

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

December 28, 1953

Washington 25, D. C.

Vol. 2, No. 50

Provisional Information on Selected Notifiable Diseases in the United States for Week Ended December 19, 1953

The incidence of whooping cough for the latter half of 1953 already exceeds that for the first 6 months of the year. Since the first of July, 18,703 cases have been reported as compared with 16,991 for the first 26 weeks. In previous years, the incidence has usually been higher during the spring months than for the other seasons of the year. However, the peak incidence for the disease has not been as pronounced as that for most of the other childhood diseases. It now seems that the seasonal pattern has almost disappeared. Since about October 1, which is considered approximately the seasonal low period, the weekly number of reported cases has fluctuated, with an average of 788 for the 11 weeks. For the given seasonal low week a total of 849 cases was reported, and for the current week the total is 854. The highest weekly incidence for the year occurred for the week ended November 21 when 904 cases were reported.

For the year to date, a total of 35,694 cases of whooping cough has been reported in the United States as compared with 43,357 for 1952. Almost half (16,595) of the cases reported for the current year have been in the Middle Atlantic and the East South Central States. The incidence in these divisions has remained high for many months, and the numbers reported weekly exceed those for the spring months.

In Texas, where 4,689 cases of whooping cough have been reported this year, a large proportion of the cases occurred during the spring months. In addition, the incidence was high in July. During the first 26 weeks of the year, 3,137 cases were reported in the State. The total, since July 1, is about half that number or 1,552 cases. For the current week, 55 cases were reported as compared with 209 for the last week of April.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

The Bureau of Animal Industry, Department of Agriculture, reports 9 outbreaks of anthrax in animals in 6 States for November. As a result of these outbreaks, 14 cattle and 2 hogs were lost. In 6 outbreaks, infected soil was the suspected source of infection, but in the other 3 it was unknown. According to reports, no anthrax outbreaks occurred during the month in 38 States, the District of Columbia, and Puerto Rico. A supplemental report for October shows that California reported the loss of 1 cow, probably from infected soil.

Epidemic hemorrhagic fever

Dr. J. R. Amos, Director, Missouri Department of Public Health and Welfare, reports the occurrence of epidemic hemorrhagic fever in a 24-year-old male. The patient left a highly endemic area of the disease in Korea on November 14, arrived by air in the United States 4 days later, and was almost immediately discharged from military service. Symptoms consisting of anorexia, fever, and headache appeared on November 30, and 2 days later hemorrhagic lesions were found on the trunk and the conjunctivae. There is no evidence of person to person transmission of infection of epidemic hemorrhagic fever, and the arthropod suspected of transmitting infection is not known to be present in the United States.

Influenza surveillance

The California Department of Public Health has initiated a series of weekly bulletins on Current Influenza Surveillance in California. Twelve communities will serve as "listening post" areas in which a special effort will be made to detect and identify outbreaks of influenza-like diseases. In the areas, certain routine information will be obtained from schools, industries, etc., which can serve as an index of acute respiratory disease occurring in the various communities.

In the first bulletin dated December 15, reports were received from all but 3 listening posts. In several counties, school absenteeism was reported to vary from 7 to about 10 percent which is not considered to be an unusual amount. In other groups, absenteeism ranged from 2.2 to 3.6 percent. In one area, a 7 percent absenteeism was reported in schools; and 7.8 percent, in city employees. It was believed that there was some increase in respiratory disease in this area. Three other areas reported no unusual incidence.

Since October 1, the diagnosis of only 1 civilian case of influenza has been confirmed by laboratory examination, which was an influenza B type of infection with onset on November 9. A total of 149 tests has been performed since October 1 in the State Health Department laboratory.

The State of Washington, in its November review of disease prevalence, reports some increase in upper respiratory infection, principally in 3 counties. No laboratory examinations were reported.

