

Morbidity and Mortality

Weekly
Report



U. S. Department of
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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 17, 1956

The 39 cases of diphtheria reported for the current week exceeds that for the corresponding week of last year by 13 cases. Of the total this week, 7 were in Indiana, 5 in Texas, 4 in Arkansas, 3 each in Alabama and Tennessee, and 2 each in 5 States located in various sections of the country.

For the first 11 weeks of the current year, 463 cases of diphtheria have been reported in the United States compared with 409 for the same period of 1955. The corresponding 5-year median is 522. Since January 1, 1956, more than half the reported cases have occurred in the East North Central (92), South Atlantic (88), and West South Central (108) Divisions.

EPIDEMIOLOGICAL REPORTS

Influenza

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

Dr. Wm. G. Beadenkopf, New York State Department of Health, reports a high incidence of influenza-like illness during February and early March in several villages of Herkimer and Fulton Counties. In the middle of February, school absenteeism rose to 40 percent, and a community survey indicated that almost two-thirds of school age children and one-third of the adults had respiratory illness during this period. The Division of Laboratories and Research reported significant rise in titer to influenza A from 2 cases in this area. The laboratory also reported serologic evidence of influenza A from a 7-year-old girl in Long Island, having onset the latter part of February.

Dr. Klaus Hummeler, Children's Hospital of Philadelphia, reports the serologic diagnosis of influenza A in a hospital intern in January and in a 6-year-old boy in February.

Dr. W. S. Jordan, Western Reserve University, reports the isolation of two additional strains of influenza A virus from individuals of families experiencing influenza-like illnesses. The two strains are antigenically similar to the previously isolated strains. Such local family outbreaks of influenza-like illness continue to be reported in the Cleveland area, but there has been nothing as yet to suggest an epidemic.

The Division of Preventive Medicine, Bureau of Medicine and Surgery, Department of the Navy, and NAMRU 4 have reported diagnosis of influenza A in 5 individuals at naval installations in Illinois, and one serological diagnosis of influenza B during the month of February.

The Walter Reed Army Institute of Research, Washington, D. C., reports the isolation of an influenza virus related but not identical to A/FLW/1/52 from a patient at an Air Force installation in Maryland. The onset of the illness was the last week in January.

The National Institutes of Health also reports the isolation of influenza A virus similar to A/FLW/1/52 from a physician having onset of severe respiratory illness in the middle of January. He lived in the vicinity of Washington, D. C.

According to the California Influenza Surveillance Report, influenza-like disease in the State showed considerable increase during the 2-week period ended March 10, 1956. The University of California at Berkeley reported a high incidence

during February, and 44 cases were hospitalized during that month; serologic evidence of influenza A infection has been confirmed in 5 persons on whom studies were undertaken. The Viral and Rickettsial Laboratory reported that 7 specimens received from Tehama County during a recent outbreak were positive for influenza A. Epidemiologic investigation of influenza-like disease from San Jose showed that they probably experienced an outbreak of nonspecific respiratory disease early in February, which was followed later in the month by influenza A; serology was negative on the early specimens, but preliminary reports indicate that type A virus has been isolated from a throat washing taken February 28. Strain typing of the organism has not yet been completed. Specimens taken from suspected cases in Mariposa County have been reported as negative. Several blood specimens from San Francisco, San Mateo, and Solano Counties have been reported as positive by the Virus Laboratory in the past 2 weeks. The Marin County Health Department has reported a high incidence of influenza-like disease during recent weeks, and is submitting specimens. An outbreak at a high school in El Dorado County, involving 9 adults and 226 students, has been reported.

Of 344 individuals tested since November 1, 1955, 22 have shown a fourfold or greater rise in antibody titer for influenza A by complement fixation tests with serial blood specimens; 3 have been presumptive positive for influenza A.

Dr. E. H. Lennette, California Department of Public Health, has also reported the serologic diagnosis of 14 cases in California for the week ended March 9.

