

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 13, 1957

During the first 15 weeks of this year a total of 290 cases of typhoid fever have been reported compared with 383 for the same period of 1956. This represents a 24-percent reduction in the incidence from the previous year when several States experienced an unusual number of cases. Although many of the States have shown a decrease in incidence, 3 North Central States (Michigan, Minnesota, and Wisconsin) have reported a marked reduction—from a total of 56 cases last year to only 9 for the current year. Several scattered States have reported increases.

Texas reported the largest number of cases for both years, 22 in 1957 and 33 in 1956. Tennessee, also, reported a large number for both years, but no reduction in incidence. The distribution of cases among the individual States for both years are depicted in the maps on page 8.

EPIDEMIOLOGICAL REPORTS

Influenza

The following information has been received by the Influenza Information Center.

Dr. Elinor Whitney, New York State Department of Health, has reported the isolation of 3 strains of influenza virus type A-prime from throat washings obtained from patients having a respiratory disease. The specimens were obtained from persons involved in an outbreak in a university in central New York State.

Dr. R. F. McAteer, Rhode Island Department of Health, has reported serologic diagnosis of influenza A in 3 persons living in an apartment. Two of the 3 were a man and his wife,

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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. 13, 1957 ¹	Ended Apr. 14, 1956	Median 1952-56	First 15 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	2	2	7	19	13	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	5	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	23	13	25	265	256	405	(2)	(2)	(2)	(2)
Diphtheria-----055	22	26	36	326	583	605	1,081	1,913	1,919	July 1
Encephalitis, infectious-----082	26	28	28	328	361	343	1,892	1,283	1,283	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	369	417	627	5,744	7,427	9,267	10,943	14,930	---	Sept. 1
Malaria-----110-117	3	3	11	24	45	96	(2)	(2)	(2)	(2)
Measles-----085	20,634	29,443	28,330	227,624	244,967	264,164	264,828	274,065	295,505	Sept. 1
Meningococcal infections-----057	72	59	115	849	1,080	1,685	1,580	2,003	2,914	Sept. 1
Meningitis, other-----040	32	31	---	490	456	---	---	---	---	---
Poliomyelitis-----080	33	82	82	592	1,216	1,436	65	149	149	Apr. 1
Paralytic-----080.0,080.1	17	48	---	309	667	---	35	84	---	Apr. 1
Nonparalytic-----080.2	14	21	---	187	325	---	24	40	---	Apr. 1
Unspecified-----080.3	2	13	---	96	224	---	6	25	---	Apr. 1
Psittacosis-----096.2	14	9	5	75	109	56	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	3	2	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	29	27	290	383	383	33	71	49	Apr. 1
Typhus fever, endemic-----101	1	-	2	26	23	38	1	4	4	Apr. 1
Rabies in animals-----	99	168	168	1,551	1,831	2,556	2,515	2,858	4,071	Oct. 1

¹Data exclude report for Idaho for the current week.

²Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS—Continued

and the third lived in an upstairs apartment. Seven persons in the building were ill with a respiratory disease. The preliminary diagnosis was psittacosis because the symptoms were those of "viral pneumonia" and because a parakeet in the building had been sick with diarrhea.

Dr. Keith E. Jensen, International Influenza Center for the Americas, Montgomery, Alabama, reports that 18 isolates of influenza virus have been submitted for study. Results of serologic comparisons demonstrated by hemagglutination-inhibition tests make it clear that antigenic overlapping exists between the 1956-57 group and sets of viruses previously studied. However, antigenic distinctiveness is equally evident.

Dr. Michael Sigel, University of Miami, has reported serologic evidence of influenza A (rising titer in CF test) has been obtained on 2 patients, 1 of whom had contact with a visitor from North Carolina. The visitor was ill upon arrival in Dade County, Florida. These are the only 2 laboratory findings consistent with influenza, and there has been no increase in the incidence of respiratory diseases or in absenteeism in schools or other groups in Dade County.

The World Health Organization, Geneva, states that during the first week of April no further extension of influenza was reported in central and northern Europe; the isolation of virus A has been reported from Poland and Berlin. In Poland the main center of the epidemic of mild form was in the town of Łódź about the middle of March. The epidemic then spread widely to Warsaw and farther east. The virus strain isolated is related to A/Netherlands/56.

