

Morbidity and Mortality

Weekly Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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October 10, 1952

Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended October 4, 1952

Regular weekly reporting by States of the number of cases of infectious hepatitis began on January 1, 1952. The provisional total for 39 weeks or three quarters of the year is 11,868. Cases have been reported by all States except New Hampshire, New Jersey, Nevada, Vermont, and the District of Columbia. Georgia has reported the largest number, namely, 1,524, followed by Alabama with 960 cases, Kentucky with 953, Tennessee with 779, and New York with 758. For the distribution of cases and rates (per 100,000 population) by State see chart below. Although comparable statistical data are not available for previous years, the distribution of the disease has not been different from that described in text books. The incidence in 1952 was highest in the winter and spring months. Epidemics have been reported most frequently from States with large rural populations and commonly in school populations. Two outbreaks have been reported in which water was regarded as the vehicle of infection, but in most instances, epidemiological evidence has pointed to person-to-

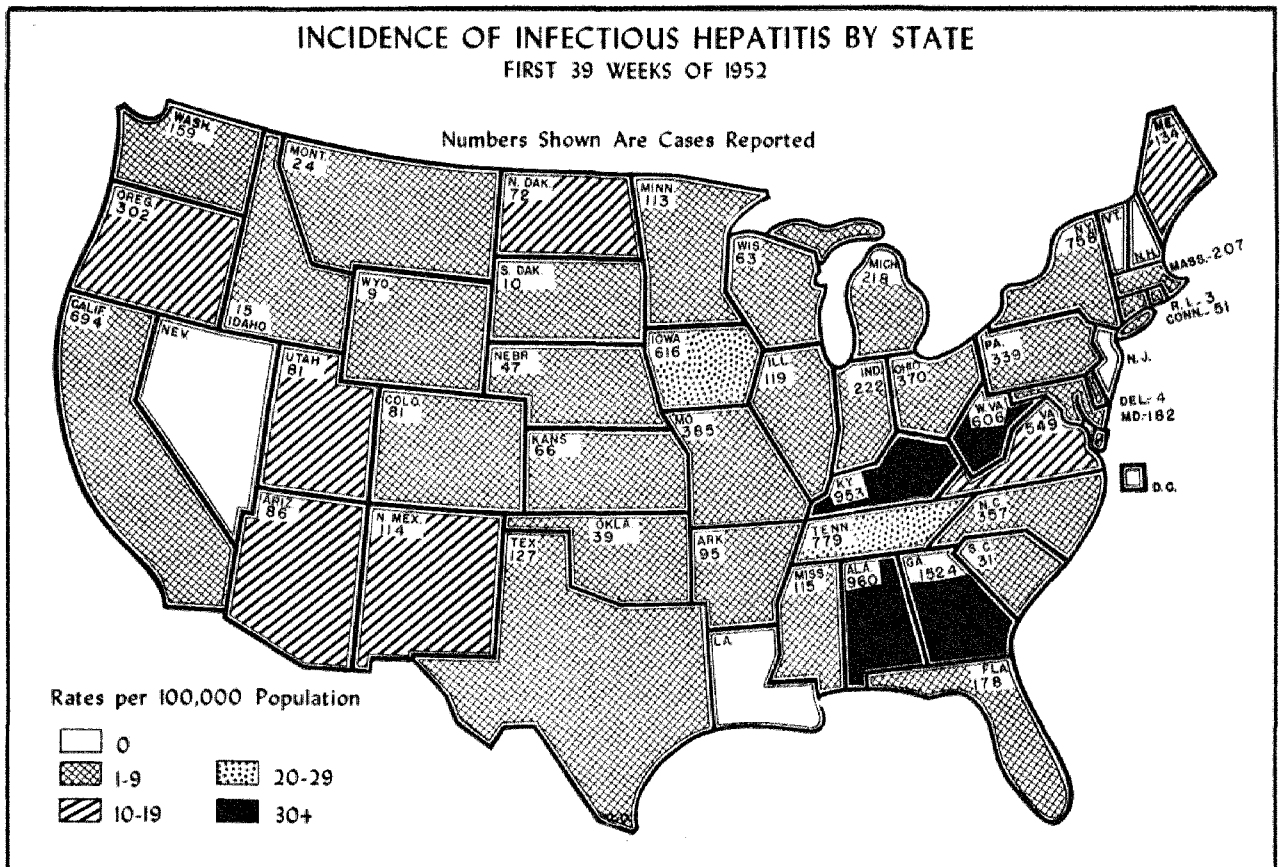
person spread of infection. In one instance handling of soiled linen used by infectious hospital patients appears to have been the means of transmitting infection.

