

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

Vol. 1, No. 42

Washington 25, D. C.

October 24, 1952

Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended October 18, 1952

The number (2,070) of cases of typhoid fever reported so far in 1952 exceeds that (1,830) for the same period in 1951. During the past decade there had been an uninterrupted decrease in the number of cases reported from year to year, from 6,170 cases in 1942 to 2,126 in 1951. Present indications are that the total for 1952 will exceed that for 1951, and possibly, for 1950. In each of 18 States, the total number of cases reported during the first 42 weeks of 1952 is larger than the totals reported in 1951, and in 5 of these, excesses ranged from 65 to 116 percent over their respective totals for last year. New York State reported 183 cases in the first 42 weeks of this year as compared with 96 in 1951; Wisconsin reported 29 as compared with 16; Mississippi, 172 as compared with 79; Arkansas, 135 as compared with 82; and Colorado, 39 as compared with 18. Reports of epidemiological investigations of 9 outbreaks of typhoid fever, in which there were 125 cases, were received during the first 42 weeks of 1952, as compared with 3 outbreaks with 44 cases in 1951. Of those reported in 1952, 2 which followed a supper, 1 in a camp, and 1 family outbreak, were traced to carriers who prepared food. In 4 outbreaks, there was evidence that water was the vehicle of infection. The probable source of infection in another family outbreak was not determined.

A decline of 15 percent was noted in the incidence of poliomyelitis for the current week. From 2,875 (corrected figure) cases reported last week, the number decreased to 2,419 for the current week. The cumulative total for the "disease year," which began with the week ended April 5, is 46,345 as compared with 36,054 and 22,554, respectively, for 1949 and 1951. The cumulative total for the calendar year is 47,665.

Alaska has reported 11 cases of poliomyelitis during the last 2 weeks as compared with only 4 for the first 9 months of 1952.

Two cases of anthrax were reported—one in Pennsylvania, and one in California. The case in California was acquired by a veterinarian during an autopsy of a cow.

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Anthrax in animals

During September, 29 outbreaks of anthrax in animals were reported in 12 States according to a monthly summary received from the Department of Agriculture. Two outbreaks resulting in the loss of 150 minks and 2 cows were reported in New York State. The source of infection in the minks was reported as infected carcasses used as feed. The source of infection in the cows was unknown. In the other States the source of infection was not determined for 13 outbreaks. Six outbreaks resulted from infected soil, 3 from vaccination anthrax, 2 from contaminated bone meal, and 1 from infected premises. Reports from 29 States show that no anthrax in animals occurred during September. Late reports for August list 10 outbreaks in 4 States. Of these, 8 were traced to infected soil, and the source of infection for the others was unknown. The losses were 19 cattle, 7 swine, 4 sheep, and 1 horse.

Typhoid fever

Dr. J. M. Chapman, Los Angeles Health Department, has reported in the Los Angeles Morbidity and Mortality Weekly Report, a family outbreak of typhoid fever. A 1-year old child had an

undiagnosed febrile illness about June 10, from which he apparently recovered. He was taken on a visit with relatives in Texas about July 4, and had a recurrence of illness about August 1. Following his return to Los Angeles, he had a relapse of his illness which was diagnosed as typhoid fever. Three other children in the family developed the disease on September 14, 26, and 28, respectively. The suspected carrier visited the Los Angeles household between February and July, 1952, then she returned to her home in Texas. Later, she was visited by the above mentioned children. Two of the cases probably had their source by contact with the first cases.

Infectious encephalitis

Dr. W. L. Halverson, Director, California Department of Public Health, reports 12 cases of infectious encephalitis for the current week. This brings the total since the first of July to 700. Of this total, 354 cases have been confirmed by laboratory examination—326 western equine, 26 St. Louis type and 2 a combination of western and St. Louis types.

Virus infection

Dr. S. E. Krumbiegel, Medical Director, Bureau of Prisons, reports that an explosive outbreak occurred among inmates of a penal institution in Arizona late in September. The illness which was characterized by fever, headache, abdominal cramps, and diarrhea, was highly prevalent in the area in which the institution was located. The only diagnosis made was "virus infection."

