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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 7, 1956

Of the 27 cases of diphtheria reported this week, 5 were in Texas, 4 each in Michigan and South Carolina, and 3 in Georgia. Only 2 cases were reported in Indiana where a recent outbreak of the disease occurred. The location of these 2 cases was not given, but the outbreak was centered in and around Michigan City.

Approximately half of the cases of typhoid fever reported this week were in the East North Central (10), West South Central (7), and Middle Atlantic (5) Divisions. Since the first of the year, these divisions have reported 155 cases or about the same number (151) reported for the same period last year. For the country as a whole, the total for the first 14 weeks is 355 compared with 334 for the same period in 1955.

NOTICE: Studies on serologic tests for rickettsial diseases

Dr. Morris Schaeffer, Virus and Rickettsial Section, Communicable Disease Center, Montgomery, Alabama, is attempting to determine the value of the established and new serologic tests for rickettsial diseases, especially in relation to the effects of chemotherapy in antibody response. For this purpose, early and late specimens of serum are requested from patients suspected of having rickettsial diseases. In addition to the usual information sent with the CDC form VDR-8, the following items are requested with each paired specimen: Date of onset of fever and of rash; exposure to ticks or rats; summary of clinical history; and details regarding antibiotics including dosage, when started, and length of time given. All specimens should be transmitted to the laboratory in Montgomery through State health department laboratories.

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received by the Influenza Information Center, NIH, and the National Office of Vital Statistics.

Dr. Henry Bauer, Minnesota State Department of Health, has reported an outbreak of influenza-like illness involving 75 to 80 patients and employees of the Veterans' Administration Hospital. The first cases occurred March 4 and the last case March 18. It was first noted in one 46-bed ward in which about half of the patients were ill. The remaining cases were scattered in other wards and in hospital personnel. The bed capacity of the hospital is 915. Nineteen paired blood specimens were tested and of these, 8 showed a significant increase in hemagglutination inhibition antibody to two influenza antigens, including one prepared with the strain isolated in February 1956. Virus isolation attempts from these cases have not yet been completed.

Miss Eleanor Whitney, New York State Department of Health, has reported the serologic diagnosis of influenza A in 9 individuals in scattered areas of New York State—one had onset in January, 5 had onsets in February, and 3, in March.

The Preventive Medicine Division, Bureau of Medicine and Surgery, Department of the Navy, has reported the serologic diagnosis of influenza A in a single case occurring in a naval installation in Virginia.

Anthrax

According to the monthly report from the Department of Agriculture for February, 2 States reported 5 outbreaks of anthrax in animals. In these, infected soil resulted in the loss of 6 animals. Reports from 41 States, the District of Columbia, Hawaii, and the Commonwealth of Puerto Rico show they experienced no anthrax outbreaks during February.

Additional information has been received from Dr. E. G. Johnson, Indian Hospital, Santa Fe, New Mexico, regarding the 2 cases of anthrax in New Mexico which were reported last week. One of the patients scratched his hand on a bone of a buffalo while he was butchering it. The lesion on the hand of the other patient resulted from an accidental cut with a knife used in skinning and butchering the animal. Recommendations have been made to have the remainder of the herd vaccinated against anthrax, and to avoid contact with sick animals.

Psittacosis

Dr. D. S. Fleming, Minnesota State Department of Health, has reported a case of psittacosis in a 31-year-old woman. The diagnosis was confirmed by complement fixation tests on blood specimens. The patient's husband and 4 children have had no symptoms. Psittacosis virus has been isolated from a psittacine bird which was purchased from a local store. The virus has also been isolated from a parakeet, the probable source of infection in a case reported for the week ended March 17. This parakeet was from Chicago.

Dr. Martin D. Baum, Colorado State Department of Public Health, has reported a laboratory confirmed case of psittacosis. The patient purchased a parakeet in December 1955. The bird developed clinical symptoms of psittacosis and died the following February. Eight days later the patient became ill with an atypical type of virus pneumonia and other classical symptoms associated with psittacosis. It was stated that this is the first case of the disease to be reported from the Western Slope of Colorado.