The incidence of poliomyelitis in the United States decreased for the second consecutive week. From 3,539 (corrected figure) cases reported last week the number decreased to 3,227 for the current week. For the corresponding weeks of 1949 and 1951 there were 1,813 and 1,272 cases, respectively, reported. Although the number for the current week is much larger than the 1949 figure, it is only 35 cases more than the number (3,192) reported for the second week after the peak was reached in 1949. The cumulative total for the "disease year", which began with the week ended April 5, is now 41,052 as compared with 33,703 and 20,477 for 1949 and 1951, respectively.

California reported 19 cases of infectious encephalitis this week bringing the total since the first of July to 674.

One case of tick borne relapsing fever was reported in

INCIDENCE OF INFECTIOUS HEPATITIS BY STATE
FIRST 39 WEEKS OF 1952



California. The source was in a known endemic recreational area.

EPIDEMIOLOGICAL REPORTS

Smallpox

Dr. G. D. C. Thompson, Montana State Board of Health, gives additional information on the case of smallpox reported in Troy on September 23. The case was in a 10-year old white female who had been feeling ill for 2 or 3 days but had attended school until Friday, September 19. Sunday her face broke out with a papular rash and later extended to the arms and chest. Some rash appeared on the abdomen and on the legs. On Tuesday it was noted that the individual lesions were rounded and had indurated and infiltrated bases and the centers seemed to be translucent. There were no posterior or anterior cervical nodes, no vesicles, no Koplick's spots, and no catarrhal symptoms. The lesions of the patient, although few in number, were typical

as they advanced through the vesicular, puscular stage. The father of the child, who was previously vaccinated, has had a vaccinia reaction of his vaccination. An extensive vaccination program was initiated among contacts and to date no new cases have developed.

Typhoid fever

Dr. R. M. Albrecht, New York State Department of Health, reports an outbreak of typhoid fever in Rensselaer County. Seven persons became ill 16 to 22 days after drinking water from a well, which was polluted when the sewer in a carrier's house was blocked. The overflow contaminated the well. The number of persons using water from the well was not stated. An investigation was made by Dr. Coughlin, County Health Officer, who found the incriminating organism to be typhoid—bacteriophage type D1.

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. 4, 1952	Oct. 6, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	-	-	(1)	(1)	(1)	(1)	26	47	41
Brucellosis (undulant fever)---044	24	---	---	(1)	(1)	(1)	(1)	1,665	---	---
Diphtheria-----055	104	131	228	July 1	651	881	1,810	2,097	2,851	5,495
Encephalitis, acute infectious---082	47	21	21	(1)	(1)	(1)	(1)	1,620	817	613
Hepatitis, infectious, and serum-----092,N998.5 pt.	223	---	---	(1)	(1)	(1)	(1)	² 12,091	---	---
Malaria-----110-117	146	259	---	(1)	(1)	(1)	(1)	6,985	---	---
Measles-----085	665	1,192	663	Sept. 1	3,125	4,623	2,908	653,849	473,533	473,533
Meningococcal infections-----057	62	45	45	Sept. 1	274	242	235	3,870	3,212	2,776
Polioomyelitis, acute-----080	3,227	1,272	1,272	Apr. 1	³ 41,052	20,477	20,477	³ 42,372	21,775	21,775
Rocky Mountain spotted fever---104A	4	5	5	(1)	(1)	(1)	(1)	298	303	501
Scarlet fever and streptococcal sore throat-----050,051	1,105	525	721	Aug. 1	7,368	2,965	3,333	84,782	56,096	59,195
Trichiniasis-----128	18	---	---	(1)	(1)	(1)	(1)	295	---	---
Tularemia-----059	10	12	11	(1)	(1)	(1)	(1)	508	524	776
Typhoid fever-----040	52	50	65	Apr. 1	1,575	1,337	1,878	1,974	1,729	2,296
Typhus fever, endemic-----101	6	---	---	Apr. 1	111	---	---	141	---	---
Whooping cough-----056	670	851	1,520	Oct. 1	670	851	1,520	37,330	54,626	63,694
Rabies in animals-----	116	118	---	(1)	(1)	(1)	(1)	6,188	5,534	---

¹Not computed.

