive. Thirty one of the 51 laboratory confirmed cases were demonstrated to be the St. Louis type of infection and the remaining 20 were western equine infections. A strikingly large proportion of the western equine infections, 45 percent, were in children under 1 year of age in contrast to only 3 percent for the St. Louis type. These contrasting proportions had been noted in laboratory confirmed cases reported from 1945 to 1950.

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
	Jan. 26, 1952	Jan. 27, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	2	2	(1)	(1)	(1)	(1)	1	6	4
Brucellosis (undulant fever)-----044	46	---	---	(1)	(1)	(1)	(1)	97	---	---
Diphtheria-----055	82	89	199	July 1	2,501	3,359	5,986	320	391	775
Encephalitis, acute infectious---062	20	10	10	(1)	(1)	(1)	(1)	² 85	35	29
Hepatitis, infectious, and serum-----092,N998.5 pt.	467	---	---	(1)	(1)	(1)	(1)	³ 1,414	---	---
Malaria-----110-117	36	---	---	(1)	(1)	(1)	(1)	132	---	---
Measles-----065	16,941	9,830	9,830	Sept. 1	110,049	60,108	60,108	57,872	31,407	31,407
Meningococcal infections-----057	122	100	79	Sept. 1	1,612	1,462	1,360	457	419	350
Polomyelitis, acute-----060	133	145	92	Apr. 1	27,925	32,689	27,757	553	594	475
Rocky Mountain spotted fever---104A	-	1	1	(1)	(1)	(1)	(1)	2	1	3
Scarlet fever and streptococcal sore throat-----050,051	2,884	2,448	2,448	Aug. 1	⁴ 24,715	24,000	30,185	⁴ 8,804	8,052	8,533
Trichiniasis-----128	-	---	---	(1)	(1)	(1)	(1)	8	---	---
Tularemia-----059	18	19	26	(1)	(1)	(1)	(1)	64	65	107
Typhoid fever-----040	39	32	36	Apr. 1	1,906	2,228	2,657	121	130	130
Typhus fever, endemic-----101	4	---	---	Apr. 1	---	---	---	11	---	---
Whooping cough-----056	1,205	1,675	2,117	Oct. 1	18,912	28,483	30,435	4,727	6,881	8,899
Rabies in animals-----	185	140	---	(1)	(1)	(1)	(1)	628	521	---

¹Not computed. ²Deduction: Oregon, week ended January 19, 6 cases. ³Addition, Oregon: week ended January 19, 6 cases.

⁴Addition: Iowa, week ended January 19, 16 cases.

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

Alaska: Measles, 31 (-); scarlet fever and streptococcal sore throat, - (1); whooping cough, - (4); hepatitis, infectious and serum, 156 delayed cases for November and December, 1951.

Hawaii: Diphtheria, 2 (-); measles, 444 (2); scarlet fever and streptococcal sore throat, - (3).

Puerto Rico: Diphtheria, 13 (15); measles, 10 (127); whooping cough, 31 (8); typhoid fever, 7 (-); rabies in animals, 1.