Possible smallpox

Dr. S. B. Osgood, Oregon State Board of Health, has supplied preliminary information on a case of possible smallpox in a 56-year-old man. He became ill with chills, general malaise, and fever. In 2 days, a rash appeared on his forehead and neck, later spreading to the body and extremities. This is also a case of possible chickenpox since the patient has never had either disease. Smallpox was suspected because of widely distributed cutaneous lesions passing through stages of macule, papule, vesicle, pustule, and crusts. However, the lesions were unilocular and in different stages of development when seen. The patient has had no known exposure to smallpox or chickenpox, but had made a recent trip to Mexico (presence or absence of smallpox, not known), and chickenpox is present in the community where he resides. His wife accompanied him on the recent trip and has developed no illness to date. Neither one had been vaccinated for smallpox for 36 years. The wife was revaccinated for smallpox, and the patient will be revaccinated when the convalescent blood specimen is collected late in March. Laboratory tests on blood specimens, vesicular fluid or pus, and the results of revaccination will be contributing factors in the final diagnosis.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, has reported a case of psittacosis in a 35-year-old man. He became ill with malaise, fatigue, and 7 days later developed chills and fever. A chest X-ray showed scattered areas of infiltration. The complement fixation test for psittacosis was positive

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in a titer of 1:32 or higher in the acute blood specimens. Two of his children have had no symptoms and his wife was ill with a "severe cold" around Christmas, about the time two parakeets were purchased from a local store. One of these birds died about 2 weeks ago and was discarded. The other was sick, and has been sacrificed for attempted virus isolation.

Dr. Mason Romaine, Virginia Department of Health, has reported a case of psittacosis in a 50-year-old man who raises and sells parakeets. Paired blood specimens showed titers of 1:16. No birds have been examined and no cases have been reported from contact with these birds.

Brucellosis

The North Carolina State Board of Health has reported a laboratory confirmed case of human brucellosis. The patient, a 36-year-old man, had been ill for approximately a month. His illness was characterized by weakness, fever, chilly sensations, headache, myalgia, night sweats, and loss of weight. A prostatitis was demonstrated on physical examination. Examination of a blood serum specimen, obtained 3 weeks after onset, disclosed a titer of 1:5120 to brucellosis antigen. The patient was a meat inspector examining the tissues of ten to

seventeen thousand hogs per month. These animals are received from all parts of the United States. Few human cases of brucellosis have been reported in North Carolina—3 in 1954 and 2 in 1955.

Trichiniasis

Dr. H. D. Palmer, District Health Officer, New Jersey Department of Health, has reported an outbreak of trichiniasis from the ingestion of uncooked pork loin. An investigation revealed that a local butcher had purchased fresh pork loin from a plant in Pennsylvania. After boning, the loin was placed in brine for 10 or 12 days, and was then given a cold smoke overnight. The loin was rolled and the product, a German delicacy known as "Lachsschinken," was sold during January and was eaten raw. To date, 12 cases have been diagnosed. A sample of the meat showed about 40 larvae per gram upon digestion. The results of feeding the meat to mice have not yet been reported. The illness was characterized by diarrhea, weakness, periocular edema or conjunctival hemorrhage, facial edema, headache, myalgia, and slight fever. Muscle biopsies on 5 patients showed a worm in 1, and in 4 there were eosinophilic

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	11th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 17, 1956	Ended Mar. 19, 1955	Median 1951-55	First 11 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	3	1	7	7	9	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	-	4	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	15	34	---	181	231	---	---	---	---	---
Diphtheria-----055	39	26	36	463	409	522	1,793	1,626	2,171	July 1
Encephalitis, infectious-----082	37	24	24	250	226	205	1,201	1,578	932	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	495	957	---	5,668	10,353	---	---	---	---	---
Malaria-----110-117	3	5	---	29	39	---	(1)	(1)	(1)	(1)
Measles-----085	20,736	22,467	22,467	139,886	187,369	166,512	168,984	241,838	201,797	Sept. 1
Meningococcal infections-----057	61	89	99	832	1,084	1,242	1,755	2,133	2,503	Sept. 1
Meningitis, other-----340	37	---	---	346	---	---	---	---	---	---
Poliomyelitis-----080	65	68	69	923	941	1,212	29,150	38,128	35,794	Apr. 1
Psittacosis-----096.2	4	5	---	64	74	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	1	-	3	2	2	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	2	(1)	(1)	(1)	(1)
Typhoid fever-----040	15	27	27	263	273	323	1,682	2,150	2,242	Apr. 1
Typhus fever, endemic-----101	5	1	---	16	12	---	(1)	(1)	(1)	(1)
Rabies in animals-----	175	135	166	1,265	1,369	1,897	2,292	2,722	3,472	Oct. 1

¹Frequencies 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.