Psittacosis

Dr. A. A. Jenkins, Utah State Department of Health, has reported a case of psittacosis in a 63-year-old woman. She developed typical symptoms of psittacosis, and convalescent serum was positive for the disease in a dilution of 1:64. The most probable source of infection was 8 parakeets purchased from a local store about 3 months prior to onset of symptoms. Two of these birds had died and the others were bled and the blood pooled for complement fixation test. This test showed no antibodies. However, this may be due to the dilution factor of the pooled specimen. An investigation as to the original source revealed that the local store had received 3 shipments of birds from as many sources, 2 in California and 1 in Texas. The birds placed in a common cage were probably from all 3 sources.

Histoplasmosis

The California Department of Public Health has reported a case of histoplasmosis. The patient was born in Missouri and came to San Joaquin Valley many years ago. In September 1954 he returned to Missouri for about 6 weeks. While there he helped feed cattle on a farm. A change was noted in his

health early last summer. Prior to admission to a hospital he had lost 20 pounds. Upon hospital admission his blood count showed a secondary anemia and there was 7-percent eosinophilia. He had a low grade fever. An X-ray showed a large, thin-walled cavity in the right upper lung with some questionable areas of cyst-like formation scattered throughout the left lung and partly in the right lung. The isolation of *Histoplasma capsulatum* from this case appears to be the first isolation of this organism in the State Division of Laboratories.

Salmonellosis

The California State Department of Public Health has reported an outbreak of salmonellosis, the fourth recently occurring in a particular club. Of 120 persons eating a meal in the club, 81 became ill with nausea, chills, diarrhea, cramps, disturbed vision, numbness, fainting, and headache, from 9 to 84 hours later. Information obtained indicated that turkey served at the banquet was the vehicle of infection. However, other foods may have been contaminated. None of the food was available for bacteriologic examination. Stool specimens from 3 of 5 foodhandlers were positive for *Salmonella typhimurium*. These 3 were employed at 2 previous banquets, and it is assumed that they were in an infective state when the last banquet was served.

Gastro-enteritis

The New York State Department of Health has reported an outbreak of gastro-enteritis among 16 persons who ate in a club. Of these, 14 became ill with nausea, vomiting, and diarrhea, from 2 to 6 hours later. Bacteriologic examination of hollandaise sauce and brocolli (frozen type) on which it was served showed hemolytic, coagulase-positive *Staphylococcus aureus*.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

Center	Clinic hours	Fee
Davidson County Department of Public Health Davidson County Court House Nashville 3, Tennessee Tel. ALpine 5-7601	Wednesday, 8 a. m. - 4 p. m.	No

