

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended October 17, 1953

For the current week a total of 647 cases of infectious hepatitis was reported in the United States as compared with 245 cases for the corresponding week of last year. According to reported cases in 1951 and 1952, the incidence should increase during the remainder of this year. The cumulative total for 1953 is 25,768 or more than double the number 12,534 for the corresponding period of 1952.

The incidence of malaria, both in civilian and military personnel, has shown a remarkable decrease in the 1953 figure from that of 1952. The cumulative number of cases in civilian personnel since the first of the year is 491 as compared with 1,103 for the same period of 1952. For military personnel the decrease is much greater, from 6,074 cases for the first 41 weeks of 1952 to 777 for 1953 to date.

A total of 1,169 cases of poliomyelitis was reported for the current week as compared with 2,417 for the corresponding week of 1952. For the "disease year," the cumulative total was 28,870 as compared with 46,300 for the same period of last year. Since the beginning of 1953, a total of 30,384 cases has been reported as compared with 47,493 for the same period of 1952.

During the 3-month period ended September 30, 1953, an unusually high incidence of measles has been reported in Alaska. A total of 1,147 cases was reported in this period as compared with only 25 for the same period in 1952. Most of the cases for the current year have been in the extreme northern sections of the territory according to Dr. C. Earl Albrecht in his September Epidemiological Report. Telegraphic reports for weeks ended October 10 and 17 indicate a decrease in the incidence of the disease. For these weeks the reported cases were 47 and 40, respectively, as compared with a peak of 240 cases for the last week in August.

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received by the Influenza Information Center, N. I. H., and the National Office of Vital Statistics.

The preventive Medicine Division, SGO, Army, reports that since the latter part of August there has been evidence of a slight increase in sporadic influenza-like illnesses among army personnel in the far east. In Okinawa 2 cases occurred in the middle of September which showed serological evidence of influenza A.

The WHO headquarters in Geneva has received a report that influenza is prevalent all over the State of Western Australia, Australia, and is occurring in epidemic form in at least 2 cities, Perth and Kalgoorlie. Serum specimens examined indicate that the infection is type B or the same strain as that reported in Melbourne about 6 weeks ago. The incidence in Melbourne has waned considerably but following the opening of schools the incidence has increased.

Cadmium food poisoning

Dr. R. F. Korn, New York State Department of Health, reports an outbreak of chemical food poisoning among campers who participated in a picnic away from their base. The entire

group of 83 persons became ill with severe cramps and vomiting about a half hour or less after eating the meal. The clinical picture and incubation period suggested chemical food poisoning. Exploration of items of the food served and the mode of preparation suggested that a marinated lamb dish and an orange drink, both prepared, at different times, in the same container, were the sources of illness. Both of these were acid foods and the container was misused, namely, the nontoxic food pans had been removed, and the shell of the container was used for this purpose. Laboratory examination showed the orange drink to contain 650 parts per million cadmium and the marinated lamb dish to contain 320 parts per million. Scrapings from the inside of the container identified the plating as cadmium. Mice fed small portions of the orange drink died within an hour and a half.

Shigellosis

Dr. S. B. Osgood, Oregon State Board of Health, reports an outbreak of shigellosis in one section of a town in the north-eastern part of the State. A request for bacteriological examination of water being used in this locality was received from a physician who attended 3 patients suffering from possible shigellosis. Subsequent laboratory reports show the water to be free from contamination, and that *Shigella sonnei* were present in stool specimens of the patients. An investigation was conducted and in a total of 8 families interviewed, 25 persons (mostly children) gave a history of severe diarrhea which was most likely shigellosis. It was stated that surface sewage disposal existed in the immediate vicinity and that the disease was probably spread by flies.

Gastro-enteritis

Dr. A. C. Hollister, Jr., California Department of Public Health, reports an outbreak of gastro-enteritis among a group of 13 persons who ate ravioli in a restaurant. Of these, 8 became ill from 3 to 15 hours later. All but 1 was affected within 6 hours. The food was prepared 6 days prior to the reported illness. The ingredients were canned spinach, cottage cheese, eggs, grated cheese, and a paste (flour, eggs, and water). The preparation was refrigerated except for a short time each evening when one tray of the ravioli at a time was placed on a kitchen work table. This food was then boiled for 5 minutes before serving. It was stated that the maximum time on the work table was a half hour. However, since the affected group was served last, it is possible that the ravioli remained at room temperature longer. Laboratory examination of the ravioli without the sauce revealed the presence of staphylococci.

