Morbidity and Mortality Weekly Report

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended December 12, 1953

During the first 49 weeks of the current year, a total of 2,206 cases of typhoid fever was reported in the United States as compared with 2,331 cases for the corresponding period of last year. These figures exclude the report from New Hampshire, which was not received for the current week. Although cases were scattered throughout the country, more than a hundred have been reported in 6 States. They are as follows: Texas, 272; Pennsylvania, 127; Arkansas, 118; Kentucky, 106; Ohio, 102; and New York, 101. During the summer months when the disease is most likely to occur or spread, only Texas and Louisiana reported 10 or more cases for a single week. In Texas, the weekly number was 10 or more for 6 different weeks. No concentration of cases was noted except in two instances when Jones County reported 10 cases for the week ended September 9, and Moore County, where 6 cases occurred for the week ended July 25. Ten cases of typhoid fever were reported in Louisiana last week, 8 of which were in Vermilion County. For 1 week prior to this the State reported more than 10 cases, but there was not concentration. No epidemiological information has been received from Texas or Louisiana to indicate whether or not the disease was concentrated in any particular locality.

Epidemiological reports of typhoid fever have been received from 6 States and New York City. In three instances only single cases occurred, but from 3 to 10 persons were affected in 8 outbreaks. In one instance, a child developed the disease after playing with inoculated mice in a private laboratory. Five cases occurred in persons who had traveled in Mexico, and 1 was in a person who visited several countries in southern Europe. One outbreak was in a family of 3 who came from Cuba, where a high incidence of the disease had been prevalent. At least one member of this family probably contracted the disease while on the Island. Five outbreaks involving 39 persons resulted from typhoid carriers or suspect carriers. Of these, 4 occurred among persons who ate in a restaurant or in social groups at private parties where a carrier had prepared and/or served food. One outbreak resulted from a carrier who lived in a settlement where poor sanitary conditions prevailed. The source of infection was unknown for 1 single case, and for the first case in an outbreak involving 6 persons. The 5 subsequent cases resulted from contact with or from water contaminated by the first patient.

For the week ended December 5, there were 71 cases of measles reported in South Dakota. All the cases were attributed to an epidemic in a State institution during November.

EPIDEMIOLOGICAL REPORTS

Trichiniasis

Dr. L. M. Schuman, Illinois Department of Public Health, reports that early in October notification was received of several cases of illness resembling gastro-enteritis. The symptoms were diarrhea, abdominal cramps, fever, aching of arms and legs, and swelling of the face, particularly, around the eyes. An investigation revealed 13 cases with onsets during the first 2 weeks in October. Most of the patients had a marked eosinophilia, with one having as high as 54 and 57 percent on two occasions. Skin tests with Trichinella antigen were, however, negative for the few patients on whom the test was applied. Most of the affected persons gave a history of having eaten summer sausage which was purchased commercially from a single source. The local grocer also was ill, but denied eating any of the sausage. Similar cases have been occurring in nearby communities, especially across the river in Missouri. Several of these cases are being investigated.

Salmonellosis

Dr. Dean Fisher, Maine Department of Health and Welfare, reports an outbreak of salmonellosis following a wedding reception. Eleven persons became ill from 3 to 10 days after attending the reception. Neither the vehicle nor the source of infection has been found. Many of the guests helped in preparing and serving the refreshments, of which turkey and pork sandwiches were the main items. Those who handled food have submitted stool and urine specimens. The meat was cooked at home and returned to a neighborhood store for grinding. No information is available as to the source of the turkeys. The diagnosis was confirmed by laboratory examination of specimens of 7 patients. The etiological agent was S. paratyphi B (phage type 3aI).

Gastro-enteritis

Dr. N. H. Dyer, West Virginia Department of Health, reports an outbreak of gastro-enteritis in a family of 6 persons. An unwrapped cured ham was purchased about noon and was baked about an hour later. That evening the entire family ate ham for dinner without any apparent ill effects. The remainder of the meat was returned to the warm oven and left overnight. The next morning 5 persons had ham for breakfast and became ill 3 hours later. The sixth member of the family did not eat ham for breakfast but made a sandwich for lunch and became ill about 3 hours later. The source of infection of the ham was not found but it was thought to be a loose-handle knife. Laboratory examination showed the ham was contaminated with a large number of staphylococci.

