

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 11, 1956

EPIDEMIOLOGICAL REPORTS

Typhoid fever

Since the first of January 1956, there have been 48 cases of typhoid fever reported in the East North Central and the West North Central States. Twenty-three of these have occurred in 3 States—15 in Minnesota, and 4 each in Michigan and Wisconsin. Twelve of the Minnesota cases had onsets between January 9 and 17. Six of the 15 cases in Minnesota were in Minneapolis and 2 were in St. Paul. The remaining cases in this and other States have been scattered. Phage type *E₁, S₂ typhi* has been isolated from 8 of 12 cases in Minnesota, from whom cultures have been obtained. The Enteric Bacteriology Laboratory, CDC, has reported that 3 cultures from Wisconsin, 2 from Iowa, and 1 from Illinois, have also been typed as *E₁*. This is a common type found in the United States. While no relationship between cases in the various States has been established, the possibility of some interstate vehicle of infection is being investigated.

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, reports that a hemagglutinating agent has been isolated from 1 of 3 patients with clinical evidence of influenza. Further studies are now in progress.

The Preventive Medicine Division, OSG, Department of the Army, has reported on serologic tests on 31 paired specimens of blood. Antibody against influenza A was demonstrated in 1 specimen, and influenza B in another. These were obtained from personnel stationed in California. No significant increase in respiratory diseases has been noted in the units from which these specimens were obtained.

Infectious hepatitis

The Illinois Department of Public Health has reported an outbreak of infectious hepatitis in an institution in the northeastern part of the State. The first case was in a child who was taken to a nearby hospital where she spent 4 weeks. Following her discharge, she was isolated in the institution for 2 weeks. Subsequent to this, 16 cases have been diagnosed. The physician administered gamma globulin, which seemed to relieve their abdominal symptoms quickly. They were placed on a high carbohydrate diet and kept on bed rest in isolation. The children have close contact with the athletic director of the institution who was ill at Thanksgiving time. His illness was diagnosed as infectious hepatitis. All the 200 children in the institution and 44 adults have been given gamma globulin prophylaxis. Milk and water were not implicated in this outbreak.

The California Department of Public Health has reported 4 cases of infectious hepatitis among members of a high school football squad. All had jaundice, fever, loss of appetite, dark urine, and icteric sclerae. The icteric index varied from 26 to 60 units. The members met during the football season for

lunch in the gymnasium. The lunch consisted of a sack lunch from home or food purchased from the school cafeteria. They followed the standard procedure of showering and putting up in the home gymnasium. However, on one occasion (about a month before illness), they used gymnasium facilities of another school. Water bucket and towel practice during games was considered to have possible significance, but this was not proven. An examination revealed that the 2 water buckets were in a filthy condition. As a result of the investigation and recommendations, school authorities replaced the buckets with a portable positive pressure aerator water fountain cart. Gamma globulin for prophylaxis was dispensed and/or administered to household contacts, to members of the squad, and also to the coaching staff on request.

Cryptococcus

Dr. Mason Romaine, Virginia Department of Health, has reported a case of cryptococcus in a 50-year-old man. The patient was admitted to a hospital, complaining of diffuse headache which started about 10 days earlier. Various drugs including several antibiotics were tried but without effect. At times he was mentally clear, and sometimes very stuporous. On one occasion he collapsed with vomiting, profuse sweating, rapid heart beat, and labored breathing. Finally he lapsed into a coma, and his temperature gradually went up, reaching 105.4 degrees at death. No autopsy was made but the final impression was cryptococcus infection of the nervous system.

Rabies in man

Dr. G. D. Wallace, Alabama Department of Public Health, reports that a 26-year-old woman died of rabies early in January. Preliminary information revealed that she had been bitten on the right thumb by an unidentified stray dog, May 4, 1955. The dog was later killed, but was not submitted for laboratory examination. Information as to the amount of antirabies treatment administered subsequent to the bite is not yet available. Negri bodies were demonstrated in brain tissue of the deceased. The post-mortem examination was performed after the patient was embalmed and no mouse inoculation was possible.

Rabies in a cat

Dr. A. M. Washburn, Arkansas State Board of Health, has given information on an investigation made to determine the advisability of administering rabies vaccine to 2 young children who had been bitten by their house cat. The cat was placed under the care of a veterinarian and began to exhibit symptoms compatible with rabies. Three days had elapsed since the lesions were inflicted on the children's hands and the physician advised administration of rabies vaccine promptly. Later, the cat was found dead and its brain was submitted for laboratory examination, but no Negri bodies were found. Material sent to the Communicable Disease Center for animal inoculation was positive for the disease.