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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 MARCH 19, 1955 AND MARCH 17, 1956

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

AREA	BRUCELOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		11th week		Cumulative first 11 weeks		082		11th week		Cumulative first 11 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	15	34	39	26	463	409	37	24	495	957	5,668	10,353
NEW ENGLAND-----	-	1	-	1	3	9	-	1	38	70	385	936
Maine-----	-	-	-	-	-	-	-	-	9	2	94	64
New Hampshire-----	-	-	-	-	1	-	-	-	-	1	10	36
Vermont-----	-	-	-	-	-	1	-	-	6	9	59	78
Massachusetts-----	-	-	-	1	2	8	-	-	9	21	83	344
Rhode Island-----	-	-	-	-	-	-	-	-	7	10	47	146
Connecticut-----	-	1	-	-	-	-	-	1	7	27	92	268
MIDDLE ATLANTIC-----	-	1	2	1	16	18	6	6	85	233	1,078	2,566
New York-----	-	1	2	-	7	11	6	6	51	139	613	1,351
New Jersey-----	-	-	-	-	4	1	-	-	8	16	96	169
Pennsylvania-----	-	-	-	1	5	6	-	-	26	78	369	1,046
EAST NORTH CENTRAL-----	3	14	8	2	92	57	10	5	69	131	867	1,567
Ohio-----	-	-	1	1	9	17	1	-	31	30	228	291
Indiana-----	-	-	7	1	44	26	3	2	6	22	118	228
Illinois-----	-	7	-	-	-	2	5	-	10	27	223	328
Michigan-----	3	2	-	-	39	10	1	3	14	36	195	490
Wisconsin-----	-	5	1	-	1	2	-	-	8	16	103	230
WEST NORTH CENTRAL-----	6	10	5	2	54	53	2	-	53	154	541	1,462
Minnesota-----	-	5	1	-	19	22	-	-	33	66	166	520
Iowa-----	3	1	1	-	12	4	-	-	7	44	133	471
Missouri-----	3	1	1	1	4	4	-	-	3	22	24	135
North Dakota-----	-	-	-	-	-	-	1	-	1	3	50	90
South Dakota-----	-	1	-	-	1	12	-	-	4	5	87	153
Nebraska-----	-	-	1	-	16	10	-	-	5	1	38	20
Kansas-----	-	2	2	-	2	1	1	-	-	13	43	73
SOUTH ATLANTIC-----	1	1	3	8	88	109	4	-	41	67	333	958
Delaware-----	-	-	-	-	-	-	-	-	3	1	7	13
Maryland-----	-	-	-	-	-	2	-	-	5	4	33	110
District of Columbia-----	-	-	2	1	1	2	-	-	1	1	7	16
Virginia-----	-	-	1	1	13	8	1	-	17	26	147	434
West Virginia-----	-	-	-	-	3	2	1	-	-	5	16	129
North Carolina-----	-	-	1	1	16	17	-	-	1	16	35	109
South Carolina-----	-	-	1	3	9	20	2	-	3	-	12	17
Georgia-----	-	1	1	1	19	46	-	-	1	3	34	67
Florida-----	1	-	1	-	27	12	-	-	10	11	42	63
EAST SOUTH CENTRAL-----	1	3	8	2	70	55	1	2	46	45	487	519
Kentucky-----	-	-	-	-	4	9	-	-	11	4	137	83
Tennessee-----	1	1	3	-	14	11	1	2	11	31	236	232
Alabama-----	-	-	3	2	42	23	-	-	3	5	45	106
Mississippi-----	-	2	2	-	10	12	-	-	21	5	69	98
WEST SOUTH CENTRAL-----	2	2	13	7	108	91	-	4	42	62	380	505
Arkansas-----	-	-	4	-	10	4	-	-	6	-	37	71
Louisiana-----	1	-	2	-	10	13	-	-	1	3	17	37
Oklahoma-----	-	1	2	3	33	11	-	-	-	2	21	54
Texas-----	1	1	5	4	55	63	-	4	35	57	305	343
MOUNTAIN-----	-	1	-	1	10	1	-	-	42	72	686	799
Montana-----	-	1	-	1	-	1	-	-	11	8	203	80
Idaho-----	-	-	-	-	-	-	-	-	5	11	78	79
Wyoming-----	-	-	-	-	1	-	-	-	7	-	38	25
Colorado-----	-	-	-	-	2	-	-	-	8	13	138	173
New Mexico-----	-	-	-	-	1	-	-	-	6	9	66	173
Arizona-----	-	-	-	-	5	-	-	-	4	30	140	230
Utah-----	-	-	-	-	1	-	-	-	1	1	22	20
Nevada-----	-	-	-	-	-	-	-	-	-	-	1	19
PACIFIC-----	2	1	-	2	22	16	14	6	79	123	911	1,041
Washington-----	-	-	-	2	1	5	-	-	18	20	199	222
Oregon-----	-	-	-	-	7	-	2	-	11	33	171	286
California-----	2	1	-	-	14	11	12	6	50	70	541	533
Alaska-----	-	-	-	-	-	-	-	-	3	-	19	104
Hawaii-----	-	-	-	-	-	-	-	-	-	3	15	16
Puerto Rico-----	-	-	3	1	15	19	-	-	4	-	56	13

