

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

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Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended December 13, 1952

Provisional figures which have appeared in 2 issues of the Texas Morbidity This Week show the age distribution of cases of, and deaths from, poliomyelitis in that State for 1952. Thirty-seven percent of the cases and 26 percent of the deaths were among children under 5 years of age. Twenty-six percent of the cases and 18 percent of the deaths were in the age group, 5 to 9 years; 12 percent of the cases and 9 percent of the deaths were in the 10 to 14 year age group; and 24 percent of the cases and 47 percent of the deaths were among persons 15 years of age and over. Thus, the largest percent of cases were among children under 5 years, while the largest proportion of deaths was of older persons. Since the figures do not represent identical periods of time, case fatality rates are not shown here. However, it would appear that case fatality has been higher in the older ages in Texas this year.

There were 497 cases of poliomyelitis reported in the United States. Almost a fourth of this number, or 115 cases, were reported in California. Of the total for the State, 114 were classified as civilian cases with onsets as follows: 50 cases in December, 52 in November, 11 in October, and 1 in August.

For the current week 3,162 cases of scarlet fever and streptococcal sore throat were reported in the country as a whole. This represents only a 7 percent increase over the number 2,948 reported last week. Increases in the incidence occurred in many States, but decreases were noted in Arizona, Illinois, and Virginia. The total of 116 cases reported in Arizona for the current week is less than any weekly number reported from that State during the past 6 weeks.

For the current week, 3,514 cases of measles was reported as compared with 7,082 for the corresponding week last year. Increases over the numbers reported last week occurred in all the geographic divisions, except the South Atlantic and the East South Central, where decreases were noted. The largest relative increases were in the Middle Atlantic and West South Central Divisions. In the Middle Atlantic Divisions, the increase resulted from an increase in Pennsylvania (from 93 cases reported last week to 176 this week). Although the number (74 cases) in Arkansas for the current week was less than the 122 reported last week, the large increase in Texas was responsible for the increase in the West South Central Division. In Texas, the number rose from 114 cases last week to 273 for the current week.

EPIDEMIOLOGICAL REPORTS

Salmonella infections from dried egg yolk

Additional reports have been received showing that dried egg yolk presumably has been responsible for diarrhea in infants. An infant living on Long Island, New York, was fed dried egg yolk early in November and developed diarrhea on November 16. A *Salmonella* organism, type not yet determined, was recovered from the stools. *Salmonella montevideo* was isolated from the stools of an infant in Cincinnati, and from a specimen of the egg product. Thirty-one cases of diarrhea in infants alleged to be due to dried egg yolk have been reported in Indiana. *S. montevideo* was isolated from 5 samples of the egg, and presumptively, in 2 others. Three of the 5 positive samples have been directly connected with infants who ate them, as stool specimens from these infants have demonstrated the presence of the same type of

organism. Two cases in infants in Chicago were fed the egg yolk prior to illness; two in Denver were found with *Salmonella* type C infections who had ingested this food; and one additional case in Oregon has been reported. One case has been reported in Frederick, and 1 in Salisbury, Maryland. Stool examinations revealed *S. montevideo*. It was stated that egg yolk had been eaten 3 days previously, but none was left or available for laboratory examination. Two suspect cases have also been reported in Maryland.

Human anthrax

Dr. James Quinlan, District State Health Officer, New York State Department of Health, reports a fatal case of anthrax in a man who worked in a mill which produces hair stuffings. The source of the hides from which the hair was taken is being investigated. The patient developed a swelling of both sides of the neck. He saw a physician who gave him penicillin. This physician was going out of town at the time, and suggested another doctor. The patient refused and said he would get a physician of his choice, but he never did. The original physician returned about 6 days later and found the patient in a coma. At that time he had a hemorrhagic eschar which was characteristic of anthrax. The patient died later that day but before his death a culture was taken which failed to reveal anthrax organisms. Animals inoculated did not die of the disease. Gram positive rods were seen in the sections from the lesions.

