

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

Vol. 1, No. 45

Washington 25, D. C.

November 17, 1952

Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended November 8, 1952

The incidence of scarlet fever and streptococcal sore throat has been increasing continuously for the past few weeks. The number (1,912) of reported cases for the current week is 22 percent larger than the 1,564 cases for last week. Large numbers of cases were reported in Texas (464), Arizona (129), and California (125). The cumulative total for the "disease year," which began with the week ended August 9, is 14,595 cases. The corresponding figure for last year is not available since only scarlet fever cases were reported.

A total of 1,359 cases of measles was reported for the current week. For the previous 2 weeks 1,107 and 1,420 cases, respectively, were reported. For the corresponding week in 1951 there were 2,276 cases.

For the current week, 1,275 cases of poliomyelitis were reported as compared with 890 and 625 for the corresponding weeks of 1950 and 1951, respectively. California, with 167 cases, and Minnesota, with 116, were the only States reporting more than a hundred cases. The cumulative total for the "disease year," which began with the week ended April 5, is now 51,556.

There were 12 cases of poliomyelitis reported in Alaska. This brings the total for the calendar year to 40 cases as compared with 34 for the same period last year.

In California, only 5 cases of infectious encephalitis were reported for the current week. This may be compared with 15 for last week and a high of 125 for the week ended August 23. Since the first of July several changes in the weekly reports have been made, and the total to date is now 727 cases.

Three cases of anthrax were reported for the current week, 1 in Pennsylvania, and 2 in Texas. One case of psittacosis was reported by Minnesota.

EPIDEMIOLOGICAL REPORTS

Botulism

Dr. W. L. Halverson, Director, California Department of Public Health, reports 2 cases of botulism in a husband and wife, who are now recovering. The suspected source was home canned string beans, none of which were available for laboratory examination.

Rabies in man

Dr. G. R. Jones, Kentucky State Department of Health, has given information on a case of human rabies in a 39-year-old woman. During the first week of August the patient was bitten on the left hand by her pet dog, but she paid no attention to it. The next day the dog killed several chickens, and this abnormal behavior did not suggest to her the possibility of rabies. The dog was destroyed and no examination of the brain was performed. Since no thought of rabies occurred to the patient, no treatment was given. About 90 days after the patient was bitten, she developed a pain in the left hand, left shoulder, and the head. She experienced a sense of apprehension, and later she developed a beginning of paralysis in muscles of deglutination, resulting in a spasm while drinking. This was followed by convulsions and respiratory paralysis. The patient died and was already embalmed before the request for a post mortem was received, and thus no autopsy was performed.

Anthrax in man

Dr. W. A. Longshore, California Department of Public Health, reports a case of human anthrax in a sheep herder in Merced County. Laboratory examination of a sputum smear revealed the presence of *B. Anthracis*. It was stated that the patient had assisted in sorting a large number of sheep in a very dusty corral. This corral was located in a reportedly anthrax area. However, there was no history of deaths among this herd of sheep at or near the time the human case occurred. It was noted that during August several sheep died in this locality, but no diagnosis was made.

Trichiniasis

Dr. F. H. Wentworth, Ohio Department of Health, reports that 8 cases of trichiniasis have occurred up to October 4. Four of these cases were in 1 family--the father, mother, and 2 sons. The mother had typical symptoms of trichiniasis with headache, fever, malaise, muscle tenderness, and periorbital edema. She was severely ill for 4 weeks. The other members of the family had an eosinophilia ranging from 18 to 36 percent. The flocculation test for trichiniasis was performed on 1 blood sample from each patient and was positive in concentrations of 1:8 to 1:1024. Skin tests were negative for all 4. Sausage which was consumed by the family was examined and found to contain trichinella. The other 4 cases were in 4 separate areas of the State and do not appear to be associated.

Plague infection

Mr. F. M. Prince, Chief, San Francisco Field Section of the Public Health Service, reports that the following specimen obtained in Lincoln County, Washington, has been proven positive for plague:

Specimen No. WB-38 consisting of 144 fleas, (*Megabothris clantoni*, *Thraxsis g. johnsoni*, *Meringis shannoni*, *Catallagia declipiens*) from 43 sagebrush voles (*Lagurus curtatus*) which were trapped on October 14, 1952, 9.6 miles south of State highway 4B, and 5 miles east on County road of Wilbur.