Dr. Hollister reports an outbreak of illness among 63 persons who ate package lunches in a field. Of these, 15 men became ill with acute cramps, diarrhea, and vomiting from 3½ to 7 hours later. There is a possibility that the illness resulted either from the food or from heat exhaustion, since the temperature in the field was high, but lack of evidence prevented a definite diagnosis. A study of food sources, food handling, and transportation and storage did not reveal the possible source of the infection.

Dr. Korn reports 2 outbreaks of gastro-enteritis in 2 hospitals in New York State. In both instances the investigation pointed to crabmeat salad as a possible vehicle of infection but

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Weekly Morbidity Report

this was not definitely established. The attack rate was very low and many people who ate the salad as well as other foods did not become ill. The laboratory at one hospital recovered 2 organisms from a sample of the salad. One was gram negative believed to be *E. coli* and the other was an anaerobe. Stool examinations of patients at this hospital showed similar anaerobes. At the other hospital no crabmeat was available for laboratory examination. *Shigella flexneri* were tentatively isolated by the hospital bacteriologist.

Communicable diseases in other areas

The Consul General, U. S. Embassy, Canada, states that from information received the incidence of poliomyelitis in Newfoundland appears to be on the decline. The outbreak began in April and since that time 197 cases have been reported. The largest weekly number (33) of cases was reported for the week ended September 5. An increase, however, was shown in the Avalon Peninsular, where 8 more cases were registered in September than in August.

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
	Oct. 17, 1953	Oct. 18, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	1 ¹	2	1	(2)	(2)	(2)	(2)	25	28	41
Botulism-----049.1	-	-	---	(2)	(2)	(2)	(2)	8	16	---
Brucellosis (undulant fever)-----044	37	35	---	(2)	(2)	(2)	(2)	1,459	1,742	---
Diphtheria-----055	72	91	171	July 1	645	832	1,465	1,677	2,213	4,474
Encephalitis, acute infectious-----082	15	25	25	(2)	(2)	(2)	(2)	914	1,678	763
Hepatitis, infectious, and serum-----092,N998.5 pt.	647	245	---	(2)	(2)	(2)	(2)	25,768	12,534	---
Malaria-----110-117	29	83	---	(2)	(2)	(2)	(2)	1,268	7,177	---
Measles-----085	1,145	812	812	Sept. 1	5,705	4,618	4,618	416,383	645,846	556,638
Meningococcal infections-----057	64	71	65	Sept. 1	407	405	344	4,172	3,914	3,025
Poliomyelitis, acute-----080	1,169	2,417	1,204	Apr. 1	428,870	46,300	23,744	430,384	47,493	24,937
Rabies in man-----094	-	-	---	(2)	(2)	(2)	(2)	10	13	---
Rocky Mountain spotted fever-----104A	3	1	5	(2)	(2)	(2)	(2)	280	301	441
Scarlet fever and streptococcal sore throat-----050,051	1,129	1,214	790	Aug. 1	10,756	9,700	4,364	110,363	85,565	60,158
Smallpox-----084	-	-	-	(2)	(2)	(2)	(2)	16	14	27
Trichiniasis-----128	2	2	---	(2)	(2)	(2)	(2)	316	297	---
Tularemia-----059	11	9	9	(2)	(2)	(2)	(2)	443	525	745
Typhoid fever-----040	38	56	56	Apr. 1	1,601	1,672	1,672	1,884	2,053	2,106
Typhus fever, endemic-----101	4	4	---	Apr. 1	170	116	---	208	143	---
Whooping cough-----056	644	570	993	Oct. 1	2,302	1,831	2,676	28,672	37,582	54,878
Rabies in animals-----	142	115	---	(2)	(2)	(2)	(2)	5,879	6,295	---

¹Reported in Florida.²Not computed.³Additions: South Carolina, week ended September 19, 2 cases; Montana, week ended September 26, 2 cases.⁴Deduction: Alabama, week ended October 10, 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.