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 ended 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 JANUARY 26, 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	
	Jan. 26, 1952	Jan. 27, 1951	Jan. 26, 1952	Jan. 27, 1951	Jan. 26, 1952	Jan. 27, 1951	Jan. 26, 1952	Jan. 27, 1951	Jan. 26, 1952	Jan. 27, 1951	Jan. 26, 1952	Jan. 27, 1951
UNITED STATES-----	82	89	16,941	9,830	122	100	133	145	2,884	2,448	39	32
NEW ENGLAND-----	1	5	4,309	442	4	1	2	3	191	259	4	-
Maine-----	-	1	290	3	1	-	-	-	10	19	-	-
New Hampshire-----	-	-	104	5	-	-	1	-	8	12	-	-
Vermont-----	-	-	402	176	-	-	-	-	7	7	-	-
Massachusetts-----	1	4	2,566	245	1	-	-	1	95	181	-	-
Rhode Island-----	-	-	271	6	-	1	-	-	12	11	1	-
Connecticut-----	-	-	876	7	2	-	1	2	59	29	3	-
MIDDLE ATLANTIC-----	11	10	6,714	1,503	20	12	4	19	537	355	4	2
New York-----	7	5	2,778	345	5	7	3	14	287	181	3	1
New Jersey-----	1	-	1,738	326	5	2	1	1	97	55	1	-
Pennsylvania-----	3	5	2,198	832	10	3	-	4	153	119	-	1
EAST NORTH CENTRAL-----	11	6	2,196	1,922	21	21	9	11	759	597	5	2
Ohio-----	2	-	318	556	7	11	-	-	196	177	2	-
Indiana-----	2	4	237	63	1	1	-	-	63	49	2	-
Illinois-----	1	-	467	289	6	5	1	3	135	88	1	-
Michigan-----	3	2	858	302	5	2	7	3	297	245	-	2
Wisconsin-----	3	-	316	712	2	2	1	5	68	38	-	-
WEST NORTH CENTRAL-----	1	4	274	772	9	10	8	7	92	133	3	3
Minnesota-----	-	3	50	85	2	1	4	1	24	33	-	-
Iowa-----	-	-	30	-	3	1	-	2	-	13	2	-
Missouri-----	-	1	59	295	3	7	1	1	22	29	1	3
North Dakota-----	-	-	37	23	1	-	-	-	10	5	-	-
South Dakota-----	1	-	5	36	-	-	-	1	-	4	-	-
Nebraska-----	-	-	48	-	-	-	-	1	10	7	-	-
Kansas-----	-	-	45	333	-	1	3	1	26	42	-	-
SOUTH ATLANTIC-----	26	18	1,559	557	15	19	15	24	315	222	7	6
Delaware-----	-	-	1	5	-	-	-	1	3	7	1	-
Maryland-----	1	1	509	14	3	1	-	1	37	28	-	-
District of Columbia-----	-	-	100	22	1	-	-	-	22	5	-	-
Virginia-----	2	3	311	158	3	-	3	3	101	31	2	2
West Virginia-----	1	-	161	8	2	7	3	-	22	11	1	-
North Carolina-----	6	2	48	173	3	8	2	4	103	78	-	2
South Carolina-----	5	5	89	7	1	2	2	1	5	6	1	-
Georgia-----	10	2	298	144	2	-	4	5	16	37	2	2
Florida-----	1	5	42	26	-	1	1	9	6	19	-	-
EAST SOUTH CENTRAL-----	7	14	728	416	11	11	15	6	127	136	4	8
Kentucky-----	1	3	-	122	3	2	4	1	48	30	1	-
Tennessee-----	2	4	321	161	6	3	4	-	47	92	1	5
Alabama-----	3	6	350	32	1	5	1	2	24	13	1	1
Mississippi-----	1	1	57	101	1	1	6	3	8	1	1	2
WEST SOUTH CENTRAL-----	16	16	178	1,794	19	12	33	17	212	119	6	7
Arkansas-----	1	3	11	128	1	1	4	4	40	8	4	1
Louisiana-----	1	2	7	20	3	-	5	2	2	17	2	1
Oklahoma-----	1	3	11	189	8	2	2	-	21	19	-	1
Texas-----	13	8	149	1,459	7	9	22	11	149	75	-	4
MOUNTAIN-----	3	9	493	1,014	2	4	14	10	269	208	2	3
Montana-----	1	2	163	16	1	-	1	-	9	30	1	-
Idaho-----	-	3	10	38	-	1	1	1	16	31	-	-
Wyoming-----	-	-	5	50	-	-	-	-	37	1	-	-
Colorado-----	-	-	43	674	-	-	-	-	12	20	-	-
New Mexico-----	1	3	115	15	-	-	4	1	6	3	-	-
Arizona-----	1	-	61	174	1	-	-	2	180	8	1	2
Utah-----	-	1	96	47	-	2	6	-	29	115	-	1
Nevada-----	-	-	-	-	-	1	-	-	-	-	-	-
PACIFIC-----	6	7	490	1,410	21	10	33	48	362	419	4	1
Washington-----	-	1	129	490	3	1	2	5	48	122	-	-
Oregon-----	2	1	94	30	2	1	5	2	61	43	-	-
California-----	4	5	267	890	16	8	26	41	253	254	4	1