Typhoid fever

Dr. W. L. Halverson has reported 3 cases of typhoid fever in 3 different areas in California. The sources of these cases were probably in the Republic of Mexico. One case was in a child, age 12, who had visited relatives in Mexico during July and August. He was ill while there but was treated only with home remedies. After his return home he was taken to the family physician who diagnosed the illness as typhoid fever. *S. typhosa*, phage type B2 was recovered from stool specimen. The second case was in a student who had been camping on a ranch in Lower California during approximately the same time as the first patient in Mexico. However, there was no connection between the 2 cases. Most of the time the student cooked his own meals and claims to have used bottled water and pasteurized milk. Insanitary conditions prevailed on the ranch. On several occasions the patient ate meals at about 4 different private homes. *S. typhosa* was isolated from stool specimens. The third case was in a Mexican housewife who had been visiting in Mexico. Detailed information on this case was not available but the probable source of infection was given as water.

Weekly Morbidity Report

Gastro-enteritis

Dr. R. M. Albrecht, New York State Department of Health, reports an outbreak of gastro-enteritis among 380 persons who ate the afternoon and evening meals at a cafeteria. Twenty-five

persons became ill from 9 to 12 hours after eating chow mein, which was the only food consumed by all in this group. There was no information available on the preparation of the food, and no food was available for laboratory examination.

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
	Nov. 8, 1952 ¹	Nov. 10, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	23	4	1	(³)	(³)	(³)	(³)	33	50	45
Brucellosis (undulant fever)----044	27	---	---	(³)	(³)	(³)	(³)	1,867	---	---
Diphtheria-----055	67	125	238	July 1	1,097	1,513	2,999	2,543	3,483	6,684
Encephalitis, acute infectious---082	19	13	13	(³)	(³)	(³)	(³)	1,801	915	687
Hepatitis, infectious, and serum-----092,N998.5 pt.	382	---	---	(³)	(³)	(³)	(³)	413,746	---	---
Malaria-----110-117	67	179	---	(³)	(³)	(³)	(³)	7,420	---	---
Measles-----085	1,359	2,276	1,661	Sept. 1	8,504	13,697	8,811	659,228	482,571	482,571
Meningococcal infections-----057	64	59	58	Sept. 1	617	584	546	4,213	3,554	3,021
Poliomyelitis, acute-----080	1,275	625	669	Apr. 1	⁵ 51,556	24,893	24,893	⁵ 52,876	26,191	26,191
Rocky Mountain spotted fever---104A	1	4	2	(³)	(³)	(³)	(³)	306	324	512
Scarlet fever and streptococcal sore throat-----050,051	1,912	900	1,003	Aug. 1	14,595	6,874	7,816	91,989	60,005	65,237
Trichiniasis-----128	6	---	---	(³)	(³)	(³)	(³)	322	---	---
Tularemia-----059	6	9	8	(³)	(³)	(³)	(³)	562	567	831
Typhoid fever-----040	31	38	42	Apr. 1	1,794	1,564	2,144	2,193	1,956	2,611
Typhus fever, endemic-----101	3	---	---	Apr. 1	126	---	---	156	---	---
Whooping cough-----056	546	1,141	1,504	Oct. 1	3,666	6,149	8,657	40,326	59,924	67,312
Rabies in animals-----	109	157	---	(³)	(³)	(³)	(³)	6,736	6,162	---

¹Rabies in man: Kentucky, 1 case.²Pennsylvania, 1 case; Texas, 2 cases.³Not computed.⁴Deduction: Mississippi, week ended November 1, 1 case.⁵Addition: Georgia, week ended October 25, 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, 49 (-); measles, 1 (-); poliomyelitis, 12 (-); scarlet fever, 2 (-); whooping cough, 7 (-).

Hawaii: Measles, 1 (611); poliomyelitis, 1 (1); scarlet fever, 2 (1); hepatitis, infectious, and serum, 1.