The Division of Preventive Medicine, Office of the Surgeon General of the Army, has reported that 631 paired specimens were examined serologically for influenza during November. Of these only 2 were positive, both to type A, in 2 persons from different localities in eastern United States. It was also reported that overseas Army laboratories had examined 100 specimens of which 1 was positive for type A influenza.

There have been no reports to date of the isolation of influenza virus which would indicate that only an occasional sporadic case has occurred in recent months.

Swine influenza

The Ohio Division of Animal Industry and the Department of Health have reported the occurrence of swine influenza in that State. Since June, when the disease was reported from 10 premises, there has been a steady increase in incidence—to 145 premises in October. In November, there was a decrease to 68 premises on which the disease was reported to have occurred.

Trichiniasis

An outbreak of trichiniasis in the southeastern part of Pennsylvania has been reported by Dr. E. J. Witte of the State Department of Health. Of 10 cases reported, 6 were in a town of 5,000 population, and the remaining lived in the surrounding area. Two of the patients admitted tasting raw sausage meat while seasoning it. No single source of infection could be found for all cases, but the investigation is still in progress. It was stated that no cases have occurred since it was advised that pork products should be cooked before they were eaten.

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Infectious hepatitis

Dr. J. D. Purvis, Pennsylvania Department of Health, has reported the occurrence of several outbreaks of infectious hepatitis. In one small community, the disease is considered to have been spread through contacts in school buses. It is estimated that 40 cases have occurred in this instance. In another area of the State, an outbreak began about the middle of October and cases are still occurring. Cases have been concentrated in one town, but scattered cases in the county and surrounding

counties have also been reported. A total of 125 cases has been reported up to the present time. In a third community, 100 cases and 100 suspect cases were noted from April through November. With the opening of school, cases began to increase but gamma globulin inoculations brought the outbreak under control. The fourth outbreak, consisting of 156 cases throughout 1953, occurred in another area. Gamma globulin has been used in all the above cases as a means of prevention.

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 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	Dec. 19, 1953	Dec. 20, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	-	3	-	(1)	(1)	(1)	(1)	32	42	48
Botulism-----049.1	-	-	---	(1)	(1)	(1)	(1)	12	20	---
Bruceellosis (undulant fever)-----044	42	47	---	(1)	(1)	(1)	(1)	1,753	2,062	---
Diphtheria-----055	48	87	128	July 1	¹ 1,276	1,588	2,819	² 2,308	2,969	5,828
Encephalitis, acute infectious---082	9	17	17	(1)	(1)	(1)	(1)	³ 1,080	1,883	980
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,108	454	---	(1)	(1)	(1)	(1)	32,084	16,223	---
Malaria-----110-117	10	14	---	(1)	(1)	(1)	(1)	1,421	7,577	---
Measles-----085	4,120	3,660	3,660	Sept. 1	28,300	24,821	24,821	438,978	666,049	590,719
Meningococcal infections-----057	74	95	78	Sept. 1	1,155	1,135	940	4,920	4,644	3,621
Polioyelitis, acute-----080	273	470	264	Apr. 1	⁴ 34,052	55,600	31,647	⁴ 35,566	56,793	32,840
Rabies in man-----094	-	-	---	(1)	(1)	(1)	(1)	13	18	---
Rocky Mountain spotted fever---104A	-	1	2	(1)	(1)	(1)	(1)	295	312	454
Scarlet fever and streptococcal sore throat-----050,051	2,582	3,100	1,314	Aug. 1	29,377	30,643	14,628	128,984	106,508	71,808
Smallpox-----084	-	-	-	(1)	(1)	(1)	(1)	16	16	34
Trichiniasis-----128	13	1	---	(1)	(1)	(1)	(1)	366	343	---
Tularemia-----059	13	21	21	(1)	(1)	(1)	(1)	528	615	854
Typhoid fever-----040	41	23	37	Apr. 1	⁵ 1,963	1,973	2,070	⁵ 2,246	2,354	2,506
Typhus fever, endemic-----101	1	3	---	Apr. 1	187	149	---	225	176	---
Whooping cough-----056	854	676	963	Oct. 1	⁶ 8,475	⁶ 6,936	⁶ 12,546	35,694	43,357	65,599
Rabies in animals-----	169	119	---	(1)	(1)	(1)	(1)	⁷ 7,184	7,382	---