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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 14, 1956 AND APRIL 13, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		15th week		Cumulative first 15 weeks		082		15th week		Cumulative first 15 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	23	13	22	26	326	583	26	28	369	417	5,744	7,427
NEW ENGLAND-----	-	1	1	-	9	4	1	1	19	16	304	493
Maine-----	-	-	-	-	1	-	-	-	8	2	92	121
New Hampshire-----	-	-	-	-	-	1	-	-	1	-	7	16
Vermont-----	-	1	-	-	-	-	-	-	1	5	53	75
Massachusetts-----	-	-	1	-	8	3	1	-	7	5	83	106
Rhode Island-----	-	-	-	-	-	-	-	1	-	1	26	53
Connecticut-----	-	-	-	-	-	-	-	-	2	3	43	122
MIDDLE ATLANTIC-----	-	-	-	-	26	20	7	7	54	72	781	1,421
New York-----	-	-	-	-	18	8	7	6	33	30	422	767
New Jersey-----	-	-	-	-	5	5	-	1	11	17	124	139
Pennsylvania-----	-	-	-	-	3	7	-	-	10	25	235	515
EAST NORTH CENTRAL-----	8	-	2	4	25	120	-	4	93	68	1,125	1,171
Ohio-----	1	-	-	1	5	10	-	1	23	10	286	285
Indiana-----	-	-	1	2	7	63	-	-	17	21	158	181
Illinois-----	4	-	-	1	-	2	-	-	6	13	231	297
Michigan-----	2	-	1	-	12	44	-	3	37	24	327	264
Wisconsin-----	1	-	-	-	1	1	-	-	10	-	123	144
WEST NORTH CENTRAL-----	7	6	1	2	31	63	1	-	13	40	371	668
Minnesota-----	-	1	1	1	19	24	-	-	-	13	123	199
Iowa-----	3	4	-	-	4	14	-	-	5	11	87	169
Missouri-----	3	-	-	1	-	6	-	-	-	2	74	32
North Dakota-----	-	-	-	-	1	-	-	-	3	4	54	60
South Dakota-----	1	1	-	-	4	1	-	-	5	6	17	98
Nebraska-----	-	-	-	-	1	16	1	-	-	3	10	60
Kansas-----	-	-	-	-	2	2	-	-	-	1	6	50
SOUTH ATLANTIC-----	1	-	8	3	94	109	1	-	36	40	418	453
Delaware-----	-	-	-	-	-	-	-	-	-	5	4	13
Maryland-----	-	-	-	-	1	-	-	-	6	2	47	45
District of Columbia-----	-	-	-	-	-	1	-	-	-	-	8	7
Virginia-----	-	-	1	1	3	16	-	-	17	13	169	192
West Virginia-----	-	-	-	-	1	4	-	-	1	2	35	21
North Carolina-----	-	-	1	-	16	16	1	-	-	2	32	41
South Carolina-----	-	-	-	2	16	18	-	-	1	5	11	22
Georgia-----	-	-	1	-	18	23	-	-	6	7	51	56
Florida-----	1	-	5	-	39	31	-	-	5	4	61	56
EAST SOUTH CENTRAL-----	2	4	1	3	46	87	2	2	47	45	837	666
Kentucky-----	1	1	-	-	11	4	1	-	22	11	334	196
Tennessee-----	-	2	-	-	4	16	1	1	12	14	347	307
Alabama-----	-	-	-	2	17	47	-	1	9	11	92	69
Mississippi-----	1	1	1	1	14	20	-	-	4	9	64	94
WEST SOUTH CENTRAL-----	-	1	9	12	80	143	1	2	25	49	385	544
Arkansas-----	-	-	1	3	6	16	-	-	1	4	31	57
Louisiana-----	-	-	4	1	6	14	-	-	-	6	21	30
Oklahoma-----	-	-	-	4	11	43	-	-	-	1	54	32
Texas-----	-	1	4	4	57	70	1	2	24	38	279	425
MOUNTAIN ¹ -----	1	-	-	2	10	13	1	-	21	25	532	823
Montana-----	-	-	-	-	2	-	-	-	10	3	72	231
Idaho-----	-	-	-	-	1	-	-	-	-	7	130	105
Wyoming-----	-	-	-	1	1	3	-	-	-	-	15	40
Colorado-----	-	-	-	1	1	3	-	-	2	6	70	169
New Mexico-----	-	-	-	-	4	1	-	-	6	-	201	75
Arizona-----	-	-	-	-	1	5	1	-	1	9	101	175
Utah-----	1	-	-	-	-	1	-	-	1	-	23	26
Nevada-----	-	-	-	-	-	-	-	-	-	-	20	2
PACIFIC-----	4	1	-	-	5	24	12	12	61	62	991	1,188
Washington-----	-	1	-	-	-	2	-	-	4	19	149	268
Oregon-----	1	-	-	-	1	8	-	-	17	8	212	228
California-----	3	-	-	-	4	14	12	12	40	35	630	692
Alaska-----	-	-	-	-	-	-	-	-	-	8	29	33
Hawaii-----	-	-	-	-	-	-	-	-	1	-	13	15
Puerto Rico-----	-	-	-	-	11	15	-	-	-	1	32	71

¹Data exclude report for Idaho for the current week.