²Addition: Mississippi, week ended September 27, 10 cases. Deduction: District of Columbia, week ended February 16, 1 case.

³Addition: Connecticut, week ended September 27, 1 case. Deduction: August cases, 2.

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

Alaska: Measles, 1 (-); poliomyelitis, - (4); scarlet fever, 1 (-); whooping cough, 2 (-).

Hawaii: Measles, 3 (103); poliomyelitis, 3 (2); whooping cough, - (1).

Puerto Rico: Diphtheria, 5 (8); measles, 31 (9); poliomyelitis, - (4); typhoid fever, - (1); whooping cough, 16 (6); malaria, 4; rabies in animals, 2.

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.

Weekly Morbidity Report

**Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED OCTOBER 4, 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. 4, 1952	Oct. 6, 1951	Oct. 4, 1952	Oct. 6, 1951	Oct. 4, 1952	Oct. 6, 1951	Oct. 4, 1952	Oct. 6, 1951	Oct. 4, 1952	Oct. 6, 1951	Oct. 4, 1952	Oct. 6, 1951
UNITED STATES-----	104	131	665	1,192	62	45	3,227	1,272	1,105	525	52	50
NEW ENGLAND-----	-	-	35	138	3	4	74	44	56	26	4	-
Maine-----	-	-	17	28	2	-	10	4	5	2	-	-
New Hampshire-----	-	-	1	3	-	-	2	1	3	-	-	-
Vermont-----	-	-	3	30	-	-	6	-	2	-	-	-
Massachusetts-----	-	-	11	56	1	3	25	14	20	19	3	-
Rhode Island-----	-	-	-	13	-	-	8	2	8	4	-	-
Connecticut-----	-	-	3	8	-	1	23	23	18	1	1	-
MIDDLE ATLANTIC-----	7	7	99	319	7	3	304	141	89	76	11	5
New York-----	1	6	28	199	3	2	145	72	39	38	3	3
New Jersey-----	1	-	5	43	1	-	39	20	18	9	5	-
Pennsylvania-----	5	1	66	77	3	1	120	49	32	29	3	2
EAST NORTH CENTRAL-----	2	6	152	272	7	4	966	343	188	141	7	8
Ohio-----	2	-	23	76	1	2	195	69	80	40	3	5
Indiana-----	-	3	1	11	1	-	108	17	15	9	1	1
Illinois-----	-	2	13	61	1	2	249	87	33	27	-	2
Michigan-----	-	1	37	73	3	-	252	68	34	47	3	-
Wisconsin-----	-	-	78	51	1	-	162	102	26	18	-	-
WEST NORTH CENTRAL-----	3	4	64	43	3	6	970	176	43	23	5	6
Minnesota-----	2	-	6	4	2	3	321	34	8	2	-	1
Iowa-----	-	1	1	4	-	2	255	17	8	5	2	1
Missouri-----	1	-	5	-	1	-	81	51	3	7	3	4
North Dakota-----	-	-	6	22	-	-	20	6	12	1	-	-
South Dakota-----	-	-	36	5	-	-	49	8	1	-	-	-
Nebraska-----	-	-	5	5	-	1	115	21	2	2	-	-
Kansas-----	-	3	5	3	-	-	129	39	9	6	-	-
SOUTH ATLANTIC-----	55	61	33	68	14	12	207	71	163	78	4	7
Delaware-----	-	-	-	-	-	-	12	-	4	1	-	-
Maryland-----	1	1	7	30	2	2	26	5	8	13	1	-
District of Columbia-----	1	-	1	2	1	-	2	3	2	5	-	-
Virginia-----	13	9	7	14	3	2	35	13	77	10	-	-
West Virginia-----	-	2	5	4	2	2	42	16	16	6	1	2
North Carolina-----	13	30	1	3	3	1	15	11	31	30	1	1
South Carolina-----	14	7	5	1	-	-	13	3	5	4	-	1
Georgia-----	3	6	3	13	2	5	38	16	13	8	1	1
Florida-----	10	6	4	1	1	-	24	4	7	1	-	2
EAST SOUTH CENTRAL-----	19	32	19	38	14	5	138	93	44	48	6	9
Kentucky-----	1	5	-	22	3	2	71	17	11	13	5	3
Tennessee-----	2	6	11	1	5	1	36	31	16	29	1	3
Alabama-----	15	20	4	9	3	1	11	16	7	5	-	-
Mississippi-----	1	1	4	6	3	1	20	29	10	1	-	3
WEST SOUTH CENTRAL-----	16	17	62	64	8	2	155	107	264	17	12	7
Arkansas-----	4	2	-	30	-	-	16	9	21	5	4	-
Louisiana-----	1	3	3	2	-	-	26	7	4	2	1	-
Oklahoma-----	1	6	3	-	1	-	30	16	5	5	1	-
Texas-----	10	6	56	32	7	2	83	55	234	5	6	7
MOUNTAIN-----	2	1	62	120	-	4	171	114	164	15	2	3
Montana-----	2	-	3	83	-	1	13	7	11	6	-	-
Idaho-----	-	-	5	9	-	-	13	1	4	3	-	-
Wyoming-----	-	-	1	-	-	1	4	13	19	-	-	-
Colorado-----	-	-	18	5	-	-	49	44	5	2	1	-
New Mexico-----	-	-	1	2	-	1	22	5	4	1	-	2
Arizona-----	-	-	14	9	-	-	27	8	115	-	1	1
Utah-----	-	1	20	12	-	1	37	34	4	3	-	-
Nevada-----	-	-	-	-	-	-	6	2	2	-	-	-
PACIFIC-----	-	3	139	130	6	5	242	183	94	101	1	5
Washington-----	-	1	34	24	1	1	59	18	9	9	-	3
Oregon-----	-	-	14	14	1	-	30	20	10	6	-	-
California-----	-	2	91	92	4	4	153	145	75	86	1	2