A suspect case was reported in another worker of this mill. He had a typical lesion on the left side of his neck, which began about November 11. Penicillin and erythromycin were given and the patient recovered. Smears and cultures, taken after start of therapy, were negative.

Infectious hepatitis

Dr. N. H. Dyer, West Virginia Department of Health, reports that according to information available, an hepatitis epidemic in Randolph County has been confined to a semi-rural area along the Tygart River valley. The majority of the cases occurred during November. Arrangements for an investigation have been made, but no additional information is available at this time.

Influenza and other respiratory diseases

The following reports have been received by the Influenza Information Center, National Institutes of Health.

The Preventive Medicine Division, OSG, Department of the Army, has reported the results of influenza serologic tests in Army Area Laboratories during the last 3 months. Of 122 paired serum specimens tested in September, none were positive in the hemagglutination test. In October, of 105 paired specimens tested, one sample from Ft. Dix, New Jersey, showed a significant rise in titer against FM 1. In November, of 90 tests, one paired serum specimen from Ft. Sheridan, Illinois, showed a significant rise against FM 1. During November, a number of cases of respiratory disease occurred in a military installation in the Philippine Islands. One paired specimen of 5 tested, showed a significant rise in titer against Cuppet and against FM 1 antigens.

The Preventive Medicine Division, OSG, Department of the Army, reports an increased incidence of respiratory disease at

a military installation in Missouri. The first cases were observed about December 1, and were characterized by tracheitis, pharyngitis, tonsillitis, and fever. More recently, cases presenting more severe symptoms and lasting 8 or 9 days have been observed. Investigations are under way to determine the etiology.

NOTE.— It is requested that outbreaks of respiratory disease be reported promptly.

Diphtheria

Dr. F. H. Wentworth, Ohio Department of Health, reports that several small outbreaks of diphtheria have occurred during October and November. The epidemiological investigation of one of these has been completed. In this outbreak, 16 carriers and 4 clinical cases were found, and 1 death occurred. They were all traceable to 1 carrier who undoubtedly had an undiagnosed case in May with post diphtheric polyneuritis. He was carrying

virulent organisms when cultured on October 27, 1952. His daughter was also found to be a carrier, and it is believed that she introduced the organism into the local school. The carriers were isolated at home and treated with penicillin, which was successful in most of the carriers, but tonsillectomy will have to be performed on at least two. All strains isolated from this outbreak were of the "intermedia" type.

Psittacosis

Mr. L. J. Peterson, Idaho Department of Public Health, gives information on a case of psittacosis reported from Twin Falls. The patient was a female age 37. An attempt to make additional studies has been difficult because the physician is no longer in practice in that area. The attending physician did, however, send a specimen to the Rocky Mountain Laboratory at Hamilton, Montana. The result of an agglutination test was 1:258. It was on this basis that the diagnosis was made.

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
	Dec. 13, 1952 ¹	Dec. 15, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	2	-	-	(3)	(3)	(3)	(3)	39	56	51
Brucellosis (undulant fever)----044	31	---	---	(3)	(3)	(3)	(3)	42,031	---	---
Diphtheria-----055	66	77	153	July 1	1,501	2,015	4,066	2,947	3,985	7,751
Encephalitis, acute infectious---092	15	16	9	(3)	(3)	(3)	(3)	1,887	1,015	738
Hepatitis, infectious, and serum-----092,N998.5 pt.	405	---	---	(3)	(3)	(3)	(3)	15,942	---	---
Malaria-----110-117	26	67	---	(3)	(3)	(3)	(3)	7,585	---	---
Measles-----085	3,514	7,082	3,623	Sept. 1	21,161	38,460	21,861	671,885	507,334	507,334
Meningococcal infections-----057	96	102	78	Sept. 1	1,040	997	882	4,636	3,967	3,307
Poliomyelitis, acute-----090	497	291	264	Apr. 1	55,158	26,967	26,967	56,478	28,265	28,265
Rocky Mountain spotted fever---104A	-	2	2	(3)	(3)	(3)	(3)	313	331	522
Scarlet fever and streptococcal sore throat-----050,051	3,162	1,410	1,410	Aug. 1	27,526	13,327	14,387	104,920	66,458	71,806
Trichiniasis-----128	3	---	---	(3)	(3)	(3)	(3)	344	---	---
Tularemia-----059	12	20	20	(3)	(3)	(3)	(3)	604	633	965
Typhoid fever-----040	27	27	39	Apr. 1	51,960	1,734	2,317	52,359	2,126	2,804
Typhus fever, endemic-----101	4	---	---	Apr. 1	146	---	---	176	---	---
Whooping cough-----056	638	1,146	1,718	Oct. 1	6,930	12,434	18,672	43,590	66,209	71,752
Rabies in animals-----	148	140	---	(3)	(3)	(3)	(3)	7,372	6,872	---