The Washington State Department of Health has reported 4 cases of psittacosis. For 2 cases, the complement fixation titers were 1:128; for the other 2, they were 1:64. Three of the patients were in contact with parakeets. One of the birds died and was buried. The carcass was exhumed 6 days later, and psittacosis virus was isolated from it. In another instance, the patient visited several stores before purchasing a parakeet. This bird has shown no signs of illness but bird droppings collected in one of the stores visited was positive for the disease. No laboratory examinations were made of any of the birds associated with the third case. The fourth patient had had no recent contact with psittacine birds but had visited on a farm about a week prior to onset of his illness. Blood samples of chickens on this farm have been collected for laboratory examination, but no report of the tests has as yet been received. The patient's wife has had 2 bad colds recently, and serum specimens taken from her were positive for psittacosis in a titer of 1:16.

Staphylococcal impetigo

Dr. F. H. Wentworth, Ohio Department of Health, has reported an outbreak of staphylococcal impetigo among babies in

a newborn-baby nursery. Approximately 18 cases are known to have occurred over a 2-week period. Most of them were mild and characterized by skin lesions and unaccompanied by septicemia or pneumonia. Only one breast abscess in a mother is known to have developed. A strain of Staphylococcus aureus was isolated from lesions and noses of sick babies and of staff contacts. The strain is sensitive to bacitracin, chloromycetin, and erythromycin and is resistant to aureomycin, dihydrostreptomycin, and penicillin. All newborn babies have been put on erythromycin phaging, and the outbreak is now under control.

Trichiniasis

Dr. Wm. Dougherty, District State Health Officer, New Jersey State Department of Health, has reported an outbreak of trichiniasis among persons who ate Hungarian sausage, commonly called "kolbase." After the report of 1 case, an investigation revealed a total of 16 cases manifesting symptoms of trichiniasis.

The symptoms included nausea, diarrhea, severe myalgia, periorbital edema, and fever. Seven patients, hospitalized, had positive skin tests and marked eosinophilia ranging from 24 to 64 percent. Positive biopsy findings were obtained on 2 persons. Blood specimens on 6 of the 7 patients revealed either a positive complement fixation or Bitonite test. An investigation showed that the sausage was made from ground pork shoulder which had been seasoned and cold smoked. A portion of the pork used was from garbage-fed animals. Laboratory examination of the sausage revealed encysted Trichinella spiralis.

Gastro-enteritis

Dr. Wentworth has reported an outbreak of gastro-enteritis in a small Ohio town following a sudden rainstorm which contaminated the water supply with surface drainage. It was estimated that 71 percent of the 1,000 inhabitants of the town became ill. The illness was characterized by nausea, vomiting, diarrhea, and weakness, without fever or other marked constitutional symptoms. The median incubation period was approximately 48 hours. Stool and blood specimens have been collected from several patients, and studies on the etiology of the outbreak are in progress.

The Los Angeles City Health Department has reported an outbreak of gastro-enteritis among persons who ate in a restaurant. At least 10 persons are known to have become ill with

Continued on page 8

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	14th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 14 weeks			Since seasonal low week			
	Ended Apr. 7, 1956	Ended Apr. 9, 1955	Median 1951-55	1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	[1]2	2	2	16	11	11	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	-	4	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	21	20	---	243	300	---	---	---	---	---
Diphtheria-----055	27	16	36	557	476	648	1,887	1,693	2,297	July 1
Encephalitis, infectious-----082	26	26	24	333	326	306	1,284	1,678	1,033	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	419	685	---	7,008	12,729	---	---	---	---	---
Malaria-----110-117	5	4	---	42	52	---	(2)	(2)	(2)	(2)
Measles-----085	26,249	24,208	24,208	215,524	256,830	256,830	244,622	311,299	294,698	Sept. 1
Meningococcal infections-----057	49	70	115	1,021	1,333	1,592	1,944	2,382	2,861	Sept. 1
Meningitis, other-----340	22	---	---	425	---	---	---	---	---	---
Poliomyelitis-----080	68	61	62	1,140	1,124	1,380	68	61	62	Apr. 1
Psittacosis-----096.2	7	4	---	100	94	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	3	2	2	(2)	(2)	(2)	(2)
Smallpox-----084	-	-	-	-	-	2	(2)	(2)	(2)	(2)
Typhoid fever-----040	42	27	18	355	334	408	42	27	18	Apr. 1
Typhus fever, endemic-----101	4	1	---	23	17	---	(2)	(2)	(2)	(2)
Rabies in animals-----	146	126	139	1,663	1,790	2,411	2,690	3,143	3,955	Oct. 1

[1]Reported in North Carolina.
[2]Frequencies are too small.