Weekly Morbidity Report

3

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED OCTOBER 17, 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 SCRE THROAT (050,051)	
	41st week		41st week		41st week		41st week		41st week		41st week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	72	91	647	245	1,145	812	64	71	1,169	2,417	1,129	1,214
NEW ENGLAND-----	2	1	25	14	44	31	1	5	83	53	71	56
Maine-----	-	-	7	3	34	30	-	1	14	7	12	6
New Hampshire-----	-	-	1	-	-	-	-	-	-	2	16	1
Vermont-----	-	-	1	-	2	-	-	-	8	2	3	2
Massachusetts-----	2	-	11	10	8	15	1	3	29	23	22	25
Rhode Island-----	-	-	2	-	-	-	-	-	16	8	4	5
Connecticut-----	-	1	3	1	-	6	-	1	16	11	14	17
MIDDLE ATLANTIC-----	1	3	107	40	244	117	17	16	233	225	60	118
New York-----	1	-	65	33	62	24	6	5	128	111	21	63
New Jersey-----	-	1	7	-	32	19	1	4	41	26	12	21
Pennsylvania-----	-	2	35	7	150	74	10	7	64	88	27	34
EAST NORTH CENTRAL-----	6	5	75	9	178	206	18	13	290	704	138	160
Ohio-----	3	2	11	6	23	30	5	1	94	218	-	11
Indiana-----	3	-	23	1	22	4	5	1	17	90	34	27
Illinois-----	-	1	18	-	40	8	3	2	75	119	39	31
Michigan-----	-	2	13	1	39	64	3	5	85	201	41	55
Wisconsin-----	-	-	10	1	54	100	2	4	19	76	24	36
WEST NORTH CENTRAL-----	8	2	56	21	56	62	1	2	135	646	49	41
Minnesota-----	6	-	21	2	2	17	1	1	49	224	21	17
Iowa-----	-	-	25	4	36	5	-	-	14	178	11	4
Missouri-----	1	1	2	3	2	7	-	-	36	66	4	5
North Dakota-----	-	-	2	1	7	9	-	-	8	8	6	3
South Dakota-----	-	-	4	2	-	15	-	-	8	36	2	5
Nebraska-----	-	-	2	8	4	1	-	1	5	75	-	1
Kansas-----	1	1	-	1	5	8	-	-	15	59	5	6
SOUTH ATLANTIC-----	33	46	160	59	65	46	7	12	151	148	130	166
Delaware-----	-	-	-	-	2	-	-	-	1	9	1	1
Maryland-----	-	-	12	1	4	3	1	1	13	9	7	18
District of Columbia-----	-	-	-	-	-	2	-	-	2	3	4	4
Virginia-----	3	11	34	12	9	2	1	4	29	22	62	42
West Virginia-----	-	1	8	10	17	21	1	1	19	26	5	12
North Carolina-----	5	10	62	7	7	12	1	-	13	26	20	65
South Carolina-----	2	9	-	-	-	3	-	-	7	6	-	3
Georgia-----	18	12	39	25	10	1	2	-	19	21	21	15
Florida-----	5	3	5	4	16	2	1	6	48	26	10	6
EAST SOUTH CENTRAL-----	14	24	94	52	46	26	6	7	28	135	34	58
Kentucky-----	-	7	8	26	-	3	-	2	7	86	1	22
Tennessee-----	1	-	6	6	40	17	1	4	11	31	15	18
Alabama-----	7	16	12	18	2	3	3	1	8	6	8	12
Mississippi-----	6	1	68	2	4	3	2	-	2	12	10	6
WEST SOUTH CENTRAL-----	8	10	20	10	80	76	3	6	44	82	493	369
Arkansas-----	-	3	4	1	1	22	-	3	6	14	36	2
Louisiana-----	1	1	-	-	7	1	-	-	2	10	1	2
Oklahoma-----	-	-	1	-	-	2	-	1	8	28	6	11
Texas-----	7	6	15	9	72	51	3	2	28	30	450	354
MOUNTAIN-----	-	-	32	5	207	65	1	2	25	147	52	165
Montana-----	-	-	-	-	109	20	-	-	5	16	3	14
Idaho-----	-	-	21	2	12	9	-	-	1	16	12	9
Wyoming-----	-	-	-	-	3	-	-	-	1	10	13	36
Colorado-----	-	-	7	2	21	6	1	-	5	41	7	11
New Mexico-----	-	-	1	1	12	5	-	2	3	30	6	-
Arizona-----	-	-	3	-	1	5	-	-	4	14	-	84
Utah-----	-	-	-	-	48	20	-	-	6	11	10	11
Nevada-----	-	-	-	-	1	-	-	-	-	9	1	-
PACIFIC-----	-	-	78	35	225	163	10	8	180	277	102	81
Washington-----	-	-	21	2	68	28	3	1	19	49	21	13
Oregon-----	-	-	19	5	32	19	1	1	17	31	17	5
California-----	-	-	38	28	125	116	6	6	144	197	64	63
Alaska-----	(-)	(70)	(-)	(-)	(40)	(1)	(-)	(-)	(-)	(4)	(2)	(-)
Hawaii-----	(-)	(-)	(1)	(10)	(-)	(2)	(2)	(-)	(2)	(2)	(2)	(-)
Puerto Rico-----	(-)	(7)	(-)	(-)	(30)	(62)	(-)	(-)	(1)	(-)	(-)	(-)

Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED OCTOBER 17, 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
	41st week		41st week									
	1953	1952	1953	1952								
UNITED STATES-----	38	56	644	570	37	15	29	3	2	11	4	142
NEW ENGLAND-----	-	-	78	49	-	-	3	-	2	-	-	-
Maine-----	-	-	2	7	-	-	-	-	2	-	-	-
New Hampshire-----	-	-	6	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	17	11	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	31	26	-	-	3	-	-	-	-	-
Rhode Island-----	-	-	7	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	15	5	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	4	8	207	146	2	3	-	-	-	-	-	8
New York-----	3	2	117	49	2	3	-	-	-	-	-	7
New Jersey-----	-	-	22	22	-	-	-	-	-	-	-	-
Pennsylvania-----	1	6	68	75	-	-	-	-	-	-	-	1
EAST NORTH CENTRAL-----	13	3	182	120	14	5	1	1	-	-	-	19
Ohio-----	¹ 11	-	41	18	-	-	-	1	-	-	-	1
Indiana-----	1	-	17	13	-	2	-	-	-	-	-	6
Illinois-----	1	-	16	11	8	1	1	-	-	-	-	8
Michigan-----	-	3	64	61	6	1	-	-	-	-	-	4
Wisconsin-----	-	-	44	17	-	1	-	-	-	-	-	-
WEST NORTH CENTRAL-----	1	7	19	9	8	3	1	-	-	-	-	6
Minnesota-----	1	-	6	3	3	-	-	-	-	-	-	1
Iowa-----	-	1	3	4	3	-	1	-	-	-	-	2
Missouri-----	-	4	7	-	-	-	-	-	-	-	-	3
North Dakota-----	-	1	-	-	-	1	-	-	-	-	-	-
South Dakota-----	-	-	-	1	-	2	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	-	1	3	1	2	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	6	8	34	46	2	1	10	2	-	1	-	53
Delaware-----	1	-	2	-	-	-	-	-	-	-	-	-
Maryland-----	2	-	14	2	1	-	1	-	-	-	-	-
District of Columbia-----	-	1	1	2	-	-	-	-	-	-	-	-
Virginia-----	1	2	5	1	1	-	1	2	-	1	-	8
West Virginia-----	-	-	10	32	-	1	-	-	-	-	-	20
North Carolina-----	-	1	-	2	-	-	4	-	-	-	-	7
South Carolina-----	-	-	2	1	-	-	-	-	-	-	-	7
Georgia-----	1	3	-	2	-	-	4	-	-	-	-	10
Florida-----	1	1	-	4	-	-	-	-	-	-	-	1
EAST SOUTH CENTRAL-----	5	11	15	11	1	-	-	-	-	1	-	24
Kentucky-----	1	6	9	4	-	-	-	-	-	-	-	4
Tennessee-----	1	-	5	2	-	-	-	-	-	-	1	6
Alabama-----	1	-	1	-	1	-	-	-	*	1	-	9
Mississippi-----	2	5	-	5	-	-	-	-	*	-	-	5
WEST SOUTH CENTRAL-----	3	10	69	94	0	2	5	-	-	6	3	30
Arkansas-----	-	5	9	5	1	-	-	-	-	-	-	5
Louisiana-----	-	-	2	2	1	-	-	-	-	5	-	26
Oklahoma-----	-	3	2	2	-	-	-	-	-	1	-	-
Texas-----	2	2	56	85	7	2	5	-	-	-	3	19
MOUNTAIN-----	4	7	9	28	1	-	-	-	-	1	-	-
Montana-----	-	-	-	-	-	-	-	-	-	1	-	-
Idaho-----	-	1	-	1	-	-	-	-	-	-	-	-
Wyoming-----	-	3	4	-	1	-	-	-	-	-	-	-
Colorado-----	1	-	5	3	-	-	-	-	-	-	-	-
New Mexico-----	3	1	-	5	-	-	-	-	-	-	-	-
Arizona-----	-	1	-	19	-	-	-	-	-	-	-	-
Utah-----	-	1	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	2	31	67	-	1	9	-	-	2	-	2
Washington-----	1	-	6	-	-	-	4	-	-	-	-	-
Oregon-----	-	1	3	4	-	-	-	-	-	-	-	2
California-----	1	1	22	63	-	1	5	-	-	2	-	-
Alaska-----	(-)	(-)	(-)	(6)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(-)	(1)	(-)	(-)	(3)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(-)	(-)	(29)	(3)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(2)