¹Not available.²Deduction: Alabama, week ended December 5, 1 case.³Addition: Montana, week ended December 12, 1 case.⁴Deduction: Maryland, week ended July 18, 13 cases.⁵Deduction: Georgia, week ended October 31, 1 case.⁶Corrected figures.⁷Addition: Ohio, week ended December 12, 1 case.

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 which rarely occur (cholera, dengue, plague, 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 DECEMBER 19, 1953**

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

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)	
	50th week		50th week		50th week		50th week		50th week		50th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	48	87	1,108	454	4,120	3,660	74	95	273	470	2,582	3,100
NEW ENGLAND-----	-	-	49	70	135	34	4	4	25	6	169	148
Maine-----	-	-	15	55	65	3	1	-	2	2	31	14
New Hampshire-----	-	-	1	-	1	2	-	-	1	1	5	-
Vermont-----	-	-	2	-	53	1	-	-	1	-	3	1
Massachusetts-----	-	-	30	15	12	19	2	3	17	1	74	69
Rhode Island-----	-	-	-	-	1	-	-	1	1	2	7	15
Connecticut-----	-	-	1	-	3	9	1	-	3	-	49	49
MIDDLE ATLANTIC-----	2	3	186	49	616	330	5	7	32	27	274	419
New York-----	-	-	152	38	357	108	-	4	25	8	149	266
New Jersey-----	1	2	6	-	19	40	1	2	2	3	38	44
Pennsylvania-----	1	1	28	11	240	182	4	1	5	16	87	109
EAST NORTH CENTRAL-----	2	47	154	24	973	1,166	17	21	42	149	449	677
Ohio-----	-	46	21	12	92	279	3	9	7	48	104	195
Indiana-----	1	-	36	7	352	9	6	-	-	8	44	76
Illinois-----	-	-	57	3	166	82	2	5	11	27	89	154
Michigan-----	-	1	24	2	292	129	4	5	20	56	117	164
Wisconsin-----	1	-	16	-	71	667	2	2	4	10	95	88
WEST NORTH CENTRAL-----	4	1	317	92	135	746	7	12	21	98	146	159
Minnesota-----	1	-	236	17	4	268	1	3	6	14	47	49
Iowa-----	-	-	54	2	63	115	1	-	5	5	38	11
Missouri-----	-	-	6	17	3	102	1	7	3	12	17	22
North Dakota-----	1	-	8	14	60	25	-	1	3	13	8	38
South Dakota-----	-	-	9	-	-	18	1	-	-	27	7	3
Nebraska-----	2	-	4	20	1	11	2	1	1	23	16	9
Kansas-----	-	1	-	22	4	207	1	-	3	4	13	27
SOUTH ATLANTIC-----	24	18	117	93	343	146	11	14	32	14	270	316
Delaware-----	-	-	1	-	1	-	-	-	-	-	2	4
Maryland-----	-	2	4	9	66	2	-	-	4	1	17	31
District of Columbia-----	-	-	-	-	1	1	1	-	-	-	12	11
Virginia-----	1	6	79	31	36	80	3	1	2	1	100	139
West Virginia-----	1	1	14	26	66	26	1	1	3	3	74	23
North Carolina-----	3	3	10	13	43	7	2	5	4	6	42	49
South Carolina-----	6	2	-	-	17	25	-	-	-	1	10	4
Georgia-----	11	3	4	10	57	3	4	2	3	-	6	34
Florida-----	2	1	5	4	56	2	-	5	16	2	7	21
EAST SOUTH CENTRAL-----	7	8	66	59	270	198	3	15	5	18	115	119
Kentucky-----	2	-	23	22	211	4	2	7	1	9	25	52
Tennessee-----	1	-	20	14	17	83	1	3	1	5	55	38
Alabama-----	3	7	6	14	21	79	-	5	3	4	19	21
Mississippi-----	1	1	17	9	21	32	-	-	-	-	16	8
WEST SOUTH CENTRAL-----	5	6	74	8	563	236	20	7	31	18	815	404
Arkansas-----	-	1	20	4	63	155	-	1	-	2	23	42
Louisiana-----	1	1	-	-	36	-	1	2	1	5	8	3
Oklahoma-----	1	-	8	-	10	1	3	-	9	4	12	5
Texas-----	3	4	46	4	454	80	16	4	21	7	772	354
MOUNTAIN-----	2	3	32	27	385	250	-	4	13	33	94	502
Montana-----	-	1	1	4	72	39	-	-	4	-	5	29
Idaho-----	1	-	9	3	58	38	-	-	3	3	7	49
Wyoming-----	-	-	6	1	22	-	-	1	2	2	8	108
Colorado-----	-	2	7	15	41	43	-	2	-	3	17	44
New Mexico-----	1	-	5	-	45	14	-	1	1	6	17	25
Arizona-----	-	-	2	4	11	75	-	-	1	4	11	198
Utah-----	-	-	2	-	136	40	-	-	-	10	27	46
Nevada-----	-	-	-	-	-	1	-	-	2	5	2	3
PACIFIC-----	2	1	113	32	700	554	7	11	72	107	250	356
Washington-----	-	-	27	5	326	100	1	-	9	9	59	146
Oregon-----	-	-	28	3	53	126	-	1	6	6	14	18
California-----	2	1	58	24	321	328	6	10	57	92	177	192
Alaska-----	(-)	(-)	(-)	(-)	(2)	(-)	(-)	(-)	(-)	(1)	(5)	(-)
Hawaii-----	(-)	(-)	(2)	(-)	(2)	(2)	(-)	(-)	(3)	(2)	(1)	(3)
Puerto Rico-----	(4)	(-)	(-)	(-)	(10)	(11)	(-)	(-)	(-)	(4)	(-)	(-)