¹Rabies in man: Mississippi, 1 case. Smallpox: Iowa, 1 case.

²Reported in Pennsylvania.

³Not computed

⁴Addition: Kansas, week ended December 6, 1 case.

⁵Deduction: North Carolina, week ended September 6, 1 case.

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, 7 (-).
 Hawaii: Measles, - (642); poliomyelitis, 1 (1); scarlet fever, 1 (1); malaria, 1.
 Puerto Rico: Diphtheria, 4 (3); measles, 27 (11); typhoid fever, - (2); whooping cough, 19 (25); hepatitis, infectious, and serum, 2; 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.

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**Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED DECEMBER 13, 1952**

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

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	
	Dec. 13, 1952	Dec. 15, 1951	Dec. 13, 1952	Dec. 15, 1951	Dec. 13, 1952	Dec. 15, 1951	Dec. 13, 1952	Dec. 15, 1951	Dec. 13, 1952	Dec. 15, 1951	Dec. 13, 1952	Dec. 15, 1951
UNITED STATES-----	66	77	3,514	7,082	96	102	497	291	3,162	1,410	27	27
NEW ENGLAND-----	1	-	56	1,381	3	5	13	6	217	91	1	-
Maine-----	-	-	5	325	-	-	4	-	25	4	1	-
New Hampshire-----	-	-	4	33	-	-	-	-	12	11	-	-
Vermont-----	-	-	-	74	1	-	-	2	8	4	-	-
Massachusetts-----	1	-	20	491	1	3	4	3	95	52	-	-
Rhode Island-----	-	-	-	127	-	1	3	-	10	5	-	-
Connecticut-----	-	-	27	331	1	1	2	1	67	15	-	-
MIDDLE ATLANTIC-----	2	5	282	2,970	22	17	46	16	457	235	4	2
New York-----	-	-	60	1,321	10	11	29	10	311	138	1	1
New Jersey-----	1	-	46	641	2	1	7	4	63	46	-	-
Pennsylvania-----	1	5	176	1,008	10	5	10	2	83	51	3	1
EAST NORTH CENTRAL-----	5	8	1,264	1,186	17	18	91	37	586	438	3	1
Ohio-----	2	2	309	267	9	10	11	7	214	170	-	-
Indiana-----	1	3	10	115	1	-	7	2	24	19	-	-
Illinois-----	-	2	236	311	2	2	30	9	115	50	1	-
Michigan-----	-	1	258	325	3	4	32	7	139	169	2	1
Wisconsin-----	2	-	451	168	2	2	11	12	96	30	-	-