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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 MARCH 19, 1955 AND MARCH 17, 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		110-117		085	
	11th week		Cumulative first 11 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	65	68	223	941	39	28	15	18	3	5	20,756	22,467
NEW ENGLAND-----	2	1	33	23	2	1	-	-	1	-	215	5,398
Maine-----	-	-	6	1	-	-	-	-	-	-	9	390
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	7	373
Vermont-----	1	-	6	10	1	-	-	-	-	-	31	353
Massachusetts-----	1	1	17	6	1	1	-	-	-	-	141	2,386
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	2	303
Connecticut-----	-	-	-	3	-	-	-	-	1	-	25	1,593
MIDDLE ATLANTIC-----	4	8	66	110	1	1	-	-	-	-	3,046	5,052
New York-----	3	5	47	63	1	1	-	-	-	-	1,137	1,564
New Jersey-----	1	-	7	15	-	-	-	-	-	-	398	2,858
Pennsylvania-----	-	3	12	32	-	-	-	-	-	-	1,511	630
EAST NORTH CENTRAL-----	6	11	69	94	2	3	2	2	-	1	6,835	3,089
Ohio-----	-	4	16	23	-	-	-	-	-	-	1,839	647
Indiana-----	1	1	7	8	-	-	-	-	-	-	628	163
Illinois-----	3	3	9	16	1	3	1	-	-	1	1,653	463
Michigan-----	-	2	24	37	-	-	-	2	-	-	1,666	820
Wisconsin-----	2	1	13	10	1	-	1	-	-	-	1,049	996
WEST NORTH CENTRAL-----	1	6	46	70	-	1	-	3	-	-	724	1,333
Minnesota-----	-	2	5	11	-	1	-	-	-	-	13	440
Iowa-----	-	-	11	14	-	-	-	-	-	-	212	670
Missouri-----	1	-	13	10	-	-	-	-	-	-	238	100
North Dakota-----	-	-	2	3	-	-	-	-	-	-	26	66
South Dakota-----	-	2	8	7	-	-	-	1	-	-	16	-
Nebraska-----	-	1	1	13	-	-	-	-	-	-	196	-
Kansas-----	-	1	6	12	-	-	-	1	-	-	23	57
SOUTH ATLANTIC-----	7	11	75	162	5	4	2	3	-	-	2,242	586
Delaware-----	-	1	1	2	-	1	-	-	-	-	10	4
Maryland-----	-	-	4	6	-	-	-	-	-	-	568	57
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	97	13
Virginia-----	-	1	2	5	-	-	-	1	-	-	762	111
West Virginia-----	-	-	2	5	-	-	-	-	-	-	344	95
North Carolina-----	2	-	23	29	2	-	-	-	-	-	182	20
South Carolina-----	1	-	7	6	1	-	-	-	-	-	177	77
Georgia-----	1	-	9	13	-	-	1	-	-	-	45	94
Florida-----	3	9	27	296	2	3	1	2	-	-	57	115
EAST SOUTH CENTRAL-----	1	1	37	58	1	-	-	1	-	-	1,131	775
Kentucky-----	1	1	12	22	1	-	-	1	-	-	585	162
Tennessee-----	-	-	6	11	-	-	-	-	-	-	351	428
Alabama-----	-	-	1	7	-	-	-	-	-	-	151	154
Mississippi-----	-	-	18	18	-	-	-	-	-	-	44	31
WEST SOUTH CENTRAL-----	22	13	184	130	12	10	5	2	1	4	3,331	2,329
Arkansas-----	-	2	9	9	-	2	-	-	-	-	265	132
Louisiana-----	2	5	27	22	1	5	1	-	-	-	40	-
Oklahoma-----	1	1	8	16	1	-	-	-	-	1	630	67
Texas-----	19	5	140	83	10	3	4	2	1	3	2,396	2,130
MOUNTAIN-----	1	2	54	65	1	-	-	-	-	-	1,732	780
Montana-----	-	-	4	9	-	-	-	-	-	-	389	3
Idaho-----	-	1	5	8	-	-	-	-	-	-	26	18
Wyoming-----	-	-	2	5	-	-	-	-	-	-	134	-
Colorado-----	-	-	6	12	-	-	-	-	-	-	595	58
New Mexico-----	-	-	2	3	-	-	-	-	-	-	166	201
Arizona-----	1	-	26	5	1	-	-	-	-	-	400	483
Utah-----	-	1	3	15	-	-	-	-	-	-	22	9
Nevada-----	-	-	6	8	-	-	-	-	-	-	-	8
PACIFIC-----	21	15	359	229	15	8	6	7	1	-	1,480	3,125
Washington-----	-	-	19	21	-	-	-	-	-	-	569	388
Oregon-----	1	2	25	18	1	2	-	-	-	-	44	142
California-----	20	13	315	190	14	6	6	7	1	-	867	2,595
Alaska-----	-	-	1	4	-	-	-	-	-	-	15	1
Hawaii-----	2	-	39	5	2	-	-	-	-	-	15	436
Puerto Rico-----	-	17	5	257	-	17	-	-	-	-	22	123