¹Includes 10 delayed reports.²Reported for September.

5

(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
NEW ENGLAND															
Boston-----	-	3	-	5	1	-	12	-	-	-	-	1	-	11	-
Bridgeport-----	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Cambridge-----	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Fall River-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hartford-----	-	-	-	-	-	-	3	-	2	-	-	-	-	7	-
Lowell-----	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Lynn-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
New Bedford-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
New Haven-----	1	-	-	2	1	-	-	-	1	-	-	-	-	5	-
Portland, Me.-----	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-
Providence-----	-	-	-	2	-	-	6	-	1	-	-	-	-	-	-
Somerville-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Springfield, Mass.-----	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-
Waterbury-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Worcester-----	-	-	-	3	-	-	-	-	3	-	-	-	-	1	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	5	-	-	2	-	-	-	-	-	-	10	-
Buffalo-----	-	-	-	1	4	-	7	-	1	-	-	-	-	-	-
Camden-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Erie-----	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
Jersey City-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Newark, N. J.-----	-	-	-	10	-	-	5	-	1	-	-	-	-	3	-
New York City-----	1	1	3	26	51	5	35	-	10	-	-	3	-	66	-
Paterson-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Philadelphia-----	-	-	-	10	3	5	7	-	9	-	-	-	-	25	-
Pittsburgh-----	-	-	-	1	10	1	19	-	2	-	-	-	-	1	-
Reading-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Rochester, N. Y.-----	-	-	-	-	-	-	9	-	2	-	-	-	-	-	-
Schenectady-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Syracuse-----	-	-	-	1	-	-	5	-	-	-	-	-	-	10	-
Trenton-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Utica-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yonkers-----	-	-	-	-	-	-	4	-	1	-	-	-	-	2	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton-----	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-
Chicago-----	1	-	1	-	23	1	7	-	19	-	-	2	-	11	-
Cincinnati-----	-	-	-	2	-	-	5	-	3	-	-	-	-	6	-
Cleveland-----	-	-	-	3	3	3	15	-	4	-	-	-	-	25	-
Columbus-----	-	1	-	-	2	1	6	-	2	-	-	-	-	-	-
Dayton-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Detroit-----	-	-	-	2	7	2	28	-	12	-	-	-	-	43	-