WEST NORTH CENTRAL-----	1	8	607	109	2	8	57	23	118	84	1	1
Minnesota-----	-	2	171	6	-	2	14	11	41	15	-	-
Iowa-----	-	1	98	7	-	3	11	3	-	9	-	1
Missouri-----	1	2	97	8	-	2	7	5	20	13	1	-
North Dakota-----	-	1	4	48	-	-	7	-	10	3	-	-
South Dakota-----	-	-	70	16	-	-	11	-	10	14	-	-
Nebraska-----	-	2	6	6	2	-	4	-	8	4	-	-
Kansas-----	-	-	161	18	-	1	3	4	29	26	-	-
SOUTH ATLANTIC-----	27	21	115	612	15	16	40	23	236	167	7	5
Delaware-----	-	-	-	1	-	-	1	-	4	1	-	-
Maryland-----	3	-	9	256	-	3	9	-	22	29	2	2
District of Columbia-----	-	-	6	67	-	-	1	-	5	12	-	1
Virginia-----	5	10	12	150	4	-	5	3	86	15	-	1
West Virginia-----	1	1	48	38	-	3	2	6	26	35	1	-
North Carolina-----	5	5	5	9	7	4	10	6	51	53	1	-
South Carolina-----	3	3	21	10	1	1	-	-	6	2	-	-
Georgia-----	4	1	12	71	2	2	1	4	12	5	2	1
Florida-----	6	1	2	10	1	3	11	4	24	15	1	-
EAST SOUTH CENTRAL-----	11	17	134	216	16	24	42	13	155	71	7	7
Kentucky-----	2	3	23	65	4	12	32	1	52	22	3	1
Tennessee-----	1	2	51	32	2	-	8	1	67	36	1	-
Alabama-----	6	8	28	74	3	7	2	6	27	9	2	-
Mississippi-----	2	4	32	45	7	5	-	5	9	4	1	6
WEST SOUTH CENTRAL-----	16	12	358	87	10	4	16	71	770	38	-	8
Arkansas-----	1	1	74	5	-	1	-	5	36	7	-	2
Louisiana-----	-	1	7	1	2	-	6	14	2	3	-	1
Oklahoma-----	-	-	4	3	-	1	-	11	18	2	-	2
Texas-----	14	10	273	76	8	2	10	41	714	26	-	3
MOUNTAIN-----	-	1	233	299	1	1	58	21	354	44	2	-
Montana-----	-	1	39	83	1	-	1	2	28	6	-	-
Idaho-----	-	-	9	7	-	-	8	3	60	10	-	-
Wyoming-----	-	-	1	31	-	-	2	4	63	-	1	-
Colorado-----	-	-	49	17	-	1	11	1	28	3	-	-
New Mexico-----	-	-	30	30	-	-	8	2	13	-	1	-
Arizona-----	-	-	66	64	-	-	6	4	116	4	-	-
Utah-----	-	-	38	63	-	-	16	4	45	16	-	-
Nevada-----	-	-	1	4	-	-	6	1	1	5	-	-
PACIFIC-----	3	5	465	222	10	9	134	81	267	242	2	3
Washington-----	1	-	48	56	-	1	16	4	120	26	1	1
Oregon-----	1	1	178	23	2	-	3	8	18	24	-	-
California-----	1	4	239	143	8	8	115	69	129	192	1	2