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED DECEMBER 19, 1953—Continued

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

AREA	TYPHOID FEVER (040)		WHOOPING COUGH (056)		Brucellosis (un- dulant fever) (044)	Encephalitis, acute infec- tious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	50th week		50th week									
	1953	1952	1953	1952								
UNITED STATES-----	41	23	854	676	42	9	10	-	13	13	1	169
NEW ENGLAND-----	-	-	119	50	1	1	-	-	-	-	-	-
Maine-----	-	-	-	4	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	1	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	30	2	1	-	-	-	-	-	-	-
Massachusetts-----	-	-	39	31	-	1	-	-	-	-	-	-
Rhode Island-----	-	-	36	2	-	-	-	-	-	-	-	-
Connecticut-----	-	-	13	11	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	9	3	215	145	1	1	1	-	11	-	-	-
New York-----	1	2	127	85	1	1	1	-	4	-	-	-
New Jersey-----	1	-	26	19	-	-	-	-	-	-	-	-
Pennsylvania-----	7	1	62	41	-	-	-	-	7	-	-	-
EAST NORTH CENTRAL-----	2	4	296	132	8	3	-	-	-	-	-	56
Ohio-----	-	-	19	25	-	-	-	-	-	-	-	2
Indiana-----	1	-	61	12	-	-	-	-	-	-	-	138
Illinois-----	1	1	6	2	4	1	-	-	-	-	-	12
Michigan-----	-	3	135	75	4	2	-	-	-	-	-	4
Wisconsin-----	-	-	75	18	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	4	2	10	11	18	-	1	-	-	1	-	17
Minnesota-----	-	2	3	4	3	-	1	-	-	-	-	2
Iowa-----	1	-	1	3	6	-	-	-	-	-	-	4
Missouri-----	3	-	4	-	-	-	-	-	-	-	-	9
North Dakota-----	-	-	-	-	-	-	-	-	-	1	-	1
South Dakota-----	-	-	-	1	6	-	-	-	-	-	-	-
Nebraska-----	-	-	1	-	-	-	-	-	-	-	-	1
Kansas-----	-	-	1	3	3	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	6	3	31	57	2	-	3	-	-	8	1	36
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	1	-	16	11	-	-	-	-	-	2	-	1
District of Columbia-----	-	1	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	3	11	1	-	1	-	-	5	-	8
West Virginia-----	1	1	6	23	-	-	-	-	-	-	-	10
North Carolina-----	1	1	3	6	-	-	2	-	-	1	-	5
South Carolina-----	-	-	-	2	-	-	-	-	-	-	1	5
Georgia-----	-	-	-	-	1	-	-	-	-	-	-	4
Florida-----	3	-	3	4	-	-	-	-	-	-	-	3
EAST SOUTH CENTRAL-----	2	1	33	76	2	-	1	-	-	1	-	24
Kentucky-----	-	-	17	61	1	-	-	-	-	1	-	6
Tennessee-----	-	-	8	9	-	-	-	-	-	-	-	9
Alabama-----	2	-	6	2	-	-	-	-	-	-	-	6
Mississippi-----	-	1	2	4	1	-	1	-	*	-	-	3
WEST SOUTH CENTRAL-----	10	4	63	44	6	4	1	-	-	1	-	32
Arkansas-----	7	-	1	6	1	-	-	-	-	-	-	2
Louisiana-----	1	2	-	-	-	1	-	-	-	1	-	-
Oklahoma-----	-	-	7	3	-	-	-	-	-	-	-	-
Texas-----	2	2	55	35	5	3	1	-	-	-	-	30
MOUNTAIN-----	1	3	14	23	2	-	-	-	-	2	-	-
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	1	2	1	-	-	-	-	1	-	-
Wyoming-----	-	-	1	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	2	-	-	-	-	-	-	-	-	-
New Mexico-----	1	2	5	3	-	-	-	-	-	-	-	-
Arizona-----	-	1	4	18	-	-	-	-	-	1	-	-
Utah-----	-	-	1	-	1	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	7	3	73	138	2	-	3	-	2	-	-	4
Washington-----	-	-	22	3	-	-	-	-	-	-	-	-
Oregon-----	1	1	18	5	-	-	-	-	-	-	-	-
California-----	6	2	33	130	2	-	3	-	-	-	-	4
Alaska-----	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(1)	(13)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(-)	(-)	(4)	(62)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(1)

¹Includes 32 delayed cases.