Bacillary dysentery

Dr. R. M. Albrecht, New York State Department of Health, reports an outbreak of bacillary dysentery in an institution. This outbreak began slowly with the first case having onset about the middle of September and reached a peak during the first week in October. By October 8 there had been 112 cases, all in the patient population. Of the total, 97 were in 4 buildings housing 2,000 female patients. This was a mild disease and was spread by contact. The report from the laboratory showed *Shigella sonnei* as the incriminating organism.

Mr. V. R. McLean, Milk and Food Branch of Region VII, reports an outbreak of shigellosis in an institution in Missouri. A total of 152 cases occurred during the latter part of August. Tuna fish salad which was eaten by 300 to 400 persons was implicated as the vehicle of infection and the causative organism was stated as *Shigella paradysenteriae flexneri*.

Gastro-enteritis

Dr. Halverson reports an outbreak of food poisoning following a wedding dinner in California. Nineteen persons became ill from 3 to 5½ hours after eating wedding cake. This cake was made of whole fresh eggs, sugar, flour, fresh butter, and vanilla extract. The filling was made of egg whites, sugar, glucose, sweet butter, rum, and crushed pineapple. The hostess took some cake home to 3 of her employees and all became ill from 3 to 4½ hours after ingestion of the cake. Specimens taken from the cake were sent to the laboratory for examination where they proved positive for *Staphylococcus aureus*.

Mrs. Sarah V. Dugan, Kentucky Department of Health, reports an outbreak among 300 children who ate a noon meal in the lunch

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room of a school. Of these, 201 became ill from 6 to 12 hours after the meal. Chicken and dressing were served for lunch. It was reported that the chicken was cooked the previous afternoon and left on the stove overnight. The meat was reheated the next morning and dressing was made from the broth.

Dr. J. C. Ayres, Massachusetts Department of Public Health, reports an outbreak of food poisoning in a home for boys. Of a total of 170 boys and 25 adults, 31 boys and 1 adult became sick.

The incubation period was from 1 to 8½ hours. Fifty-nine of the 62 patients gave a history of having drunk milk. The milk used was from the home farm and was unpasteurized. The farmer in charge milks the cows with a milking machine. The milk is poured into cans, transported to the kitchen, strained, allowed to cool, and then placed in the refrigerator. Laboratory examination of the milk revealed the presence of *Streptococcus faecalis* of the viridans group.

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
	Oct. 18, 1952	Oct. 20, 1951			1951-52	1950-51		1952	1951	
	062	12			1	1		(2)	(2)	
044	34	---	---	(2)	(2)	(2)	(2)	1,757	---	---
055	91	110	229	July 1	832	1,109	2,280	2,278	3,079	5,965
082	25	28	16	(2)	(2)	(2)	(2)	1,700	863	647
092,N998.5 pt.	245	---	---	(2)	(2)	(2)	(2)	12,707	---	---
110-117	83	397	---	(2)	(2)	(2)	(2)	7,198	---	---
085	812	1,498	998	Sept. 1	4,618	7,333	4,604	655,342	476,203	476,203
057	71	65	65	Sept. 1	405	365	354	4,001	3,335	2,870
090	2,419	1,061	1,078	Apr. 1	346,345	22,554	22,554	347,665	23,852	23,852
104A	1	3	3	(2)	(2)	(2)	(2)	302	314	506
050,051	1,214	771	795	Aug. 1	9,700	4,303	4,918	87,094	57,434	61,224
128	2	---	---	(2)	(2)	(2)	(2)	299	---	---
059	8	11	15	(2)	(2)	(2)	(2)	534	547	799
040	54	36	59	Apr. 1	1,671	1,438	2,017	2,070	1,830	2,435
101	4	---	---	Apr. 1	117	---	---	147	---	---
056	570	993	1,369	Oct. 1	1,831	2,676	4,178	38,491	56,451	65,002
---	115	135	---	(2)	(2)	(2)	(2)	6,404	5,780	---

¹Pennsylvania and California, 1 case each.²Not computed.³Addition: Arkansas, week ended October 11, 1 case. Deduction: Arkansas, week ended September 27, 1 case.

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

Alaska: Diphtheria, 70 (-); measles, 1 (-); poliomyelitis, 4 (-); typhoid fever, - (1); whooping cough, 6 (8).

Hawaii: Measles, 2 (302); poliomyelitis, 2 (1); whooping cough, 1 (2); hepatitis, infectious, and serum, 10; malaria, 1.