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED OCTOBER 4, 1952—Continued

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

AREA	WHOOPIING COUGH (056)		Botulism (093.1)	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)	Typhemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Oct. 4, 1952	Oct. 6, 1951											
UNITED STATES-----	670	851	-	24	47	223	146	4	-	18	10	6	116
NEW ENGLAND-----	45	71	-	1	-	13	1	-	-	2	-	-	-
Maine-----	1	2	-	-	-	5	-	-	-	-	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	1	2	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	33	53	-	-	-	6	1	-	-	-	-	-	-
Rhode Island-----	3	-	-	-	-	-	-	-	-	2	-	-	-
Connecticut-----	7	13	-	1	-	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	178	161	-	4	3	37	9	-	-	1	-	1	12
New York-----	61	67	-	4	3	31	1	-	-	1	-	1	10
New Jersey-----	32	34	-	-	-	-	2	-	-	1	-	-	-
Pennsylvania-----	85	60	-	-	-	6	6	-	-	-	-	-	2
EAST NORTH CENTRAL----	113	148	-	12	2	14	13	1	-	9	1	-	5
Ohio-----	33	30	-	-	-	6	1	-	-	8	-	-	2
Indiana-----	3	7	-	1	-	-	-	-	-	-	-	-	-
Illinois-----	9	43	-	9	-	4	1	1	-	-	1	-	1
Michigan-----	40	68	-	1	1	2	-	-	-	1	-	-	2
Wisconsin-----	28	-	-	1	1	2	11	-	-	-	-	-	-
WEST NORTH CENTRAL----	15	39	-	4	11	14	27	-	-	2	1	-	10
Minnesota-----	2	10	-	2	2	2	14	-	-	-	1	-	3
Iowa-----	4	2	-	-	-	10	7	-	-	-	-	-	-
Missouri-----	3	13	-	-	-	-	6	-	-	-	-	-	3
North Dakota-----	2	3	-	-	6	2	-	-	-	2	-	-	2
South Dakota-----	-	2	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	1	1	-	-	1	-	-	-	-	-	-	-	2
Kansas-----	3	8	-	2	1	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	46	91	-	-	4	59	21	3	-	2	1	-	18
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	7	-	-	1	3	1	-	-	2	-	-	-
District of Columbia----	-	8	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	4	16	-	-	-	16	9	1	-	-	-	-	6
West Virginia-----	16	17	-	-	-	13	-	-	-	-	-	-	1
North Carolina-----	13	18	-	-	-	10	-	2	-	-	-	-	-
South Carolina-----	2	-	-	-	-	2	1	-	-	-	-	-	4
Georgia-----	3	21	-	-	2	12	10	-	-	-	1	-	7
Florida-----	6	4	-	-	1	3	-	-	-	-	-	-	-
EAST SOUTH CENTRAL----	23	63	-	2	1	42	24	-	-	-	1	-	25
Kentucky-----	15	30	-	-	-	4	19	-	-	-	-	-	13
Tennessee-----	4	19	-	1	1	8	3	-	-	-	-	-	2
Alabama-----	-	9	-	1	-	27	-	-	-	*	1	-	8
Mississippi-----	4	5	-	-	-	3	2	-	-	-	-	-	2
WEST SOUTH CENTRAL----	89	169	-	1	5	15	37	-	-	-	3	5	44
Arkansas-----	21	9	-	-	-	-	-	-	-	-	1	-	4
Louisiana-----	-	2	-	-	1	-	21	-	-	-	-	-	-
Oklahoma-----	7	5	-	-	1	4	1	-	-	-	-	-	-
Texas-----	61	173	-	1	3	11	15	-	-	*	2	5	40
MOUNTAIN-----	51	32	-	-	2	4	3	-	-	2	2	-	2
Montana-----	3	3	-	-	2	-	-	-	-	-	-	-	-
Idaho-----	4	2	-	-	-	-	2	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	3	1	-	-	-	1	-	-
Colorado-----	6	11	-	-	-	1	-	-	-	2	-	-	-
New Mexico-----	2	-	-	-	-	-	-	-	-	-	1	-	-
Arizona-----	24	12	-	-	-	-	-	-	-	-	-	-	2
Utah-----	12	4	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	110	57	-	-	19	25	11	-	-	-	1	-	-
Washington-----	1	7	-	-	-	-	-	-	-	-	1	-	-
Oregon-----	11	2	-	-	-	12	-	-	-	-	-	-	-
California-----	98	48	-	-	19	13	11	-	-	-	-	-	-