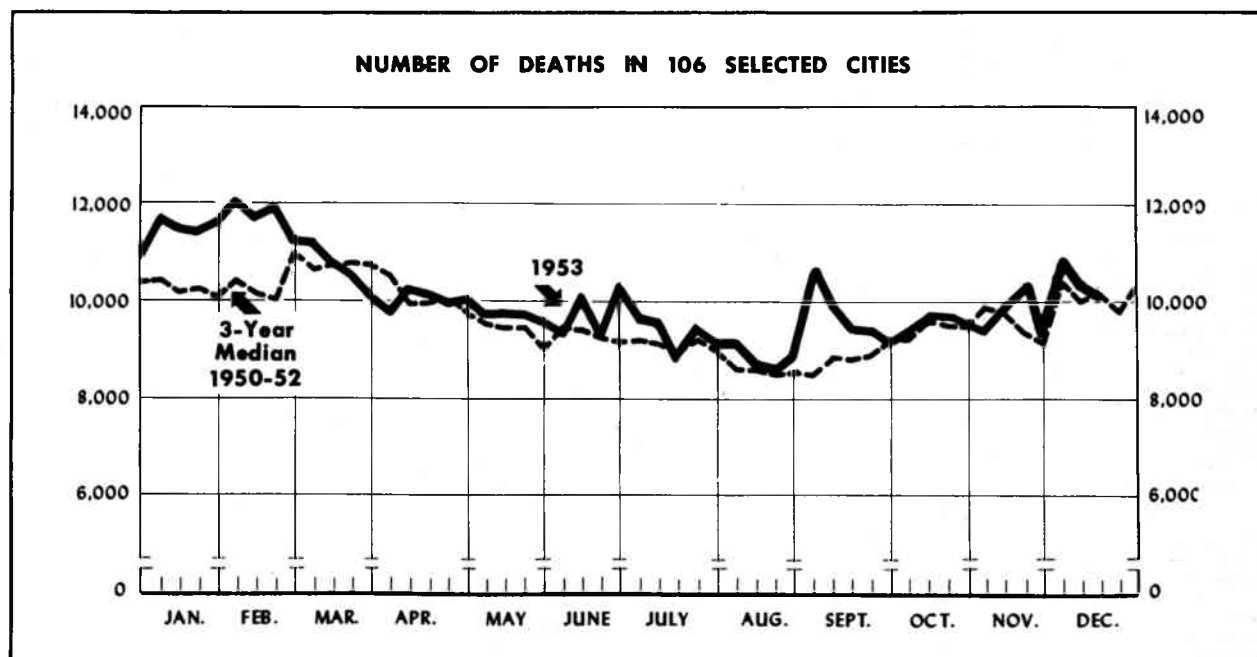
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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
DECEMBER 19, 1953

(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)	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
NEW ENGLAND															
Boston-----	-	-	-	3	1	-	-	-	20	-	-	-	-	7	-
Bridgeport-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cambridge-----	-	-	-	3	-	-	-	-	7	-	-	-	-	1	-
Fall River-----	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-
Hartford-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lowell-----	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Lynn-----	-	-	-	-	-	-	2	-	3	-	-	-	-	-	-
New Bedford-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
New Haven-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portland, Me.-----	-	-	-	-	15	1	-	-	2	-	-	-	-	-	-
Providence-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Somerville-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Springfield, Mass.-----	-	-	-	1	-	1	-	-	2	-	-	-	-	2	-
Waterbury-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Worcester-----	-	-	-	3	-	-	1	-	3	-	-	-	-	9	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camden-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eric-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jersey City-----	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Newark, N. J.-----	-	-	-	1	2	1	-	-	6	-	-	1	-	2	-
New York City-----	-	-	1	13	239	-	4	-	33	4	-	-	-	34	-
Paterson-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Philadelphia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pittsburgh-----	-	-	-	-	44	1	-	-	5	-	-	-	-	1	-
Reading-----	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-