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED DECEMBER 13, 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, 998.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Dec. 13, 1952	Dec. 15, 1951											
UNITED STATES-----	638	1,146	-	31	15	485	26	-	1	3	12	4	148
NEW ENGLAND-----	70	108	-	-	1	64	-	-	-	1	-	-	-
Maine-----	4	3	-	-	-	23	-	-	-	-	-	-	-
New Hampshire-----	5	5	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	3	15	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	30	71	-	-	1	39	-	-	-	1	-	-	-
Rhode Island-----	19	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	9	14	-	-	-	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	198	210	-	3	3	59	1	-	-	2	-	-	11
New York-----	108	79	-	2	3	45	1	-	-	2	-	-	11
New Jersey-----	46	77	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania-----	44	54	-	1	-	14	-	-	-	-	-	-	-
EAST NORTH CENTRAL-----	96	245	-	10	4	29	-	-	-	-	2	-	4
Ohio-----	41	47	-	-	1	13	-	-	-	-	-	-	3
Indiana-----	5	23	-	-	-	10	-	-	-	-	-	-	-
Illinois-----	7	34	-	8	3	2	-	-	-	-	2	-	-
Michigan-----	29	80	-	2	-	3	-	-	-	-	-	-	1
Wisconsin-----	16	61	-	-	-	1	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	20	35	-	8	-	68	-	-	1	-	-	-	12
Minnesota-----	1	5	-	4	-	9	-	-	-	-	-	-	4
Iowa-----	7	2	-	4	-	19	-	-	1	-	-	-	4
Missouri-----	6	23	-	-	-	8	-	-	-	-	-	-	3
North Dakota-----	-	-	-	-	-	8	-	-	-	-	-	-	1
South Dakota-----	3	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	2	-	-	-	23	-	-	-	-	-	-	-
Kansas-----	2	3	-	-	-	1	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	53	93	-	3	2	125	5	-	-	-	3	2	28
Delaware-----	1	1	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	8	11	-	-	-	7	-	-	-	-	-	-	-
District of Columbia-----	1	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	2	9	-	-	2	37	2	-	-	-	-	-	14
West Virginia-----	18	36	-	-	-	36	-	-	-	-	-	-	3
North Carolina-----	4	10	-	2	-	28	3	-	-	-	1	-	3
South Carolina-----	-	2	-	-	-	-	-	-	-	-	-	1	3
Georgia-----	6	14	-	1	-	14	-	-	-	-	2	-	5
Florida-----	13	10	-	-	-	3	-	-	-	-	-	1	-
EAST SOUTH CENTRAL-----	24	57	-	5	2	50	4	-	-	-	3	1	37
Kentucky-----	5	17	-	-	-	16	3	-	-	-	2	1	6
Tennessee-----	5	4	-	1	1	15	-	-	-	-	-	-	14
Alabama-----	12	28	-	3	-	14	-	-	-	-	1	-	12
Mississippi-----	2	8	-	1	1	5	1	-	-	-	-	-	5
WEST SOUTH CENTRAL-----	64	244	-	1	-	22	8	-	-	-	3	1	53
Arkansas-----	10	18	-	-	-	3	-	-	-	-	1	-	2
Louisiana-----	-	-	-	-	-	-	6	-	-	-	-	-	19
Oklahoma-----	-	13	-	-	-	-	-	-	-	-	1	-	1
Texas-----	54	213	-	1	-	19	2	-	-	-	1	1	31
MOUNTAIN-----	36	42	-	-	-	13	4	-	-	-	1	-	1
Montana-----	-	5	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	2	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	2	-	-	-	-	1	-	-
Colorado-----	10	11	-	-	-	8	-	-	-	-	-	-	-
New Mexico-----	6	3	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	20	20	-	-	-	2	3	-	-	-	-	-	1
Utah-----	-	1	-	-	-	1	1	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	75	112	-	1	3	55	4	-	-	-	-	-	2
Washington-----	7	4	-	-	-	3	-	-	-	-	-	-	-
Oregon-----	5	9	-	-	-	5	-	-	-	-	-	-	-
California-----	63	99	-	1	3	47	4	-	-	-	-	-	2

¹Report for November.