Weekly Morbidity Report

**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
OCTOBER 4, 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 (092)	Hepatitis, infectious, and serum (092, N999.5 pt.)	Measles (085)	Meningococcal infections (057)	Polymyositis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Typhalaria (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
TOTAL: 100 cities--	-	29	6	47	119	24	793	-	181	7	-	13	2	221	11
NEW ENGLAND															
Boston-----					2	1	9		7	1		1		9	
Bridgeport-----							2								
Cambridge-----					1		1		1						
Fall River-----				1			1							1	
Hartford-----							2							2	
Lowell-----						1	2		2					2	
Lynn-----							1		1						
New Bedford-----							1		1						
New Haven-----							1								
Portland, Me.-----				1		1	4								
Providence-----							4		3	2					
Somerville-----							4								
Springfield, Mass.-----							2							1	
Waterbury-----															
Worcester-----				4					3						
MIDDLE ATLANTIC															
Albany-----														1	
Buffalo-----					1		7					1		2	
Camden-----														1	
Elizabeth-----															
Erie-----									3						
Jersey City-----							2		1						
Newark, N. J.-----							2		2					7	
New York City-----		1	3	5	13	1	50		6			2		1	36
Paterson-----															
Philadelphia-----		3		3	3		7		2					52	
Pittsburgh-----					3		19		5			1		13	
Reading-----							3		1					1	
Rochester, N. Y.-----							3		3						
Schenectady-----															
Syracuse-----							4		1						
Trenton-----						1									
Utica-----															
Yonkers-----															
EAST NORTH CENTRAL															
Akron-----															
Canton-----				1					1						
Chicago-----					10		74		20					6	
Cincinnati-----															
Cleveland-----				4		1	60		6					4	
Columbus-----				1	1		1		3					1	
Dayton-----															
Detroit-----		5		1		1	45		10					12	
Evansville-----							9		1						
Flint-----							7							1	
Fort Wayne-----		1					13								
Grand Rapids-----					1		13		2						
Indianapolis-----				1			9		2						
Milwaukee-----					1		12		4					6	
Peoria-----						1	16		2						
South Bend-----							21							3	
Toledo-----															
Youngstown-----							1							1	
WEST NORTH CENTRAL															
Des Moines-----				6			18		3					3	
Duluth-----							13								
Kansas City, Kans.-----															
Kansas City, Mo.-----				1	5		21		1						
Minneapolis-----					6	1	49		3					1	
Omaha-----				12	3		16								
St. Louis-----					2		20		1					5	1
St. Paul-----						1	39								
Wichita-----							11		1					2	