Rochester, N. Y.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Schenectady-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syracuse-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trenton-----	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-
Utica-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yonkers-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	7	1	-	-	6	-	-	-	-	4	-
Canton-----	-	-	-	1	2	-	-	-	-	-	-	-	-	4	-
Chicago-----	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Cincinnati-----	-	-	-	-	22	1	-	-	4	-	-	-	-	5	-
Cleveland-----	-	-	-	1	24	1	-	-	21	-	-	-	-	25	-
Columbus-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dayton-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detroit-----	-	-	1	-	52	1	3	-	18	-	-	-	-	31	3
Evansville-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Flint-----	-	-	-	-	2	-	-	-	2	-	-	-	-	1	-
Fort Wayne-----	-	-	-	2	5	-	-	-	1	-	-	-	-	5	-
Grand Rapids-----	-	-	-	2	-	-	1	-	10	-	-	-	-	-	-
Indianapolis-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Milwaukee-----	-	-	-	-	10	-	1	-	27	-	-	-	-	12	-
Peoria-----	-	-	-	-	-	-	5	-	-	-	-	-	-	1	-
South Bend-----	-	-	-	-	34	-	-	-	2	-	-	-	-	2	-
Toledo-----	-	-	-	-	-	1	4	-	12	-	-	-	-	1	-
Youngstown-----	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-
WEST NORTH CENTRAL															
Des Moines-----	-	-	-	-	3	-	-	-	4	-	-	-	-	2	-
Duluth-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Kansas City, Kans.-----	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-
Kansas City, Mo.-----	-	-	-	-	2	2	-	-	6	-	-	-	-	2	-
Minneapolis-----	-	-	-	4	1	-	1	-	26	-	-	-	-	1	-
Omaha-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	-	3	1	-	2	-	8	-	-	-	-	-	-
St. Paul-----	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Wichita-----	-	-	-	-	4	-	-	-	2	-	-	-	-	-	-