¹Includes cases not specified by type, category number 080.3.

²Includes delayed cases with onset late in 1954.

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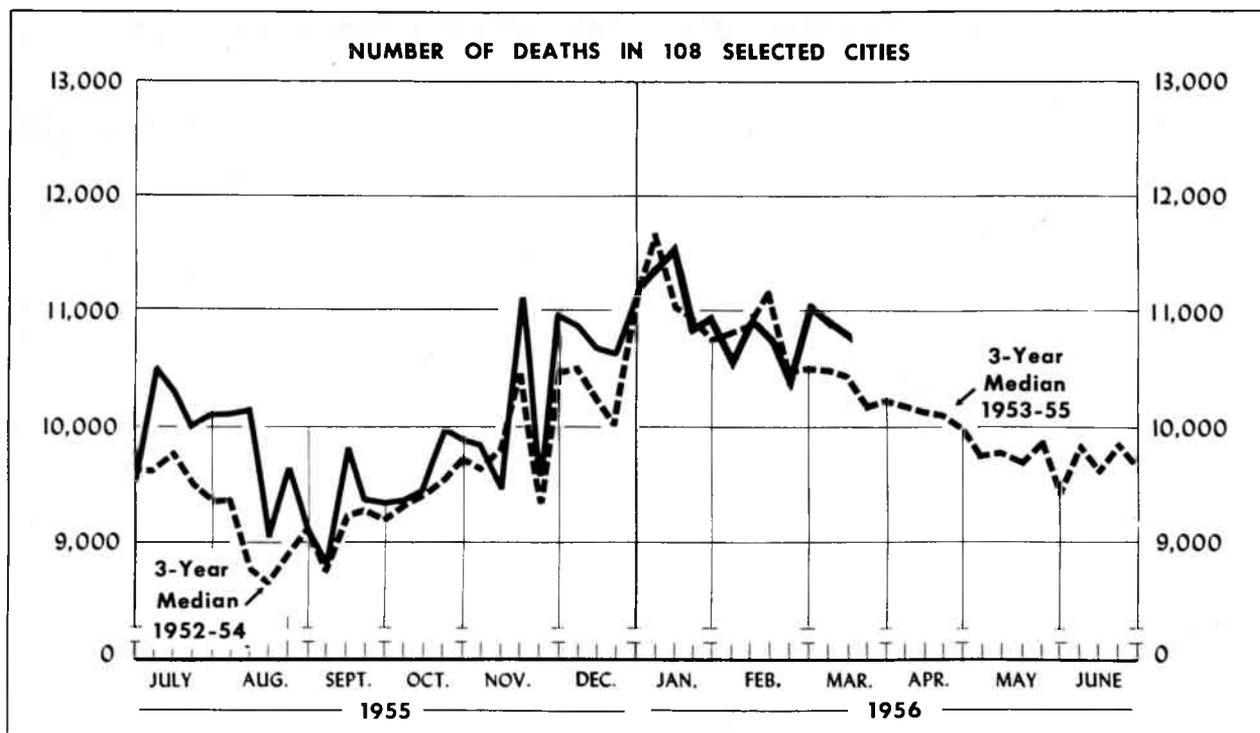
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 19, 1955 AND MARCH 17, 1956—Continued