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 of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, 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.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 9, 1955 AND APRIL 7, 1956

(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.			
			14th week		Cumulative first 14 weeks				14th week		Cumulative first 14 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	21	20	27	16	557	476	26	26	419	685	7,008	12,729
NEW ENGLAND	-	-	-	1	4	12	1	-	31	64	477	1,186
Maine	-	-	-	-	-	-	-	-	12	5	119	102
New Hampshire	-	-	-	-	1	-	-	-	-	2	16	44
Vermont	-	-	-	-	-	1	-	-	3	7	70	95
Massachusetts	-	-	-	1	3	11	1	-	4	29	101	442
Rhode Island	-	-	-	-	-	-	-	-	2	5	52	168
Connecticut	-	-	-	-	-	-	-	-	10	16	119	335
MIDDLE ATLANTIC	4	2	2	1	20	20	11	8	99	195	1,349	3,220
New York	3	1	1	1	8	13	9	7	42	102	737	1,672
New Jersey	-	-	1	-	5	1	2	1	12	11	122	209
Pennsylvania	1	1	-	-	7	6	-	-	45	82	490	1,339
EAST NORTH CENTRAL	2	3	6	1	116	65	3	3	67	79	1,103	1,852
Ohio	-	1	-	-	9	21	-	-	18	16	275	343
Indiana	-	-	2	-	61	28	-	1	11	16	160	281
Illinois	-	2	-	-	1	2	2	-	17	19	284	382
Michigan	1	-	4	1	44	12	1	-	17	13	240	576
Wisconsin	1	-	-	-	1	2	-	2	4	15	144	270
WEST NORTH CENTRAL	8	11	2	1	61	69	-	3	35	82	628	1,761
Minnesota	1	1	1	1	23	23	-	-	10	17	186	602
Iowa	4	7	1	-	14	4	-	-	12	32	158	552
Missouri	2	1	-	-	5	6	-	-	1	16	30	191
North Dakota	1	-	-	-	-	-	-	-	1	4	56	103
South Dakota	-	-	-	-	1	25	-	-	4	7	92	194
Nebraska	-	-	-	-	16	10	-	-	6	3	57	27
Kansas	-	2	-	-	2	1	-	3	1	3	49	92
SOUTH ATLANTIC	2	1	8	6	106	124	2	2	28	60	413	1,146
Delaware	-	-	-	-	-	-	-	-	-	3	8	20
Maryland	-	-	-	-	-	2	-	-	3	8	43	134
District of Columbia	-	-	-	-	1	2	-	-	-	-	7	21
Virginia	-	-	-	-	15	9	-	-	12	22	179	511
West Virginia	-	-	-	2	4	5	-	1	2	3	19	143
North Carolina	1	-	-	1	16	20	-	-	-	13	39	144
South Carolina	-	-	4	1	16	23	-	-	3	1	17	24
Georgia	1	1	3	1	23	47	2	-	7	4	49	72
Florida	-	-	1	1	31	16	-	1	1	6	52	77
EAST SOUTH CENTRAL	1	1	2	2	84	62	1	1	45	42	621	629
Kentucky	-	-	-	-	4	11	-	-	15	8	185	103
Tennessee	-	1	-	-	16	12	1	-	19	17	293	278
Alabama	-	-	-	1	45	26	-	1	4	4	58	125
Mississippi	1	-	2	1	19	13	-	-	7	13	85	123
WEST SOUTH CENTRAL	1	1	7	3	131	104	2	4	27	32	495	619
Arkansas	-	-	-	1	13	6	-	-	1	4	53	94
Louisiana	1	-	1	1	13	16	-	-	4	-	24	39
Oklahoma	-	-	1	-	39	11	-	-	5	4	31	64
Texas	-	1	5	1	66	71	2	4	17	24	387	422
MOUNTAIN	1	-	-	1	11	4	-	-	36	49	796	962
Montana	-	-	-	-	-	2	-	-	9	10	228	98
Idaho	-	-	-	-	-	-	-	-	2	6	98	108
Wyoming	-	-	-	-	2	-	-	-	-	1	38	30
Colorado	-	-	-	-	2	-	-	-	5	10	163	201
New Mexico	-	-	-	-	1	-	-	-	1	6	75	207
Arizona	1	-	-	-	5	1	-	-	18	16	166	266
Utah	-	-	-	1	1	1	-	-	1	-	26	32
Nevada	-	-	-	-	-	-	-	-	-	-	2	20
PACIFIC	2	1	-	-	24	16	6	5	51	82	1,126	1,354
Washington	1	-	-	-	2	5	-	-	8	26	249	290
Oregon	-	-	-	-	8	-	1	2	10	22	220	370
California	1	1	-	-	14	11	5	3	33	34	657	694
Alaska	-	-	-	-	-	-	-	-	1	11	25	119
Hawaii	-	-	-	-	-	-	-	-	-	3	15	20
Puerto Rico	-	-	-	2	15	27	-	-	3	2	70	18

