

Morbidity and Mortality

Weekly
Report



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HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 18, 1956

Only 16 cases of typhoid fever were reported as compared with 33 for the corresponding week of last year. The 16 cases were in 11 States scattered throughout the country.

EPIDEMIOLOGICAL REPORTS

Influenza

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

Dr. S. S. Kalter, New York State University at Syracuse, gives additional information on last week's report of the isolation of a hemagglutinating agent. Hemagglutination inhibition of the virus was obtained with Cuppett (FW-1-50) antisera.

Dr. W. S. Jordan, Jr., Western Reserve University at Cleveland, reports the isolation of 2 strains of influenza A-prime virus.

Dr. Fred M. Davenport, Michigan School of Public Health, reports the isolation of 3 strains of influenza A-prime virus in Ann Arbor during the 2-week period ended February 18. Antibody response was demonstrated in one patient, but there is no marked increase in total respiratory disease.

Dr. Henry Wisniewski, Milwaukee Department of Health, reports possible influenza A-prime by serological tests. Several virus isolations have been attempted and studies are continuing.

Dr. Henry Bauer, Minnesota Department of Health, reports that an influenza virus, apparently related to type A-prime (FM 1), has been isolated from a throat washing collected February 1, 1956, from a patient with symptoms of influenza.

Washington State Department of Health reported 717 cases of influenza and epidemic respiratory infection for the current week. However, no laboratory confirmations were received.

Leptospirosis

The Division of Veterinary Medicine, Walter Reed Army Institute of Research, has provided the following report on a case of leptospirosis with unusual serologic findings. A 4-year-old boy was admitted to Valley Forge Army Hospital, Phoenixville, Pennsylvania, on November 27, 1955, exhibiting fever to 105 degrees and convulsions. The previous day he had been noted to have pharyngitis. He became partially comatose for 1 week. Three lumbar punctures showed a cell count of 15,000, largely neutrophils. His white blood count ranged from 15,000 to 37,000 cells with neutrophils predominating. Recovery occurred with some residual signs pointing to the frontal lobe, i. e., mood swings and echolalia.

Serologic tests were negative for mumps, herpes simplex, Eastern equine encephalomyelitis, and poliomyelitis. Sera drawn on the 3d and 5th days of the disease were negative in a micro-agglutination-lysis test for leptospirosis. Sera drawn on the 20th and 35th days of the disease were positive at dilutions of 1:100 to 1:400 for 3 members of the *Leptospira pyrogenes* group (*L. newman*, *L. australis* B, and *L. pyrogenes*) but not for the 20 remaining strains tested. Members of the *L. pyrogenes* serotype have heretofore been reported only from southeast Asia.

Psittacosis

The Washington State Department of Health has reported a case of psittacosis in a 30-year-old man. His illness was characterized by high fever, chills, severe headache, pneumonic process by X-ray, and leukopenia. The diagnosis of psittacosis was confirmed by complement fixation tests. Six weeks before onset of his illness, the patient purchased a parakeet which died within a week. Later he purchased another. This bird and one owned for 4 years have remained well. No laboratory tests have been made on any of the birds.

The California Department of Public Health has reported a case of psittacosis in a 56-year-old man. The patient had general malaise without localized symptoms or signs. A chest X-ray showed moderate soft diffuse infiltrate of the type seen in atypical pneumonia. Complement fixation titer on blood specimens rose from 1:8 to 1:64 for psittacosis. The patient has had pet psittacine birds in his home for at least 2 years. The present birds are well, and no laboratory tests have been made on any of them.

Botulism

Dr. Fred E. Tosh, Colorado Department of Health, has supplied information on 5 cases of botulism which occurred in December 1955. An investigation revealed that a jar of home canned chili peppers was the vehicle of infection. Of 13 jars canned in 1953, this was the only one found to contain type A *parabotulinus*. The woman who canned the chili peppers has done this many times and is accustomed to canning a large variety of foods. The procedure used was no different from that commonly used in the area.