(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		11th week		Cumulative first 11 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	61	89	37	4	5	15	27	263	273	5	175	135
NEW ENGLAND-----	3	3	2	-	-	4	-	10	4	-	-	-
Maine-----	-	-	-	-	-	1	-	3	1	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	2	-	-	-	-	-	2	3	-	-	-
Rhode Island-----	-	-	2	-	-	1	-	1	-	-	-	-
Connecticut-----	1	1	-	-	-	2	-	4	-	-	-	-
MIDDLE ATLANTIC-----	13	11	-	-	1	3	4	41	39	-	13	15
New York-----	7	2	-	-	-	2	-	15	8	-	8	13
New Jersey-----	2	8	-	-	1	-	-	2	3	-	-	-
Pennsylvania-----	4	1	-	-	-	1	4	24	28	-	5	2
EAST NORTH CENTRAL-----	11	26	15	-	-	1	1	32	32	-	9	8
Ohio-----	2	5	-	-	-	-	1	9	19	-	2	2
Indiana-----	1	-	2	-	-	-	-	4	-	-	6	2
Illinois-----	3	9	11	-	-	-	-	5	7	-	1	3
Michigan-----	2	8	2	-	-	-	-	6	5	-	-	-
Wisconsin-----	3	4	-	-	-	1	-	8	1	-	-	1
WEST NORTH CENTRAL-----	5	4	1	2	1	-	3	45	17	-	5	11
Minnesota-----	1	1	-	1	1	-	-	22	1	-	2	1
Iowa-----	-	2	1	-	-	-	2	6	6	-	-	5
Missouri-----	3	-	-	1	-	-	-	7	6	-	3	3
North Dakota-----	-	-	-	-	-	-	-	4	-	-	-	1
South Dakota-----	-	-	-	-	-	-	1	2	1	-	-	-
Nebraska-----	-	1	-	-	-	-	-	4	2	-	-	1
Kansas-----	1	-	-	-	-	-	-	-	1	-	-	-
SOUTH ATLANTIC-----	7	19	6	1	-	3	4	39	42	1	23	41
Delaware-----	-	-	1	-	-	-	-	1	-	-	2	-
Maryland-----	2	2	-	-	-	-	-	2	1	-	-	-
District of Columbia-----	-	-	-	-	-	1	1	2	1	-	-	-
Virginia-----	2	6	3	1	-	-	1	1	14	-	8	10
West Virginia-----	1	1	-	-	-	-	-	6	3	-	3	10
North Carolina-----	1	6	-	-	-	1	-	8	4	-	3	3
South Carolina-----	1	2	2	-	-	-	-	6	4	-	6	6
Georgia-----	-	-	-	-	-	-	-	5	6	1	1	9
Florida-----	-	2	-	-	-	1	2	8	9	-	-	3
EAST SOUTH CENTRAL-----	1	7	9	-	-	-	5	27	32	1	30	31
Kentucky-----	1	1	5	-	-	-	3	6	20	-	16	10
Tennessee-----	-	2	4	-	-	-	-	13	6	-	6	6
Alabama-----	-	3	-	-	-	-	2	1	6	1	8	12
Mississippi-----	-	1	-	-	-	-	-	7	-	-	-	3
WEST SOUTH CENTRAL-----	9	6	-	-	-	3	7	41	59	3	70	27
Arkansas-----	3	-	-	-	-	-	1	8	11	-	3	5
Louisiana-----	-	1	-	-	-	-	-	7	15	-	3 ⁵³	-
Oklahoma-----	1	-	-	-	-	1	-	7	7	-	-	1
Texas-----	5	5	-	-	-	2	6	19	26	3	14	21
MOUNTAIN-----	4	4	2	-	2	-	1	7	26	-	3	-
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	2	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	1	2	1	-	-	-	-	2	1	-	-	-
New Mexico-----	-	1	1	-	2	-	1	4	13	-	2	-
Arizona-----	2	1	-	-	-	-	-	1	7	-	1	-
Utah-----	-	-	-	-	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	8	9	2	1	1	1	2	21	22	-	22	2
Washington-----	-	-	-	-	1	-	-	-	-	-	-	-
Oregon-----	1	-	2	1	-	-	-	3	2	-	-	-
California-----	7	9	-	-	-	1	2	18	20	-	22	2
Alaska-----	1	-	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	9	-	-	1	-	12	18	-	1	-

³Report for February.