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JANUARY 26, 1952—Continued
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	WHOPPING 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												
	Jan. 26, 1952	Jan. 27, 1951											
UNITED STATES-----	1,205	1,675	-	46	20	467	36	-	-	-	18	4	185
NEW ENGLAND-----	153	143	-	3	2	2	-	-	-	-	-	-	9
Maine-----	7	43	-	2	-	-	-	-	-	-	-	-	-
New Hampshire-----	6	3	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	3	57	-	1	-	-	-	-	-	-	-	-	-
Massachusetts-----	110	-	-	-	2	2	-	-	-	-	-	-	-
Rhode Island-----	2	20	-	-	-	-	-	-	-	-	-	-	9
Connecticut-----	25	20	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	190	313	-	8	5	20	11	-	-	-	-	1	25
New York-----	76	105	-	3	5	11	2	-	-	-	-	1	8
New Jersey-----	50	110	-	2	-	-	-	-	-	-	-	-	-
Pennsylvania-----	64	98	-	3	-	9	9	-	-	-	-	-	17
EAST NORTH CENTRAL-----	186	250	-	16	4	31	2	-	-	-	3	-	18
Ohio-----	38	48	-	-	-	20	-	-	-	-	-	-	3
Indiana-----	21	19	-	-	-	6	-	-	-	-	-	-	3
Illinois-----	20	26	-	11	1	1	-	-	-	-	2	-	8
Michigan-----	89	74	-	1	3	4	-	-	-	-	-	-	4
Wisconsin-----	18	83	-	4	-	-	2	-	-	-	1	-	-
WEST NORTH CENTRAL-----	31	170	-	9	-	26	-	-	-	-	2	-	21
Minnesota-----	5	26	-	4	-	1	-	-	-	-	2	-	7
Iowa-----	-	10	-	4	-	11	-	-	-	-	-	-	11
Missouri-----	9	8	-	-	-	11	-	-	-	-	-	-	2
North Dakota-----	-	24	-	-	-	1	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	17	102	-	1	-	2	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	141	268	-	3	2	109	12	-	-	-	8	1	32
Delaware-----	1	3	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	7	11	-	-	-	4	-	-	-	-	-	-	-
District of Columbia-----	1	8	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	25	76	-	-	1	15	3	-	-	-	3	-	17
West Virginia-----	64	17	-	-	-	25	-	-	-	-	-	-	1
North Carolina-----	19	89	-	-	-	17	4	-	-	-	1	-	3
South Carolina-----	5	5	-	1	1	-	3	-	-	-	3	-	3
Georgia-----	14	30	-	2	-	42	2	-	-	-	1	1	8
Florida-----	5	29	-	-	-	6	-	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	51	84	-	1	-	200	5	-	-	-	3	1	35
Kentucky-----	7	12	-	-	-	17	3	-	-	-	-	-	9
Tennessee-----	18	25	-	-	-	60	-	-	-	-	1	-	10
Alabama-----	19	46	-	-	-	122	2	-	-	-	1	1	8
Mississippi-----	7	1	-	1	-	1	-	-	-	-	1	-	8
WEST SOUTH CENTRAL-----	280	291	-	4	6	13	1	-	-	-	1	1	40
Arkansas-----	21	22	-	-	-	-	-	-	-	-	-	-	5
Louisiana-----	4	2	-	-	-	-	1	-	-	-	-	1	-
Oklahoma-----	14	33	-	1	-	-	-	-	-	-	1	-	6
Texas-----	241	234	-	3	6	13	-	-	-	-	-	-	29
MOUNTAIN-----	83	90	-	-	-	15	1	-	-	-	-	-	4
Montana-----	8	10	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	1	16	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	4	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	10	21	-	-	-	1	1	-	-	-	-	-	-
New Mexico-----	5	14	-	-	-	6	-	-	-	-	-	-	4
Arizona-----	35	25	-	-	-	4	-	-	-	-	-	-	-
Utah-----	24	-	-	-	-	4	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	90	66	-	2	1	51	4	-	-	-	1	-	1
Washington-----	1	14	-	-	-	27	-	-	-	-	-	-	-
Oregon-----	11	12	-	-	-	8	-	-	-	-	-	-	-
California-----	78	40	-	2	1	16	4	-	-	-	1	-	1

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Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