Puerto Rico: Diphtheria, 7 (13); measles, 62 (28); poliomyelitis, - (1); whooping cough, 3 (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 OCTOBER 18, 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	
	Oct. 18, 1952	Oct. 20, 1951	Oct. 18, 1952	Oct. 20, 1951	Oct. 18, 1952	Oct. 20, 1951	Oct. 18, 1952	Oct. 20, 1951	Oct. 18, 1952	Oct. 20, 1951	Oct. 18, 1952	Oct. 20, 1951
UNITED STATES-----	91	110	812	1,498	71	65	2,419	1,061	1,214	771	54	36
NEW ENGLAND-----	1	2	51	217	5	1	53	16	56	34	-	3
Maine-----	-	-	30	31	1	-	7	-	6	3	-	-
New Hampshire-----	-	-	-	11	-	-	2	1	1	3	-	-
Vermont-----	-	-	-	64	-	-	2	-	2	-	-	-
Massachusetts-----	-	2	15	79	3	1	23	3	25	20	-	3
Rhode Island-----	-	-	-	11	-	-	8	1	5	1	-	-
Connecticut-----	1	-	6	21	1	-	11	11	17	7	-	-
MIDDLE ATLANTIC-----	3	10	117	443	16	11	225	127	118	86	8	4
New York-----	-	5	24	295	5	6	111	82	63	49	2	2
New Jersey-----	1	3	19	71	4	3	26	14	21	13	-	2
Pennsylvania-----	2	2	74	77	7	2	88	31	34	26	6	-
EAST NORTH CENTRAL-----	5	4	206	274	13	15	705	231	160	189	3	4
Ohio-----	2	1	30	39	1	5	218	48	11	49	-	-
Indiana-----	-	2	4	8	1	-	90	14	27	25	-	-
Illinois-----	1	1	8	110	2	5	120	54	31	35	-	2
Michigan-----	2	-	64	52	5	5	201	64	55	68	3	2
Wisconsin-----	-	-	100	65	4	-	76	51	36	12	-	-
WEST NORTH CENTRAL-----	2	2	62	30	2	9	645	152	41	60	7	-
Minnesota-----	-	2	17	11	1	3	224	27	17	9	-	-
Iowa-----	-	-	5	-	-	2	178	10	4	10	1	-
Missouri-----	1	-	7	3	-	3	65	40	5	13	4	-
North Dakota-----	-	-	9	1	-	-	8	2	3	-	1	-
South Dakota-----	-	-	15	4	-	-	36	4	5	18	-	-
Nebraska-----	-	-	1	2	1	-	75	19	1	1	-	-
Kansas-----	1	-	8	9	-	1	59	50	6	9	1	-
SOUTH ATLANTIC-----	46	46	46	144	12	8	150	75	166	152	8	7
Delaware-----	-	-	-	3	-	-	9	-	1	-	-	-
Maryland-----	-	1	3	53	1	-	9	7	18	11	-	1
District of Columbia-----	-	-	2	13	-	-	3	3	4	5	1	-
Virginia-----	11	11	2	25	4	3	22	9	42	15	2	3
West Virginia-----	1	1	21	11	1	-	26	11	12	9	-	-
North Carolina-----	10	17	12	8	-	2	26	16	65	81	1	1
South Carolina-----	9	2	3	1	-	-	6	6	3	12	-	1
Georgia-----	12	13	1	27	-	-	23	18	15	19	3	-
Florida-----	3	1	2	3	6	3	26	5	6	-	1	1
EAST SOUTH CENTRAL-----	24	23	26	46	7	5	135	97	58	66	11	10
Kentucky-----	7	8	3	31	2	1	86	28	22	19	6	2
Tennessee-----	-	3	17	7	4	3	31	38	18	41	-	3
Alabama-----	16	10	3	7	1	-	6	8	12	5	-	1
Mississippi-----	1	2	3	3	-	1	12	25	6	1	5	4
WEST SOUTH CENTRAL-----	10	20	76	43	6	9	82	97	369	11	8	3
Arkansas-----	3	2	22	2	3	1	14	10	2	1	3	-
Louisiana-----	1	4	1	-	-	2	10	23	2	-	-	-
Oklahoma-----	-	2	2	3	1	-	28	13	11	1	3	2
Texas-----	6	12	51	38	2	6	30	51	354	9	2	1
MOUNTAIN-----	-	1	65	142	2	-	147	69	165	26	7	2
Montana-----	-	-	20	21	-	-	16	1	14	2	-	-
Idaho-----	-	-	9	8	-	-	16	8	9	3	1	-
Wyoming-----	-	-	6	-	-	-	10	4	36	-	3	-
Colorado-----	-	-	6	13	-	-	41	17	11	9	-	-
New Mexico-----	-	-	5	37	2	-	30	8	-	2	1	2
Arizona-----	-	1	5	33	-	-	14	6	84	8	1	-
Utah-----	-	-	20	30	-	-	11	23	11	2	1	-
Nevada-----	-	-	-	-	-	-	9	2	-	-	-	-
PACIFIC-----	-	2	163	157	8	7	277	197	81	145	2	3
Washington-----	-	-	28	28	1	2	49	20	13	18	-	-
Oregon-----	1	1	19	32	1	-	31	22	5	11	1	-
California-----	-	1	116	97	6	5	197	155	63	116	1	3