Dr. C. M. Steward, County Health Officer, New York State Department of Health, reports an outbreak of gastro-enteritis among pupils in a school. During the period October 17 to November 9, 47 cases were reported. Most of the patients had abdominal pain, about half became ill with vomiting, and less than half had diarrhea. These symptoms lasted about 1 day, while nausea and malaise persisted 1 to 3 days longer. Laboratory examination of the water supply proved it to be sanitary. The handling of food was satisfactory. It was believed that this was virus gastro-enteritis, spread from person-to-person contact.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, reports an outbreak of gastro-enteritis in a private family, following a turkey dinner. Seven of 10 members became ill with cramps, nausea, vomiting, and diarrhea from 7 to 12 hours later. The turkey had been precooked. Information concerning the outbreak was not in detail but it was stated that the involved turkey farm has an excellent reputation for cleanliness. A rotiserie is used for cooking the turkeys. They are then frozen and sold. It is possible that the birds became infected at the home after they were thawed. However, bacteriological examination of a sample of turkey meat failed to reveal any pathogenic organisms.

No other specimens of food were submitted for examination. One stool specimen was negative.

Dr. A. C. Hollister, Jr., California Department of Public Health, reports an outbreak of gastro-enteritis involving 6 households in 5 different localities in 1 county. Of 39 persons eating cream or custard filled doughnuts, 23 became ill from 1 to 12 hours later. The symptoms were nausea, violent abdominal pains, vomiting, chills, diarrhea, weakness, fever, and prostration in some cases. The doughnuts had been prepared by one bakery and were delivered by distribution trucks to some of the households; for others, they were purchased at local bakeries. However, 1 family purchased a half dozen sugar doughnuts from the same bakery, but no one eating them became ill. Laboratory examination of specimens of cream filling and dough revealed many gram positive cocci, hemolytic and coagulase positive. The same organisms were found in vomitus.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

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

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	Dec. 12, 1953	Dec. 13, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	-	2	1	(1)	(1)	(1)	(1)	32	39	48
Botulism-----049.1	-	-	---	(1)	(1)	(1)	(1)	12	20	---
Brucellosis (undulant fever)-----044	30	31	---	(1)	(1)	(1)	(1)	1,711	2,015	---
Diphtheria-----055	62	66	132	July 1	1,229	1,501	2,691	2,261	2,882	5,700
Encephalitis, acute infectious---082	11	15	16	(1)	(1)	(1)	(1)	1,070	1,866	953
Hepatitis, infectious, and serum-----092,N998.5 pt.	911	485	---	(1)	(1)	(1)	(1)	30,972	15,769	---
Malaria-----110-117	5	26	---	(1)	(1)	(1)	(1)	1,411	7,563	---
Measles-----085	4,112	3,514	3,514	Sept. 1	24,180	21,161	21,161	434,858	662,389	584,626
Meningococcal infections-----057	93	96	80	Sept. 1	1,081	1,040	859	4,846	4,549	3,540
Poliomyelitis, acute-----080	367	497	345	Apr. 1	33,788	55,130	31,280	35,302	56,323	32,473
Rabies in man-----094	-	1	---	(1)	(1)	(1)	(1)	13	18	---
Rocky Mountain spotted fever----104A	2	-	-	(1)	(1)	(1)	(1)	295	311	452
Scarlet fever and streptococcal sore throat-----050,051	2,493	3,179	1,461	Aug. 1	[2]26,786	27,543	13,336	[2]126,393	103,408	70,516
Smallpox-----084	-	1	1	(1)	(1)	(1)	(1)	16	16	33
Trichiniasis-----128	2	3	---	(1)	(1)	(1)	(1)	353	342	---
Tularemia-----059	14	12	20	(1)	(1)	(1)	(1)	515	594	841
Typhoid fever-----040	33	27	34	Apr. 1	1,923	1,950	2,031	2,206	2,331	2,467
Typhus fever, endemic-----101	-	4	---	Apr. 1	186	146	---	224	173	---
Whooping cough-----056	880	638	1,146	Oct. 1	8,470	6,930	12,434	34,840	42,681	64,636
Rabies in animals-----	126	148	---	(1)	(1)	(1)	(1)	7,014	7,263	---

[1]Not computed.
[2]Addition: Rhode Island, week ended November 28, 7 cases.

NOTE.—No report for the current week has been received from New Hampshire.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-] : no cases reported; asterisk [*] : disease stated not notifiable; parentheses, [( )] : data not included in total; 3 dashes [---] : data not available.