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

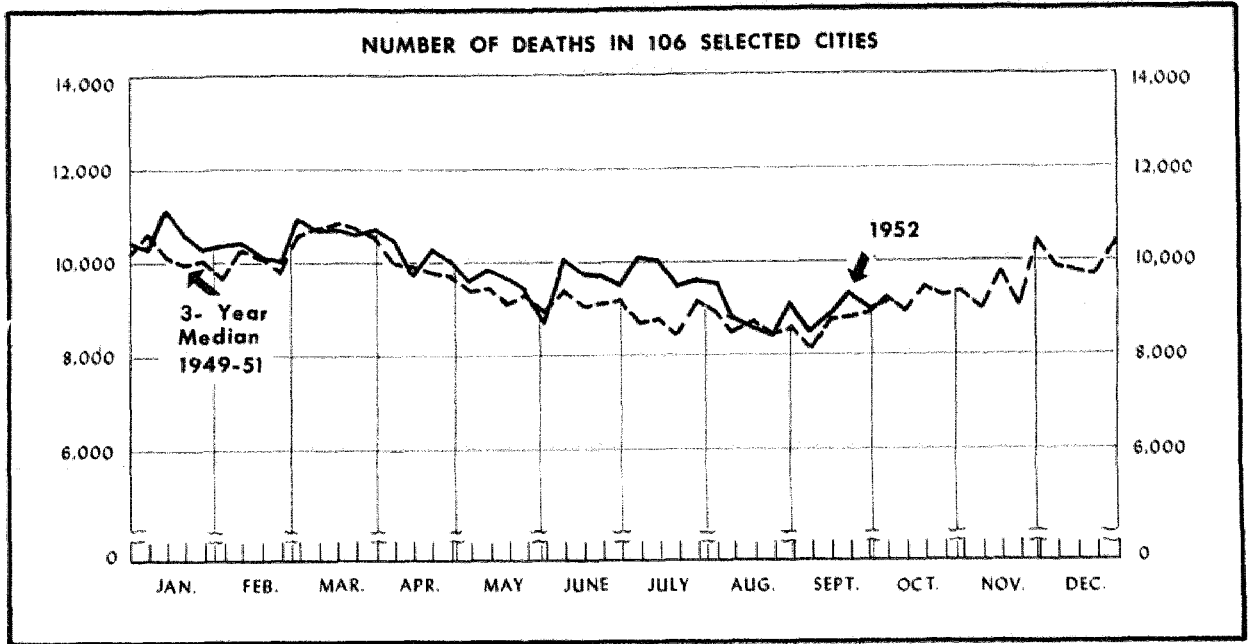
OCTOBER 4, 1952—Continued

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

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (062)	Hepatitis, infectious, and serum (092, N998, S pt.)	Measles (065)	Meningococcal infections (057)	Poliovirus, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050, 051)	Trichiniasis (129)	Tularemia (059)	Typhoid fever (040)	Typhus fever endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----															
Baltimore-----		1		1		1	4		3			1			
Charleston, S. C.-----									1	2					
Charleston, W. Va.-----															
Charlotte-----					4										
Miami-----							3								
Norfolk-----							3		1						
Richmond-----							3								
Savannah-----			1				5								
Tampa-----															
Washington, D. C.-----		1			1	1	2		2						
Wilmington, Del.-----							1		3						
EAST SOUTH CENTRAL															
Birmingham-----		2				1	5						1		2
Chattanooga-----		2					2		1						
Knoxville-----		1		1		1	7								2
Louisville-----							38		2						
Memphis-----				2	9	1	6							1	
Mobile-----		7		1		1	2								
Montgomery-----		1		1	1										
Nashville-----															
WEST SOUTH CENTRAL															
Dallas-----		1			1		3		1						2
El Paso-----					4		6		1						
Fort Worth-----						1	2								
Galveston-----							1								
Houston-----		2					6								
Little Rock-----															
New Orleans-----						1	4					5			
Oklahoma City-----				1			2								
San Antonio-----							2								4
Shreveport-----															
Tulsa-----			1		1		1							4	
MOUNTAIN															
Albuquerque-----						1	3								
Boise City-----															
Colorado Springs-----							2								
Denver-----							13		4	2				1	
Ogden-----															
Phoenix-----					1		2		18						
Pueblo-----															
Salt Lake City-----							1								
Tucson-----					4		4		11					12	
PACIFIC															
Long Beach-----					10		4		1					2	
Los Angeles-----				4	3		24		7					11	
Oakland-----															
Portland, Oreg.-----					1		3		5						
Sacramento-----					3		1		5					8	
San Diego-----					4	1	5							2	
San Francisco-----					3	1	10		11					7	
Seattle-----			1		7		4		1						
Spokane-----					5	1	8		1						
Tacoma-----							2								
Honolulu-----	(-)	(-)	(-)	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