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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 14, 1956 AND APRIL 13, 1957—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 ²				Paralytic		Nonparalytic		110-117		085	
	15th week		Cumulative first 15 weeks		080.0,080.1		080.2		110-117		085	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	33	82	592	1,216	17	48	14	21	3	3	20,634	29,443
NEW ENGLAND-----	-	1	5	36	-	1	-	-	-	-	1,481	270
Maine-----	-	-	1	7	-	-	-	-	-	-	300	12
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	26	2
Vermont-----	-	-	-	7	-	-	-	-	-	-	169	39
Massachusetts-----	-	1	1	18	-	1	-	-	-	-	397	102
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	52	20
Connecticut-----	-	-	3	-	-	-	-	-	-	-	537	95
MIDDLE ATLANTIC-----	1	5	21	84	-	2	1	1	-	-	3,670	5,000
New York-----	1	1	15	59	-	1	1	-	-	-	1,565	2,001
New Jersey-----	-	2	2	8	-	1	-	1	-	-	1,470	768
Pennsylvania-----	-	2	4	17	-	-	-	-	-	-	635	2,231
EAST NORTH CENTRAL-----	8	5	65	88	2	3	5	1	1	-	3,256	8,588
Ohio-----	2	-	12	20	-	-	1	-	1	-	340	1,631
Indiana-----	4	-	17	7	1	-	3	-	-	-	491	1,179
Illinois-----	-	2	7	16	-	2	-	-	-	-	313	2,266
Michigan-----	2	1	21	27	1	1	1	-	-	-	738	2,471
Wisconsin-----	-	2	8	18	-	-	-	1	-	-	1,374	1,041
WEST NORTH CENTRAL-----	2	4	57	56	-	1	1	3	-	-	1,315	886
Minnesota-----	-	2	2	10	-	1	-	1	-	-	633	32
Iowa-----	-	-	4	11	-	-	-	-	-	-	298	299
Missouri-----	1	1	16	16	-	-	-	1	-	-	192	145
North Dakota-----	-	-	-	2	-	-	-	-	-	-	174	99
South Dakota-----	-	-	2	8	-	-	-	-	-	-	16	31
Nebraska-----	1	1	22	3	-	-	1	1	-	-	2	165
Kansas-----	-	-	11	6	-	-	-	-	-	-	-	115
SOUTH ATLANTIC-----	4	10	93	102	3	4	1	2	1	-	1,187	3,999
Delaware-----	-	-	1	1	-	-	-	-	-	-	5	32
Maryland-----	-	-	-	4	-	-	-	-	-	-	56	483
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	36	96
Virginia-----	1	-	9	4	-	-	1	-	-	-	260	1,415
West Virginia-----	-	1	4	4	-	1	-	-	-	-	70	606
North Carolina-----	-	2	12	25	-	2	-	-	-	-	83	378
South Carolina-----	-	1	22	8	-	-	-	1	-	-	161	547
Georgia-----	3	-	16	12	3	-	-	-	-	-	175	272
Florida-----	-	6	29	44	-	1	-	1	1	-	341	170
EAST SOUTH CENTRAL-----	3	3	42	49	3	1	-	1	-	-	1,848	1,903
Kentucky-----	-	-	2	19	-	-	-	-	-	-	680	745
Tennessee-----	3	-	12	7	3	-	-	-	-	-	680	812
Alabama-----	-	-	11	1	-	-	-	-	-	-	414	231
Mississippi-----	-	3	17	22	-	1	-	1	-	-	74	115
WEST SOUTH CENTRAL-----	7	23	133	267	5	16	2	4	-	3	2,448	5,055
Arkansas-----	1	1	7	10	1	1	-	-	-	-	36	422
Louisiana-----	2	5	25	40	2	4	-	1	-	1	87	38
Oklahoma-----	-	-	7	11	-	-	-	-	-	-	68	497
Texas-----	4	17	94	206	2	11	2	3	-	2	2,257	4,098
MOUNTAIN ¹ -----	2	5	43	75	1	3	1	1	-	-	1,410	1,561
Montana-----	-	1	2	5	-	1	-	-	-	-	125	333
Idaho-----	-	1	11	10	-	-	-	1	-	-	-	78
Wyoming-----	-	1	1	3	-	1	-	-	-	-	5	44
Colorado-----	1	1	8	7	1	1	-	-	-	-	110	450
New Mexico-----	-	-	3	3	-	-	-	-	-	-	168	155
Arizona-----	1	-	13	30	-	-	1	-	-	-	322	396
Utah-----	-	-	13	8	-	-	-	-	-	-	661	105
Nevada-----	-	1	2	9	-	-	-	-	-	-	19	-
PACIFIC-----	6	26	133	459	3	17	3	8	1	-	4,019	2,181
Washington-----	-	-	2	20	-	-	-	-	-	-	616	508
Oregon-----	1	6	13	33	-	4	1	1	-	-	547	66
California-----	5	20	118	406	3	13	2	7	1	-	2,856	1,607
Alaska-----	-	-	2	1	-	-	-	-	-	-	-	12
Hawaii-----	-	1	2	44	-	1	-	-	-	-	106	31
Puerto Rico-----	-	-	4	5	-	-	-	-	-	-	67	16

