

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 17, 1954

During the first quarter of 1954, or the 13 weeks ended April 3, the incidence of notifiable diseases which States report weekly to the Public Health Service, was as follows. Four of the 25 diseases reached a total of 10,000 reported cases or more, and in each instance the figures represent an increase over those for the same period last year. The number of reported cases of infectious hepatitis was 100 percent greater than that for the first quarter last year; whooping cough cases were 73 percent greater; measles were 60 percent; and streptococcal infections were 8 percent higher than last year. The increase in whooping cough cases indicates a reversal in the downward trend of reported cases during the previous few years. The increase in measles cases clearly indicates that this is a "measles year" for a considerable part of the population of the country.

Some diseases that have a much lower frequency also showed varying amounts of change when compared with the first quarter of last year. The most marked change was for psittacosis, namely, 50 cases as compared with 3 for the previous year. However, much of this is due to the fact that psittacosis was not on the list of diseases reported weekly by telegram. The number of cases of typhoid fever reported in the first 13 weeks of 1954 was 30 percent greater than that for the same period of 1953.

On the other hand, both diphtheria and meningococcal infections decreased nearly 20 percent. The latter disease had been slowly increasing over the past few years. Although not significantly lower, the number of cases of poliomyelitis was less than it was for the same period of last year. Malaria cases also continued to show a decline.

The first quarter of 1954 was different from similar periods of 1951, 1952, and 1953, in that no widespread outbreaks of influenza were reported. One definite but localized outbreak of influenza B was reported in California, and sporadic cases were indicated elsewhere by serologic tests.

During the first quarter of 1954, slightly more than 100 reports on the epidemiologic investigation of outbreaks and other unusual occurrences of diseases were made by 24 States and 1 Territory to the Public Health Service. However, many of these related to occurrences prior to January 1, 1954.

Almost one-half were demonstrated to be some form of gastro-enteritis or enteric infections. Staphylococcal food poisoning was the most common of these outbreaks for which the etiologic agent was found. No agent was reported in about half of this group of outbreaks. Typhoid fever, salmonellosis, and shigellosis infection constituted about one-fifth of the total. There were 4 instances of diarrhea of the newborn.

Of the virus infections, psittacosis led the list in number of reports, and infectious hepatitis was the next most frequently reported. Smaller numbers of infectious encephalitis, poliomyelitis, rabies in man and in animals, and suspect cases of smallpox were also reported, and influenza has already been mentioned.

The cases (2) of suspect smallpox were shown to be vaccinia.

Two epidemiologic reports of endemic typhus, one a laboratory outbreak, were received. Other outbreaks or unusual occurrences of disease included botulism, diphtheria, blastomycosis, ringworm, streptococcal disease, and strongyloides infestation.

### EPIDEMIOLOGICAL REPORTS

#### Psittacosis

Dr. D. S. Fleming reports that at least 6 cases suspected of being psittacosis have come to the attention of the Minnesota Department of Health. One was in a farmer who lives in the southern part of the State. The patient has had frequent attacks of bronchitis, and states that he purchased 9 parakeets after the onset of his illness. Blood specimens for serologic study were obtained from 4 of the birds as well as from other fowl on the farm. This study failed to reveal any evidence of psittacosis. The other cases were among persons in 2 households in the northern part of the State. These persons had no known exposure to parakeets or pigeons. However, at least 2 patients were exposed to 1 and 2 flocks of chickens. Blood specimens from chickens of these flocks showed no serological evidence of infection. Symptoms of the 6 patients were low fever, cough, and generalized malaise. X-ray showed evidence of pneumonic involvement. Cold agglutinations were absent in all except one. For this patient the titer rose from 1:32 to 1:64 during the first week of illness and dropped back to 1:32 about 2 weeks later. Complement fixation tests for psittacosis performed on all patients showed a positive titer of 1:128 for one phase of illness in each individual. Two additional persons, who were in contact with chickens previously mentioned, had complement fixation titers of 1:256.