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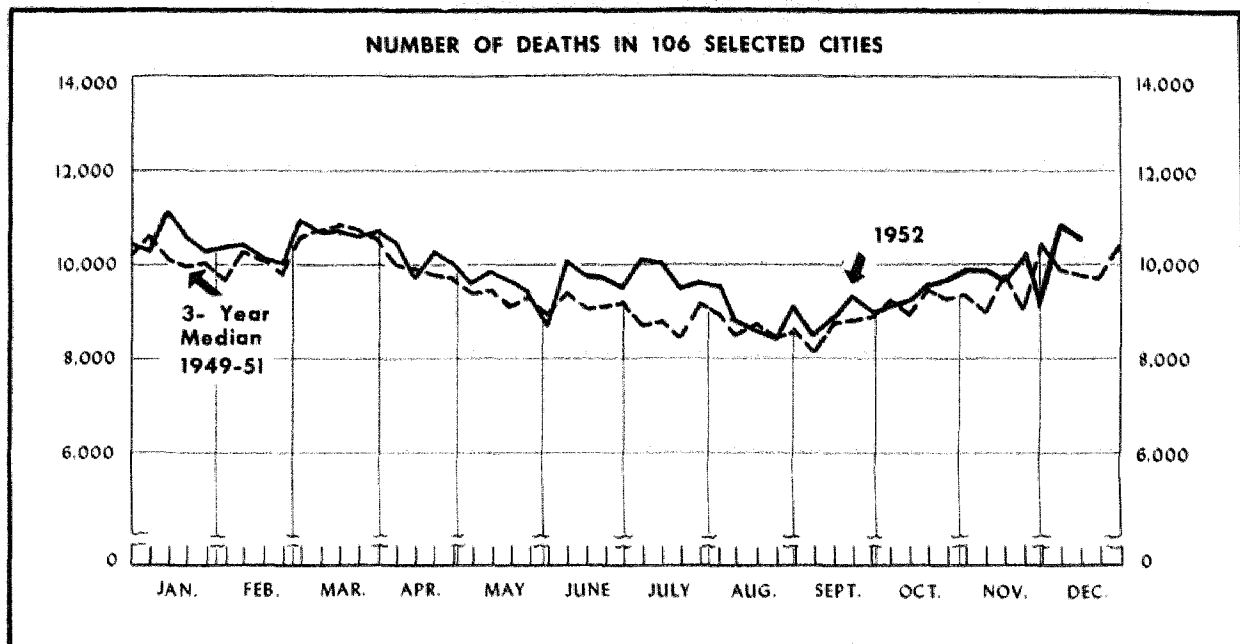
**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
DECEMBER 13, 1952**

(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 (092, N996.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliovmyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularaemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
TOTAL: 91 cities--	-	13	6	105	762	33	112	-	570	2	2	4	-	248	7
NEW ENGLAND															
Boston-----				2	3				14					8	
Bridgeport-----					2				2						
Cambridge-----					1				4						
Fall River-----					1										
Hartford-----					1				6					1	
Lowell-----															
Lynn-----									1						
New Bedford-----					1				1						
New Haven-----					1				6						
Portland, Me.-----				6	1				1						
Providence-----									10						
Somerville-----									1						
Springfield, Mass.-----									3					1	
Waterbury-----									5						
Worcester-----				12		1			16						
MIDDLE ATLANTIC															
Albany-----															
Buffalo-----															
Camden-----					2										
Elizabeth-----									3						
Erie-----									2						
Jersey City-----															
Newark, N. J.-----				1	2				4					15	
New York City-----			2	4	24	7	9		37	2		1		56	
Paterson-----					2				1						
Philadelphia-----		1		4	7	4			17			1		23	
Pittsburgh-----					9	3	1		6					2	
Reading-----														1	
Rochester, N. Y.-----															
Schenectady-----															
Syracuse-----															
Trenton-----		2			2										
Utica-----															
Yonkers-----															
EAST NORTH CENTRAL															
Akron-----															
Canton-----					1				1						
Chicago-----															
Cincinnati-----					4	1			14					3	
Cleveland-----				1	2	1	1		16					12	
Columbus-----					56		1		1						
Dayton-----									4						
Detroit-----		1	3		7	4	20		39					60	
Evansville-----									11						
Flint-----															
Fort Wayne-----									1						
Grand Rapids-----									7						
Indianapolis-----				1					9						
Milwaukee-----					84	1			36					9	
Peoria-----			1						4						
South Bend-----									1						
Toledo-----															
Youngstown-----															
WEST NORTH CENTRAL															
Des Moines-----				10	9		2		2					5	
Duluth-----							1		1						
Kansas City, Kans.-----					26		2		3						
Kansas City, Mo.-----				4											
Minneapolis-----				2	146		2		19						
Omaha-----				23					1						
St. Louis-----					50		3		6						
St. Paul-----															
Wichita-----					100				5						

Anthrax: Philadelphia, 1 case.