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED DECEMBER 12, 1953

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

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)	
	49th week		49th week		49th week		49th week		49th week		49th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES	62	66	911	485	4,112	3,514	93	96	367	497	2,493	3,179
NEW ENGLAND	-	1	43	64	77	56	4	3	22	13	187	217
Maine	-	-	23	23	63	5	-	-	3	4	34	25
New Hampshire	---	-	---	-	---	4	---	-	---	-	---	12
Vermont	-	-	2	-	1	-	2	1	3	-	11	8
Massachusetts	-	1	17	39	7	20	1	1	13	4	78	95
Rhode Island	-	-	-	-	1	-	-	-	2	3	19	10
Connecticut	-	-	1	2	5	27	1	1	1	2	45	67
MIDDLE ATLANTIC	4	2	228	59	677	282	18	22	64	46	285	457
New York	1	-	181	45	320	60	8	10	38	29	140	311
New Jersey	2	1	5	-	76	46	2	2	5	7	41	63
Pennsylvania	1	1	42	14	281	176	8	10	21	10	104	83
EAST NORTH CENTRAL	3	5	98	29	708	1,264	13	17	63	91	445	588
Ohio	2	2	34	13	89	309	3	9	12	11	114	214
Indiana	-	1	10	10	72	10	3	1	9	7	79	24
Illinois	-	-	20	2	153	236	3	2	22	30	91	115
Michigan	1	-	26	3	238	258	1	3	20	32	76	139
Wisconsin	-	2	8	1	156	451	3	2	-	11	85	96
WEST NORTH CENTRAL	1	1	130	68	387	607	5	2	17	57	152	135
Minnesota	-	-	42	9	5	171	-	-	14	14	48	41
Iowa	-	-	46	19	324	98	-	-	4	11	33	17
Missouri	1	1	9	8	5	97	2	-	13	7	29	20
North Dakota	-	-	13	8	33	4	1	-	4	7	10	10
South Dakota	-	-	16	-	9	70	-	-	1	11	4	10
Nebraska	-	-	2	23	8	6	-	2	4	4	17	8
Kansas	-	-	2	1	3	161	2	-	7	3	11	29
SOUTH ATLANTIC	27	27	164	125	342	115	15	15	31	40	258	236
Delaware	-	-	3	-	-	-	1	-	-	1	2	4
Maryland	-	3	24	7	76	9	-	-	7	9	28	22
District of Columbia	-	-	-	-	1	6	-	-	-	1	4	5
Virginia	4	5	51	37	23	12	4	4	4	5	93	86
West Virginia	2	1	59	36	95	48	-	-	7	2	32	26
North Carolina	1	5	18	28	56	5	5	7	2	10	45	51
South Carolina	12	3	1	-	19	21	1	1	3	-	11	6
Georgia	5	4	3	14	26	12	2	2	1	1	23	12
Florida	3	6	5	3	46	2	2	1	7	11	20	24
EAST SOUTH CENTRAL	8	11	64	50	316	134	8	16	4	42	119	155
Kentucky	2	2	17	16	201	23	1	4	-	32	37	52
Tennessee	-	1	21	15	36	51	2	2	1	8	61	67
Alabama	6	6	6	14	74	28	3	3	2	2	14	27
Mississippi	-	2	20	5	5	32	2	7	1	-	7	9
WEST SOUTH CENTRAL	12	16	30	22	476	358	12	10	27	16	616	770
Arkansas	3	1	-	3	110	74	-	-	4	-	34	36
Louisiana	1	-	-	-	38	7	2	2	5	6	6	2
Oklahoma	-	1	1	-	2	4	1	-	4	-	19	18
Texas	8	14	29	19	326	273	9	8	14	10	557	714
MOUNTAIN	3	-	44	13	419	233	4	1	17	58	150	354
Montana	2	-	2	-	121	39	1	1	7	1	4	28
Idaho	-	-	19	-	68	9	-	-	2	8	13	60
Wyoming	-	-	6	2	27	1	-	-	1	2	14	63
Colorado	1	-	13	8	45	49	2	-	2	11	11	28
New Mexico	-	-	-	-	21	30	-	-	-	8	49	13
Arizona	-	-	2	2	4	66	-	-	1	6	15	116
Utah	-	-	2	1	132	38	1	-	4	16	41	45
Nevada	-	-	-	-	1	1	-	-	-	6	3	1
PACIFIC	4	3	110	55	710	465	14	10	92	134	281	267
Washington	1	1	30	3	289	48	1	-	3	16	77	120
Oregon	-	1	34	5	67	178	2	2	6	3	19	18
California	3	1	46	47	354	239	11	8	83	115	185	129
Alaska	(-)	(-)	(-)	(-)	(154)	(1)	(1)	(-)	(-)	(7)	(2)	(-)
Hawaii	(-)	(-)	(-)	(-)	(2)	(-)	(-)	(-)	(3)	(1)	(1)	(1)
Puerto Rico	(3)	(4)	(4)	(2)	(41)	(27)	(-)	(-)	(1)	(-)	(-)	(-)