Corrections: Columbus, Ohio, week ended September 27, should be typhoid fever, 1, typhus fever, endemic, 0; Washington, D. C., week ended February 16, hepatitis, infectious and serum, 0 instead of 1.

Provisional Statistics for Deaths in Selected Cities for Week Ended
October 4, 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	40th week ended Oct. 4, 1952	39th week ended Sept. 27, 1952	40th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 40 WEEKS		
					1952	1951	Percentage difference
TOTAL: 105 REPORTING CITIES-----	9,167	8,981	9,268	-1.1	392,141	386,503	+1.5
New England----- (14 cities)	616	559	652	-5.5	26,254	26,689	-1.6
Middle Atlantic----- (17 cities)	2,733	2,544	2,962	-7.7	117,530	115,860	+1.4
East North Central----- (18 cities)	2,090	1,946	2,078	+0.6	85,392	85,045	+0.4
West North Central----- (9 cities)	651	671	665	-2.1	29,240	28,410	+2.9
South Atlantic----- (9 cities)	690	743	681	+1.3	30,724	28,782	+6.7
East South Central----- (7 cities)	387	418	359	+7.8	16,958	16,759	+1.2
West South Central----- (13 cities)	634	627	672	-5.7	29,385	29,724	-1.1
Mountain----- (8 cities)	203	210	174	+16.7	8,462	7,895	+7.2
Pacific----- (12 cities)	1,163	1,263	1,070	+8.7	48,196	47,339	+1.8