¹Data exclude report for Idaho for the current week.²Includes cases not specified by type, category number 080.3.

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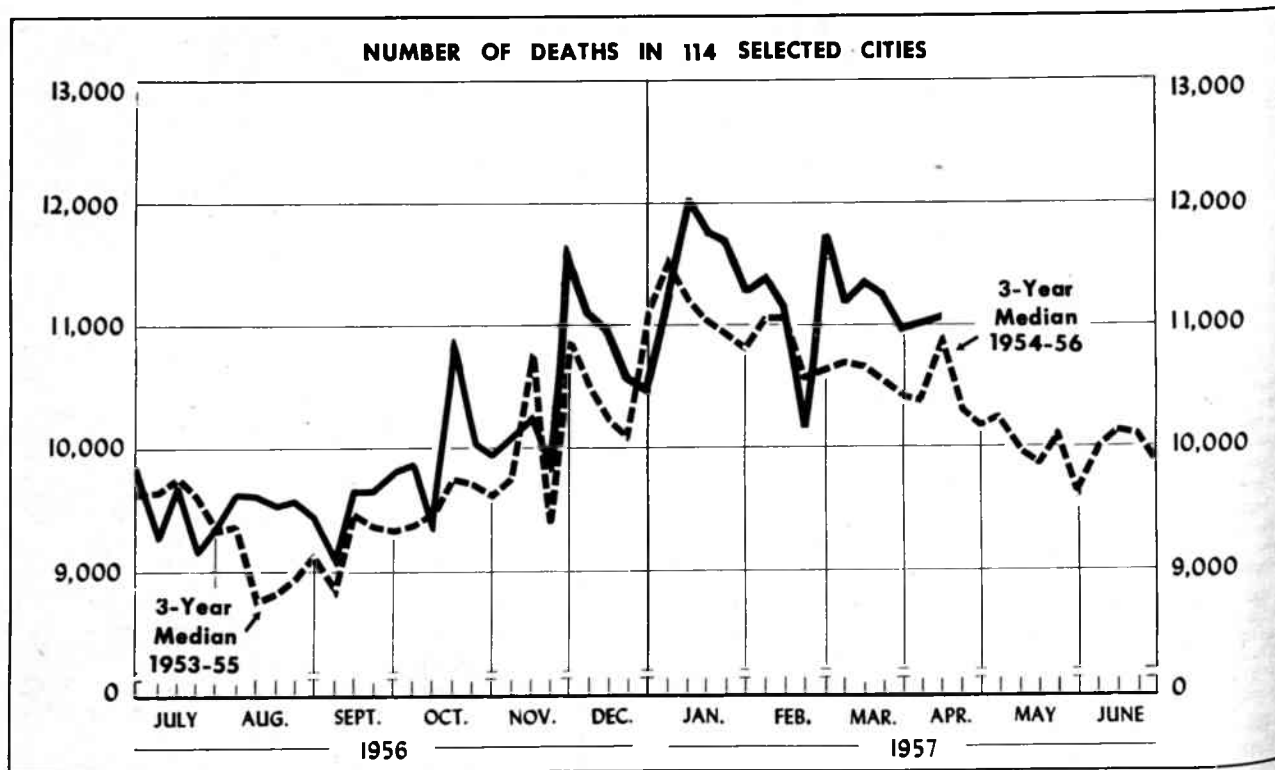
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 14, 1956 AND APRIL 13, 1957—Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		15th week		Cumulative first 15 weeks		101		
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES ¹ -----	72	59	32	14	9	16	29	290	383	1	99	168
NEW ENGLAND-----	4	1	4	-	1	-	-	11	16	-	-	-
Maine-----	1	-	1	-	1	-	-	1	9	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	1	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	-	2	-	-	-	-	3	2	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	4	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	2	4	-	-	-
MIDDLE ATLANTIC-----	13	4	-	7	1	-	3	31	51	-	7	9
New York-----	11	-	-	-	1	-	-	13	17	-	7	9
New Jersey-----	1	3	-	-	-	-	-	9	3	-	-	-
Pennsylvania-----	1	1	-	7	-	-	3	9	31	-	-	-
EAST NORTH CENTRAL-----	16	15	5	1	2	1	7	31	55	-	18	7
Ohio-----	4	3	-	-	-	1	1	15	13	-	16	-
Indiana-----	3	3	2	-	2	-	-	7	6	-	-	5
Illinois-----	2	4	3	1	-	-	-	2	5	-	-	2
Michigan-----	5	3	-	-	-	-	1	5	11	-	1	-
Wisconsin-----	2	2	-	-	-	-	5	2	20	-	1	-
WEST NORTH CENTRAL-----	1	2	-	-	-	2	3	27	59	-	23	23
Minnesota-----	-	-	-	-	-	-	1	2	25	-	9	1
Iowa-----	-	-	-	-	-	-	1	7	10	-	8	14
Missouri-----	-	1	-	-	-	-	1	10	12	-	6	7
North Dakota-----	-	1	-	-	-	-	-	1	4	-	-	1
South Dakota-----	-	-	-	-	-	-	-	3	2	-	-	-
Nebraska-----	1	-	-	-	-	-	-	-	6	-	-	-
Kansas-----	-	-	-	-	-	2	-	4	-	-	-	-