None of the 1953 lot was consumed until early in December 1955 when a jar was opened and the chili peppers were eaten by at least 6 persons. The next jar was opened by the husband who took it to work. That day he and several of his friends ate lunch together and played cards. The contents of the jar was eaten by the husband and 4 of his companions. The following day he and 1 companion became ill and were excused from work. Their main complaint was difficulty in seeing clearly and both went to see different ophthalmologists. Later in the day 1 patient who could barely walk and who conversed with great difficulty was admitted to a hospital. Here botulism was suspected. The other patient was contacted and also admitted to the hospital. Later their 3 companions, 2 of whom experienced only diarrhea, were admitted to the hospital as possible botulinus cases. Botulism antitoxin was given and all 5 have recovered.

Salmonellosis

Dr. Fred T. Foard, North Carolina State Board of Health, has reported an outbreak of salmonellosis following benefit dinners sponsored by a local high school. The total number of persons ill is not known, but it has been estimated to be at least 200 of the approximately 1,300 persons who participated in the noon and evening meals. *Salmonella newport* was isolated from samples of potato salad submitted for examination. The same organism has been isolated from stool specimens of a considerable number of patients.

Gastro-enteritis

The Los Angeles County Health Department has reported an outbreak of gastro-enteritis among 4 persons in a private household. They all became ill with pain in upper abdomen, vomiting, and diarrhea from $\frac{1}{2}$ to 5 hours after dinner. An investigation revealed that baked ham eaten over a period of 2 days was probably the source of infection. The meat was carved by the husband who had undergone a recent colostomy, a possible source of contamination. Bacteriological examination of the ham revealed a few nonpigmented coagulase negative, gram positive cocci showing no hemolysis on blood agar.

The California Department of Public Health has reported an outbreak of gastro-enteritis associated with a cafe. Eight persons became ill with headache, nausea, abdominal pain,

vomiting, and diarrhea from $3\frac{1}{2}$ to $11\frac{1}{2}$ hours after eating in the establishment. A Roquefort type of salad dressing was suspected to be the vehicle of infection, but none was available for bacteriological examination. The dressing consisted of mayonnaise, chopped scallions, Roquefort cheese, garlic, parsley, and salad oil. It was made in 5-gallon lots on a power mixer and supposedly was maintained under refrigeration.

Communicable diseases in other areas

Information has been received from the Pan American Sanitary Bureau, WHO, that the Director of the Gorgas Memorial Laboratory has reported that the liver of a monkey from Morales Municipio, Izabel Department, Guatemala, was found positive for yellow fever on histopathological examination.

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	7th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 18, 1956	Ended Feb. 19, 1955	Median 1951-55	First 7 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	1	6	4	4	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	-	4	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	13	18	---	109	130	---	---	---	---	---
Diphtheria-----055	41	28	54	294	300	336	1,624	1,517	2,007	July 1
Encephalitis, infectious-----082	19	13	16	138	129	116	1,089	1,481	843	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	504	1,004	---	3,550	6,568	---	---	---	---	---
Malaria-----110-117	3	3	---	22	21	---	(1)	(1)	(1)	(1)
Measles-----085	15,180	19,030	17,164	65,766	102,137	76,645	94,864	157,887	112,737	Sept. 1
Meningococcal infections-----057	75	73	119	536	672	779	1,459	1,764	1,967	Sept. 1
Meningitis, other-----340	35	---	---	² 196	---	---	---	---	---	---
Poliomyelitis-----080	66	58	92	³ 652	678	907	³ 28,859	37,865	35,475	Apr. 1
Psittacosis-----096.2	11	7	---	40	53	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	3	1	1	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Typhoid fever-----040	16	33	26	176	177	206	1,595	2,054	2,179	Apr. 1
Typhus fever, endemic-----101	1	-	---	7	9	---	(1)	(1)	(1)	(1)
Rabies in animals-----	142	112	162	⁴ 753	827	1,139	⁴ 1,778	2,180	2,683	Oct. 1

¹Frequencies are too small.²Additions: Virginia, week ended February 11, 1 case; Iowa, week ended January 28, 1 case.³Addition: South Carolina, week ended February 4, 1 case. Deduction: Arkansas, week ended January 14, 1 case.⁴Addition: Delaware, week ended February 11, 1 case.