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED
OCTOBER 4, 1952

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

CITY	40th week ended	39th week ended	CUMULATIVE NUMBER FOR FIRST 40 WEEKS		CITY	40th week ended	39th week ended	CUMULATIVE NUMBER FOR FIRST 40 WEEKS	
	Oct. 4, 1952	Sept. 27, 1952	1952	1951		Oct. 4, 1952	Sept. 27, 1952	1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	215	187	8,770	8,964	St. Paul-----	49	59	2,401	2,516
Bridgeport-----	26	29	1,360	1,349	Wichita-----	36	42	1,573	1,572
Cambridge-----	27	19	1,174	1,216	SOUTH ATLANTIC				
Fall River-----	26	27	1,072	1,141	Atlanta-----	99	95	3,940	3,359
Hartford-----	43	37	1,770	1,687	Baltimore-----	213	192	9,327	8,725
Lowell-----	19	20	975	1,145	Charlotte-----	32	22	1,131	1,078
Lynn-----	23	12	858	851	Miami-----	54	62	2,152	2,006
New Bedford-----	24	16	916	972	Norfolk-----	20	38	1,228	1,215
New Haven-----	40	44	1,704	1,711	Richmond-----	68	60	2,687	2,514
Providence-----	63	59	2,469	2,500	Tampa-----	51	54	2,166	1,996
Somerville-----	21	6	631	661	Washington, D. C.-----	121	197	6,819	6,647
Springfield, Mass.-----	30	31	1,478	1,464	Wilmington, Del.-----	32	23	1,274	1,242
Waterbury-----	23	23	946	943	EAST SOUTH CENTRAL				
Worcester-----	36	49	2,103	2,085	Birmingham-----	64	71	2,767	2,906
MIDDLE ATLANTIC					Chattanooga-----	36	39	1,778	1,749
Albany-----	38	36	1,626	1,658	Knoxville-----	27	29	1,276	1,311
Buffalo-----	128	124	5,423	5,571	Louisville-----	101	107	3,964	3,713
Camden-----	32	33	1,427	1,348	Memphis-----	80	89	3,799	3,761
Elizabeth-----	23	26	1,169	1,111	Mobile-----	34	38	1,235	1,197
Eric-----	25	25	1,298	1,275	Montgomery-----	(24)	(20)	(1,048)	(1,030)
Jersey City-----	63	56	2,861	2,752	Nashville-----	45	45	2,139	2,122
Newark, N. J.-----	87	76	4,172	3,902	WEST SOUTH CENTRAL				
New York City-----	1,489	1,348	61,964	60,090	Austin-----	13	18	910	1,079
Paterson-----	31	33	1,469	1,443	Baton Rouge-----	15	21	625	694
Philadelphia-----	428	419	18,742	18,525	Corpus Christi-----	22	18	661	565
Pittsburgh-----	157	134	6,807	6,784	Dallas-----	69	66	3,520	3,507
Rochester, N. Y.-----	85	84	3,600	3,579	El Paso-----	18	23	1,072	1,134
Schenectady-----	16	22	905	875	Fort Worth-----	54	50	2,121	2,209
Syracuse-----	40	49	2,054	1,958	Houston-----	97	96	4,591	4,507
Tronton-----	50	37	1,748	1,679	Little Rock-----	25	37	1,791	1,752
Utica-----	16	21	1,124	1,267	New Orleans-----	133	129	6,001	6,071
Yonkers-----	25	21	1,121	1,043	Oklahoma City-----	39	48	2,063	2,087
EAST NORTH CENTRAL					San Antonio-----	54	58	2,955	3,175
Akron-----	52	51	2,194	1,965	Shreveport-----	34	35	1,506	1,552
Canton-----	28	28	1,115	1,123	Tulsa-----	61	28	1,569	1,472
Chicago-----	634	662	28,055	28,522	MOUNTAIN				
Cincinnati-----	117	129	5,570	5,683	Albuquerque-----	23	24	1,012	1,037
Cleveland-----	219	185	8,167	8,026	Colorado Springs-----	---	(18)	---	(482)
Columbus-----	106	79	3,943	3,811	Denver-----	81	95	4,011	3,828
Dayton-----	53	51	2,344	2,281	Ogden-----	14	13	506	436
Detroit-----	354	273	12,130	12,319	Phoenix-----	21	16	820	712
Evansville-----	38	26	1,347	1,202	Pueblo-----	16	20	468	400
Flint-----	28	28	1,340	1,236	Salt Lake City-----	48	42	1,625	1,482
Fort Wayne-----	29	24	1,175	1,241	Tucson-----	(1)	(3)	(190)	(212)
Grand Rapids-----	27	48	1,445	1,478	PACIFIC				
Indianapolis-----	110	86	4,374	4,278	Berkeley-----	15	20	736	693
Milwaukee-----	123	102	4,725	4,464	Long Beach-----	43	47	1,815	1,715
Peoria-----	21	27	1,179	1,163	Los Angeles-----	416	584	17,246	16,932
South Bend-----	26	18	933	972	Oakland-----	76	73	3,813	3,624
Toledo-----	78	81	3,474	3,585	Pasadena-----	23	33	1,273	1,219
Youngstown-----	47	48	1,682	1,698	Portland, Oreg.-----	75	113	3,803	3,861
WEST NORTH CENTRAL					Sacramento-----	53	40	1,826	1,717
Des Moines-----	54	51	1,955	1,842	San Diego-----	53	76	2,811	2,532
Duluth-----	33	31	1,025	1,002	San Francisco-----	183	123	7,490	7,612
Kansas City, Kans.-----	20	37	1,371	1,421	Seattle-----	125	90	4,389	4,430
Kansas City, Mo.-----	108	92	4,431	4,323	Spokane-----	57	39	1,649	1,645
Minneapolis-----	120	100	4,540	4,416	Tacoma-----	44	25	1,345	1,359
Omaha-----	55	64	2,523	2,271	Honolulu-----	(30)	(24)	(1,287)	(1,212)
St. Louis-----	198	195	9,421	9,047					

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