SOUTH ATLANTIC-----	19	13	9	-	4	3	4	61	56	1	18	36
Delaware-----	2	-	-	-	-	-	-	-	1	-	-	-
Maryland-----	1	1	-	-	-	-	1	1	3	-	-	-
District of Columbia-----	-	-	1	-	-	-	1	3	5	-	-	-
Virginia-----	3	4	7	-	2	-	1	13	4	-	7	12
West Virginia-----	1	-	-	-	-	1	-	11	6	-	2	5
North Carolina-----	6	3	-	-	2	-	-	8	10	1	1	2
South Carolina-----	1	-	-	-	-	1	1	3	9	-	4	14
Georgia-----	2	2	1	-	-	-	-	6	9	-	4	1
Florida-----	3	3	-	-	-	1	-	16	9	-	-	2
EAST SOUTH CENTRAL-----	8	5	8	-	-	6	-	52	36	-	10	15
Kentucky-----	2	2	3	-	-	4	-	16	7	-	3	5
Tennessee-----	1	-	2	-	-	2	-	21	20	-	3	-
Alabama-----	5	2	-	-	-	-	-	3	2	-	4	9
Mississippi-----	-	1	3	-	-	-	-	12	7	-	-	1
WEST SOUTH CENTRAL-----	3	11	2	-	1	1	10	44	66	-	19	68
Arkansas-----	-	-	-	-	-	2	-	8	11	-	2	8
Louisiana-----	1	3	-	-	-	3	-	7	12	-	-	345
Oklahoma-----	-	2	2	-	-	2	-	7	10	-	2	-
Texas-----	2	6	-	-	1	1	3	22	33	-	15	15
MOUNTAIN ¹ -----	2	3	4	1	-	1	-	14	12	-	4	1
Montana-----	1	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	1	-	-	-
Wyoming-----	-	1	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	4	-	-	-	-	2	3	-	-	-
New Mexico-----	1	-	-	-	-	-	-	6	5	-	2	1
Arizona-----	-	1	-	-	-	-	-	4	2	-	2	-
Utah-----	-	1	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	6	5	-	5	-	2	2	19	32	-	-	9
Washington-----	1	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	1	-	2	-	-	-	3	4	-	-	-
California-----	5	4	-	3	-	2	2	16	28	-	-	9
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	1	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	3	-	-	1	2	11	16	-	-	-

¹Data exclude report for Idaho for the current week.²Includes delayed reports.