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED DECEMBER 12, 1953—Continued

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

AREA	TYPHOID FEVER (040)		WHOOPING COUGH (056)		Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	49th week		49th week									
	1953	1952	1953	1952								
UNITED STATES	33	27	880	638	30	11	5	2	2	14	-	126
NEW ENGLAND	-	1	88	70	2	-	-	-	-	-	-	-
Maine	-	1	8	4	1	-	-	-	-	-	-	-
New Hampshire	---	-	---	5	---	---	---	---	---	---	---	---
Vermont	-	-	21	3	1	-	-	-	-	-	-	-
Massachusetts	-	-	43	30	-	-	-	-	-	-	-	-
Rhode Island	-	-	2	19	-	-	-	-	-	-	-	-
Connecticut	-	-	14	9	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC	4	4	248	198	4	3	-	-	2	1	-	6
New York	1	1	132	108	3	3	-	-	1	-	-	6
New Jersey	1	-	56	46	-	-	-	-	-	-	-	-
Pennsylvania	2	3	60	44	1	-	-	-	1	1	-	-
EAST NORTH CENTRAL	4	3	209	98	8	1	-	-	-	-	-	13
Ohio	-	-	59	41	-	-	-	-	-	-	-	-
Indiana	2	-	8	5	-	-	-	-	-	-	-	-
Illinois	2	1	18	7	5	-	-	-	-	-	-	7
Michigan	-	2	69	29	2	1	-	-	-	-	-	4
Wisconsin	-	-	55	16	1	-	-	-	-	-	-	2
WEST NORTH CENTRAL	2	1	43	20	8	4	1	-	-	-	-	17
Minnesota	-	-	6	1	1	3	-	-	-	-	-	9
Iowa	-	-	20	7	5	-	-	-	-	-	-	-
Missouri	2	1	4	6	1	1	-	-	-	-	-	6
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	3	3	-	-	-	-	-	-	-	-
Nebraska	-	-	6	1	-	-	1	-	-	-	-	2
Kansas	-	-	4	2	1	-	-	-	-	-	-	-
SOUTH ATLANTIC	5	7	99	53	-	2	-	2	-	7	-	37
Delaware	-	-	-	1	-	-	-	-	-	-	-	-
Maryland	-	2	38	8	-	-	-	-	-	1	-	-
District of Columbia	-	-	1	1	-	-	-	-	-	-	-	-
Virginia	-	-	4	2	-	2	-	1	-	6	-	14
West Virginia	2	1	35	18	-	-	-	-	-	-	-	8
North Carolina	1	1	3	4	-	-	-	-	-	-	-	-
South Carolina	1	-	5	-	-	-	-	-	-	-	-	10
Georgia	1	2	3	6	-	-	-	1	-	-	-	4
Florida	-	1	10	13	-	-	-	-	-	-	-	1
EAST SOUTH CENTRAL	8	7	26	24	5	-	-	-	-	5	-	34
Kentucky	1	3	13	5	-	-	-	-	-	5	-	11
Tennessee	5	1	3	5	1	-	-	-	-	-	-	8
Alabama	1	2	5	12	2	-	-	-	*	-	-	11
Mississippi	1	1	5	2	2	-	-	-	*	-	-	4
WEST SOUTH CENTRAL	9	-	64	64	3	1	3	-	-	-	-	16
Arkansas	1	-	2	10	-	-	-	-	-	-	-	3
Louisiana	-		4	-	-	-	-	-	-	-	-	-
Oklahoma	2	-	2	-	-	-	-	-	-	-	-	1
Texas	6	-	56	54	3	1	3	-	-	-	-	12
MOUNTAIN	-	2	13	36	-	-	1	-	-	1	-	1
Montana	-	-	2	-	-	-	-	-	-	-	-	-
Idaho	-	-	4	-	-	-	-	-	-	-	-	-
Wyoming	-	1	-	-	-	-	1	-	-	-	-	-
Colorado	-	-	5	10	-	-	-	-	-	-	-	-
New Mexico	-	1	1	6	-	-	-	-	-	-	-	-
Arizona	-	-	1	20	-	-	-	-	-	1	-	1
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	1	2	90	75	-	-	-	-	-	-	-	2
Washington	-	1	25	7	-	-	-	-	-	-	-	-
Oregon	1	-	7	5	-	-	-	-	-	-	-	-
California	-	1	58	63	-	-	-	-	-	-	-	2
Alaska	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	(1)	(-)	(-)	(-)
Puerto Rico	(2)	(-)	(3)	(19)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(1)