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

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 FEBRUARY 19, 1955 AND FEBRUARY 18, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		7th week		Cumulative first 7 weeks		082		7th week		Cumulative first 7 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	13	18	41	28	*294	300	19	13	504	1,004	*3,550	6,568
NEW ENGLAND-----	2	-	-	3	*-	8	1	1	33	95	*240	619
Maine-----	-	-	-	-	-	-	-	-	4	9	65	49
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	*2	28
Vermont-----	1	-	-	-	-	1	-	-	12	10	35	53
Massachusetts-----	1	-	-	3	-	7	-	1	6	29	52	242
Rhode Island-----	-	-	-	-	-	-	-	-	1	16	29	107
Connecticut-----	-	-	-	-	-	-	1	-	10	31	59	140
MIDDLE ATLANTIC-----	1	-	3	1	7	11	3	3	86	254	700	1,595
New York-----	-	-	1	1	4	7	3	3	45	122	395	858
New Jersey-----	-	-	-	-	-	-	-	-	11	25	61	100
Pennsylvania-----	1	-	2	-	3	4	-	-	30	107	244	637
EAST NORTH CENTRAL-----	1	7	2	8	44	46	4	-	70	181	504	1,075
Ohio-----	-	1	1	4	7	13	-	-	25	25	129	165
Indiana-----	-	-	-	3	3	20	-	-	14	24	66	170
Illinois-----	1	4	-	-	-	2	1	-	4	33	133	244
Michigan-----	-	-	1	1	34	10	3	-	17	77	116	351
Wisconsin-----	-	2	-	-	-	1	-	-	10	22	60	145
WEST NORTH CENTRAL-----	5	7	6	2	52	45	2	1	49	157	341	894
Minnesota-----	2	1	-	2	10	21	-	-	13	58	100	334
Iowa-----	-	5	2	-	11	4	-	-	8	54	91	298
Missouri-----	1	-	-	-	-	3	2	-	4	21	16	73
North Dakota-----	2	-	-	-	-	-	-	-	5	4	32	58
South Dakota-----	-	1	-	-	-	8	-	-	12	16	63	75
Nebraska-----	-	-	4	-	11	9	-	-	6	-	19	17
Kansas-----	-	-	-	-	-	-	-	1	1	4	20	39
SOUTH ATLANTIC-----	-	1	11	5	66	85	1	-	28	87	212	637
Delaware-----	-	-	-	-	-	-	-	-	-	3	2	9
Maryland-----	-	-	-	-	-	1	-	-	3	8	19	75
District of Columbia-----	-	-	1	-	1	-	-	-	-	2	4	14
Virginia-----	-	-	4	-	9	2	-	-	11	35	104	299
West Virginia-----	-	-	1	-	2	2	-	-	2	26	7	87
North Carolina-----	-	-	2	1	13	14	1	-	4	7	26	55
South Carolina-----	-	-	-	3	5	14	-	-	-	-	7	7
Georgia-----	-	1	2	1	15	43	-	-	1	4	21	50
Florida-----	-	-	1	-	21	9	-	-	7	2	22	41
EAST SOUTH CENTRAL-----	2	1	4	1	47	38	-	1	56	38	270	339
Kentucky-----	1	-	-	-	4	7	-	-	16	4	75	54
Tennessee-----	1	-	1	1	9	5	-	1	31	8	140	141
Alabama-----	-	-	2	-	27	19	-	-	7	16	27	78
Mississippi-----	-	1	1	-	7	7	-	-	2	10	28	66
WEST SOUTH CENTRAL-----	-	2	5	6	72	56	3	-	34	34	218	285
Arkansas-----	-	1	1	-	6	4	-	-	2	7	25	45
Louisiana-----	-	-	-	-	8	8	-	-	3	4	10	22
Oklahoma-----	-	-	4	2	19	6	-	-	1	3	15	35
Texas-----	-	1	-	4	39	38	3	-	28	20	168	183
MOUNTAIN-----	1	-	4	-	7	-	-	1	56	98	427	545
Montana-----	-	-	-	-	-	-	-	-	14	15	105	47
Idaho-----	-	-	-	-	-	-	-	-	10	14	55	49
Wyoming-----	1	-	-	-	-	-	-	-	-	-	25	20
Colorado-----	-	-	-	-	-	-	-	-	19	31	87	112
New Mexico-----	-	-	-	-	1	-	-	1	5	12	28	134
Arizona-----	-	-	4	-	5	-	-	-	6	14	112	148
Utah-----	-	-	-	-	1	-	-	-	1	5	15	18
Nevada-----	-	-	-	-	-	-	-	-	-	7	-	17
PACIFIC-----	1	-	6	2	19	11	5	6	92	60	636	579
Washington-----	-	-	1	-	1	1	-	-	27	12	144	124
Oregon-----	-	-	5	-	5	-	-	-	20	23	132	164
California-----	1	-	-	2	13	10	5	6	45	25	360	291
Alaska-----	-	-	-	-	-	-	-	-	1	1	9	97
Hawaii-----	-	-	-	-	-	-	-	-	3	2	10	12
Puerto Rico-----	-	-	-	1	7	10	-	-	5	1	37	10