JANUARY 26, 1952

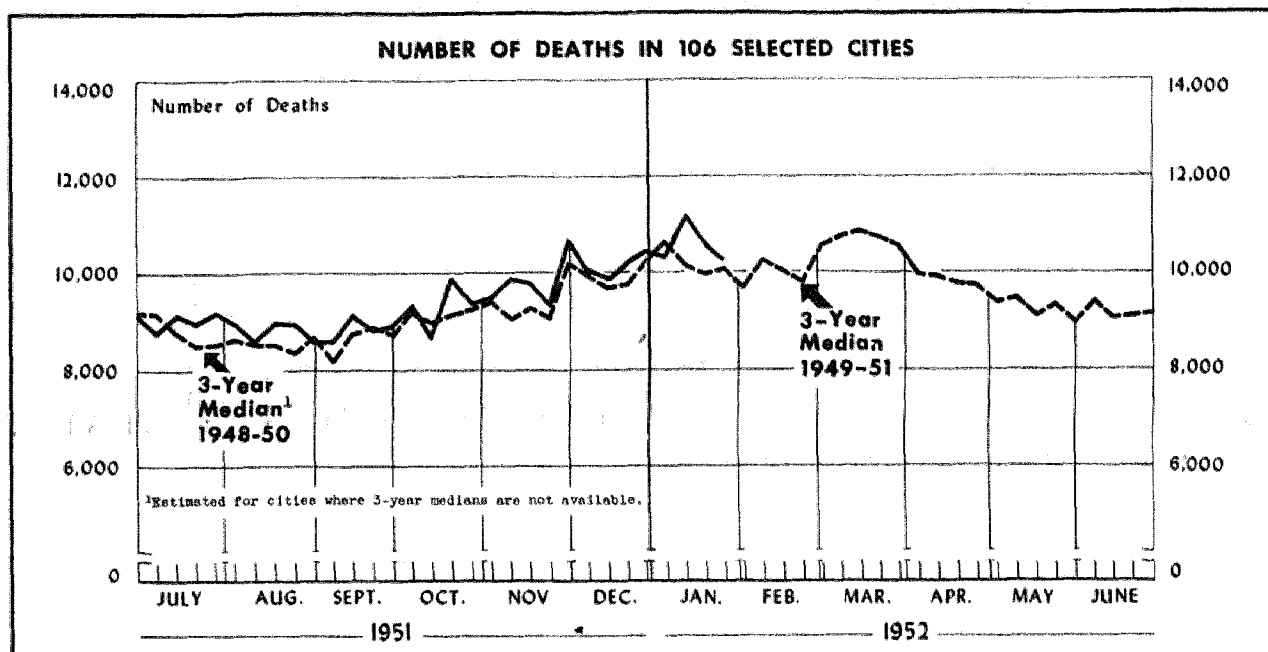
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, M998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliovirus, 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
TOTAL: 94 cities--	1	18	8	39	5,596	35	27	-	623	1	1	6	1	307	9
NEW ENGLAND															
Boston-----	-	1	-	-	232	1	-	-	20	-	-	-	-	31	-
Bridgeport-----	-	-	-	-	36	-	-	-	2	-	-	-	-	1	-
Cambridge-----	-	-	-	-	220	-	-	-	2	-	-	-	-	1	-
Fall River-----	-	-	-	-	51	-	-	-	-	-	-	-	-	1	-
Hartford-----	-	-	-	-	62	-	-	-	1	-	-	-	-	-	-
Lovell-----	-	-	-	-	34	-	-	-	-	-	-	-	-	-	-
Lynn-----	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-
New Bedford-----	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
New Haven-----	-	-	-	-	12	-	-	-	6	-	-	-	-	-	-
Portland, Me.-----	-	-	-	-	25	-	-	-	-	-	-	-	-	2	-
Providence-----	-	-	-	-	177	-	-	-	9	-	-	-	-	-	-
Somerville-----	-	-	-	-	47	-	-	-	4	-	-	-	-	5	-
Springfield, Mass.-----	-	-	-	-	164	-	-	-	1	-	-	-	-	9	-
Waterbury-----	-	-	-	-	6	-	-	-	2	-	-	-	-	-	-
Worcester-----	-	-	-	2	74	-	-	-	4	-	-	-	-	-	-
MIDDLE ATLANTIC															
Albany-----	-	1	-	-	75	-	-	-	2	-	-	-	-	-	-
Buffalo-----	-	-	-	1	6	-	-	-	8	-	-	-	-	-	-
Camden-----	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-
Erie-----	-	-	-	-	69	-	-	-	6	-	-	-	-	-	-
Jersey City-----	-	-	-	-	11	-	-	-	2	-	-	-	-	4	-
Newark, N. J.-----	-	-	-	-	373	-	-	-	-	-	-	-	-	6	-
New York City-----	-	6	4	3	820	3	1	-	79	-	-	2	1	55	-
Paterson-----	-	-	-	-	6	-	-	-	2	-	-	-	-	-	-
Philadelphia-----	1	-	-	6	695	2	-	-	14	-	-	-	-	19	-
Pittsburgh-----	-	-	-	-	4	1	-	-	-	-	-	-	-	1	-
Reading-----	-	-	-	-	13	-	-	-	-	-	-	-	-	4	-
Rochester, N. Y.-----	-	-	-	-	157	-	-	-	12	-	-	-	-	-	-