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED DECEMBER 12, 1953

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

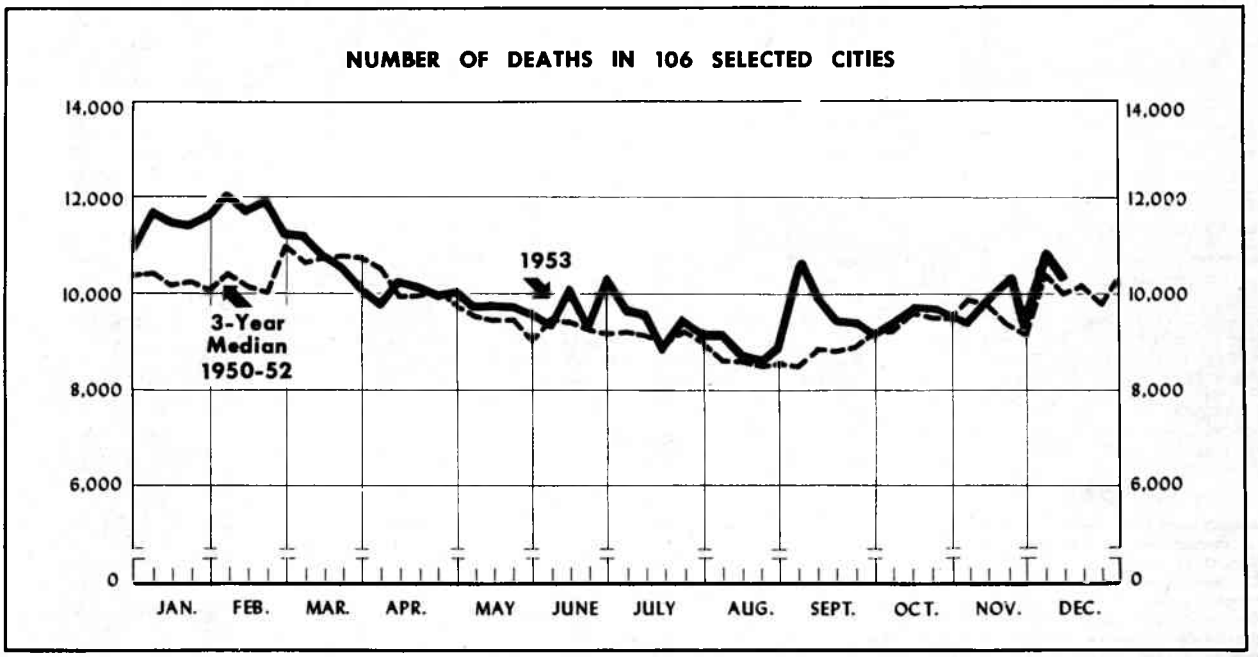
AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, E998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston	-	-	-	4	1	-	3	-	21	-	-	-	-	5	-
Bridgeport	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cambridge	-	-	-	3	2	-	-	-	2	-	-	-	-	1	-
Fall River	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Hartford	-	-	-	-	-	-	-	-	5	-	-	-	-	2	-
Lowell	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Lynn	-	-	-	1	-	-	-	-	5	-	-	-	-	1	-
New Bedford	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
New Haven	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Portland, Me.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Providence	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-
Somerville	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Springfield, Mass.	-	-	-	-	-	-	-	-	5	-	-	-	-	3	-
Waterbury	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Worcester	-	-	4	-	1	1	1	-	6	-	-	-	-	7	-
MIDDLE ATLANTIC															
Albany	-	-	-	2	-	-	-	-	4	-	-	-	-	4	-
Buffalo	-	-	-	4	7	1	2	-	8	-	-	-	-	10	-
Camden	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Elizabeth	-	-	-	1	1	-	-	-	2	-	-	-	-	-	-
Erie	-	-	-	-	21	-	-	-	4	-	-	-	-	-	-
Jersey City	-	-	-	2	-	1	2	-	-	-	-	-	-	-	-
Newark, N. J.	-	-	-	-	6	-	1	-	3	-	-	-	-	-	-
New York City	1	1	3	9	206	4	10	-	28	-	-	1	-	32	-
Paterson	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Philadelphia	-	-	-	16	32	3	-	-	24	-	-	-	-	7	-
Pittsburgh	-	-	2	5	97	-	8	-	3	-	-	-	-	6	-
Reading	-	-	-	1	-	1	-	-	2	-	-	-	-	-	-