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 9, 1955 AND APRIL 7, 1956—Continued

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

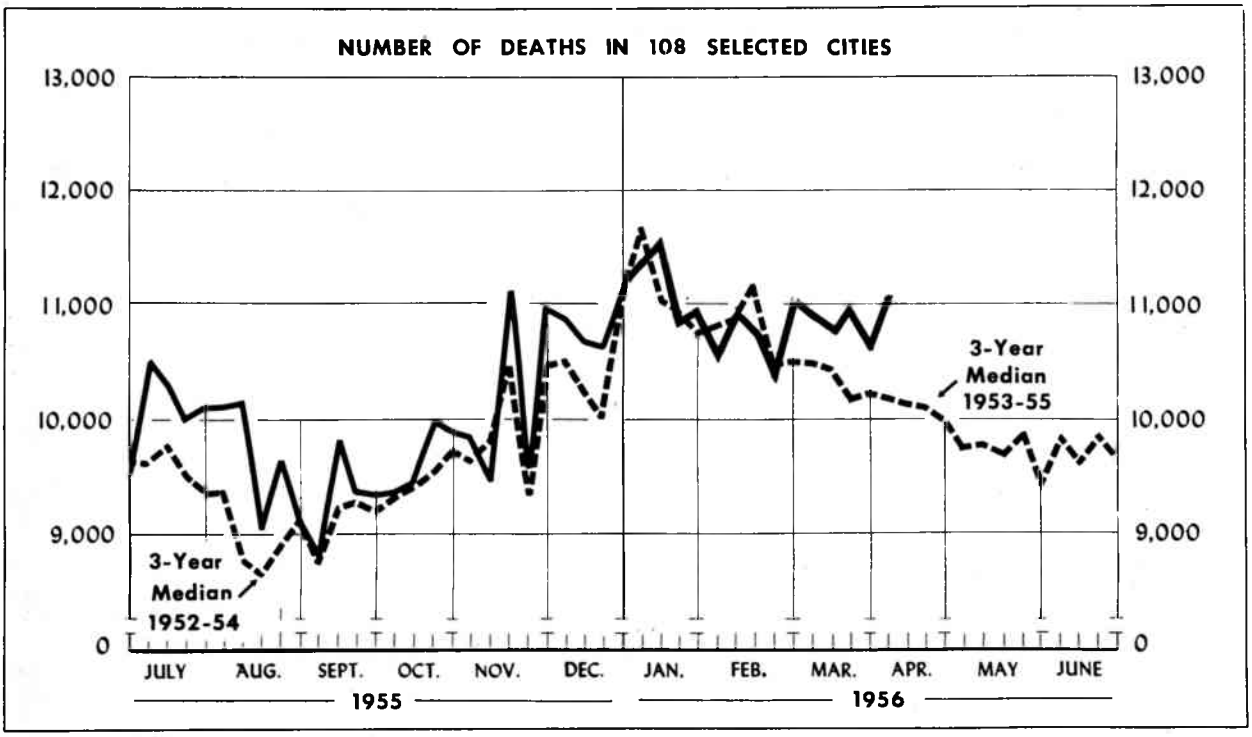
AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total[1]				Paralytic		Nonparalytic					
	14th week		Cumulative first 14 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	68	61	1,140	1,124	37	27	19	14	5	4	26,249	24,208
NEW ENGLAND	-	2	35	27	-	1	-	-	-	-	249	4,170
Maine	-	1	7	3	-	1	-	-	-	-	11	197
New Hampshire	-	-	2	3	-	-	-	-	-	-	6	237
Vermont	-	-	7	11	-	-	-	-	-	-	20	326
Massachusetts	-	1	17	7	-	-	-	-	-	-	139	1,770
Rhode Island	-	-	2	-	-	-	-	-	-	-	5	287
Connecticut	-	-	-	3	-	-	-	-	-	-	68	1,353
MIDDLE ATLANTIC	5	8	82	134	3	-	1	-	-	-	4,186	4,914
New York	4	7	58	82	3	-	1	-	-	-	1,482	1,435
New Jersey	-	1	9	19	-	-	-	-	-	-	473	2,743
Pennsylvania	1	-	15	33	-	-	-	-	-	-	2,231	736
EAST NORTH CENTRAL	10	9	83	109	6	4	1	1	-	-	7,738	4,304
Ohio	2	3	20	27	-	2	-	1	-	-	1,814	677
Indiana	-	-	7	10	-	-	-	-	-	-	823	221
Illinois	3	3	14	21	1	-	1	-	-	-	2,209	324
Michigan	2	3	26	41	2	2	-	-	-	-	1,471	750
Wisconsin	3	-	16	10	3	-	-	-	-	-	1,421	2,332
WEST NORTH CENTRAL	1	4	52	84	-	-	-	3	-	-	964	1,700
Minnesota	-	2	8	14	-	-	-	2	-	-	15	495
Iowa	-	1	11	16	-	-	-	-	-	-	340	569
Missouri	1	-	15	11	-	-	-	-	-	-	204	392
North Dakota	-	-	2	3	-	-	-	-	-	-	80	53
South Dakota	-	-	8	10	-	-	-	-	-	-	9	15
Nebraska	-	-	2	14	-	-	-	-	-	-	87	8
Kansas	-	1	6	16	-	-	-	1	-	-	229	168