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED OCTOBER 18, 1952—Continued
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	WHOOPING COUGH (056)		Botulism (049.1)	Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N936.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (064)	Trichinosis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Oct. 18, 1952	Oct. 20, 1951											
UNITED STATES-----	570	993	-	34	25	245	83	1	-	2	8	4	115
NEW ENGLAND-----	49	46	-	1	1	14	10	-	-	1	-	-	-
Maine-----	7	5	-	-	-	3	1	-	-	-	-	-	-
New Hampshire-----	-	2	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	11	2	-	1	-	-	-	-	-	-	-	-	-
Massachusetts-----	26	32	-	-	1	10	7	-	-	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	2	-	-	1	-	-	-
Connecticut-----	5	5	-	-	-	1	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	146	209	-	3	7	40	7	-	-	-	-	-	15
New York-----	49	91	-	3	6	33	2	-	-	-	-	-	13
New Jersey-----	22	58	-	-	-	-	5	-	-	-	-	-	-
Pennsylvania-----	75	60	-	-	1	7	-	-	-	-	-	-	2
EAST NORTH CENTRAL-----	120	219	-	3	2	9	12	1	-	-	-	-	8
Ohio-----	18	27	-	-	1	6	-	-	-	-	-	-	1
Indiana-----	13	17	-	-	1	1	-	1	-	-	-	-	4
Illinois-----	11	47	-	1	-	-	1	-	-	-	-	-	2
Michigan-----	61	72	-	-	-	1	1	-	-	-	-	-	1
Wisconsin-----	17	56	-	2	-	1	10	-	-	-	-	-	*
WEST NORTH CENTRAL-----	9	25	-	17	1	21	7	-	-	1	-	-	7
Minnesota-----	3	3	-	4	-	2	1	-	-	-	-	-	-
Iowa-----	4	2	-	12	-	4	-	-	1	-	-	-	-
Missouri-----	-	11	-	-	-	3	5	-	-	-	-	-	7
North Dakota-----	-	-	-	-	-	1	1	-	-	-	-	-	-
South Dakota-----	1	-	-	-	-	2	-	-	-	-	-	-	-
Nebraska-----	-	1	-	-	1	8	-	-	-	-	-	-	-
Kansas-----	1	8	-	1	-	1	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	46	98	-	2	-	59	12	-	-	-	2	2	24
Delaware-----	-	2	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	3	-	-	-	1	-	-	-	-	-	-	-
District of Columbia-----	2	1	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	21	-	-	-	12	3	-	-	-	-	-	7
West Virginia-----	32	14	-	-	-	10	-	-	-	-	-	-	2
North Carolina-----	2	13	-	-	-	7	3	-	-	-	-	-	1
South Carolina-----	1	-	-	-	-	-	1	-	-	-	-	-	4
Georgia-----	2	28	-	1	-	25	3	-	-	2	1	-	10
Florida-----	4	16	-	1	-	4	2	-	-	-	1	-	-
EAST SOUTH CENTRAL-----	11	36	-	2	-	52	10	-	-	-	-	1	28
Kentucky-----	4	10	-	-	-	26	7	-	-	-	-	-	7
Tennessee-----	2	16	-	-	-	6	-	-	-	-	-	-	6
Alabama-----	-	5	-	1	-	18	3	-	-	-	-	-	9
Mississippi-----	5	7	-	1	-	2	-	-	-	-	-	1	6
WEST SOUTH CENTRAL-----	94	213	-	5	1	10	16	-	-	-	5	1	32
Arkansas-----	5	28	-	4	-	1	1	-	-	3	-	-	2
Louisiana-----	2	8	-	-	-	-	-	-	-	-	-	-	-
Oklahoma-----	2	15	-	-	-	-	5	-	-	-	-	-	1
Texas-----	85	164	-	1	1	9	10	-	-	2	1	1	29
MOUNTAIN-----	28	53	-	-	1	5	1	-	-	-	1	-	-
Montana-----	-	3	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	1	14	-	-	-	2	-	-	-	-	-	-	-
Wyoming-----	-	2	-	-	-	-	1	-	-	-	1	-	-
Colorado-----	3	10	-	-	-	2	-	-	-	-	-	-	-
New Mexico-----	5	15	-	-	-	1	-	-	-	-	-	-	-
Arizona-----	19	9	-	-	1	-	-	-	-	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	67	92	-	1	12	35	8	-	-	-	-	-	1
Washington-----	-	11	-	-	-	2	-	-	-	-	-	-	-
Oregon-----	4	3	-	-	-	5	-	-	-	-	-	-	-
California-----	63	78	-	1	12	28	8	-	-	-	-	-	1