Morbidity and Mortality Weekly Report



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	11th week ended Mar. 17, 1956	10th week ended Mar. 10, 1956	11th week median to 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 11 WEEKS		
					1956	1955	Percent change
TOTAL: 102 REPORTING CITIES-----	10,334	10,394	9,981	+3.5	114,554	112,307	+2.0
New England----- (12 cities)	404	413	432	-6.5	4,884	5,142	-5.0
Middle Atlantic----- (15 cities)	3,090	3,054	3,086	+0.1	33,868	34,295	-1.2
East North Central----- (18 cities)	2,383	2,383	2,262	+5.3	26,312	25,295	+4.0
West North Central----- (8 cities)	783	742	781	+0.3	8,312	7,780	+6.8
South Atlantic----- (9 cities)	819	852	780	+5.0	9,416	8,827	+6.7
East South Central----- (7 cities)	375	355	361	+3.9	4,300	4,188	+2.7
West South Central----- (13 cities)	813	894	739	+10.0	9,602	9,138	+5.1
Mountain----- (8 cities)	264	265	225	+17.3	2,827	2,848	-0.7
Pacific----- (12 cities)	1,403	1,436	1,294	+8.4	15,033	14,794	+1.6

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 17, 1956

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

CITY	11th week ended Mar. 17, 1956	10th week ended Mar. 10, 1956	CUMULATIVE NUMBER FIRST 11 WEEKS		CITY	11th week ended Mar. 17, 1956	10th week ended Mar. 10, 1956	CUMULATIVE NUMBER FIRST 11 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(266)	---	(2,695)	St. Louis, Mo.-----	250	240	2,870	2,457
Bridgeport, Conn.-----	31	34	390	436	St. Paul, Minn.-----	72	63	750	752
Cambridge, Mass.-----	40	27	357	325	Wichita, Kans.-----	34	43	452	443
Fall River, Mass.-----	26	30	316	337	SOUTH ATLANTIC				
Hartford, Conn.-----	26	41	522	565	Atlanta, Ga.-----	127	98	1,282	1,154
Lowell, Mass.-----	---	(35)	---	(265)	Baltimore, Md.-----	224	269	2,734	2,600
Lynn, Mass.-----	21	15	228	274	Charlotte, N. C.-----	23	29	379	372
New Bedford, Mass.-----	16	19	266	270	Jacksonville, Fla.-----	(54)	(50)	(628)	(552)
New Haven, Conn.-----	46	54	575	542	Miami, Fla.-----	42	63	629	600
Providence, R. I.-----	57	57	691	778	Norfolk, Va.-----	34	43	390	398
Somerville, Mass.-----	17	11	174	196	Richmond, Va.-----	75	60	806	763
Springfield, Mass.-----	46	44	487	501	Savannah, Ga.-----	(16)	(27)	(309)	(346)
Waterbury, Conn.-----	27	34	294	306	Tampa, Fla.-----	62	43	691	664
Worcester, Mass.-----	51	47	584	612	Washington, D. C.-----	189	205	2,115	1,847
MIDDLE ATLANTIC					Wilmington, Del.-----	43	42	390	429
Albany, N. Y.-----	66	45	571	535	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(37)	(36)	(412)	(398)	Birmingham, Ala.-----	73	84	901	943
Buffalo, N. Y.-----	152	129	1,628	1,613	Chattanooga, Tenn.-----	33	42	473	516
Camden, N. J.-----	(37)	---	---	(450)	Knoxville, Tenn.-----	34	54	451	400
Elizabeth, N. J.-----	---	(36)	---	(331)	Louisville, Ky.-----	---	(94)	---	(1,251)
Erie, Pa.-----	39	59	396	399	Memphis, Tenn.-----	119	81	1,171	1,110
Jersey City, N. J.-----	73	83	828	841	Mobile, Ala.-----	28	20	370	306
Newark, N. J.-----	81	96	1,116	1,233	Montgomery, Ala.-----	19	31	315	332
New York City, N. Y.-----	1,537	1,543	17,817	18,406	Nashville, Tenn.-----	69	43	619	581
Paterson, N. J.-----	46	32	415	455	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	597	542	5,587	5,533	Austin, Tex.-----	39	40	349	317
Pittsburgh, Pa.-----	206	198	2,224	2,088	Baton Rouge, La.-----	18	42	257	248
Reading, Pa.-----	---	(29)	---	(270)	Corpus Christi, Tex.-----	26	19	221	201
Rochester, N. Y.-----	104	92	1,110	1,082	Dallas, Tex.-----	129	103	1,160	1,071