#### Trichiniasis

Dr. G. G. Shields, District Health Officer, Wisconsin State Board of Health, reports an outbreak of trichiniasis in the central part of the State. Thirty rings of sausage were prepared and smoked for 1 day by members of one family who had butchered 2 hogs. Of 24 persons known to have eaten some of this pork sausage about 4 weeks later, 17 became ill from 7 to 26 days later. Three persons are known to have eaten raw sausage and did not become ill, but 14 of the 17 ate the meat raw and 3 ate it boiled or fried to various degrees. One person, not clinically ill, was hospitalized because of a fractured ankle. A blood count was done on this patient because he had eaten raw pork and an eosinophilia (47 percent) was the highest among the 10 persons who had blood counts done. The lowest demonstrated was 4 percent. Most of the patients had swollen eyes, muscle tenderness of various degrees, and 7 had abdominal pains. Microscopic examination of the sausage showed the presence of trichinae cysts.

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Gastro-enteritis

The California Department of Public Health reports an outbreak of gastro-enteritis in a private home. Four persons became ill with nausea, vomiting, and diarrhea approximately 2½ hours after eating marinated tenderloin, green salad, and apple pie. The family dog also became ill. The meat was purchased in a frozen condition about 3 weeks prior to the outbreak, and was put in a freezer immediately. It remained there until the day before

being cooked, when it was transferred to a refrigerator. The beef was marinated by using a soy sauce (old bottle) and a salad sauce (new bottle) and left refrigerated until the following day. The meat was removed and left at room temperature for about 2 hours and then broiled until well done. It was stated that no previous illness was associated with meat by the use of this treatment. Laboratory examination of the beef showed the presence of B. Coli and paracoli.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

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

DISEASE	15th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 17, 1954	Ended Apr. 18, 1953	Median 1949-53	First 15 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	12	-	1	7	14	14	(2)	(2)	(2)	(2)
Botulism-----049.1	-	7	---	6	12	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	33	43	---	416	435	---	(2)	(2)	(2)	(2)
Diphtheria-----055	40	39	60	594	687	1,335	1,959	2,358	4,361	July 1
Encephalitis, infectious-----082	22	18	20	327	276	221	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,222	836	---	19,625	9,679	---	(2)	(2)	(2)	(2)
Malaria-----110-117	7	8	---	101	134	---	(2)	(2)	(2)	(2)
Measles-----085	29,944	21,902	23,223	4289,457	178,368	220,423	325,549	209,802	249,813	Sept. 1
Meningococcal infections-----057	105	122	118	1,697	2,140	1,637	3,019	3,415	2,716	Sept. 1
Polioomyelitis-----080	87	83	72	1,738	1,751	1,386	185	170	130	Apr. 1
Psittacosis-----096.2	58	-	---	63	3	---	(2)	(2)	(2)	(2)
Rabies in men-----094	-	-	-	1	-	1	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	1	1	1	10	9	9	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	4,272	3,774	2,234	68,605	62,869	41,671	103,239	99,457	64,877	Aug. 1
Smallpox-----084	-	1	-	-	3	5	(2)	(2)	(2)	(2)
Trichiniasis-----128	7	9	---	94	85	---	(2)	(2)	(2)	(2)
Tularemia-----059	-	11	16	177	158	220	(2)	(2)	(2)	(2)
Typhoid fever-----040	30	31	30	457	350	459	48	45	56	Apr. 1
Typhus fever, endemic-----101	4	4	---	39	50	---	5	10	---	Apr. 1
Whooping cough-----056	1,143	658	953	16,251	9,310	17,023	26,008	17,167	31,287	Oct. 1
Rabies in animals-----	163	177	---	2,637	2,588	---	(2)	(2)	(2)	(2)

<sup>1</sup>Pennsylvania and Texas, 1 case each.<sup>2</sup>Information not available or frequencies are too small.<sup>3</sup>Deduction: Indiana, week ended April 3, 4 cases.<sup>4</sup>Addition: South Carolina, week ended April 10, 205 cases.<sup>5</sup>North Carolina, 3 cases; Alabama, 2 cases; Arizona, Colorado, and Montana, 1 case each.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 18, 1953, AND APRIL 17, 1954**