*Excludes report from New Hampshire 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 FEBRUARY 19, 1955 AND FEBRUARY 18, 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					
	7th week		Cumulative first 7 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-----	66	58	*652	678	41	26	14	13	3	3	15,180	19,030
NEW ENGLAND-----	3	2	*27	20	2	-	-	-	-	-	280	7,080
Maine-----	-	-	5	1	-	-	-	-	-	-	18	452
New Hampshire-----	-	2	*2	3	-	-	-	-	-	-	-	377
Vermont-----	1	-	4	10	1	-	-	-	-	-	42	421
Massachusetts-----	2	-	16	4	1	-	-	-	-	-	175	3,469
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	6	172
Connecticut-----	-	-	-	2	-	-	-	-	-	-	39	2,189
MIDDLE ATLANTIC-----	6	5	51	84	2	1	-	-	-	-	2,103	3,942
New York-----	5	3	37	50	2	1	-	-	-	-	664	1,416
New Jersey-----	-	-	3	12	-	-	-	-	-	-	299	1,766
Pennsylvania-----	1	2	11	22	-	-	-	-	-	-	1,140	760
EAST NORTH CENTRAL-----	1	9	46	70	1	3	-	1	-	1	3,466	2,577
Ohio-----	-	5	9	17	-	-	-	1	-	-	910	493
Indiana-----	1	1	3	4	1	1	-	-	-	-	207	110
Illinois-----	-	-	4	10	-	-	-	-	-	1	833	306
Michigan-----	-	3	19	31	-	2	-	-	-	-	927	942
Wisconsin-----	-	-	11	8	-	-	-	-	-	-	589	726
WEST NORTH CENTRAL-----	4	2	30	45	-	1	2	1	-	-	1,176	1,020
Minnesota-----	-	1	2	6	-	1	-	-	-	-	13	489
Iowa-----	2	-	10	12	-	-	1	-	-	-	210	179
Missouri-----	1	-	8	8	-	-	-	-	-	-	174	86
North Dakota-----	-	-	1	3	-	-	-	-	-	-	51	177
South Dakota-----	1	1	7	3	-	-	1	1	-	-	21	37
Nebraska-----	-	-	-	6	-	-	-	-	-	-	112	1
Kansas-----	-	-	2	7	-	-	-	-	-	-	595	51
SOUTH ATLANTIC-----	3	12	47	126	2	5	1	5	-	1	1,868	361
Delaware-----	-	-	1	1	-	-	-	-	-	-	9	-
Maryland-----	-	1	4	6	-	1	-	-	-	-	566	25
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	72	7
Virginia-----	1	-	2	2	1	-	-	-	-	-	427	35
West Virginia-----	1	-	1	5	1	-	-	-	-	-	329	84
North Carolina-----	-	3	20	25	-	1	-	1	-	-	165	14
South Carolina-----	-	1	24	5	-	-	-	-	-	-	92	72
Georgia-----	-	-	5	11	-	-	-	-	-	-	159	92
Florida-----	1	7	10	571	-	3	1	4	-	1	49	32
EAST SOUTH CENTRAL-----	3	2	24	38	1	-	1	-	-	-	621	471
Kentucky-----	2	-	9	15	1	-	1	-	-	-	348	68
Tennessee-----	-	1	1	7	-	-	-	-	-	-	211	245
Alabama-----	-	1	1	5	-	-	-	-	-	-	36	94
Mississippi-----	1	-	13	11	-	-	-	-	-	-	26	64
WEST SOUTH CENTRAL-----	9	3	114	78	4	3	2	-	-	1	3,267	1,367
Arkansas-----	1	-	29	6	1	-	-	-	-	-	214	45
Louisiana-----	-	1	16	11	-	1	-	-	-	-	7	1
Oklahoma-----	-	-	6	11	-	-	-	-	-	-	406	26
Texas-----	8	2	83	50	3	2	2	-	-	1	2,640	1,295
MOUNTAIN-----	4	6	41	52	3	3	1	-	-	-	1,343	460
Montana-----	-	-	4	8	-	-	-	-	-	-	207	11
Idaho-----	-	2	4	5	-	-	-	-	-	-	19	15
Wyoming-----	1	1	2	4	-	1	1	-	-	-	101	3
Colorado-----	-	1	3	9	-	1	-	-	-	-	641	24
New Mexico-----	-	-	-	2	-	-	-	-	-	-	69	69
Arizona-----	3	1	19	4	3	-	-	-	-	-	274	324
Utah-----	-	-	3	12	-	-	-	-	-	-	32	12
Nevada-----	-	1	6	8	-	1	-	-	-	-	-	2
PACIFIC-----	33	17	270	165	26	10	7	6	3	-	1,056	1,752
Washington-----	1	1	14	19	1	-	-	-	-	-	322	413
Oregon-----	1	1	21	11	1	1	-	-	-	-	43	122
California-----	31	15	235	135	24	9	7	6	3	-	681	1,217
Alaska-----	-	-	1	2	-	-	-	-	-	-	13	3
Hawaii-----	5	-	33	2	3	-	2	-	-	-	13	185
Puerto Rico-----	-	24	4	174	-	24	-	-	-	-	26	110