Schenectady, N. Y.-----	31	32	264	262	El Paso, Tex.-----	30	22	333	307
Scranton, Pa.-----	(27)	(41)	(378)	(392)	Fort Worth, Tex.-----	47	58	650	625
Syracuse, N. Y.-----	64	87	702	628	Houston, Tex.-----	109	134	1,471	1,447
Trenton, N. J.-----	45	55	511	557	Little Rock, Ark.-----	50	45	546	459
Utica, N. Y.-----	26	33	351	333	New Orleans, La.-----	150	179	1,921	1,779
Yonkers, N. Y.-----	23	28	348	330	Oklahoma City, Okla.-----	63	73	705	632
EAST NORTH CENTRAL					San Antonio, Tex.-----	81	96	977	1,013
Akron, Ohio-----	60	58	589	629	Shreveport, La.-----	32	37	507	491
Canton, Ohio-----	28	27	299	293	Tulsa, Okla.-----	39	46	505	548
Chicago, Ill.-----	753	754	8,657	8,196	MOUNTAIN				
Cincinnati, Ohio-----	147	195	1,859	1,737	Albuquerque, N. Mex.-----	21	29	257	315
Cleveland, Ohio-----	232	225	2,325	2,273	Colorado Springs, Colo.-----	16	13	162	151
Columbus, Ohio-----	137	90	1,257	1,230	Denver, Colo.-----	103	118	1,236	1,295
Dayton, Ohio-----	63	57	759	756	Ogden, Utah-----	14	15	138	115
Detroit, Mich.-----	331	358	3,715	3,682	Phoenix, Ariz.-----	26	31	316	301
Evansville, Ind.-----	34	32	413	363	Pueblo, Colo.-----	22	9	145	156
Flint, Mich.-----	42	31	432	398	Salt Lake City, Utah-----	53	44	510	461
Fort Wayne, Ind.-----	36	33	424	353	Tucson, Ariz.-----	9	6	63	54
Gary, Ind.-----	(36)	(30)	(336)	(297)	PACIFIC				
Grand Rapids, Mich.-----	42	52	467	448	Berkeley, Calif.-----	24	28	230	190
Indianapolis, Ind.-----	144	114	1,353	1,266	Long Beach, Calif.-----	53	54	622	581
Milwaukee, Wis.-----	122	117	1,416	1,357	Los Angeles, Calif.-----	523	545	5,648	5,594
Peoria, Ill.-----	32	29	319	312	Oakland, Calif.-----	99	81	1,041	1,044
South Bend, Ind.-----	32	21	281	278	Pasadena, Calif.-----	33	35	422	405
Toledo, Ohio-----	102	120	1,126	1,118	Portland, Ore.-----	112	115	1,136	1,042
Youngstown, Ohio-----	46	70	621	606	Sacramento, Calif.-----	67	55	559	541
WEST NORTH CENTRAL					San Diego, Calif.-----	75	80	819	875
Des Moines, Iowa-----	56	57	599	545	San Francisco, Calif.-----	196	231	2,265	2,192
Duluth, Minn.-----	16	31	263	295	Seattle, Wash.-----	135	141	1,396	1,444
Kansas City, Kans.-----	---	---	---	(409)	Spokane, Wash.-----	54	43	497	466
Kansas City, Mo.-----	134	113	1,223	1,240	Tacoma, Wash.-----	32	28	398	420
Minneapolis, Minn.-----	150	142	1,411	1,329	Honolulu, Hawaii-----	(34)	(33)	(384)	(392)
Omaha, Nebr.-----	71	53	744	719					

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

EPIDEMIOLOGICAL REPORTS—Continued

granulomas consistent with trichiniasis. All showed eosinophilia of 14 to 43 percent.

Dr. S. B. Osgood has reported 2 cases of trichiniasis in unrelated households in Oregon. The patients had no contact with each other, and developed clinical symptoms of trichiniasis—muscular pains, suborbital edema, headaches, and malaise. Both had purchased varying types of pork products from a retail market for the past year. Both claimed that it was cooked well before consumption. No meat was available for laboratory examination, but the diagnosis was confirmed by increases of 18 and 32 percent in eosinophiles.

Infectious hepatitis

According to a report from New Mexico for the week ended March 10, an outbreak of infectious hepatitis has occurred in Catron County. At least 19 cases have been reported during the last 2 months in a small lumbering community. As a preventive measure, some 235 persons in the community have been given gamma globulin.

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