Rochester, N. Y.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Schenectady	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Syracuse	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trenton	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Utica	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Yonkers	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
EAST NORTH CENTRAL															
Akron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Canton	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Chicago	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cincinnati	-	-	-	-	29	2	-	-	7	-	-	-	-	3	-
Cleveland	-	-	-	-	22	2	3	-	13	-	-	-	-	43	-
Columbus	-	-	-	-	-	-	-	-	9	-	-	-	-	1	-
Dayton	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Detroit	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Evansville	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-
Flint	-	-	-	-	1	-	1	-	2	-	-	-	-	1	-
Fort Wayne	-	-	-	-	3	-	-	-	-	-	-	-	-	3	-
Grand Rapids	-	-	-	1	3	-	1	-	5	-	-	-	-	4	-
Indianapolis	-	-	-	-	109	-	-	-	7	-	-	-	-	26	-
Milwaukee	-	-	-	2	7	-	-	-	29	-	-	-	-	38	-
Peoria	-	-	-	-	-	-	3	-	5	-	-	-	-	-	-
South Bend	-	-	-	-	25	-	1	-	1	-	-	-	-	-	-
Toledo	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Youngstown	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
WEST NORTH CENTRAL															
Des Moines	-	-	-	4	-	-	-	-	7	-	-	-	-	-	-
Duluth	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Kansas City, Kans.	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Kansas City, Mo.	-	-	-	1	2	-	-	-	4	-	-	-	-	-	-
Minneapolis	-	-	-	9	-	-	1	-	18	-	-	-	-	4	-
Omaha	-	-	-	2	5	-	-	-	-	-	-	-	-	-	-
St. Louis	-	-	-	3	1	-	1	-	8	-	-	1	-	3	-
St. Paul	1	-	-	18	-	-	1	-	7	-	-	-	-	-	-
Wichita	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED DECEMBER 12, 1953—Continued