SOUTH ATLANTIC	2	4	93	197	1	3	1	1	1	-	3,510	573
Delaware	-	-	1	2	-	-	-	-	-	-	48	2
Maryland	-	-	4	6	-	-	-	-	-	-	349	61
District of Columbia	-	-	-	-	-	-	-	-	-	-	74	27
Virginia	-	-	4	5	-	-	-	-	-	-	1,230	146
West Virginia	-	-	3	7	-	-	-	-	-	-	508	116
North Carolina	1	-	24	30	1	-	-	-	-	-	391	18
South Carolina	-	-	7	7	-	-	-	-	-	-	623	40
Georgia	-	3	12	21	-	3	-	-	-	-	134	94
Florida	1	1	38	[2]119	-	-	1	1	1	-	153	69
EAST SOUTH CENTRAL	1	2	46	63	-	-	1	1	-	1	2,015	536
Kentucky	1	1	19	23	-	-	1	1	-	1	748	65
Tennessee	-	-	7	11	-	-	-	-	-	-	822	220
Alabama	-	1	1	9	-	-	-	-	-	-	313	150
Mississippi	-	-	19	20	-	-	-	-	-	-	132	101
WEST SOUTH CENTRAL	22	19	244	179	15	13	5	4	3	2	4,776	2,106
Arkansas	-	3	9	14	-	2	-	1	-	-	400	144
Louisiana	4	2	35	30	4	1	-	1	-	-	36	1
Oklahoma	1	-	11	16	-	-	-	-	-	-	566	59
Texas	17	14	189	119	11	10	5	2	3	2	3,774	1,902
MOUNTAIN	6	4	71	75	-	1	1	-	-	-	1,659	1,051
Montana	-	-	4	11	-	-	-	-	-	-	340	65
Idaho	-	-	9	8	-	-	-	-	-	-	26	18
Wyoming	-	-	2	5	-	-	-	-	-	-	66	2
Colorado	-	1	7	14	-	1	-	-	-	-	596	62
New Mexico	1	-	3	3	-	-	-	-	-	-	164	237
Arizona	1	1	30	6	-	-	1	-	-	-	340	645
Utah	2	1	8	19	-	-	-	-	-	-	125	10
Nevada	2	1	8	9	-	-	-	-	-	-	2	12
PACIFIC	21	9	434	256	12	5	9	4	1	1	1,152	4,854
Washington	-	-	21	23	-	-	-	-	-	-	320	540
Oregon	-	1	27	22	-	1	-	-	-	-	44	168
California	21	8	386	211	12	4	9	4	1	1	788	4,146
Alaska	-	-	1	6	-	-	-	-	-	-	6	16
Hawaii	-	-	43	8	-	-	-	-	-	-	24	400
Puerto Rico	-	7	5	297	-	7	-	-	-	-	26	154