Puerto Rico: Diphtheria, 3 (8); measles, 20 (26); poliomyelitis, 3 (3); typhoid fever, - (2); whooping cough, 1 (13); 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 NOVEMBER 8, 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	
	Nov. 8, 1952	Nov. 10, 1951	Nov. 8, 1952	Nov. 10, 1951	Nov. 8, 1952	Nov. 10, 1951	Nov. 8, 1952	Nov. 10, 1951	Nov. 8, 1952	Nov. 10, 1951	Nov. 8, 1952	Nov. 10, 1951
UNITED STATES-----	67	125	1,359	2,276	64	59	1,275	625	1,912	900	31	38
NEW ENGLAND-----	-	-	53	262	5	5	35	13	138	38	-	1
Maine-----	-	-	14	17	2	-	2	1	13	3	-	-
New Hampshire-----	-	-	1	6	-	-	2	-	9	2	-	-
Vermont-----	-	-	4	1	-	-	5	-	2	-	-	-
Massachusetts-----	-	-	27	97	2	2	9	4	55	29	-	-
Rhode Island-----	-	-	1	59	1	2	6	1	9	1	-	-
Connecticut-----	-	-	6	82	-	1	11	7	50	3	-	1
MIDDLE ATLANTIC-----	4	4	131	614	7	12	96	52	149	160	3	6
New York-----	1	3	77	342	2	7	50	27	94	72	2	2
New Jersey-----	-	-	23	130	4	-	19	4	12	10	-	-
Pennsylvania-----	3	1	31	342	1	5	27	21	43	78	1	4
EAST NORTH CENTRAL-----	1	13	393	407	10	10	336	114	310	209	4	3
Ohio-----	1	1	51	69	1	5	50	12	92	48	1	-
Indiana-----	-	8	5	24	1	-	43	10	24	37	-	1
Illinois-----	-	-	30	121	4	2	95	27	74	31	1	-
Michigan-----	-	3	52	147	3	1	91	36	79	67	2	2
Wisconsin-----	-	1	255	46	1	2	57	29	41	26	-	-
WEST NORTH CENTRAL-----	2	12	215	50	7	3	322	71	86	61	2	8
Minnesota-----	1	6	105	22	1	-	116	13	28	7	-	-
Iowa-----	-	1	23	1	1	1	50	10	9	12	1	2
Missouri-----	1	5	23	6	3	1	47	20	4	22	1	6
North Dakota-----	-	-	8	5	-	-	16	1	13	1	-	-
South Dakota-----	-	-	31	2	1	-	29	1	5	-	-	-
Nebraska-----	-	-	7	5	-	1	34	8	8	-	-	-
Kansas-----	-	-	18	9	1	-	30	18	19	19	-	-
SOUTH ATLANTIC-----	25	48	83	268	13	7	65	30	209	131	4	6
Delaware-----	-	-	-	-	-	-	2	1	2	3	1	-
Maryland-----	1	2	7	117	-	1	5	-	11	15	-	3
District of Columbia-----	-	-	2	8	-	-	-	1	7	14	-	-
Virginia-----	4	13	5	64	3	2	11	4	52	26	1	1
West Virginia-----	2	2	64	41	2	1	14	7	6	10	1	-
North Carolina-----	10	10	1	8	1	2	4	4	74	41	-	-
South Carolina-----	-	6	-	3	3	-	5	-	3	4	-	-
Georgia-----	6	13	3	13	2	1	6	7	23	13	1	2
Florida-----	2	2	1	14	2	-	18	6	31	5	-	-
EAST SOUTH CENTRAL-----	19	28	47	55	9	3	44	57	118	82	8	4
Kentucky-----	1	5	-	29	4	1	24	15	51	26	-	1
Tennessee-----	3	9	27	5	2	1	14	13	32	37	4	2
Alabama-----	15	13	17	10	2	-	3	11	19	16	1	-
Mississippi-----	-	1	3	11	1	1	3	18	16	3	3	1
WEST SOUTH CENTRAL-----	14	16	103	61	9	9	56	84	497	22	2	5
Arkansas-----	1	-	3	1	2	3	8	6	23	3	-	1
Louisiana-----	2	-	-	1	1	1	4	22	4	1	-	-
Oklahoma-----	-	3	5	1	-	-	21	7	6	1	-	2
Texas-----	11	13	95	58	6	5	23	49	464	17	1	2
MOUNTAIN-----	1	3	119	116	2	2	93	60	244	27	7	5
Montana-----	-	-	27	24	-	-	7	1	11	7	-	1
Idaho-----	-	-	10	3	1	-	12	7	25	3	1	-
Wyoming-----	-	-	3	6	-	-	14	12	36	2	-	-
Colorado-----	1	1	45	23	1	1	11	11	17	4	3	-
New Mexico-----	-	1	4	6	-	-	1	8	2	-	-	-
Arizona-----	-	1	20	8	-	-	10	8	129	-	3	4
Utah-----	-	-	9	45	-	1	31	13	22	8	-	-
Nevada-----	-	-	1	1	-	-	7	-	2	1	-	-
PACIFIC-----	1	1	215	243	2	8	228	144	161	170	1	-
Washington-----	1	-	32	56	-	2	37	21	26	20	-	-
Oregon-----	-	-	45	42	1	-	24	17	10	27	-	-
California-----	-	1	138	145	1	6	167	106	125	123	1	-