*Excludes report from New Hampshire for the current week.

¹Includes cases not specified by type, category number 080.3.²Corrected figure.³Includes 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 FEBRUARY 19, 1955 AND FEBRUARY 18, 1956--Continued

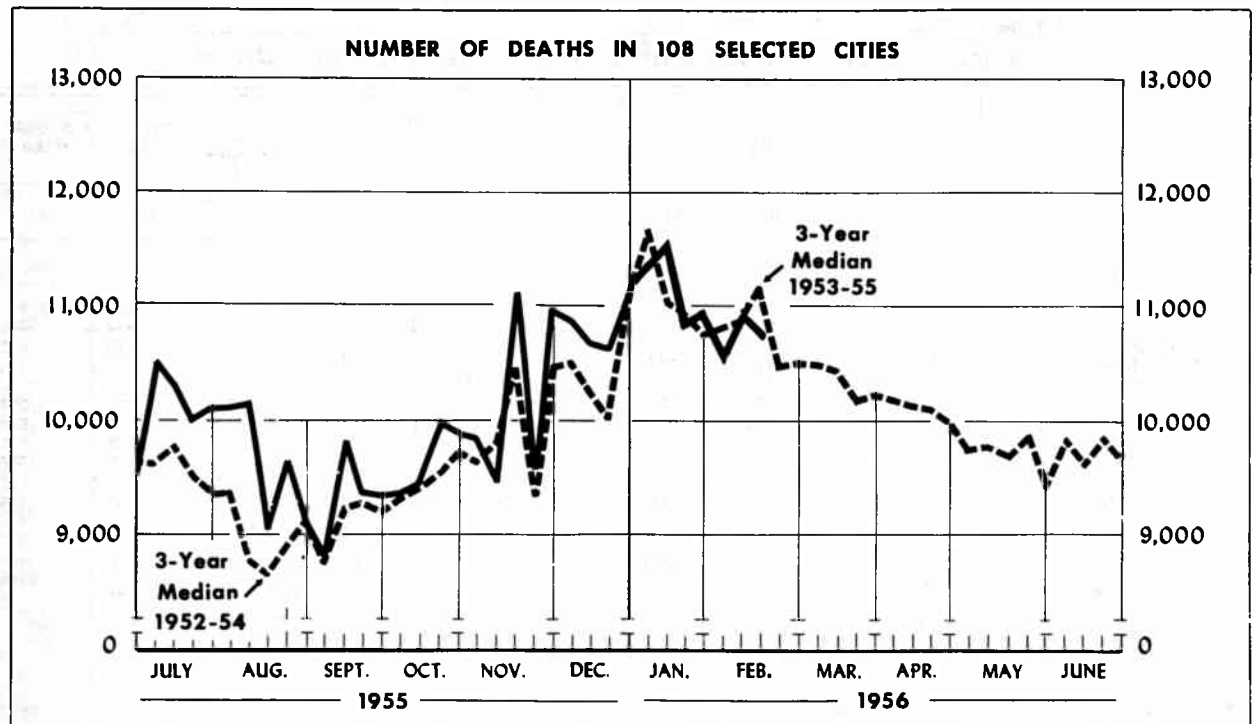
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		7th week		Cumulative first 7 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	75	73	35	11	7	16	33	*176	177	1	142	112
NEW ENGLAND-----	2	8	7	-	-	-	-	*2	4	-	-	-
Maine-----	1	1	-	-	-	-	-	-	1	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	5	-	-	-	-	1	3	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	-	-
Connecticut-----	1	5	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	7	8	-	4	1	3	4	22	23	-	8	16
New York-----	1	2	-	1	1	-	-	6	4	-	7	7
New Jersey-----	2	1	-	-	-	-	1	2	2	-	-	-
Pennsylvania-----	4	5	-	3	-	3	3	14	17	-	1	9
EAST NORTH CENTRAL-----	14	14	5	1	3	2	2	22	28	-	13	5
Ohio-----	1	1	-	1	-	-	1	5	16	-	9	2
Indiana-----	2	4	-	-	-	-	-	4	-	-	3	1
Illinois-----	4	4	4	-	1	-	-	2	6	-	-	1
Michigan-----	6	3	1	-	1	-	1	5	5	-	-	-
Wisconsin-----	1	2	-	-	1	2	-	6	1	-	1	1
WEST NORTH CENTRAL-----	4	4	1	1	-	2	1	31	7	-	5	10
Minnesota-----	1	2	-	1	-	1	-	16	-	-	4	2
Iowa-----	-	1	1	-	-	-	-	3	1	-	-	3
Missouri-----	3	-	-	-	-	1	1	4	6	-	-	4
North Dakota-----	-	1	-	-	-	-	-	4	-	-	-	1
South Dakota-----	-	-	-	-	-	-	-	2	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	2	-	-	1	-
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	10	11	8	1	1	3	7	27	30	-	22	36