Provisional Statistics for Deaths in Selected Cities for Week Ended
December 13, 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	50th week ended Dec. 13, 1952	49th week ended Dec. 6, 1952	50th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		
					1952	1951	Percentage difference
TOTAL: 106 REPORTING CITIES-----	10,524	10,765	9,812	+7.3	489,653	482,226	+1.5
New England----- (14 cities)	687	661	668	+2.8	32,797	33,340	-1.6
Middle Atlantic----- (17 cities)	3,137	3,143	2,987	+5.0	146,957	145,184	+1.2
East North Central----- (17 cities)	2,252	2,372	2,080	+8.3	105,619	104,876	+0.7
West North Central----- (9 cities)	817	825	736	+11.0	36,638	35,652	+2.8
South Atlantic----- (9 cities)	782	798	765	+2.2	38,397	36,204	+6.1
East South Central----- (7 cities)	456	506	429	+6.3	21,131	20,766	+1.8
West South Central----- (13 cities)	768	867	691	+11.1	36,867	36,696	+0.5
Mountain----- (7 cities)	251	261	214	+17.3	11,260	10,643	+5.8
Pacific----- (12 cities)	1,374	1,352	1,105	+24.3	59,987	58,865	+1.9

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED
DECEMBER 13, 1952

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

CITY	50th week ended	49th week ended	CUMULATIVE NUMBER FOR FIRST 50 WEEKS		CITY	50th week ended	49th week ended	CUMULATIVE NUMBER FOR FIRST 50 WEEKS	
	Dec. 13, 1952	Dec. 6, 1952	1952	1951		Dec. 13, 1952	Dec. 6, 1952	1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	251	253	11,111	11,196	St. Paul-----	62	77	3,029	3,176
Bridgeport-----	27	30	1,678	1,678	Wichita-----	57	42	1,972	1,949
Cambridge-----	21	35	1,456	1,499	SOUTH ATLANTIC				
Fall River-----	28	19	1,324	1,401	Atlanta-----	95	117	5,031	4,264
Hartford-----	31	49	2,210	2,123	Baltimore-----	229	241	11,510	10,966
Lowell-----	22	23	1,197	1,456	Charlotte-----	35	44	1,418	1,349
Lynn-----	23	13	1,053	1,051	Miami-----	53	48	2,637	2,501
New Bedford-----	19	21	1,119	1,242	Norfolk-----	25	40	1,561	1,497
New Haven-----	47	37	2,141	2,150	Richmond-----	60	53	3,315	3,158
Providence-----	96	62	3,124	3,093	Tampa-----	58	46	2,657	2,513
Somerville-----	22	7	776	833	Washington, D. C.-----	192	174	8,653	8,419
Springfield, Mass.-----	33	36	1,843	1,859	Wilmington, Del.-----	35	35	1,615	1,537
Waterbury-----	26	23	1,210	1,195	EAST SOUTH CENTRAL				
Worcester-----	53	51	2,555	2,562	Birmingham-----	72	96	3,507	3,594
MIDDLE ATLANTIC					Chatanooga-----	39	65	2,223	2,166
Albany-----	60	42	2,059	2,102	Knoxville-----	50	35	1,599	1,616
Buffalo-----	145	149	6,633	6,946	Louisville-----	80	130	4,959	4,589
Camden-----	32	36	1,785	1,706	Memphis-----	120	95	4,670	4,709
Elizabeth-----	5	44	1,404	1,359	Mobile-----	36	44	1,583	1,496