Weekly Morbidity Report

Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED NOVEMBER 8, 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 (032, N996.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Typhus fever, endemic (101)	Typhus fever, epidemic (101)	Rabies in animals
	Week ended												
	Nov. 8, 1952	Nov. 10, 1951											
UNITED STATES-----	546	1,141	2	27	19	382	67	1	-	6	6	3	109
NEW ENGLAND-----	39	110	-	-	-	16	5	-	-	-	-	-	-
Maine-----	-	2	-	-	-	-	4	-	-	-	-	-	-
New Hampshire-----	-	9	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	8	19	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	27	64	-	-	-	10	5	-	-	-	-	-	-
Rhode Island-----	-	3	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	4	13	-	-	-	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	133	234	-	1	3	31	6	-	-	4	-	-	9
New York-----	42	77	-	-	3	27	-	-	-	4	-	-	8
New Jersey-----	30	80	-	1	-	-	3	-	-	-	-	-	-
Pennsylvania-----	61	77	-	-	-	4	3	-	-	-	-	-	1
EAST NORTH CENTRAL-----	86	190	-	7	3	22	4	-	-	-	2	-	10
Ohio-----	32	27	-	-	-	5	-	-	-	-	-	-	1
Indiana-----	1	23	-	-	-	2	-	-	-	-	-	-	2
Illinois-----	14	23	-	6	1	3	2	-	-	-	1	-	5
Michigan-----	18	64	-	-	2	3	-	-	-	-	-	-	2
Wisconsin-----	21	53	-	1	-	9	2	-	-	-	-	-	-
WEST NORTH CENTRAL-----	12	39	-	9	1	75	9	-	-	-	-	-	9
Minnesota-----	1	-	-	1	-	8	1	-	-	-	-	-	5
Iowa-----	5	7	-	5	-	13	3	-	-	-	-	-	2
Missouri-----	2	17	-	-	1	15	3	-	-	-	-	-	2
North Dakota-----	-	1	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	36	-	-	-	-	-	-	-
Kansas-----	4	14	-	3	-	3	2	-	-	-	-	-	-
SOUTH ATLANTIC-----	33	86	-	2	1	84	7	1	-	-	2	2	31
Delaware-----	2	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	8	13	-	-	-	5	-	-	-	-	-	-	-
District of Columbia-----	5	1	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	2	10	-	1	-	22	2	-	-	-	-	-	9
West Virginia-----	10	11	-	-	-	17	-	-	-	-	-	-	1
North Carolina-----	-	18	-	1	1	12	-	1	-	-	1	-	2
South Carolina-----	1	2	-	-	-	-	-	-	-	-	-	-	12
Georgia-----	2	19	-	-	-	24	2	-	-	-	1	-	7
Florida-----	3	12	-	-	-	4	3	-	-	-	-	2	-
EAST SOUTH CENTRAL-----	70	78	-	1	-	53	11	-	-	-	-	1	25
Kentucky-----	48	33	-	-	-	18	8	-	-	-	-	-	5
Tennessee-----	3	19	-	1	-	7	-	-	-	-	-	-	5
Alabama-----	11	23	-	-	-	13	-	-	-	*	-	-	10
Mississippi-----	8	3	-	-	-	15	3	-	-	*	-	1	5
WEST SOUTH CENTRAL-----	66	265	-	4	1	21	16	-	-	-	1	-	24
Arkansas-----	4	14	-	-	-	9	-	-	-	-	-	-	3
Louisiana-----	7	-	-	-	-	-	2	-	-	-	1	-	-
Oklahoma-----	5	16	-	1	-	4	-	-	-	-	-	-	-
Texas-----	50	235	-	3	1	8	14	-	-	*	-	-	21
MOUNTAIN-----	29	68	-	1	5	7	1	-	-	-	1	-	-
Montana-----	-	5	-	-	4	-	-	-	-	-	-	-	-
Idaho-----	1	3	-	-	-	1	-	-	-	-	1	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	5	10	-	-	1	3	-	-	-	-	-	-	-
New Mexico-----	4	27	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	19	19	-	1	-	-	1	-	-	-	-	-	-
Utah-----	-	4	-	-	-	3	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	78	71	2	2	5	73	8	-	-	2	-	-	1
Washington-----	1	2	-	-	-	3	-	-	-	-	-	-	-
Oregon-----	8	3	-	-	-	9	-	-	-	-	-	-	-
California-----	69	66	2	2	5	61	8	-	-	2	-	-	1