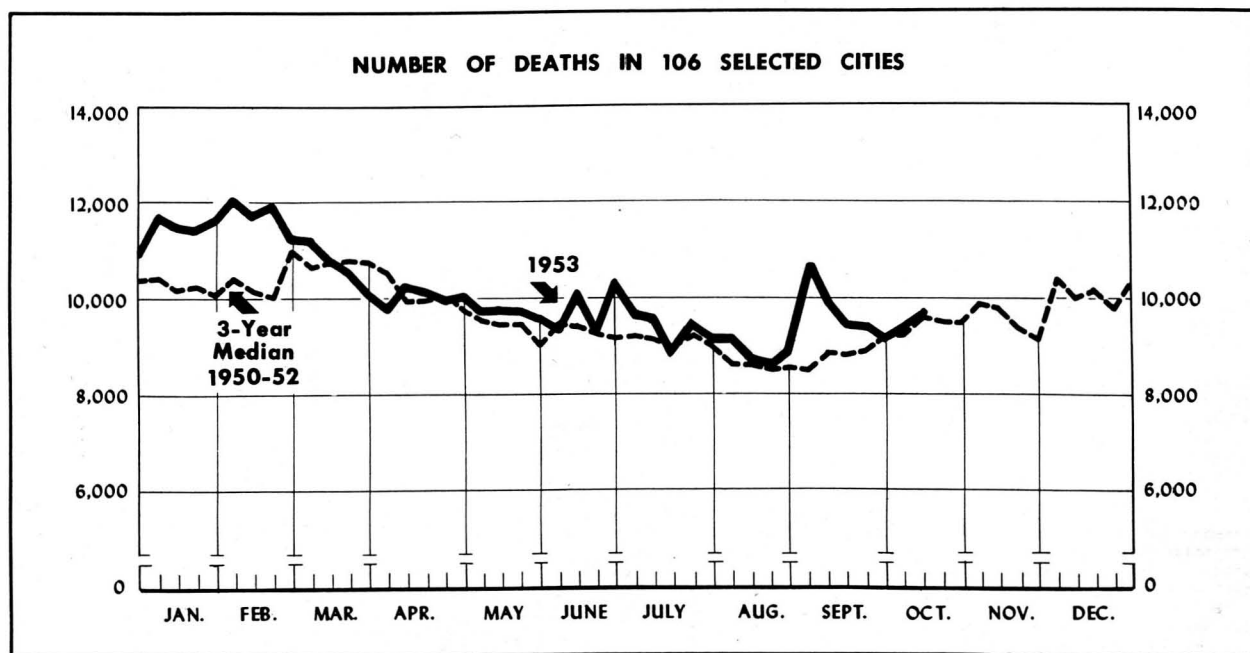
Weekly Morbidity Report

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
OCTOBER 17, 1953—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)	Polio-myelitis, 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-----	-	-	-	1	-	-	3	-	4	-	-	-	-	-	-
Baltimore-----	-	-	-	2	2	1	4	-	4	-	-	-	-	14	-
Charleston, S. C.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charleston, W. Va.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlotte-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Miami-----	-	-	-	2	1	-	3	-	2	-	-	-	-	-	-
Norfolk-----	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Richmond-----	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-
Savannah-----	-	-	-	-	10	1	2	-	-	-	-	-	-	-	-
Tampa-----	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
Washington, D. C.-----	-	-	-	-	-	-	2	-	4	-	-	-	-	1	-
Washington, Del.-----	-	-	-	-	1	-	1	-	1	-	-	-	-	2	-
EAST SOUTH CENTRAL															
Birmingham-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Chattanooga-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Knoxville-----	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Louisville-----	-	-	-	-	-	-	1	-	3	-	-	-	-	3	-
Memphis-----	-	-	-	2	4	-	1	-	-	-	-	-	-	-	-
Mobile-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montgomery-----	-	5	-	-	1	1	1	-	-	-	-	-	-	-	-
Nashville-----	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
WEST SOUTH CENTRAL															
Dallas-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
El Paso-----	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Fort Worth-----	-	-	-	1	2	1	-	-	2	-	-	-	-	-	-
Galveston-----	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Houston-----	-	-	-	2	-	1	1	-	3	-	-	-	-	-	-
Little Rock-----	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-
New Orleans-----	-	-	-	8	5	-	1	-	-	-	-	-	1	3	-
Oklahoma City-----	-	-	-	1	1	-	-	-	2	-	-	-	-	-	-
San Antonio-----	-	1	-	-	-	-	1	-	1	-	-	-	-	-	1
Shreveport-----	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Tulsa-----	-	-	-	-	-	-	2	-	3	-	-	-	-	-	1
MOUNTAIN															
Albuquerque-----	-	-	-	-	-	-	3	-	4	-	-	-	-	-	-
Boise City-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado Springs-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Denver-----	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-
Ogden-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phoenix-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pueblo-----	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Salt Lake City-----	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
Tucson-----	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
PACIFIC															
Long Beach-----	-	-	-	1	4	-	5	-	2	-	-	-	-	1	-
Los Angeles-----	-	-	-	7	15	-	20	-	6	-	-	-	-	3	-
Oakland-----	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-
Portland, Oreg.-----	-	-	-	1	1	1	4	-	3	-	-	-	-	2	-
Sacramento-----	-	-	-	3	1	1	6	-	-	-	-	-	-	-	-
San Diego-----	-	-	-	1	11	-	7	-	2	-	-	-	-	-	-
San Francisco-----	-	-	-	4	12	1	4	-	4	-	-	-	-	-	-
Seattle-----	-	-	-	-	3	-	2	-	3	-	-	-	-	-	-
Spokane-----	-	-	-	-	-	1	5	-	1	-	-	-	-	-	-
Tacoma-----	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-
Honolulu-----	-	-	-	-	-	2	1	-	2	-	-	-	-	-	-