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**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
OCTOBER 18, 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)	Polioomyelitis, 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: 98 cities--	1	13	8	58	150	21	532	-	253	-	-	13	8	187	4
NEW ENGLAND															
Boston-----				4	3	2	8		6						
Bridgeport-----									1						
Cambridge-----														1	
Fall River-----															
Hartford-----															
Lovell-----							1		1						
Lynn-----									1					1	
New Bedford-----															
New Haven-----						1									
Portland, Me.-----				3			1								
Providence-----							4		5						
Somerville-----															
Springfield, Mass.-----							1							13	
Waterbury-----							1								
Worcester-----				6		1	1		4			2		1	
MIDDLE ATLANTIC															
Albany-----															
Buffalo-----							13							3	
Camden-----					2		3								
Elizabeth-----							1		1					2	
Erie-----									1						
Jersey City-----									1					4	
Newark, N. J.-----					2	2			2					3	
New York City-----			6	9	14	4	57		17			2		30	
Paterson-----															
Philadelphia-----				6	2	1	16		7			4		39	
Pittsburgh-----						2	13		4					6	
Reading-----							2								
Rochester, N. Y.-----					1		3		4					1	
Schenectady-----															
Syracuse-----							5		6						
Trenton-----					1		1								
Utica-----															
Yonkers-----															
EAST NORTH CENTRAL															
Akron-----															
Canton-----				5	1		1								
Chicago-----					17	1	41		17					9	
Cincinnati-----															
Cleveland-----					4	1	22		7					4	
Columbus-----				3			3		3			1			
Dayton-----															
Detroit-----			1		2	2	25		19					24	
Evansville-----						1	5		5						
Flint-----							7		2						
Fort Wayne-----							14								
Grand Rapids-----							7		4					1	
Indianapolis-----							6		4					3	
Milwaukee-----					11	1	11		6					12	
Peoria-----					2		3		6						
South Bend-----									1						
Toledo-----															
Youngstown-----					1		1								
WEST NORTH CENTRAL															
Des Moines-----				4			10		1			1			
Duluth-----							2								
Kansas City, Kans.-----							3								
Kansas City, Mo.-----					9		9								
Minneapolis-----				1	17		36		6					1	
Omaha-----				8	1		15								
St. Louis-----		3			7		10		2					3	
St. Paul-----	1						22		3					1	
Wichita-----					5		5								

Anthrax: Philadelphia, 1 case.