[1]Includes cases not specified by type, category number 080.3.
[2]Includes delayed cases with onset late in 1954.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 9, 1955 AND APRIL 7, 1956—Continued

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

AREA	MENINGOCOCCAL INFECTIONS 057		MENINGITIS, OTHER 340	PSITTACOSIS 096.2		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
						14th week		Cumulative first 14 weeks				
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES	49	70	22	7	4	42	27	355	334	4	146	126
NEW ENGLAND	5	4	-	1	-	3	1	16	5	-	-	-
Maine	2	1	-	-	-	3	-	9	1	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	3	2	-	1	-	-	1	2	4	-	-	-
Rhode Island	-	1	-	-	-	-	-	1	-	-	-	-
Connecticut	-	-	-	-	-	-	-	4	-	-	-	-
MIDDLE ATLANTIC	8	11	-	1	-	5	3	48	46	-	13	12
New York	4	3	-	-	-	2	-	17	8	-	10	11
New Jersey	1	1	-	-	-	-	3	3	6	-	-	-
Pennsylvania	3	7	-	1	-	3	-	28	32	-	3	1
EAST NORTH CENTRAL	15	11	4	2	2	10	1	50	36	-	32	6
Ohio	6	4	-	-	2	2	-	12	21	-	4	3
Indiana	1	1	2	-	-	2	-	7	-	-	15	3
Illinois	3	3	1	2	-	-	-	5	8	-	13	-
Michigan	4	3	1	-	-	3	-	11	5	-	-	-
Wisconsin	1	-	-	-	-	3	1	15	2	-	-	-
WEST NORTH CENTRAL	5	2	-	1	1	5	2	54	20	-	20	25
Minnesota	-	-	-	1	1	-	-	24	1	-	2	3
Iowa	-	-	-	-	-	-	-	7	6	-	15	11
Missouri	1	-	-	-	-	3	1	11	7	-	3	11
North Dakota	3	-	-	-	-	-	-	4	-	-	-	-
South Dakota	-	-	-	-	-	-	1	2	3	-	-	-
Nebraska	1	-	-	-	-	2	-	6	2	-	-	-
Kansas	-	2	-	-	-	-	-	-	1	-	-	-
SOUTH ATLANTIC	5	12	9	-	-	3	11	52	61	4	24	24
Delaware	-	-	-	-	-	-	-	1	-	-	3	-
Maryland	-	-	-	-	-	-	-	2	1	-	-	-
District of Columbia	-	-	1	-	-	-	1	4	2	-	-	-
Virginia	2	4	2	-	-	1	1	3	16	-	8	4
West Virginia	-	2	-	-	-	-	1	6	5	-	4	5
North Carolina	1	-	-	-	-	-	1	10	5	-	-	1
South Carolina	1	1	2	-	-	1	1	8	7	-	8	7
Georgia	-	-	4	-	-	1	3	9	13	4	1	3
Florida	1	5	-	-	-	-	3	9	12	-	-	4
EAST SOUTH CENTRAL	2	9	6	-	-	2	5	36	43	-	24	18
Kentucky	1	2	-	-	-	1	4	7	29	-	7	1
Tennessee	-	4	4	-	-	1	-	20	6	-	2	6
Alabama	1	-	-	-	-	-	1	2	7	-	13	10
Mississippi	-	3	2	-	-	-	-	7	1	-	2	1
WEST SOUTH CENTRAL	3	11	1	-	-	7	3	57	69	-	28	25
Arkansas	-	4	-	-	-	-	1	10	14	-	7	5
Louisiana	1	1	-	-	-	2	1	9	19	-	8	-
Oklahoma	-	2	1	-	-	1	-	8	7	-	-	-
Texas	2	4	-	-	-	4	1	30	29	-	13	20
MOUNTAIN	2	3	1	1	1	3	-	12	26	-	1	3
Montana	1	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	1	1	1	-	1	2	-	-	-
Wyoming	-	1	-	-	-	-	-	-	2	-	-	-
Colorado	-	-	1	-	-	-	-	3	1	-	-	-
New Mexico	-	1	-	-	-	1	-	5	13	-	-	2
Arizona	1	1	-	-	-	1	-	2	7	-	1	1
Utah	-	-	-	-	-	-	-	-	1	-	-	-
Nevada	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC	4	7	1	1	-	4	1	30	28	-	4	13
Washington	1	1	1	1	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	1	-	4	3	-	-	1
California	3	6	-	-	-	3	1	26	25	-	4	12
Alaska	-	-	-	-	-	-	-	-	2	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	4	-	-	1	1	14	22	1	-	2