Delaware-----	-	-	-	-	1	-	-	1	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	1	-	-	-	-
District of Columbia-----	-	-	1	-	-	-	-	-	-	-	-	-
Virginia-----	3	1	3	-	-	-	5	-	11	-	10	7
West Virginia-----	1	1	1	-	-	2	-	5	3	-	3	5
North Carolina-----	4	2	-	1	-	-	-	6	2	-	2	4
South Carolina-----	-	2	1	-	-	1	-	5	3	-	7	7
Georgia-----	-	1	1	-	-	-	-	4	4	-	-	5
Florida-----	2	4	-	-	-	2	-	5	7	-	-	8
EAST SOUTH CENTRAL-----	8	15	4	-	1	2	5	23	18	-	26	19
Kentucky-----	1	5	1	-	1	-	4	5	14	-	10	4
Tennessee-----	-	1	3	-	-	1	-	10	2	-	5	6
Alabama-----	4	6	-	-	-	1	1	1	2	-	9	6
Mississippi-----	3	3	-	-	-	-	-	7	-	-	2	3
WEST SOUTH CENTRAL-----	16	7	2	-	-	3	9	30	35	1	61	20
Arkansas-----	4	1	1	-	-	2	-	6	7	-	10	3
Louisiana-----	6	2	-	-	-	-	8	5	13	-	437	-
Oklahoma-----	-	-	1	-	-	1	1	6	5	-	1	-
Texas-----	6	4	-	-	-	-	-	13	10	1	13	17
MOUNTAIN-----	2	-	6	2	-	-	3	5	20	-	1	1
Montana-----	1	-	-	1	-	-	-	-	-	-	-	-
Idaho-----	-	-	1	1	-	-	-	-	1	-	-	-
Wyoming-----	-	-	1	-	-	-	-	-	1	-	-	-
Colorado-----	-	-	1	-	-	-	-	1	-	-	-	-
New Mexico-----	-	-	3	-	-	-	2	4	12	-	-	-
Arizona-----	1	-	-	-	-	-	1	-	6	-	1	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	12	6	2	2	1	1	2	14	12	-	6	5
Washington-----	1	1	1	-	-	-	-	-	-	-	-	-
Oregon-----	4	1	1	1	1	-	-	3	1	-	-	-
California-----	7	4	-	1	-	1	2	11	11	-	6	5
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	1	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	3	9	-	1	3

*Excludes report from New Hampshire for the current week.