Eric-----	37	43	1,635	1,559	Montgomery-----	(29)	(30)	(1,333)	(1,250)
Jersey City-----	77	70	3,573	3,506	Nashville-----	59	41	2,590	2,596
Newark, N. J.-----	134	122	5,200	4,904	WEST SOUTH CENTRAL				
New York City-----	1,591	1,603	77,396	75,455	Austin-----	30	24	1,168	1,300
Paterson-----	32	41	1,877	1,776	Baton Rouge-----	14	17	801	773
Philadelphia-----	555	531	23,398	24,413	Corpus Christi-----	18	13	863	721
Pittsburgh-----	195	201	8,639	8,493	Dallas-----	90	95	4,300	4,287
Rochester, N. Y.-----	91	78	4,516	4,426	El Paso-----	28	32	1,308	1,421
Schenectady-----	29	14	1,129	1,134	Fort Worth-----	67	65	2,669	2,685
Syracuse-----	52	56	2,540	2,426	Houston-----	122	149	5,741	5,601
Trenton-----	45	54	2,186	2,121	Little Rock-----	43	44	2,219	2,183
Utica-----	39	26	1,398	1,561	New Orleans-----	162	171	7,528	7,560
Yonkers-----	16	31	1,399	1,297	Oklahoma City-----	50	61	2,581	2,584
EAST NORTH CENTRAL					San Antonio-----	73	91	3,874	3,874
Akron-----	57	52	2,745	2,480	Shreveport-----	47	46	1,906	1,909
Canton-----	26	29	1,393	1,400	Tulsa-----	24	59	1,919	1,798
Chicago-----	747	852	35,280	35,661	MOUNTAIN				
Cincinnati-----	160	171	7,016	7,028	Albuquerque-----	34	22	1,265	1,297
Cleveland-----	219	210	10,210	10,062	Colorado Springs-----	14	11	648	606
Columbus-----	86	115	4,918	4,799	Denver-----	115	115	5,049	4,830
Dayton-----	63	76	2,965	2,883	Ogden-----	8	13	614	563
Detroit-----	518	315	15,220	15,324	Phoenix-----	30	29	1,053	919
Evansville-----	39	35	1,679	1,538	Pueblo-----	13	18	618	493
Flint-----	---	(47)	---	(1,523)	Salt Lake City-----	37	53	2,013	1,935
Fort Wayne-----	43	22	1,502	1,551	Tucson-----	(1)	(11)	(242)	(247)
Grand Rapids-----	38	35	1,830	1,834	PACIFIC				
Indianapolis-----	106	103	5,478	5,294	Berkeley-----	17	16	916	862
Milwaukee-----	123	145	5,963	5,672	Long Beach-----	54	55	2,283	2,178
Peoria-----	37	41	1,515	1,465	Los Angeles-----	495	485	21,378	20,995
South Bend-----	15	23	1,136	1,237	Oakland-----	120	110	4,723	4,530
Toledo-----	112	102	4,400	4,490	Pasadena-----	43	24	1,576	1,537
Youngstown-----	63	46	2,369	2,136	Portland, Oreg.-----	110	113	4,744	4,848
WEST NORTH CENTRAL					Sacramento-----	51	54	2,273	2,152
Des Moines-----	38	42	2,440	2,336	San Diego-----	70	59	3,463	3,133
Duluth-----	32	28	1,258	1,222	San Francisco-----	220	195	9,364	9,409
Kansas City, Kans.-----	50	29	1,751	1,753	Seattle-----	122	136	5,510	5,497
Kansas City, Mo.-----	135	118	5,555	5,455	Spokane-----	39	61	2,066	2,032
Minneapolis-----	130	133	5,786	5,544	Tacoma-----	33	44	1,671	1,692
Omaha-----	74	73	3,142	2,874	Honolulu-----	(31)	(26)	(1,575)	(1,526)
St. Louis-----	241	283	11,705	11,341					

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