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 with a weekly average of 50 deaths, 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	14th week ended Apr. 7, 1956	13th week ended Mar. 31, 1956	14th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 14 WEEKS		
					1956	1955	Percent change
TOTAL: 103 REPORTING CITIES	10,673	10,327	9,751	+9.5	146,210	142,153	+2.9
New England (14 cities)	803	701	675	+19.0	10,160	10,439	-2.7
Middle Atlantic (17 cities)	3,285	3,239	3,041	+8.0	44,416	44,283	+0.3
East North Central (17 cities)	2,156	2,109	2,066	+4.4	30,347	29,022	+4.6
West North Central (8 cities)	751	694	736	+2.0	10,479	9,806	+6.9
South Atlantic (9 cities)	785	872	778	+0.9	11,921	11,097	+7.4
East South Central (8 cities)	485	449	482	+0.6	6,987	6,832	+2.3
West South Central (11 cities)	775	597	537	+44.3	9,218	8,650	+6.6
Mountain (7 cities)	281	232	226	+24.3	3,537	3,447	+2.6
Pacific (12 cities)	1,352	1,434	1,220	+10.8	19,145	18,577	+3.1

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 7, 1956

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

CITY	14th week ended Apr. 7, 1956	13th week ended Mar. 31, 1956	CUMULATIVE NUMBER FIRST 14 WEEKS	
			1956	1955
NEW ENGLAND				
Boston, Mass.	247	230	3,492	3,627
Bridgeport, Conn.	57	36	524	548
Cambridge, Mass.	37	34	461	410
Fall River, Mass.	39	32	410	431
Hartford, Conn.	58	53	681	702
Lowell, Mass.	22	17	344	338
Lynn, Mass.	31	20	298	348
New Bedford, Mass.	31	20	352	355
New Haven, Conn.	65	37	734	661
Providence, R. I.	83	75	922	971
Somerville, Mass.	17	22	228	242
Springfield, Mass.	47	48	626	646
Waterbury, Conn.	18	24	361	372
Worcester, Mass.	51	53	727	788
MIDDLE ATLANTIC				
Albany, N. Y.	51	56	736	677
Allentown, Pa.	(52)	(37)	(546)	(532)
Buffalo, N. Y.	143	132	2,059	1,973
Camden, N. J.	33	38	549	548
Elizabeth, N. J.	30	49	426	419
Erie, Pa.	34	36	501	506
Jersey City, N. J.	100	91	1,111	1,048
Newark, N. J.	99	100	1,408	1,534
New York City, N. Y.	1,736	1,677	22,910	23,387
Paterson, N. J.	53	36	540	568
Philadelphia, Pa.	523	532	7,177	7,005
Pittsburgh, Pa.	181	195	2,778	2,606
Reading, Pa.	(25)	(22)	(312)	(329)
Rochester, N. Y.	111	100	1,432	1,371
Schenectady, N. Y.	21	24	334	329
Scranton, Pa.	(36)	(37)	(482)	(492)
Syracuse, N. Y.	61	54	875	796
Trenton, N. J.	37	52	655	666
Utica, N. Y.	32	30	453	426
Yonkers, N. Y.	40	37	472	424
EAST NORTH CENTRAL				
Akron, Ohio	63	42	754	773
Canton, Ohio	27	30	385	379
Chicago, Ill.	787	753	10,959	10,320
Cincinnati, Ohio	158	187	2,334	2,217
Cleveland, Ohio	---	(210)	---	(2,878)
Columbus, Ohio	124	116	1,611	1,542
Dayton, Ohio	73	73	972	931
Detroit, Mich.	346	341	4,739	4,664
Evansville, Ind.	34	28	507	444
Flint, Mich.	33	26	531	507
Fort Wayne, Ind.	40	40	528	463
Gary, Ind.	(33)	(27)	(406)	(394)
Grand Rapids, Mich.	46	47	614	580
Indianapolis, Ind.	104	103	1,683	1,587
Milwaukee, Wis.	114	130	1,783	1,700
Peoria, Ill.	25	25	390	410
South Bend, Ind.	18	22	344	354
Toledo, Ohio	92	98	1,406	1,405
Youngstown, Ohio	72	48	807	746
WEST NORTH CENTRAL				
Des Moines, Iowa	42	49	736	679
Duluth, Minn.	37	26	355	359