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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	7th week ended Feb. 18, 1956	6th week ended Feb. 11, 1956	7th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 7 WEEKS		
					1956	1955	Percent change
TOTAL: 108 REPORTING CITIES-----	10,721	10,853	11,141	-3.8	76,841	75,986	+1.1
New England----- (14 cities)	696	706	763	-8.8	5,141	5,282	-2.7
Middle Atlantic----- (17 cities)	3,140	3,018	3,329	-5.7	22,169	22,650	-2.1
East North Central----- (18 cities)	2,386	2,423	2,440	-2.2	16,819	16,253	+3.5
West North Central----- (9 cities)	746	808	814	-8.4	5,522	5,207	+6.0
South Atlantic----- (9 cities)	815	850	829	-1.7	6,188	5,703	+8.5
East South Central----- (8 cities)	507	493	523	-3.1	3,649	3,551	+2.8
West South Central----- (13 cities)	864	852	785	+10.1	6,181	5,910	+4.6
Mountain----- (8 cities)	257	241	258	-0.4	1,766	1,858	-5.0
Pacific----- (12 cities)	1,310	1,462	1,376	-4.8	9,406	9,572	-1.7

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 18, 1956

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

CITY	7th week ended Feb. 18, 1956	6th week ended Feb. 11, 1956	CUMULATIVE NUMBER FIRST 7 WEEKS		CITY	7th week ended Feb. 18, 1956	6th week ended Feb. 11, 1956	CUMULATIVE NUMBER FIRST 7 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	253	236	1,767	1,795	St. Louis, Mo.-----	266	276	1,870	1,541
Bridgeport, Conn.-----	25	30	254	286	St. Paul, Minn.-----	61	77	477	484
Cambridge, Mass.-----	35	30	230	223	Wichita, Kans.-----	32	53	298	282
Fall River, Mass.-----	28	28	218	213	SOUTH ATLANTIC				
Hartford, Conn.-----	50	45	358	393	Atlanta, Ga.-----	107	106	832	753
Lowell, Mass.-----	17	31	171	176	Baltimore, Md.-----	254	245	1,785	1,668
Lynn, Mass.-----	28	24	154	168	Charlotte, N. C.-----	26	29	264	235
New Bedford, Mass.-----	21	28	169	172	Jacksonville, Fla.-----	(49)	(63)	(405)	(376)
New Haven, Conn.-----	48	57	382	353	Miami, Fla.-----	44	53	424	411
Providence, R. I.-----	76	72	462	484	Norfolk, Va.-----	28	37	248	249
Somerville, Mass.-----	12	10	118	114	Richmond, Va.-----	61	70	539	531
Springfield, Mass.-----	35	45	310	330	Savannah, Ga.-----	(28)	(19)	(199)	(238)
Waterbury, Conn.-----	14	22	181	205	Tampa, Fla.-----	72	71	469	430
Worcester, Mass.-----	54	48	367	370	Washington, D. C.-----	189	204	1,382	1,149
MIDDLE ATLANTIC					Wilmington, Del.-----	34	35	245	277
Albany, N. Y.-----	55	32	349	341	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(26)	(28)	(256)	(254)	Birmingham, Ala.-----	82	79	575	615
Buffalo, N. Y.-----	143	136	1,049	1,028	Chattanooga, Tenn.-----	47	40	325	327
Camden, N. J.-----	52	35	287	293	Knoxville, Tenn.-----	33	39	301	257
Elizabeth, N. J.-----	51	15	188	216	Louisville, Ky.-----	110	115	816	803
Erie, Pa.-----	28	29	232	242	Memphis, Tenn.-----	112	104	765	746
Jersey City, N. J.-----	84	67	545	524	Mobile, Ala.-----	29	36	259	199
Newark, N. J.-----	103	105	722	834	Montgomery, Ala.-----	41	28	211	217