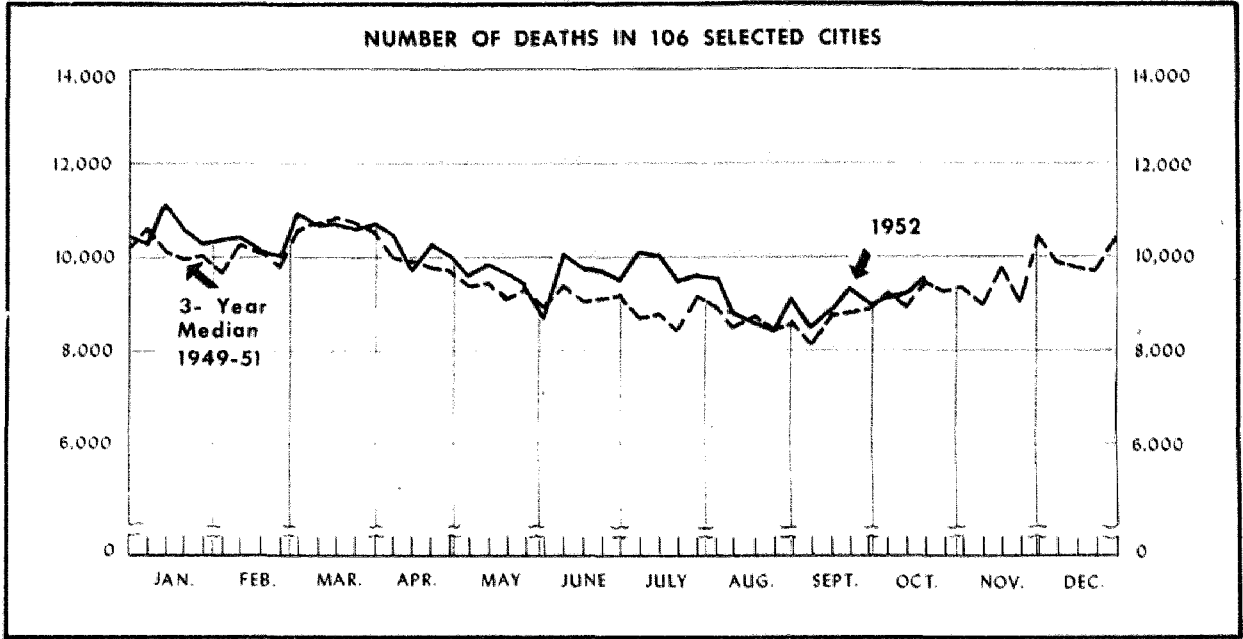
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Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
OCTOBER 18, 1952—Continued

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1946)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (052)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (087)	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	1	---	---	---	13	---	---	---	---	2	---
Charleston, S. C.-----	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---
Charleston, W. Va.-----	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---
Charlotte-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Miami-----	---	---	---	---	---	---	4	---	1	---	---	---	---	---	---
Norfolk-----	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---
Richmond-----	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---
Savannah-----	---	1	---	---	---	---	3	---	1	---	---	---	---	---	---
Tampa-----	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---
Washington, D. C.-----	---	---	---	---	2	---	---	---	4	---	---	1	---	2	---
Wilmington, Del.-----	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---
EAST SOUTH CENTRAL															
Birmingham-----	---	1	---	---	---	---	2	---	2	---	---	---	---	---	3
Chattanooga-----	---	---	---	---	---	---	3	---	2	---	---	---	---	---	---
Knoxville-----	---	---	---	---	---	---	10	---	1	---	---	---	---	---	---
Louisville-----	---	1	---	---	---	---	12	---	---	---	---	---	---	1	---
Memphis-----	---	---	---	1	10	---	2	---	1	---	---	---	---	---	---
Mobile-----	---	2	---	---	---	---	3	---	---	---	---	---	---	---	---
Montgomery-----	---	1	---	---	---	---	2	---	2	---	---	---	---	---	---
Nashville-----	---	---	---	1	---	---	1	---	1	---	---	---	---	---	---
WEST SOUTH CENTRAL															
Dallas-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
El Paso-----	---	---	---	---	3	---	2	---	3	---	---	---	---	---	---
Fort Worth-----	---	1	---	---	---	---	5	---	---	---	---	---	---	---	---
Galveston-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Houston-----	---	1	---	---	---	---	3	---	---	---	---	1	---	1	---
Little Rock-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Orleans-----	---	1	---	---	---	---	3	---	1	---	---	---	1	---	---
Oklahoma City-----	---	---	---	---	---	---	3	---	3	---	---	---	---	---	---
San Antonio-----	---	1	---	---	---	---	---	---	---	---	---	---	---	1	1
Shreveport-----	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---
Tulsa-----	---	---	---	---	---	---	4	---	---	---	---	---	---	---	---
MOUNTAIN															
Albuquerque-----	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---
Boise City-----	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---
Colorado Springs-----	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---
Denver-----	---	---	---	2	---	---	14	---	6	---	---	---	---	2	---
Ogden-----	---	---	---	---	---	---	5	---	---	---	---	---	---	---	---
Phoenix-----	---	---	---	---	---	---	1	---	18	---	---	---	---	---	---
Pueblo-----	---	---	---	---	---	---	6	---	---	---	---	---	---	---	---
Salt Lake City-----	---	---	---	---	1	---	1	---	3	---	---	---	---	---	---
Tucson-----	---	---	---	---	2	---	2	---	16	---	---	---	---	1	---
PACIFIC															
Long Beach-----	---	---	---	---	7	---	10	---	---	---	---	---	---	---	---
Los Angeles-----	---	---	---	2	5	---	26	---	6	---	---	---	---	7	---
Oakland-----	---	---	---	1	---	1	1	---	2	---	---	---	---	5	---
Portland, Oreg.-----	---	---	---	---	---	---	2	---	1	---	---	---	---	---	---
Sacramento-----	---	---	1	---	10	---	---	---	---	---	---	---	---	---	---
San Diego-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
San Francisco-----	---	---	---	1	5	---	12	---	5	---	---	---	---	1	---
Seattle-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Spokane-----	---	---	---	---	1	---	8	---	8	---	---	1	---	---	---
Tacoma-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Honolulu-----	(-)	(-)	(-)	(-)	(2)	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(1)	(-)