Provisional Statistics for Deaths in Selected Cities for
Week Ended December 19, 1953



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	50th week ended Dec. 19, 1953	49th week ended Dec. 12, 1953	50th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		
					1953	1952	Percentage difference
TOTAL: 100 REPORTING CITIES-----	9,052	9,283	9,134	-0.9	453,558	443,505	+2.3
New England----- (12 cities)	656	634	648	-1.9	30,465	30,056	+1.4
Middle Atlantic----- (17 cities)	2,924	3,033	2,957	-1.1	149,493	146,674	+1.9
East North Central----- (16 cities)	1,292	1,440	1,376	-6.1	69,021	67,128	+2.8
West North Central----- (8 cities)	667	736	710	-6.1	36,320	34,781	+4.4
South Atlantic----- (8 cities)	673	746	704	-4.4	35,498	35,795	-0.8
East South Central----- (7 cities)	441	364	421	+4.8	22,088	21,087	+4.7
West South Central----- (13 cities)	848	801	809	+4.8	38,415	36,872	+4.2
Mountain----- (7 cities)	255	239	224	+13.8	11,739	11,248	+4.4
Pacific----- (12 cities)	1,316	1,290	1,243	+5.9	60,519	59,864	+1.1

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
DECEMBER 19, 1953

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

CITY	50th week ended Dec. 19, 1953	49th week ended Dec. 12, 1953	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		CITY	50th week ended Dec. 19, 1953	49th week ended Dec. 12, 1953	CUMULATIVE NUMBER FOR FIRST 50 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND				WEST NORTH CENTRAL—Con.					
Boston-----	216	225	11,187	11,101	St. Paul-----	61	63	3,163	3,020
Bridgeport-----	---	---	---	(1,682)	Wichita-----	32	43	1,986	1,969
Cambridge-----	31	25	1,371	1,449	SOUTH ATLANTIC				
Fall River-----	29	29	1,408	1,326	Atlanta-----	104	113	5,155	5,060
Hartford-----	56	51	2,275	2,216	Baltimore-----	220	254	11,182	11,492
Lowell-----	24	26	1,259	1,203	Charlotte-----	15	29	1,410	1,402
Lynn-----	---	(20)	---	(1,044)	Miami-----	---	(57)	---	(2,619)
New Bedford-----	17	30	1,148	1,125	Norfolk-----	33	27	1,579	1,563
New Haven-----	43	48	2,179	2,126	Richmond-----	53	57	3,166	3,310
Providence-----	69	54	3,014	3,131	Tampa-----	50	60	2,607	2,631
Somerville-----	23	15	744	776	Washington, D. C.-----	164	181	8,769	8,717
Springfield, Mass.-----	33	38	1,927	1,837	Wilmington, Del.-----	34	25	1,630	1,620
Waterbury-----	19	23	1,269	1,207	EAST SOUTH CENTRAL				
Worcester-----	76	70	2,684	2,559	Birmingham-----	94	56	3,612	3,495
MIDDLE ATLANTIC				WEST SOUTH CENTRAL					
Albany-----	45	35	2,249	2,075	Austin-----	28	14	1,236	1,167
Buffalo-----	133	175	7,100	6,820	Baton Rouge-----	16	23	825	807