Schenectady-----	-	-	-	-	151	-	-	-	1	-	-	-	-	-	-
Syracuse-----	-	-	-	1	118	-	-	-	3	-	-	-	-	1	-
Trenton-----	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
Utica-----	-	-	-	-	343	-	-	-	33	-	-	-	-	1	-
Yonkers-----	-	-	-	-	21	-	-	-	2	-	-	-	-	-	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	5	-	-	-	13	-	-	-	-	7	-
Canton-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Chicago-----	-	-	-	-	227	3	-	-	46	-	-	1	-	11	-
Cincinnati-----	-	-	-	4	116	4	-	-	10	-	-	-	-	9	-
Cleveland-----	-	-	-	1	83	-	-	-	21	1	-	-	-	6	-
Columbus-----	-	-	-	-	2	-	-	-	11	-	-	-	-	7	-
Dayton-----	-	-	-	-	2	-	-	-	10	-	-	-	-	-	-
Detroit-----	-	-	1	1	187	3	-	-	40	-	-	-	-	27	-
Evansville-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flint-----	-	-	-	-	1	-	-	-	11	-	-	-	-	1	-
Fort Wayne-----	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-
Grand Rapids-----	-	-	-	-	29	-	-	-	6	-	-	-	-	2	-
Indianapolis-----	-	-	-	-	36	1	1	-	13	-	-	-	-	6	-
Milwaukee-----	-	-	1	-	36	-	-	-	13	-	-	-	-	5	-
Peoria-----	-	-	-	-	1	-	-	-	3	-	-	-	-	1	-
South Bend-----	-	-	-	-	4	-	-	-	2	-	-	-	-	-	-
Toledo-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Youngstown-----	-	-	-	-	16	-	-	-	-	-	-	-	-	3	-
WEST NORTH CENTRAL															
Des Moines-----	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Duluth-----	-	-	-	-	2	-	-	-	1	-	-	-	-	1	-
Kansas City, Kans.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo.-----	-	-	-	3	7	-	1	-	6	-	-	1	-	1	-
Minneapolis-----	-	-	-	-	7	-	-	-	5	-	-	-	-	1	-
Omaha-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	1	-	2	-	-	-	6	-	-	-	-	1	1
St. Paul-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wichita-----	-	-	-	-	6	-	1	-	6	-	-	-	-	-	-