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

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N-98.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Baltimore	-	-	-	3	52	-	-	-	10	-	-	-	-	18	-
Charleston, S. C.	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Charleston, W. Va.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Charlotte	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
Miami	-	-	-	-	-	1	1	-	2	-	-	1	-	-	-
Norfolk	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-
Richmond	-	-	-	4	-	-	-	-	2	-	-	-	-	-	-
Savannah	-	-	-	1	14	-	-	-	-	-	-	-	-	-	-
Tampa	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Washington, D. C.	-	-	-	-	1	-	-	-	4	-	-	-	-	1	-
Wilmington, Del.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL															
Birmingham	-	-	1	-	1	1	-	-	-	-	-	-	-	-	1
Chattanooga	-	-	-	1	2	-	-	-	3	-	-	-	-	-	-
Knoxville	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisville	-	-	2	-	17	-	-	-	9	-	1	-	-	5	-
Memphis	-	-	2	-	8	1	-	-	9	-	-	-	-	2	-
Mobile	-	-	-	-	1	-	1	-	3	-	-	-	-	-	-
Montgomery	-	-	-	-	3	-	-	-	3	-	-	-	-	-	3
Nashville	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL															
Dallas	-	-	-	8	-	2	-	-	4	-	-	-	-	-	1
El Paso	-	-	-	-	2	-	-	-	1	-	-	-	-	-	1
Fort Worth	-	-	-	6	1	1	1	-	5	-	-	-	-	-	-
Galveston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Houston	-	2	-	-	12	2	1	-	8	-	-	1	-	-	14
Little Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Orleans	-	-	-	5	33	-	-	-	3	-	-	-	-	3	1
Oklahoma City	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
San Antonio	-	-	-	-	2	-	2	-	1	-	-	-	-	-	-
Shreveport	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
Tulsa	-	-	-	1	1	-	-	-	2	-	-	-	-	1	-
MOUNTAIN															
Albuquerque	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Boise City	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Colorado Springs	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
Denver	-	1	-	2	1	2	-	-	-	-	-	-	-	1	-
Ogden	-	-	-	-	2	-	3	-	-	-	-	-	-	-	-
Phoenix	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Pueblo	-	-	-	1	3	-	-	-	6	-	-	-	-	2	-
Salt Lake City	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tucson	-	-	-	-	3	-	-	-	4	-	-	-	-	1	-
PACIFIC															
Long Beach	-	-	-	-	1	-	4	-	9	-	-	-	-	2	-
Los Angeles	-	-	-	13	19	-	11	-	10	-	-	-	-	5	-
Oakland	-	-	-	2	11	1	4	-	2	-	-	-	-	6	-
Portland, Oreg.	-	-	-	1	2	1	2	-	4	-	-	-	-	2	-
Sacramento	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Diego	-	-	-	1	72	-	5	-	7	-	-	-	-	7	-
San Francisco	-	2	-	-	34	-	4	-	4	-	-	-	-	1	-
Seattle	-	1	-	1	5	-	1	-	8	-	-	-	-	4	-
Spokane	-	-	-	-	7	-	3	-	1	-	-	-	-	1	-
Tacoma	-	-	-	1	10	-	-	-	5	-	-	-	-	-	-
Honolulu	-	-	-	-	2	-	1	-	-	1	-	-	-	1	-

Provisional Statistics for Deaths in Selected Cities for Week Ended December 12, 1953



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

GEOGRAPHIC DIVISION	49th week ended Dec. 12, 1953	48th week ended Dec. 5, 1953	49th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 49 WEEKS		
					1953	1952	Percentage difference
TOTAL: 100 REPORTING CITIES---------	10,091	10,596	9,749	+3.5	482,327	470,847	+2.4
New England----------(13 cities)	654	681	625	+4.6	30,911	30,428	+1.6
Middle Atlantic----------(16 cities)	2,999	3,090	3,011	-0.4	145,211	142,331	+2.0
East North Central----------(17 cities)	2,290	2,408	2,255	+1.6	107,138	103,814	+3.2
West North Central----------(8 cities)	736	793	688	+7.0	35,653	34,067	+4.7
South Atlantic----------(8 cities)	746	758	729	+2.3	34,825	35,091	-0.8
East South Central----------(7 cities)	364	529	429	-15.2	21,647	20,689	+4.6
West South Central----------(13 cities)	801	844	705	+13.6	37,567	36,048	+4.2
Mountain----------(6 cities)	211	193	197	+7.1	10,172	9,788	+3.9
Pacific----------(12 cities)	1,290	1,300	1,277	+1.0	59,203	58,591	+1.0