Provisional Statistics for Deaths in Selected Cities for
Week Ended October 17, 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	41st week ended Oct. 17, 1953	40th week ended Oct. 10, 1953	41st week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 41 WEEKS		
					1953	1952	Percentage difference
TOTAL: 104 REPORTING CITIES-----	9,598	9,204	9,392	+2.2	407,749	395,479	+3.1
New England----- (14 cities)	619	632	628	-1.4	22,096	26,756	+1.3
Middle Atlantic----- (16 cities)	2,882	2,833	2,751	+4.8	118,492	115,738	+2.4
East North Central----- (18 cities)	2,122	2,033	2,101	+1.0	91,172	87,770	+3.9
West North Central----- (8 cities)	713	651	670	+6.4	30,171	28,368	+6.4
South Atlantic----- (9 cities)	701	755	777	-9.8	31,673	31,506	+0.5
East South Central----- (7 cities)	434	417	398	+9.0	18,245	17,375	+5.0
West South Central----- (13 cities)	787	619	694	+13.4	31,593	29,954	+5.5
Mountain----- (7 cities)	196	197	235	-16.6	9,678	9,166	+5.6
Pacific----- (12 cities)	1,144	1,067	1,123	+1.9	49,629	48,846	+1.6

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

OCTOBER 17, 1953

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

CITY	41st week ended Oct. 17, 1953	40th week ended Oct. 10, 1953	CUMULATIVE NUMBER FOR FIRST 41 WEEKS		CITY	41st week ended Oct. 17, 1953	40th week ended Oct. 10, 1953	CUMULATIVE NUMBER FOR FIRST 41 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	216	229	9,109	8,979	St. Paul-----	68	63	2,590	2,450
Bridgeport-----	27	32	1,369	1,393	Wichita-----	53	38	1,651	1,628
Cambridge-----	26	21	1,134	1,193	SOUTH ATLANTIC				
Fall River-----	22	20	1,123	1,080	Atlanta-----	83	108	4,225	4,068
Hartford-----	36	35	1,849	1,810	Baltimore-----	205	192	9,214	9,508
Lowell-----	26	20	1,026	1,011	Charlotte-----	40	39	1,176	1,156
Lynn-----	22	22	895	865	Miami-----	45	57	2,417	2,180
New Bedford-----	28	24	945	929	Norfolk-----	26	39	1,304	1,288
New Haven-----	50	38	1,765	1,736	Richmond-----	52	73	2,612	2,726
Providence-----	51	68	2,429	2,515	Tampa-----	43	48	2,143	2,185
Somerville-----	6	15	613	653	Washington, D. C.-----	178	175	7,235	7,097
Springfield, Mass.-----	28	40	1,579	1,523	Wilmington, Del.-----	29	24	1,347	1,298
Waterbury-----	33	19	1,070	974	EAST SOUTH CENTRAL				
Worcester-----	48	49	2,190	2,095	Birmingham-----	52	65	2,980	2,837
MIDDLE ATLANTIC					Chattanooga-----	31	36	1,843	1,820
Albany-----	48	53	1,855	1,696	Knoxville-----	31	34	1,338	1,316
Buffalo-----	141	142	5,833	5,518	Louisville-----	126	93	4,314	4,046
Camden-----	34	23	1,496	1,460	Memphis-----	106	104	4,364	3,890
Elizabeth-----	40	16	1,095	1,187	Mobile-----	27	33	1,281	1,271