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

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian <sup>1</sup>		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	33	43	40	39	22	18	1,222	836	6	5	1	3
NEW ENGLAND-----	-	1	1	2	2	-	59	83	-	-	-	-
Maine-----	-	-	-	-	-	-	9	16	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	2	2	-	32	16	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	4	-	-	-	-	-
Connecticut-----	-	1	-	-	-	-	13	51	-	-	-	-
MIDDLE ATLANTIC-----	-	1	9	5	10	10	201	77	-	-	-	-
New York-----	-	-	9	3	10	9	152	51	-	-	-	-
New Jersey-----	-	1	-	-	-	1	14	-	-	-	-	-
Pennsylvania-----	-	-	2	-	-	-	35	26	-	-	-	-
EAST NORTH CENTRAL-----	16	3	4	2	1	4	156	68	-	-	-	-
Ohio-----	1	-	-	1	-	-	41	19	-	-	-	-
Indiana-----	-	-	2	1	-	-	17	13	-	-	-	-
Illinois-----	8	3	-	-	-	-	42	19	-	-	-	-
Michigan-----	6	-	2	-	1	4	21	10	-	-	-	-
Wisconsin-----	1	-	-	-	-	-	35	7	-	-	-	-
WEST NORTH CENTRAL-----	8	26	-	4	-	1	216	138	-	2	-	1
Minnesota-----	1	4	-	1	-	-	48	18	-	1	-	-
Iowa-----	4	19	-	-	-	-	129	90	-	-	-	-
Missouri-----	-	1	-	2	-	-	22	3	-	-	-	-
North Dakota-----	-	-	-	1	-	1	6	1	-	-	-	-
South Dakota-----	1	-	-	-	-	-	6	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	22	-	-	-	1
Kansas-----	2	2	-	-	-	-	5	4	-	1	-	-
SOUTH ATLANTIC-----	1	4	14	7	3	1	203	141	-	-	-	2
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	1	-	-	9	8	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	2	1	-	-	-	-
Virginia-----	-	1	1	1	3	-	119	34	-	-	-	1
West Virginia-----	-	-	-	1	-	-	27	21	-	-	-	-
North Carolina-----	-	1	6	-	-	-	34	28	-	-	-	-
South Carolina-----	-	-	2	3	-	-	6	2	-	-	-	1
Georgia-----	1	2	2	-	-	1	2	3	-	-	-	-
Florida-----	-	-	3	1	-	-	3	44	-	-	-	-
EAST SOUTH CENTRAL-----	1	3	4	10	-	-	94	141	-	-	-	-
Kentucky-----	-	1	-	5	-	-	12	64	-	-	-	-
Tennessee-----	-	-	1	-	-	-	36	28	-	-	-	-
Alabama-----	1	2	3	3	-	-	11	35	-	-	-	-
Mississippi-----	-	-	-	2	-	-	35	14	-	-	-	-
WEST SOUTH CENTRAL-----	4	3	7	8	1	-	110	43	6	3	-	-
Arkansas-----	1	-	1	1	1	-	4	6	-	-	-	-
Louisiana-----	-	-	-	-	-	-	47	-	-	-	-	-
Oklahoma-----	-	3	-	2	-	-	2	3	-	-	-	-
Texas-----	3	-	6	5	-	-	57	34	6	3	-	-
MOUNTAIN-----	3	-	1	-	-	-	65	75	-	-	-	-
Montana-----	-	-	-	-	-	-	3	4	-	-	-	-
Idaho-----	1	-	-	-	-	-	29	1	-	-	-	-
Wyoming-----	-	-	-	-	-	-	3	2	-	-	-	-
Colorado-----	-	-	-	-	-	-	11	62	-	-	-	-
New Mexico-----	-	-	-	-	-	-	4	3	-	-	-	-
Arizona-----	2	-	-	-	-	-	12	3	-	-	-	-
Utah-----	-	-	1	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	3	-	-	-	-	-
PACIFIC-----	-	2	-	1	5	2	118	70	-	-	1	-
Washington-----	-	-	-	-	-	-	28	27	-	-	-	-
Oregon-----	-	-	-	-	-	-	39	18	-	-	-	-
California-----	-	2	-	1	5	2	51	25	-	-	1	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	1	-	2
Puerto Rico-----	-	-	1	2	-	-	-	-	-	-	-	-

<sup>1</sup>Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 18, 1953, AND APRIL 17, 1954—Con.