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



The chart shows the number of deaths reported for 114 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 DIVISIONS

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

AREA	15th week ended Apr. 13, 1957	14th week ended Apr. 6, 1957	15th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 15 WEEKS		
					1957	1956	Percent change
TOTAL: 113 REPORTING CITIES-----	10,927	10,948	10,746	+1.7	168,020	165,148	+1.7
New England----- (14 cities)	703	649	669	+5.1	11,151	10,826	+3.0
Middle Atlantic----- (20 cities)	3,250	3,204	3,315	-2.0	49,197	49,071	+0.3
East North Central----- (19 cities)	2,452	2,320	2,358	+4.0	36,277	36,112	+0.5
West North Central----- (9 cities)	715	788	735	-2.7	11,862	11,584	+2.4
South Atlantic----- (11 cities)	920	958	865	+6.4	14,401	14,001	+2.8
East South Central----- (8 cities)	489	532	464	+5.4	7,552	7,502	+0.7
West South Central----- (13 cities)	890	932	779	+14.2	14,155	13,103	+8.0
Mountain----- (8 cities)	302	256	275	+9.8	4,157	3,892	+6.8
Pacific----- (11 cities)	1,206	1,309	1,217	-0.9	19,268	19,057	+1.1

Table 4. DEATHS IN SELECTED CITIES

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

AREA	15th week ended Apr. 13, 1957	14th week ended Apr. 6, 1957	CUMULATIVE NUMBER FIRST 15 WEEKS		AREA	15th week ended Apr. 13, 1957	14th week ended Apr. 6, 1957	CUMULATIVE NUMBER FIRST 15 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	218	232	3,781	3,710	St. Louis, Mo.-----	217	243	3,692	3,795
Bridgeport, Conn.-----	39	34	585	554	St. Paul, Minn.-----	70	67	1,022	1,007
Cambridge, Mass.-----	29	33	480	494	Wichita, Kans.-----	33	39	680	621
Fall River, Mass.-----	30	23	427	450	SOUTH ATLANTIC				
Hartford, Conn.-----	61	47	812	735	Atlanta, Ga.-----	127	116	1,782	1,748
Lovell, Mass.-----	24	26	413	375	Baltimore, Md.-----	267	247	3,782	3,655
Lynn, Mass.-----	27	20	336	319	Charlotte, N. C.-----	33	43	556	488
New Bedford, Mass.-----	31	23	426	379	Jacksonville, Fla.-----	63	62	871	822
New Haven, Conn.-----	42	45	714	777	Miami, Fla.-----	51	39	761	816
Providence, R. I.-----	67	61	989	981	Norfolk, Va.-----	34	35	559	525
Somerville, Mass.-----	13	10	208	246	Richmond, Va.-----	72	76	1,154	1,111
Springfield, Mass.-----	47	30	676	663	Savannah, Ga.-----	30	23	471	437
Waterbury, Conn.-----	18	21	392	382	Tampa, Fla.-----	53	66	1,015	947
Worcester, Mass.-----	57	44	912	761	Washington, D. C.-----	164	212	2,887	2,892
MIDDLE ATLANTIC					Wilmington, Del.-----	26	39	563	560
Albany, N. Y.-----	51	47	787	792	EAST SOUTH CENTRAL				
Allentown, Pa.-----	63	29	601	577	Birmingham, Ala.-----	86	80	1,194	1,214
Buffalo, N. Y.-----	88	187	2,252	2,181	Chattanooga, Tenn.-----	55	57	742	656
Camden, N. J.-----	38	35	608	590	Knoxville, Tenn.-----	40	31	474	582
Elizabeth, N. J.-----	31	20	439	461	Louisville, Ky.-----	71	138	1,679	1,684
Erie, Pa.-----	43	30	541	527	Memphis, Tenn.-----	127	108	1,641	1,569
Jersey City, N. J.-----	64	62	1,105	1,193	Mobile, Ala.-----	34	39	521	517
Newark, N. J.-----	73	117	1,653	1,523	Montgomery, Ala.-----	14	21	343	443