Camden-----	27	34	1,789	1,779	Corpus Christi-----	7	12	817	868
Elizabeth-----	25	34	1,383	1,419	Dallas-----	126	99	4,728	4,369
Erie-----	40	37	1,713	1,639	El Paso-----	31	28	1,430	1,500
Jersey City-----	55	82	3,459	3,544	Fort Worth-----	64	53	2,787	2,671
Newark, N. J.-----	94	152	5,197	5,137	Houston-----	126	137	6,101	5,765
New York City-----	1,531	1,580	78,500	77,240	Little Rock-----	60	39	2,136	2,202
Paterson-----	31	39	1,911	1,865	New Orleans-----	168	180	7,820	7,512
Philadelphia-----	480	444	24,024	23,393	Oklahoma City-----	59	59	2,663	2,560
Pittsburgh-----	165	157	8,442	8,635	San Antonio-----	85	57	3,993	3,800
Rochester, N. Y.-----	99	88	4,646	4,507	Shreveport-----	45	46	1,966	1,923
Schenectady-----	21	22	1,159	1,131	Tulsa-----	33	54	1,913	1,928
Syracuse-----	61	48	2,705	2,531	MOUNTAIN				
Trenton-----	42	52	2,332	2,158	Albuquerque-----	22	28	1,334	1,261
Utica-----	37	34	1,560	1,397	Colorado Springs-----	9	7	634	653
Yonkers-----	38	22	1,324	1,404	Denver-----	103	106	5,276	5,036
EAST NORTH CENTRAL				PACIFIC					
Akron-----	50	71	2,801	2,729	Berkeley-----	24	16	860	914
Canton-----	27	23	1,405	1,387	Long Beach-----	40	43	2,274	2,277
Chicago-----	---	(777)	---	(35,665)	Los Angeles-----	484	437	21,705	21,323
Cincinnati-----	126	159	7,407	7,007	Oakland-----	95	102	4,604	4,680
Cleveland-----	179	222	10,214	10,195	Pasadena-----	31	44	1,694	1,586
Columbus-----	---	(103)	---	(4,921)	Portland, Oreg.-----	104	95	4,849	4,711
Dayton-----	66	64	3,072	2,977	Sacramento-----	48	57	2,324	2,286
Detroit-----	324	344	15,739	15,318	San Diego-----	87	69	3,520	3,457
Evansville-----	31	30	1,617	1, 677	San Francisco-----	217	207	9,257	9,362
Flint-----	29	32	1,806	1,705	Seattle-----	125	130	5,739	5,532
Fort Wayne-----	34	29	1,537	1,510	Spokane-----	32	58	2,081	2,059
Grand Rapids-----	49	31	1,922	1,855	Tacoma-----	29	32	1,612	1,677
Indianapolis-----	72	133	5,569	5,451	Honolulu-----	(27)	(32)	(1,578)	(1,569)
Milwaukee-----	123	137	6,058	5,931					
Peoria-----	44	29	1,544	1,496					
South Bend-----	18	17	1,142	1,137					
Toledo-----	78	77	4,555	4,398					
Youngstown-----	42	42	2,633	2,355					
WEST NORTH CENTRAL									
Des Moines-----	41	45	2,439	2,436					
Duluth-----	19	35	1,328	1,266					
Kansas City, Kans.-----	---	---	---	(1,764)					
Kansas City, Mo.-----	104	118	5,975	5,548					
Minneapolis-----	125	138	6,274	5,760					
Omaha-----	57	66	3,173	3,108					
St. Louis-----	228	228	11,982	11,674					

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