JANUARY 26, 1952—Continued

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998, S pt.)	Measles (095)	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-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Baltimore-----	--	1	--	4	348	--	--	--	10	--	--	--	--	6	--
Charleston, S. C.-----	--	1	--	--	2	1	--	--	--	--	--	--	--	--	--
Charleston, W. Va.-----	--	--	--	--	2	--	--	--	--	--	--	--	--	1	--
Charlotte-----	--	--	--	1	--	--	--	--	4	--	--	--	--	--	--
Miami-----	--	--	--	--	9	--	--	--	--	--	--	--	--	--	--
Norfolk-----	--	--	--	--	3	--	--	--	2	--	--	--	--	1	--
Richmond-----	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--
Savannah-----	--	--	--	--	6	--	1	--	--	--	--	--	--	--	--
Tampa-----	--	--	--	--	--	--	--	--	4	--	--	--	--	11	--
Washington, D. C.-----	--	--	--	--	100	1	--	--	22	--	--	--	--	1	--
Wilmington, Del.-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EAST SOUTH CENTRAL															
Birmingham-----	--	--	--	--	7	--	2	--	--	--	--	--	--	--	--
Chattanooga-----	--	--	--	1	1	2	--	--	--	--	--	--	--	2	--
Knoxville-----	--	--	--	3	164	--	--	--	1	--	--	--	--	1	--
Louisville-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Memphis-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobile-----	--	1	--	--	9	--	--	--	--	--	--	--	--	--	--
Montgomery-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nashville-----	--	--	--	--	3	1	--	--	4	--	1	--	--	--	--
WEST SOUTH CENTRAL															
Dallas-----	--	1	--	--	4	--	--	--	3	--	--	--	--	10	--
El Paso-----	--	--	--	--	--	1	--	--	16	--	--	--	--	1	--
Fort Worth-----	--	2	--	--	3	--	1	--	5	--	--	--	--	4	--
Galveston-----	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--
Houston-----	--	--	1	--	--	--	3	--	1	--	--	--	--	--	--
Little Rock-----	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--
New Orleans-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oklahoma City-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
San Antonio-----	--	1	--	--	--	--	1	--	--	--	--	--	--	5	--
Shreveport-----	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
Tulsa-----	--	--	--	--	1	1	2	--	5	--	--	--	--	1	--
MOUNTAIN															
Albuquerque-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Boise City-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Colorado Springs-----	--	--	--	--	--	--	--	--	2	--	--	--	--	--	--
Denver-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ogden-----	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
Phoenix-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pueblo-----	--	--	--	--	3	--	1	--	3	--	--	--	--	--	--
Salt Lake City-----	--	--	--	3	4	--	--	--	6	--	--				

Provisional Statistics for Deaths in Selected Cities for Week Ended
January 26, 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	4th week ended Jan. 26, 1952	3d week ended Jan. 19, 1952	4th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 4 WEEKS		
					1952	1951	Percentage difference
TOTAL: 105 REPORTING CITIES-----	10,234	10,536	10,027	+2.1	42,146	41,066	+2.6
New England----- (14 cities)	707	721	640	+10.5	2,800	2,815	-0.5
Middle Atlantic----- (17 cities)	3,163	3,072	3,133	+1.0	12,768	12,640	+1.0
East North Central----- (18 cities)	2,210	2,334	2,189	+1.0	8,850	8,928	-0.9
West North Central----- (9 cities)	756	815	740	+2.2	3,233	2,947	+9.7
South Atlantic----- (9 cities)	766	788	724	+5.8	3,136	2,977	+5.3
East South Central----- (7 cities)	451	411	427	+5.6	1,789	1,857	-3.1
West South Central----- (12 cities)	654	724	703	-7.0	2,899	2,803	+3.4
Mountain----- (7 cities)	231	233	207	+11.6	946	851	+11.2
Pacific----- (12 cities)	1,296	1,438	1,268	+2.2	5,715	5,248	+8.9