Weekly Morbidity Report

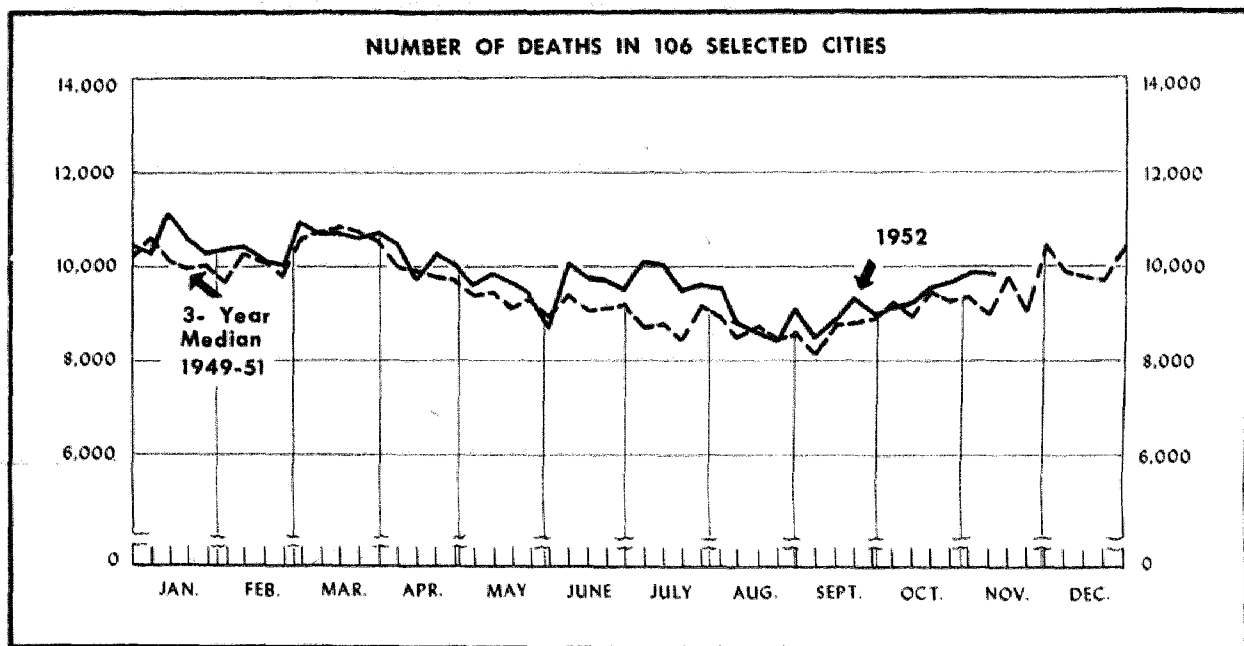
**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
NOVEMBER 8, 1952**