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

AREA	MEASLES		MENINGO- COCCAL INFECTIONS		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER	
	(085)		(057)		Total <sup>2</sup>		Paralytic (080.0, 080.1)		Nonparalytic (080.2)		(104A)	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	29,944	21,902	105	122	87	83	36	23	22	14	1	1
NEW ENGLAND-----	637	258	5	4	-	-	-	-	-	-	-	-
Maine-----	204	13	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	53	14	-	2	-	-	-	-	-	-	-	-
Massachusetts-----	332	123	4	-	-	-	-	-	-	-	-	-
Rhode Island-----	3	16	-	1	-	-	-	-	-	-	-	-
Connecticut-----	45	92	1	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	5,620	1,232	19	16	4	6	-	1	-	-	-	-
New York-----	3,656	290	8	9	3	3	-	1	-	-	-	-
New Jersey-----	504	153	5	1	-	-	-	-	-	-	-	-
Pennsylvania-----	1,460	789	6	6	1	3	-	-	-	-	-	-
EAST NORTH CENTRAL-----	6,095	4,859	24	30	3	8	-	1	1	-	-	-
Ohio-----	1,558	909	8	14	1	3	-	1	-	-	-	-
Indiana-----	1,232	249	6	3	-	1	-	-	-	-	-	-
Illinois-----	1,121	561	4	5	-	2	-	-	-	-	-	-
Michigan-----	1,803	901	4	4	2	-	-	-	1	-	-	-
Wisconsin-----	381	2,239	2	4	-	2	-	-	-	-	-	-
WEST NORTH CENTRAL-----	926	3,470	10	10	6	9	1	2	1	2	-	-
Minnesota-----	14	251	-	5	3	1	1	-	1	-	-	-
Iowa-----	458	978	2	1	3	1	-	-	-	1	-	-
Missouri-----	-	934	2	-	-	1	-	1	-	-	-	-
North Dakota-----	45	72	1	1	-	-	-	-	-	-	-	-
South Dakota-----	40	-	1	-	-	1	-	-	-	-	-	-
Nebraska-----	299	87	-	-	-	2	-	1	-	1	-	-
Kansas-----	70	1,148	4	3	-	3	-	-	-	-	-	-
SOUTH ATLANTIC-----	4,212	1,115	9	18	16	10	8	5	2	1	1	-
Delaware-----	163	15	-	1	-	1	-	-	-	-	-	-
Maryland-----	529	64	-	1	-	-	-	-	-	-	-	-
District of Columbia-----	314	24	-	3	-	-	-	-	-	-	-	-
Virginia-----	1,359	215	1	1	1	1	1	1	-	-	1	-
West Virginia-----	380	155	-	-	-	-	-	-	-	-	-	-
North Carolina-----	542	178	5	7	2	-	1	-	1	-	-	-
South Carolina-----	181	122	1	2	1	1	-	1	-	-	-	-
Georgia-----	320	314	2	2	-	2	-	-	-	-	-	-
Florida-----	424	28	-	1	12	5	6	3	1	1	-	-
EAST SOUTH CENTRAL-----	2,519	520	14	22	7	9	3	2	-	-	-	-
Kentucky-----	1,112	265	9	7	1	2	1	2	-	-	-	-
Tennessee-----	666	60	1	4	1	1	1	-	-	-	-	-
Alabama-----	479	134	3	9	3	5	-	-	-	-	-	-
Mississippi-----	262	61	1	2	2	1	1	-	-	-	-	-
WEST SOUTH CENTRAL-----	5,289	5,443	14	7	21	10	10	3	6	2	-	-
Arkansas-----	235	782	4	-	2	1	-	-	1	-	-	-
Louisiana-----	146	196	2	1	-	1	-	-	-	1	-	-
Oklahoma-----	137	203	-	2	1	-	-	-	-	-	-	-
Texas-----	4,771	4,262	8	4	18	8	10	3	5	1	-	-
MOUNTAIN-----	813	1,997	3	3	2	9	1	-	1	-	-	-
Montana-----	53	65	1	-	1	-	-	-	1	-	-	-
Idaho-----	-	74	-	-	-	2	-	-	-	-	-	-
Wyoming-----	33	182	-	-	-	-	-	-	-	-	-	-
Colorado-----	30	782	-	2	1	2	1	-	-	-	-	-
New Mexico-----	125	188	1	-	-	-	-	-	-	-	-	-
Arizona-----	165	458	-	1	-	2	-	-	-	-	-	-
Utah-----	402	225	-	-	-	3	-	-	-	-	-	-
Nevada-----	5	23	1	-	-	-	-	-	-	-	-	-
PACIFIC-----	3,833	3,008	7	12	28	22	13	9	11	9	-	1
Washington-----	1,025	428	-	2	7	4	1	-	2	-	-	-
Oregon-----	171	406	1	1	-	1	-	1	-	-	-	1
California-----	2,637	2,174	6	9	21	17	12	8	9	9	-	-
Alaska-----	63	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	2	5	-	-	3	-	2	-	1	-	-	-
Puerto Rico-----	70	34	-	1	-	-	-	-	-	-	-	-