Erie-----	21	22	1,378	1,325	Montgomery-----	(16)	(23)	(1,107)	(1,074)
Jersey City-----	73	64	2,795	2,908	Nashville-----	61	52	2,125	2,195
Newark, N. J.-----	---	(84)	---	(4,210)	WEST SOUTH CENTRAL				
New York City-----	1,514	1,541	64,419	63,268	Austin-----	27	20	1,036	929
Paterson-----	38	39	1,573	1,511	Baton Rouge-----	14	14	645	652
Philadelphia-----	493	504	19,783	19,091	Corpus Christi-----	5	9	683	681
Pittsburgh-----	178	162	6,963	6,990	Dallas-----	113	85	3,865	3,581
Rochester, N. Y.-----	98	89	3,845	3,683	El Paso-----	32	29	1,127	1,085
Schenectady-----	35	16	965	919	Fort Worth-----	51	48	2,335	2,180
Syracuse-----	62	50	2,220	2,103	Houston-----	129	99	5,045	4,651
Trenton-----	41	55	1,885	1,775	Little Rock-----	36	45	1,751	1,834
Utica-----	40	30	1,293	1,154	New Orleans-----	164	101	6,431	6,122
Yonkers-----	26	27	1,094	1,150	Oklahoma City-----	45	50	2,195	2,089
EAST NORTH CENTRAL					San Antonio-----	82	60	3,301	3,063
Akron-----	47	44	2,336	2,236	Shreveport-----	35	26	1,601	1,541
Canton-----	20	29	1,153	1,147	Tulsa-----	54	33	1,578	1,546
Chicago-----	726	668	30,253	29,044	MOUNTAIN				
Cincinnati-----	155	142	6,104	5,690	Albuquerque-----	30	27	1,079	1,043
Cleveland-----	195	195	8,365	8,378	Colorado Springs-----	18	7	554	530
Columbus-----	93	100	4,220	4,017	Denver-----	76	86	4,374	4,083
Dayton-----	60	58	2,492	2,391	Ogden-----	10	13	501	517
Detroit-----	303	288	12,893	12,496	Phoenix-----	21	10	917	845
Evansville-----	31	24	1,326	1,388	Pueblo-----	7	15	556	500
Flint-----	25	35	1,474	1,378	Salt Lake City-----	34	39	1,697	1,648
Fort Wayne-----	25	36	1,262	1,198	Tucson-----	(5)	(4)	(205)	(190)
Grand Rapids-----	40	27	1,579	1,485	PACIFIC				
Indianapolis-----	98	118	4,549	4,468	Berkeley-----	19	10	682	754
Milwaukee-----	113	95	4,978	4,826	Long Beach-----	41	41	1,889	1,847
Peoria-----	28	27	1,277	1,205	Los Angeles-----	447	359	17,886	17,406
South Bend-----	15	28	951	934	Oakland-----	102	83	3,809	3,827
Toledo-----	86	66	3,769	3,564	Pasadena-----	28	30	1,384	1,292
Youngstown-----	62	53	2,191	1,925	Portland, Oreg.-----	84	100	4,016	3,857
WEST NORTH CENTRAL					Sacramento-----	28	40	1,884	1,866
Des Moines-----	54	48	2,008	2,007	San Diego-----	63	68	2,863	2,835
Duluth-----	30	30	1,111	1,044	San Francisco-----	160	181	7,566	7,639
Kansas City, Kans.-----	---	(22)	---	(1,414)	Seattle-----	105	86	4,635	4,466
Kansas City, Mo.-----	119	102	5,022	4,516	Spokane-----	42	47	1,694	1,675
Minneapolis-----	118	115	5,176	4,621	Tacoma-----	25	22	1,321	1,382
Omaha-----	42	67	2,646	2,540	Honolulu-----	(24)	(33)	(1,295)	(1,305)
St. Louis-----	229	188	9,987	9,562					

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

GPO 885782