(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 (082)	Hepatitis, infectious, and serum (082, W998.5 pt.)	Measles (085)	Meningococcal infections (067)	Poliovmyelitis, 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:101 cities--	2	13	4	98	358	14	268	-	391	1	-	5	1	215	11
NEW ENGLAND															
Boston-----				1	1		5		9					7	
Bridgeport-----															
Cambridge-----					1				1						
Fall River-----															
Hartford-----															
Lowell-----									2						
Lynn-----															
New Bedford-----															
New Haven-----							1		2						
Portland, Me.-----				7					1						
Providence-----							3		6						
Somerville-----														3	
Springfield, Mass.-----					3									2	
Waterbury-----															
Worcester-----				4					21						
MIDDLE ATLANTIC															
Albany-----									2						
Buffalo-----				3	1		2		3						
Camden-----						1									
Elizabeth-----				1											
Erie-----			1						2						
Jersey City-----														1	
Newark, N. J.-----					4	1	1							11	
New York City-----			3	7	10	2	21		13	1		1		27	
Paterson-----					1		1								
Philadelphia-----	1			4	3		3		9					41	
Pittsburgh-----		1			1		12		6					5	
Reading-----							1								
Rochester, N. Y.-----									5						
Schenectady-----															
Syracuse-----					1		4		3						
Trenton-----					1		2								
Utica-----															
Yonkers-----					1		1								
EAST NORTH CENTRAL															
Akron-----					24		1		3					19	
Canton-----				1		1			1					4	
Chicago-----				2	19		22		39					6	
Cincinnati-----															
Cleveland-----				3			8		20					11	
Columbus-----					7		2		5						
Dayton-----							1		1						
Detroit-----					11	1	20		18					15	
Evansville-----							1		7						
Flint-----					4		2		5					1	
Fort Wayne-----							5								
Grand Rapids-----							3		4					1	
Indianapolis-----					2		3		4						
Milwaukee-----					28		1		17					12	
Peoria-----															
South Bend-----							1		1						
Toledo-----															
Youngstown-----					1				1						
WEST NORTH CENTRAL															
Des Moines-----	1			3		1	1		2						
Duluth-----							1		2					3	
Kansas City, Kans.-----															
Kansas City, Mo.-----		1		1	11		3		4						
Minneapolis-----		1		3	84	1	16		10						
Omsaha-----				36	5		1		2						
St. Louis-----					17		4		2						
St. Paul-----					2		13		5						
Wichita-----					17		2							1	

Anthrax: Philadelphia, 1 case.

Provisional Statistics for Deaths in Selected Cities for Week Ended
November 8, 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	45th week ended Nov. 8, 1952	44th week ended Nov. 1, 1952	45th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		
					1952	1951	Percentage difference
TOTAL: 105 REPORTING CITIES-----	9,826	9,864	9,019	+8.9	439,704	432,958	+1.6
New England----- (14 cities)	726	639	596	+21.8	29,515	30,014	-1.7
Middle Atlantic----- (17 cities)	2,975	2,974	2,702	+10.1	131,978	130,141	+1.4
East North Central----- (18 cities)	2,171	2,169	2,107	+3.0	96,161	95,406	+0.8
West North Central----- (9 cities)	726	723	679	+6.9	32,848	32,015	+2.6
South Atlantic----- (9 cities)	792	766	714	+10.9	34,524	32,408	+6.5
East South Central----- (7 cities)	349	425	373	-6.4	18,947	18,713	+1.3
West South Central----- (13 cities)	783	808	665	+17.7	33,104	33,074	+0.1
Mountain----- (6 cities)	207	203	187	+0.7	8,944	8,330	+7.4
Pacific----- (12 cities)	1,097	1,157	1,048	+4.7	53,683	52,857	+1.6