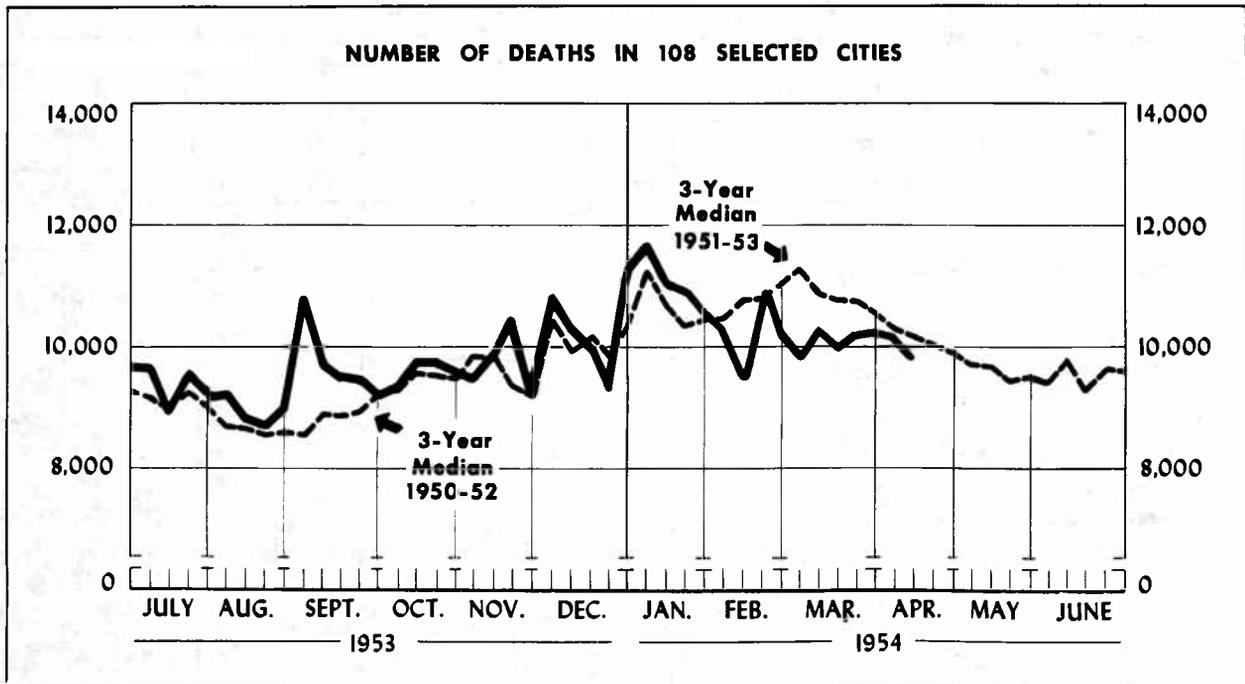
<sup>2</sup>Includes cases not specified by type, category number (080.3).