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 12, 1953

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

CITY	49th week ended Dec. 12, 1953	48th week ended Dec. 5, 1953	CUMULATIVE NUMBER FOR FIRST 49 WEEKS	
			1953	1952
NEW ENGLAND				
Boston	225	215	10,971	10,858
Bridgeport	---	(29)	---	(1,645)
Cambridge	25	25	1,340	1,420
Fall River	29	36	1,379	1,292
Hartford	51	48	2,219	2,163
Lowell	26	29	1,235	1,169
Lynn	20	22	1,082	1,024
New Bedford	30	29	1,131	1,098
New Haven	48	51	2,136	2,094
Providence	54	81	2,945	3,063
Somerville	15	13	721	760
Springfield, Mass.	38	37	1,894	1,802
Waterbury	23	22	1,250	1,181
Worcester	70	73	2,608	2,504
MIDDLE ATLANTIC				
Albany	35	54	2,204	2,034
Buffalo	173	149	6,967	6,673
Camden	34	46	1,762	1,742
Elizabeth	---	(47)	---	(1,386)
Erie	37	39	1,673	1,600
Jersey City	82	81	3,404	3,486
Newark, N. J.	152	116	5,103	5,047
New York City	1,580	1,633	76,969	75,661
Paterson	39	35	1,880	1,831
Philadelphia	444	483	23,544	22,935
Pittsburgh	157	181	8,277	8,451
Rochester, N. Y.	88	80	4,547	4,412
Schenectady	22	19	1,138	1,101
Syracuse	48	62	2,644	2,486
Trenton	52	61	2,290	2,123
Utica	34	32	1,523	1,373
Yonkers	22	19	1,286	1,376
EAST NORTH CENTRAL				
Akron	71	59	2,751	2,671
Canton	23	33	1,378	1,360
Chicago	777	757	35,955	34,918
Cincinnati	159	167	7,281	6,865
Cleveland	222	224	10,035	10,011
Columbus	103	105	5,040	4,808
Dayton	64	62	3,006	2,911
Detroit	344	385	15,415	14,978
Evansville	---	(43)	---	(1,652)
Flint	32	55	1,777	1,673
Fort Wayne	29	31	1,503	1,473
Grand Rapids	31	32	1,873	1,794
Indianapolis	133	134	5,497	5,339
Milwaukee	137	144	5,935	5,819
Peoria	29	29	1,500	1,463
South Bend	17	28	1,124	1,106
Toledo	77	113	4,477	4,308
Youngstown	42	50	2,591	2,317
WEST NORTH CENTRAL				
Des Moines	45	50	2,398	2,375
Duluth	35	37	1,309	1,240
Kansas City, Kans.	---	---	---	(1,721)
Kansas City, Mo.	118	111	5,871	5,425
Minneapolis	138	145	6,149	5,655
Omaha	66	68	3,116	3,055
St. Louis	228	267	11,754	11,437
WEST NORTH CENTRAL—Con.				
St. Paul	63	63	3,102	2,951
Wichita	43	52	1,954	1,929
SOUTH ATLANTIC				
Atlanta	113	113	5,051	4,948
Baltimore	254	246	10,962	11,275
Charlotte	29	23	1,395	1,382
Miami	---	(59)	---	(2,575)
Norfolk	27	39	1,546	1,532
Richmond	57	60	3,113	3,243
Tampa	60	50	2,557	2,585
Washington, D. C.	181	197	8,605	8,547
Wilmington, Del.	25	30	1,596	1,579
EAST SOUTH CENTRAL				
Birmingham	56	91	3,518	3,423
Chattanooga	35	48	2,192	2,168
Knoxville	28	21	1,586	1,577
Louisville	81	126	5,146	4,843
Memphis	87	152	5,159	4,578
Mobile	23	32	1,524	1,559
Montgomery	(42)	(22)	(1,318)	(1,293)
Nashville	54	59	2,522	2,541
WEST SOUTH CENTRAL				
Austin	14	27	1,208	1,139
Baton Rouge	23	21	809	789
Corpus Christi	12	25	810	844
Dallas	99	78	4,602	4,277
El Paso	28	34	1,399	1,280
Fort Worth	53	52	2,723	2,620
Houston	137	152	5,975	5,604
Little Rock	39	52	2,076	2,166
New Orleans	180	154	7,652	7,352
Oklahoma City	59	58	2,604	2,519
San Antonio	57	102	3,908	3,724
Shreveport	46	44	1,921	1,870
Tulsa	54	45	1,880	1,864
MOUNTAIN				
Albuquerque	---	(36)	---	(1,236)
Colorado Springs	7	7	625	638
Denver	106	84	5,173	4,932
Ogden	10	16	605	605
Phoenix	24	29	1,090	1,036
Pueblo	11	19	666	610
Salt Lake City	53	38	2,013	1,967
Tucson	(6)	(4)	(253)	(237)
PACIFIC				
Berkeley	16	27	836	896
Long Beach	43	55	2,234	2,230
Los Angeles	437	501	21,221	20,861
Oakland	102	77	4,509	4,579
Pasadena	44	27	1,663	1,539
Portland, Oreg.	95	104	4,745	4,618
Sacramento	57	57	2,276	2,239
San Diego	69	101	3,433	3,395
San Francisco	207	147	9,040	9,179
Seattle	130	119	5,614	5,395
Spokane	58	41	2,049	2,029
Tacoma	32	44	1,583	1,631
Honolulu	(32)	(32)	(1,551)	(1,546)

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

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