New York City, N. Y.-----	1,609	1,591	11,552	11,951	Nashville, Tenn.-----	53	52	397	387
Paterson, N. J.-----	41	34	264	272	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	477	503	3,489	3,537	Austin, Tex.-----	45	28	231	209
Pittsburgh, Pa.-----	207	170	1,398	1,341	Baton Rouge, La.-----	25	19	149	174
Reading, Pa.-----	(21)	(26)	(151)	(176)	Corpus Christi, Tex.-----	20	27	141	134
Rochester, N. Y.-----	113	93	701	727	Dallas, Tex.-----	89	94	727	691
Schenectady, N. Y.-----	20	15	163	161	El Paso, Tex.-----	28	54	216	214
Scranton, Pa.-----	(24)	(36)	(237)	(260)	Fort Worth, Tex.-----	69	73	436	407
Syracuse, N. Y.-----	52	70	444	405	Houston, Tex.-----	126	119	959	919
Trenton, N. J.-----	42	47	321	353	Little Rock, Ark.-----	47	70	366	288
Utica, N. Y.-----	24	35	228	223	New Orleans, La.-----	182	162	1,215	1,146
Yonkers, N. Y.-----	39	41	7	202	Oklahoma City, Okla.-----	50	73	444	411
EAST NORTH CENTRAL					San Antonio, Tex.-----	90	64	615	661
Akron, Ohio-----	49	51	363	396	Shreveport, La.-----	36	43	353	315
Canton, Ohio-----	27	32	185	203	Tulsa, Okla.-----	57	26	329	341
Chicago, Ill.-----	780	776	5,657	5,260	MOUNTAIN				
Cincinnati, Ohio-----	157	155	1,172	1,127	Albuquerque, N. Mex.-----	20	23	147	203
Cleveland, Ohio-----	235	221	1,476	1,439	Colorado Springs, Colo.-----	16	14	103	97
Columbus, Ohio-----	122	109	783	790	Denver, Colo.-----	108	102	785	860
Dayton, Ohio-----	67	85	527	492	Ogden, Utah-----	9	15	84	81
Detroit, Mich.-----	333	369	2,323	2,401	Phoenix, Ariz.-----	34	29	197	194
Evansville, Ind.-----	32	40	267	212	Pueblo, Colo.-----	10	9	95	98
Flint, Mich.-----	49	43	285	259	Salt Lake City, Utah-----	52	45	319	294
Fort Wayne, Ind.-----	36	42	284	228	Tucson, Ariz.-----	8	4	36	31
Gary, Ind.-----	(20)	(45)	(217)	(198)	PACIFIC				
Grand Rapids, Mich.-----	61	38	290	280	Berkeley, Calif.-----	16	27	136	123
Indianapolis, Ind.-----	106	116	782	821	Long Beach, Calif.-----	55	66	409	380
Milwaukee, Wis.-----	132	125	938	875	Los Angeles, Calif.-----	481	541	3,498	3,624
Peoria, Ill.-----	24	25	203	214	Oakland, Calif.-----	95	100	666	684
South Bend, Ind.-----	26	20	168	179	Pasadena, Calif.-----	46	55	290	271
Toledo, Ohio-----	108	96	721	692	Portland, Oreg.-----	86	100	718	697
Youngstown, Ohio-----	42	80	395	385	Sacramento, Calif.-----	43	53	329	364
WEST NORTH CENTRAL					San Diego, Calif.-----	78	65	511	582
Des Moines, Iowa-----	49	57	370	342	San Francisco, Calif.-----	193	223	1,395	1,402
Duluth, Minn.-----	23	21	171	193	Seattle, Wash.-----	126	146	891	894
Kansas City, Kans.-----	29	35	225	258	Spokane, Wash.-----	55	48	305	292
Kansas City, Mo.-----	109	106	771	774	Tacoma, Wash.-----	36	38	258	259
Minneapolis, Minn.-----	117	115	872	856	Honolulu, Hawaii-----	(29)	(45)	(254)	(251)
Omaha, Nebr.-----	60	68	468	477					

Symbols.—parentheses [()] : data not included in table 3.

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