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 18, 1953, AND APRIL 17, 1954—Con.

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

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPIING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	4,272	3,774	7	-	11	30	31	4	1,143	658	163	177
NEW ENGLAND-----	298	390	1	-	-	-	1	-	84	80	-	-
Maine-----	40	43	-	-	-	-	1	-	3	26	-	-
New Hampshire-----	15	13	-	-	-	-	-	-	-	-	-	-
Vermont-----	6	7	-	-	-	-	-	-	16	-	-	-
Massachusetts-----	138	149	1	-	-	-	-	-	29	30	-	-
Rhode Island-----	13	34	-	-	-	-	-	-	6	13	-	-
Connecticut-----	86	144	-	-	-	-	-	-	30	11	-	-
MIDDLE ATLANTIC-----	605	659	1	-	1	1	2	-	155	150	8	18
New York-----	370	401	1	-	1	-	1	-	69	56	8	17
New Jersey-----	64	121	-	-	-	1	-	-	22	38	-	-
Pennsylvania-----	171	137	-	-	-	-	1	-	64	56	-	1
EAST NORTH CENTRAL-----	740	648	-	-	3	4	7	-	225	68	22	11
Ohio-----	178	127	-	-	-	2	4	-	48	8	2	-
Indiana-----	93	47	-	-	2	-	1	-	35	12	16	5
Illinois-----	87	147	-	-	-	1	-	-	32	-	3	5
Michigan-----	236	222	-	-	-	-	-	-	81	28	-	1
Wisconsin-----	146	105	-	-	1	1	2	-	29	20	1	-
WEST NORTH CENTRAL-----	187	266	-	-	1	1	3	-	33	16	28	23
Minnesota-----	34	52	-	-	-	1	-	-	5	3	7	3
Iowa-----	54	75	-	-	-	-	-	-	-	4	10	12
Missouri-----	28	22	-	-	-	-	3	-	2	4	8	7
North Dakota-----	16	38	-	-	-	-	-	-	-	1	1	-
South Dakota-----	8	4	-	-	-	-	-	-	1	1	-	-
Nebraska-----	15	21	-	-	-	-	-	-	-	2	2	1
Kansas-----	32	54	-	-	1	-	-	-	25	1	-	-
SOUTH ATLANTIC-----	529	313	-	-	-	7	6	1	63	47	45	26
Delaware-----	4	5	-	-	-	-	2	-	-	2	-	-
Maryland-----	71	107	-	-	-	1	1	-	9	2	-	-
District of Columbia-----	19	14	-	-	-	-	1	-	3	13	-	-
Virginia-----	218	105	-	-	-	1	1	-	14	7	13	9
West Virginia-----	56	21	-	-	-	1	-	-	12	11	12	3
North Carolina-----	86	35	-	-	-	-	-	-	13	7	5	2
South Carolina-----	12	1	-	-	-	1	1	-	3	-	9	6
Georgia-----	52	15	-	-	-	2	-	1	4	3	2	6
Florida-----	11	10	-	-	-	1	-	-	5	2	4	-
EAST SOUTH CENTRAL-----	134	85	-	-	-	7	4	-	81	39	30	51
Kentucky-----	68	26	-	-	-	2	2	-	42	21	5	10
Tennessee-----	57	46	-	-	-	1	-	-	16	8	7	7
Alabama-----	8	10	-	-	-	1	2	-	15	7	11	23
Mississippi-----	1	3	-	-	-	3	-	-	8	3	7	11
WEST SOUTH CENTRAL-----	919	672	-	-	3	7	7	3	342	111	23	45
Arkansas-----	83	44	-	-	1	2	3	-	30	-	2	3
Louisiana-----	3	8	-	-	-	-	1	-	-	1	-	-
Oklahoma-----	42	37	-	-	-	-	-	-	6	9	3	3
Texas-----	791	583	-	-	2	5	3	3	306	101	18	39
MOUNTAIN-----	367	386	4	-	2	1	-	-	44	27	3	1
Montana-----	4	34	-	-	-	-	-	-	5	-	-	-
Idaho-----	11	92	-	-	-	1	-	-	3	4	-	-
Wyoming-----	11	138	-	-	1	-	-	-	-	3	-	-
Colorado-----	76	39	-	-	-	-	-	-	-	5	1	-
New Mexico-----	40	18	-	-	-	-	-	-	9	5	2	-
Arizona-----	190	14	4	-	-	-	-	-	18	9	-	1
Utah-----	34	46	-	-	1	-	-	-	9	1	-	-
Nevada-----	1	5	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	493	355	1	-	1	2	1	-	116	120	4	2
Washington-----	96	135	-	-	-	1	-	-	41	15	-	-
Oregon-----	77	50	-	-	-	-	-	-	13	20	-	-
California-----	320	170	1	-	1	1	1	-	62	85	4	2
Alaska-----	3	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	4	-	-	-	-	-	-	2	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	40	30	-	1