Provisional Statistics for Deaths in Selected Cities for Week Ended
October 18, 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	42d week ended Oct. 18, 1952	41st week ended Oct. 11, 1952	42d week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 42 WEEKS		
					1952	1951	Percentage difference
TOTAL: 106 REPORTING CITIES-----	9,537	9,210	9,505	+0.3	411,401	405,482	+1.5
New England----- (14 cities)	618	608	689	-10.3	27,480	27,999	-1.9
Middle Atlantic----- (17 cities)	2,849	2,809	2,972	-4.1	123,198	121,522	+1.4
East North Central----- (18 cities)	2,167	2,071	2,101	+3.1	89,630	89,065	+0.6
West North Central----- (9 cities)	717	675	696	+3.0	30,632	29,803	+2.8
South Atlantic----- (9 cities)	830	683	661	+25.6	32,237	30,232	+6.6
East South Central----- (7 cities)	455	404	359	+28.7	17,817	17,572	+1.4
West South Central----- (13 cities)	706	682	673	+4.9	30,773	30,976	-0.7
Mountain----- (7 cities)	196	231	199	-1.5	9,402	8,818	+8.6
Pacific----- (12 cities)	999	1,047	1,190	-16.1	50,242	49,495	+1.5

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

OCTOBER 18, 1952

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

CITY	42d week ended	41st week ended	CUMULATIVE NUMBER FOR FIRST 42 WEEKS		CITY	42d week ended	41st week ended	CUMULATIVE NUMBER FOR FIRST 42 WEEKS	
	Oct. 18, 1952	Oct. 11, 1952	1952	1951		Oct. 18, 1952	Oct. 11, 1952	1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	220	242	9,232	9,402	St. Paul-----	53	74	2,528	2,642
Bridgeport-----	27	31	1,426	1,423	Wichita-----	49	49	1,671	1,645
Cambridge-----	35	20	1,229	1,264	SOUTH ATLANTIC				
Fall River-----	22	18	1,112	1,196	Atlanta-----	119	92	4,151	3,523
Hartford-----	47	40	1,857	1,774	Baltimore-----	224	192	9,743	9,153
Lowell-----	27	37	1,039	1,227	Charlotte-----	35	26	1,192	1,124
Lynn-----	17	19	894	896	Miami-----	36	54	2,242	2,097
New Bedford-----	17	17	950	1,022	Norfolk-----	46	43	1,317	1,265
New Haven-----	41	38	1,783	1,803	Richmond-----	71	40	2,798	2,642
Providence-----	50	37	2,576	2,597	Tampa-----	46	45	2,257	2,095
Somerville-----	21	17	669	690	Washington, D. C.-----	219	165	7,203	7,033
Springfield, Mass.-----	36	48	1,564	1,555	Wilmington, Del.-----	34	26	1,334	1,300
Waterbury-----	33	24	1,003	987	EAST SOUTH CENTRAL				
Worcester-----	23	20	2,146	2,163	Birmingham-----	80	74	2,921	3,043
MIDDLE ATLANTIC					Chattanooga-----	47	50	1,875	1,844
Albany-----	54	41	1,721	1,751	Knoxville-----	30	32	1,338	1,389
Buffalo-----	125	150	5,678	5,828	Louisville-----	112	86	4,162	3,900
Camden-----	38	38	1,503	1,414	Memphis-----	101	82	3,982	3,941
Elizabeth-----	17	19	1,205	1,156	Mobile-----	29	31	1,295	1,251