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

NOVEMBER 8, 1952

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

CITY	45th week ended Nov. 8, 1952	44th week ended Nov. 1, 1952	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		CITY	45th week ended Nov. 8, 1952	44th week ended Nov. 1, 1952	CUMULATIVE NUMBER FOR FIRST 45 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	260	220	9,960	10,077	St. Paul-----	65	55	2,722	2,829
Bridgeport-----	59	23	1,526	1,512	Wichita-----	41	39	1,783	1,765
Cambridge-----	36	29	1,321	1,353	SOUTH ATLANTIC				
Fall River-----	34	24	1,194	1,265	Atlanta-----	136	95	4,489	3,796
Hartford-----	49	49	1,990	1,918	Baltimore-----	243	226	10,423	9,807
Lowell-----	21	16	1,091	1,315	Charlotte-----	37	21	1,272	1,202
Lynn-----	28	20	953	960	Miami-----	47	35	2,396	2,242
New Bedford-----	15	24	1,019	1,091	Norfolk-----	35	30	1,406	1,351
New Haven-----	54	44	1,922	1,932	Richmond-----	61	92	2,998	2,828
Providence-----	80	65	2,795	2,782	Tampa-----	43	54	2,394	2,237
Somerville-----	13	18	711	743	Washington, D. C.-----	156	179	7,726	7,565
Springfield, Mass.-----	32	31	1,667	1,670	Wilmington, Del.-----	34	34	1,430	1,380
Waterbury-----	29	27	1,082	1,066	EAST SOUTH CENTRAL				
Worcester-----	40	49	2,264	2,330	Birmingham-----	70	73	3,136	3,230
MIDDLE ATLANTIC					Chattanooga-----	32	34	1,983	1,975
Albany-----	32	34	1,830	1,875	Knoxville-----	32	33	1,432	1,477
Buffalo-----	135	128	6,099	6,240	Louisville-----	71	129	4,438	4,138
Camden-----	41	35	1,607	1,521	Memphis-----	80	60	4,192	4,197
Elizabeth-----	16	35	1,276	1,207	Mobile-----	30	36	1,396	1,341
Eric-----	30	35	1,458	1,409	Montgomery-----	(30)	(18)	(1,192)	(1,136)
Jersey City-----	91	69	3,214	3,135	Nashville-----	34	61	2,370	2,355
Newark, N. J.-----	84	97	4,651	4,390	WEST SOUTH CENTRAL				
New York City-----	1,821	1,570	69,693	67,567	Austin-----	31	34	1,048	1,201
Paterson-----	43	40	1,688	1,620	Baton Rouge-----	14	25	727	694
Philadelphia-----	434	463	20,891	21,873	Corpus Christi-----	34	24	780	646
Pittsburgh-----	173	203	7,715	7,668	Dallas-----	96	93	3,959	3,878
Rochester, N. Y.-----	102	99	4,059	3,979	El Paso-----	17	22	1,178	1,293
Schenectady-----	24	29	1,015	1,001	Fort Worth-----	46	68	2,391	2,430
Syracuse-----	49	52	2,308	2,174	Houston-----	119	122	5,139	5,007
Trenton-----	31	48	1,959	1,894	Little Rock-----	36	37	2,001	1,957
Utica-----	27	25	1,254	1,417	New Orleans-----	150	152	6,744	6,767
Yonkers-----	42	23	1,261	1,161	Oklahoma City-----	50	60	2,322	2,331
EAST NORTH CENTRAL					San Antonio-----	85	100	3,402	3,534
Akron-----	70	55	2,490	2,207	Shreveport-----	35	45	1,688	1,701
Canton-----	24	23	1,254	1,255	Tulsa-----	70	26	1,726	1,635
Chicago-----	690	709	31,542	31,939	MOUNTAIN				
Cincinnati-----	131	164	6,266	6,359	Albuquerque-----	---	(29)	---	(1,171)
Cleveland-----	207	193	9,159	9,003	Colorado Springs-----	12	12	578	547
Columbus-----	97	107	4,430	4,289	Denver-----	97	118	4,528	4,319
Dayton-----	69	64	2,653	2,577	Ogden-----	17	11	565	486
Detroit-----	317	294	13,663	13,794	Phoenix-----	23	16	919	814
Evansville-----	31	34	1,509	1,383	Pueblo-----	25	9	555	453
Flint-----	36	32	1,511	1,388	Salt Lake City-----	33	37	1,799	1,711
Fort Wayne-----	33	29	1,320	1,392	Tucson-----	(3)	(7)	(206)	(229)
Grand Rapids-----	40	34	1,640	1,652	PACIFIC				
Indianapolis-----	110	111	4,952	4,780	Berkeley-----	24	14	831	771
Milwaukee-----	115	136	5,348	5,048	Long Beach-----	40	53	2,037	1,911
Peoria-----	36	30	1,352	1,309	Los Angeles-----	335	439	19,118	18,860
South Bend-----	23	19	1,038	1,117	Oakland-----	85	92	4,238	4,071
Toledo-----	95	94	3,924	4,019	Pasadena-----	31	35	1,421	1,372
Youngstown-----	47	41	2,111	1,895	Portland, Oreg.-----	85	91	4,244	4,334
WEST NORTH CENTRAL					Sacramento-----	46	35	2,021	1,930
Des Moines-----	34	51	2,209	2,104	San Diego-----	63	69	3,115	2,814
Duluth-----	21	27	1,139	1,111	San Francisco-----	194	170	8,390	8,462
Kansas City, Kans.-----	25	45	1,543	1,581	Seattle-----	110	94	4,909	4,951
Kansas City, Mo.-----	115	105	4,998	4,874	Spokane-----	44	41	1,849	1,848
Minneapolis-----	126	122	5,143	4,978	Tacoma-----	40	24	1,510	1,533
Omaha-----	62	63	2,814	2,564	Honolulu-----	(23)	(29)	(1,413)	(1,375)
St. Louis-----	237	216	10,507	10,210					

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