Kansas City, Kans.	---	(25)	---	(512)
Kansas City, Mo.	128	88	1,544	1,586
Minneapolis, Minn.	127	106	1,767	1,653
Omaha, Nebr.	72	60	943	923
WEST NORTH CENTRAL—Con.				
St. Louis, Mo.	229	261	3,614	3,140
St. Paul, Minn.	80	57	949	935
Wichita, Kans.	36	47	571	531
SOUTH ATLANTIC				
Atlanta, Ga.	101	121	1,631	1,455
Baltimore, Md.	224	230	3,413	3,283
Charlotte, N. C.	25	29	456	462
Jacksonville, Fla.	(51)	(58)	(779)	(677)
Miami, Fla.	43	58	774	742
Norfolk, Va.	35	51	504	494
Richmond, Va.	83	87	1,044	958
Savannah, Ga.	(32)	(24)	(399)	(424)
Tampa, Fla.	58	68	875	839
Washington, D. C.	176	187	2,713	2,348
Wilmington, Del.	40	41	511	516
EAST SOUTH CENTRAL				
Birmingham, Ala.	73	72	1,133	1,152
Chattanooga, Tenn.	49	36	606	662
Knoxville, Tenn.	28	21	540	502
Louisville, Ky.	112	101	1,571	1,587
Memphis, Tenn.	93	98	1,453	1,395
Mobile, Ala.	36	37	481	400
Montgomery, Ala.	41	27	414	392
Nashville, Tenn.	53	57	789	742
WEST SOUTH CENTRAL				
Austin, Tex.	30	37	451	375
Baton Rouge, La.	23	16	312	308
Corpus Christi, Tex.	20	12	273	253
Dallas, Tex.	112	111	1,489	1,369
El Paso, Tex.	34	17	401	407
Fort Worth, Tex.	77	65	862	792
Houston, Tex.	211	80	1,905	1,849
Little Rock, Ark.	49	50	687	602
New Orleans, La.	---	(142)	---	(2,225)
Oklahoma City, Okla.	67	65	915	825
San Antonio, Tex.	100	93	1,266	1,266
Shreveport, La.	52	51	657	604
Tulsa, Okla.	---	(66)	---	(669)
MOUNTAIN				
Albuquerque, N. Mex.	39	16	340	372
Colorado Springs, Colo.	17	7	202	190
Denver, Colo.	130	106	1,592	1,621
Ogden, Utah	17	16	180	142
Phoenix, Ariz.	30	24	396	353
Pueblo, Colo.	12	13	180	191
Salt Lake City, Utah	36	50	647	578
Tucson, Ariz.	(3)	---	---	(68)
PACIFIC				
Berkeley, Calif.	14	16	275	244
Long Beach, Calif.	43	46	749	727
Los Angeles, Calif.	500	527	7,171	6,822
Oakland, Calif.	75	115	1,336	1,299
Pasadena, Calif.	42	41	547	491
Portland, Oreg.	98	95	1,404	1,333
Sacramento, Calif.	52	61	717	701
San Diego, Calif.	72	95	1,060	1,132
San Francisco, Calif.	222	207	2,911	2,795
Seattle, Wash.	151	129	1,803	1,878
Spokane, Wash.	44	51	649	611
Tacoma, Wash.	39	51	523	544
Honolulu, Hawaii	(47)	(24)	(499)	(508)

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

EPIDEMIOLOGICAL REPORTS—Continued

cramps, diarrhea, nausea, and chills, from 8½ to 11 hours after eating beef ribs. The ribs were precooked and allowed to stand at room temperature for indefinite periods of time awaiting customer's order. On order they were dipped into a barbecue sauce and then further cooked. None were available for bacteriological examination.

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 200 school children. Of these, 24 became ill from 2 to 6 hours after eating a turkey dinner at school. The turkeys (frozen) were roasted on March 19, allowed to cool at room temperature, and refrigerated overnight. The meat was reheated the following morning and served with giblet gravy, peas, mashed potatoes, tapioca pudding, fruit salad, and bread and butter. Bacteriological examination of turkey, tapioca pudding, and mayonnaise was negative for pathogens.