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

JANUARY 26, 1952

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

CITY	4th week ended Jan. 26, 1952	3rd week ended Jan. 19, 1952	CUMULATIVE NUMBER FOR FIRST 4 WEEKS		CITY	4th week ended Jan. 26, 1952	3rd week ended Jan. 19, 1952	CUMULATIVE NUMBER FOR FIRST 4 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL--Con.				
Boston-----	223	228	918	950	St. Paul-----	61	69	279	262
Bridgeport-----	44	34	149	142	Wichita-----	38	55	187	153
Cambridge-----	35	30	128	117	SOUTH ATLANTIC				
Fall River-----	34	31	120	123	Atlanta-----	99	115	409	352
Hartford-----	42	57	185	188	Baltimore-----	238	231	959	942
Lowell-----	23	22	101	128	Charlotte-----	29	29	124	124
Lynn-----	32	23	99	90	Miami-----	50	65	241	259
New Bedford-----	22	27	103	109	Norfolk-----	26	45	133	123
New Haven-----	43	39	176	189	Richmond-----	65	64	271	259
Providence-----	73	74	285	271	Tampa-----	55	68	260	178
Somerville-----	22	11	63	75	Washington, D. C.-----	167	140	590	624
Springfield, Mass.-----	46	46	164	135	Wilmington, Del.-----	37	31	149	116
Waterbury-----	18	37	115	102	EAST SOUTH CENTRAL				
Worcester-----	50	62	214	196	Birmingham-----	69	73	303	323
MIDDLE ATLANTIC					Chattanooga-----	45	41	205	182
Albany-----	51	37	141	184	Knoxville-----	29	21	108	177
Buffalo-----	156	145	609	579	Louisville-----	127	76	436	402
Camden-----	40	36	162	154	Memphis-----	106	125	437	389
Elizabeth-----	38	35	108	134	Mobile-----	37	32	122	132
Erie-----	27	29	131	130	Montgomery-----	(23)	(38)	(127)	(119)
Jersey City-----	91	88	339	296	Nashville-----	38	43	188	252
Newark, N. J.-----	98	115	525	468	WEST SOUTH CENTRAL				
New York City-----	1,650	1,574	6,717	6,598	Austin-----	24	21	94	114
Paterson-----	35	33	156	173	Baton Rouge-----	18	8	56	52
Philadelphia-----	509	514	2,003	2,124	Corpus Christi-----	17	17	67	58
Pittsburgh-----	181	195	741	669	Dallas-----	81	80	356	348
Rochester, N. Y.-----	107	93	392	383	El Paso-----	27	29	119	122
Schenectady-----	19	25	104	92	Fort Worth-----	---	(52)	---	(222)
Syracuse-----	59	53	214	202	Houston-----	125	133	518	474
Trenton-----	46	56	203	202	Little Rock-----	34	55	190	170
Utica-----	28	24	110	126	New Orleans-----	157	164	652	637
Yonkers-----	28	20	115	126	Oklahoma City-----	41	70	241	201
EAST NORTH CENTRAL					San Antonio-----	68	75	292	325
Akron-----	53	55	253	207	Shreveport-----	18	57	153	135
Canton-----	26	23	130	121	Tulsa-----	44	15	161	167
Chicago-----	767	823	2,728	3,012	MOUNTAIN				
Cincinnati-----	141	155	622	623	Albuquerque-----	28	26	108	104
Cleveland-----	197	216	835	825	Colorado Springs-----	13	10	53	45
Columbus-----	106	100	414	414	Denver-----	104	103	430	410
Dayton-----	45	67	250	246	Ogden-----	12	14	47	27
Detroit-----	302	333	1,222	1,250	Phoenix-----	15	23	82	80
Evansville-----	30	30	129	119	Pueblo-----	18	13	62	24
Flint-----	27	38	140	113	Salt Lake City-----	41	44	174	161
Fort Wayne-----	27	22	109	145	Tucson-----	(5)	(10)	(25)	(25)
Grand Rapids-----	37	44	153	178	PACIFIC				
Indianapolis-----	114	86	463	441	Berkeley-----	27	16	94	69
Milwaukee-----	117	131	508	471	Long Beach-----	42	48	199	199
Peoria-----	39	21	151	118	Los Angeles-----	491	511	2,104	1,950
South Bend-----	21	26	105	97	Oakland-----	88	119	465	386
Toledo-----	103	101	409	398	Pasadena-----	37	29	144	124
Youngstown-----	58	63	221	150	Portland, Oreg.-----	100	148	495	426
WEST NORTH CENTRAL					Sacramento-----	50	43	200	183
Des Moines-----	48	60	214	192	San Diego-----	91	85	349	288
Duluth-----	21	20	89	108	San Francisco-----	176	229	853	849
Kansas City, Kans.-----	38	39	145	143	Seattle-----	127	127	501	469
Kansas City, Mo.-----	122	120	514	452	Spokane-----	41	42	160	172
Minneapolis-----	122	126	498	443	Tacoma-----	26	41	151	133
Omaha-----	60	59	271	216	Honolulu-----	(26)	(35)	(125)	(135)
St. Louis-----	246	267	1,036	978					

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