New York City, N. Y.-----	1,670	1,582	24,816	24,613	Nashville, Tenn.-----	62	58	958	837
Paterson, N. J.-----	44	29	608	583	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	514	573	7,603	7,693	Austin, Tex.-----	37	29	480	478
Pittsburgh, Pa.-----	179	174	2,781	2,955	Baton Rouge, La.-----	28	28	412	333
Reading, Pa.-----	28	22	368	341	Corpus Christi, Tex.-----	24	22	304	285
Rochester, N. Y.-----	90	84	1,470	1,518	Dallas, Tex.-----	118	107	1,731	1,577
Schenectady, N. Y.-----	32	25	349	352	El Paso, Tex.-----	41	26	458	422
Scranton, Pa.-----	42	30	594	532	Fort Worth, Tex.-----	61	60	944	918
Syracuse, N. Y.-----	66	55	894	935	Houston, Tex.-----	150	158	2,326	2,057
Trenton, N. J.-----	57	34	732	708	Little Rock, Ark.-----	49	53	853	724
Utica, N. Y.-----	46	38	513	494	New Orleans, La.-----	146	179	2,679	2,596
Yonkers, N. Y.-----	31	31	483	503	Oklahoma City, Okla.-----	40	76	964	968
EAST NORTH CENTRAL					San Antonio, Tex.-----	94	97	1,486	1,350
Akron, Ohio-----	55	59	836	815	Shreveport, La.-----	56	52	744	699
Canton, Ohio-----	31	31	484	417	Tulsa, Okla.-----	46	45	774	696
Chicago, Ill.-----	768	721	11,605	11,718	MOUNTAIN				
Cincinnati, Ohio-----	155	158	2,432	2,476	Albuquerque, N. Mex.-----	37	21	379	369
Cleveland, Ohio-----	236	173	3,258	3,231	Colorado Springs, Colo.-----	17	13	216	217
Columbus, Ohio-----	130	96	1,727	1,724	Denver, Colo.-----	129	106	1,737	1,701
Dayton, Ohio-----	61	90	1,146	1,039	Ogden, Utah-----	10	8	188	189
Detroit, Mich.-----	318	351	5,075	5,057	Phoenix, Ariz.-----	26	31	469	426
Evansville, Ind.-----	27	42	469	542	Pueblo, Colo.-----	10	20	201	196
Flint, Mich.-----	33	40	585	574	Salt Lake City, Utah-----	57	40	653	706
Fort Wayne, Ind.-----	42	29	543	564	Tucson, Ariz.-----	16	17	314	88
Gary, Ind.-----	49	18	453	435	PACIFIC				
Grand Rapids, Mich.-----	49	36	609	656	Berkeley, Calif.-----	15	19	294	288
Indianapolis, Ind.-----	138	129	1,887	1,818	Long Beach, Calif.-----	53	54	868	807
Milwaukee, Wis.-----	142	142	2,001	1,905	Los Angeles, Calif.-----	484	529	7,615	7,648
Peoria, Ill.-----	27	32	446	414	Oakland, Calif.-----	---	(75)	---	(1,451)
South Bend, Ind.-----	17	31	376	373	Pasadena, Calif.-----	25	42	572	577
Toledo, Ohio-----	119	91	1,464	1,497	Portland, Oreg.-----	87	91	1,466	1,503
Youngstown, Ohio-----	55	51	881	857	Sacramento, Calif.-----	42	46	800	771
WEST NORTH CENTRAL					San Diego, Calif.-----	89	79	1,260	1,142
Des Moines, Iowa-----	57	56	833	776	San Francisco, Calif.-----	184	202	3,036	3,116
Duluth, Minn.-----	21	27	397	378	Seattle, Wash.-----	118	160	2,030	1,942
Kansas City, Kans.-----	30	34	482	456	Spokane, Wash.-----	59	50	708	701
Kansas City, Mo.-----	102	128	1,784	1,653	Tacoma, Wash.-----	50	37	619	562
Minneapolis, Minn.-----	130	118	1,885	1,890	Honolulu, Hawaii-----	(36)	(44)	(622)	(532)
Omaha, Nebr.-----	55	76	1,087	1,008					

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

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, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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NUMBER OF REPORTED CASES OF TYPHOID FEVER: FIRST 15 WEEKS, 1956 AND 1957