The chart shows the number of deaths reported for 108 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 3 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 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION**

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

AREA	15th week ended April 17, 1954	14th week ended April 10, 1954	15th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		
					1954	1953	Percent change
TOTAL: 107 REPORTING CITIES-----	9,692	10,082	9,983	-2.9	153,318	164,275	-6.7
New England----- (14 cities)	650	669	703	-7.5	10,426	10,986	-5.1
Middle Atlantic----- (16 cities)	2,679	2,941	2,981	-10.1	43,726	46,642	-6.3
East North Central----- (18 cities)	2,238	2,272	2,211	+1.2	33,932	36,399	-6.8
West North Central----- (9 cities)	682	782	781	-12.7	11,127	12,676	-12.2
South Atlantic----- (9 cities)	788	778	760	+3.7	11,941	13,026	-8.3
East South Central----- (8 cities)	453	462	470	-3.6	7,261	7,801	-6.9
West South Central----- (13 cities)	671	708	727	-7.7	11,957	12,364	-3.3
Mountain----- (8 cities)	235	250	224	+4.9	3,536	4,067	-13.1
Pacific----- (12 cities)	1,296	1,220	1,231	+5.3	19,412	20,314	-4.4

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 17, 1954  
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	15th week ended Apr. 17, 1954	14th week ended Apr. 10, 1954	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		CITY	15th week ended Apr. 17, 1954	14th week ended Apr. 10, 1954	CUMULATIVE NUMBER FOR FIRST 15 WEEKS	
			1954	1953				1954	1953
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston-----	233	215	3,433	3,768	St. Louis-----	199	220	3,477	4,060
Bridgeport-----	39	47	555	515	St. Paul-----	49	69	972	1,076
Cambridge-----	24	31	439	430	Wichita-----	40	49	629	664
Fall River-----	37	23	450	444	<b>SOUTH ATLANTIC</b>				
Hartford-----	42	41	692	762	Atlanta-----	101	105	1,603	1,703
Lovell-----	20	30	444	418	Baltimore-----	202	246	3,458	3,830
Lynn-----	13	21	338	335	Charlotte-----	43	20	478	450
New Bedford-----	19	24	336	367	Jacksonville-----	(55)	(53)	(766)	---
New Haven-----	46	39	708	732	Miami-----	55	63	951	1,002
Providence-----	63	60	978	1,018	Norfolk-----	25	25	453	532
Somerville-----	15	16	230	254	Richmond-----	52	74	985	1,075
Springfield, Mass.-----	32	34	638	612	Savannah-----	---	(34)	---	---
Waterbury-----	28	23	392	430	Tampa-----	65	47	898	951
Worcester-----	39	65	793	881	Washington, D. C.-----	215	164	2,614	2,959
					Wilmington, Del.-----	30	34	501	524
<b>MIDDLE ATLANTIC</b>					<b>EAST SOUTH CENTRAL</b>				
Albany-----	45	45	694	718	Birmingham-----	75	71	1,232	1,163
Allentown-----	(29)	(34)	(532)	---	Chattanooga-----	31	36	707	783
Buffalo-----	(137)	---	---	(2,246)	Knoxville-----	20	43	527	556
Camden-----	40	34	585	558	Louisville-----	125	124	1,664	1,718