Erie-----	29	33	1,360	1,328	Montgomery-----	(27)	(33)	(1,106)	(1,073)
Jersey City-----	67	67	2,995	2,914	Nashville-----	56	49	2,244	2,204
Newark, N. J.-----	98	93	4,363	4,096	WEST SOUTH CENTRAL				
New York City-----	1,935	1,564	85,003	83,063	Austin-----	23	25	958	1,120
Petersen-----	43	25	1,557	1,522	Baton Rouge-----	20	19	664	620
Philadelphia-----	392	410	19,544	20,444	Corpus Christi-----	14	25	700	614
Pittsburgh-----	181	190	7,178	7,138	Dallas-----	87	77	3,684	3,655
Rochester, N. Y.-----	93	94	3,787	3,731	El Paso-----	28	13	1,113	1,204
Schenectady-----	30	12	947	932	Fort Worth-----	67	41	2,229	2,287
Syracuse-----	48	55	2,157	2,044	Houston-----	92	105	4,768	4,687
Trenton-----	39	51	1,838	1,762	Little Rock-----	40	56	1,887	1,838
Utica-----	28	27	1,179	1,325	New Orleans-----	159	138	6,298	6,346
Yonkers-----	32	20	1,173	1,094	Oklahoma City-----	41	47	2,151	2,163
EAST NORTH CENTRAL					San Antonio-----	87	81	3,123	3,320
Akron-----	58	58	2,310	2,060	Shreveport-----	38	33	1,577	1,609
Canton-----	39	27	1,180	1,172	Tulsa-----	10	22	1,601	1,513
Chicago-----	703	648	29,406	29,781	MOUNTAIN				
Cincinnati-----	146	125	5,841	5,953	Albuquerque-----	29	31	1,072	1,087
Cleveland-----	202	208	8,577	8,422	Colorado Springs-----	8	19	540	507
Columbus-----	89	95	4,127	4,008	Denver-----	78	111	4,200	4,013
Dayton-----	57	44	2,445	2,401	Ogden-----	12	8	526	454
Detroit-----	300	308	12,738	12,875	Phoenix-----	22	20	862	749
Evansville-----	33	35	1,415	1,278	Pueblo-----	9	11	508	419
Flint-----	36	36	1,412	1,297	Salt Lake City-----	38	51	1,694	1,589
Fort Wayne-----	22	30	1,227	1,307	Tucson-----	(3)	(2)	(195)	(219)
Grand Rapids-----	45	31	1,521	1,542	PACIFIC				
Indianapolis-----	110	123	4,607	4,476	Berkeley-----	16	22	774	725
Milwaukee-----	116	129	4,970	4,682	Long Beach-----	45	40	1,900	1,795
Peoria-----	41	37	1,257	1,224	Los Angeles-----	331	346	17,923	17,709
South Bend-----	20	11	964	1,031	Oakland-----	82	76	3,971	3,796
Toledo-----	100	82	3,656	3,782	Pasadena-----	28	28	1,329	1,292
Youngstown-----	51	44	1,977	1,774	Portland, Oreg.-----	83	97	3,983	4,025
WEST NORTH CENTRAL					Sacramento-----	35	39	1,900	1,797
Des Moines-----	66	51	2,072	1,949	San Diego-----	55	57	2,923	2,636
Duluth-----	20	17	1,062	1,041	San Francisco-----	156	178	7,824	7,954
Kansas City, Kans.-----	47	26	1,444	1,489	Seattle-----	93	99	4,581	4,617
Kansas City, Mo.-----	122	93	4,646	4,536	Spokane-----	36	27	1,712	1,729
Minneapolis-----	90	122	4,752	4,630	Tacoma-----	39	38	1,412	1,420
Omaha-----	59	45	2,627	2,396	Honolulu-----	(20)	(27)	(1,334)	(1,286)
St. Louis-----	211	198	9,830	9,475					

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