Elizabeth-----	22	21	435	480	Memphis-----	105	77	1,423	1,722
Erie-----	35	22	491	561	Mobile-----	23	28	493	511
Jersey City-----	69	64	1,105	1,113	Montgomery-----	26	21	423	473
Newark, N. J.-----	65	85	1,517	1,741	Nashville-----	48	62	792	875
New York City-----	1,551	1,668	24,301	25,852	<b>WEST SOUTH CENTRAL</b>				
Paterson-----	30	35	597	641	Austin-----	25	29	380	399
Philadelphia-----	411	501	7,156	7,708	Baton Rouge-----	23	18	358	227
Pittsburgh-----	171	182	2,578	2,788	Corpus Christi-----	14	14	233	278
Reading-----	(18)	(21)	(359)	---	Dallas-----	74	82	1,474	1,528
Rochester, N. Y.-----	81	91	1,438	1,577	El Paso-----	22	22	396	471
Schenectady-----	17	18	365	381	Fort Worth-----	39	55	802	938
Scranton-----	(43)	(31)	(527)	---	Houston-----	111	117	1,974	1,944
Syracuse-----	49	59	852	849	Little Rock-----	52	30	629	696
Trenton-----	36	46	721	782	New Orleans-----	115	135	2,346	2,503
Utica-----	32	27	464	490	Oklahoma City-----	45	58	915	865
Yonkers-----	25	43	427	403	San Antonio-----	68	77	1,215	1,291
					Shreveport-----	43	35	569	656
<b>EAST NORTH CENTRAL</b>					<b>MOUNTAIN</b>				
Akron-----	43	51	844	944	Albuquerque-----	21	27	410	432
Canton-----	27	33	482	465	Colorado Springs-----	12	11	177	210
Chicago-----	786	823	11,158	12,141	Denver-----	108	117	1,567	1,812
Cincinnati-----	139	133	2,123	2,400	Ogden-----	8	7	143	194
Cleveland-----	196	206	3,142	3,357	Phoenix-----	21	23	356	396
Columbus-----	94	84	1,582	1,711	Pueblo-----	12	10	196	219
Dayton-----	61	60	999	971	Salt Lake City-----	48	44	621	719
Detroit-----	322	301	4,869	5,109	Tucson-----	5	11	66	85
Evansville-----	21	32	472	542	<b>PACIFIC</b>				
Flint-----	43	34	577	586	Berkeley-----	18	13	283	272
Fort Wayne-----	38	29	391	497	Long Beach-----	37	51	738	782
Gary-----	(27)	(23)	(584)	---	Los Angeles-----	488	432	7,106	7,404
Grand Rapids-----	50	46	640	631	Oakland-----	110	95	1,487	1,565
Indianapolis-----	122	103	1,790	1,837	Pasadena-----	35	37	498	568
Milwaukee-----	124	129	1,904	2,017	Portland, Oreg.-----	121	67	1,492	1,641
Peoria-----	29	27	478	470	Sacramento-----	42	48	756	753
South Bend-----	22	21	336	378	San Diego-----	82	78	1,067	1,146
Toledo-----	78	95	1,382	1,456	San Francisco-----	173	179	2,892	3,179
Youngstown-----	43	65	763	887	Seattle-----	108	119	1,859	1,808
					Spokane-----	46	55	702	671
<b>WEST NORTH CENTRAL</b>					<b>PACIFIC</b>				
Des Moines-----	50	48	713	786	Tacoma-----	36	46	552	525
Duluth-----	23	24	384	428	Honolulu-----	(29)	(28)	(544)	(491)
Kansas City, Kans.-----	37	43	484	523					
Kansas City, Mo.-----	108	128	1,739	2,066					
Minneapolis-----	116	132	1,789	2,015					
Omaha-----	60	69	940	1,058					

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

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