The physician who treated the children was concerned about the composition of human antirabies vaccine, since one of the children was sensitive to horse serum. To date, no un-

toward reactions have been reported, and it is hoped the rabies infection has been prevented.

Psittacosis

Dr. J. S. Palmer, Veterinary Public Health Service, Utah Department of Health, has reported a case of psittacosis in a 79-year-old man. The patient became ill with a respiratory condition in November 1955. Toward the end of the year, he collapsed and was hospitalized. A chest X-ray showed consolidation, and a tentative diagnosis of psittacosis was made. The diagnosis was confirmed by complement fixation test which was 4+ at a dilution of 1:128. Three other adults live in the same house and 2 of them had symptoms suggestive of psittacosis within the past 3 months. Two parakeets were implicated in this outbreak—one from New Mexico, and one from a local store. At the time of the tentative diagnosis of psittacosis in the patient, both birds were killed and placed in an outdoor trash can, contrary to instructions of the physician. Although in a state of disintegration, the locally purchased bird was obtained for laboratory examination. The results are pending.

Dr. Stanley H. Osborn, Connecticut Department of Health, has provided information on 2 cases of psittacosis reported recently in the State.

The first was in a 26-year-old woman who became ill with chest pain, cough, and fever during the third week of January. Psittacosis complement fixation tests have not been performed. However, she owned a parakeet, purchased in December 1955, which died 3 days after onset of her illness. This bird was submitted to the Virus and Rickettsial Laboratory in Montgomery, Alabama, where psittacosis virus was isolated. The parakeet was bred in Connecticut, and a 10-percent sample has been taken from the aviary there and sent to Montgomery for testing.

The second case was in a 54-year-old man who became ill with pain in legs, cramps, chills, and fever during the second week of January. The attending physician has made a clinical diagnosis of psittacosis, but a blood specimen was negative for psittacosis. The patient was exposed to a parakeet, purchased in December. The bird appeared healthy but was killed and sent to Montgomery for tests for psittacosis. This bird was

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	6th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 11, 1956	Ended Feb. 12, 1955	Median 1951-55	First 6 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	¹ 1	1	1	6	4	4	(² 2)	(² 2)	(² 2)	(² 2)
Botulism-----049.1	-	-	---	-	4	---	(² 2)	(² 2)	(² 2)	(² 2)
Brucellosis (undulant fever)-----044	16	10	---	³ 95	112	---	---	---	---	---
Diphtheria-----055	30	33	38	⁴ 250	272	282	⁴ 1,580	1,489	1,953	July 1
Encephalitis, infectious-----082	15	13	18	⁵ 119	116	94	⁵ 1,070	1,468	821	June 1
Hepatitis, infectious, and serum-----092, W998.5 pt.	486	1,054	---	3,010	5,564	---	---	---	---	---
Malaria-----110-117	3	1	---	19	18	---	(² 2)	(² 2)	(² 2)	(² 2)
Measles-----085	10,740	17,943	13,589	⁶ 48,961	83,107	59,481	⁶ 78,059	138,857	95,573	Sept. 1
Meningococcal infections-----057	79	97	102	⁷ 450	599	660	⁷ 1,373	1,691	1,842	Sept. 1
Meningitis, other-----340	31	---	---	⁸ 159	---	---	---	---	---	---
Polioomyelitis-----080	61	63	108	583	620	815	28,790	37,807	35,357	Apr. 1
Psittacosis-----096.2	4	11	---	29	46	---	(² 2)	(² 2)	(² 2)	(² 2)
Rabies in man-----094	-	1	-	3	1	1	(² 2)	(² 2)	(² 2)	(² 2)
Smallpox-----084	-	-	-	-	-	-	(² 2)	(² 2)	(² 2)	(² 2)
Typhoid fever-----040	24	26	27	⁹ 159	144	178	⁹ 1,578	2,021	2,163	Apr. 1
Typhus fever, endemic-----101	3	5	---	6	9	---	(² 2)	(² 2)	(² 2)	(² 2)
Rabies in animals-----	101	118	170	608	715	951	1,633	2,068	2,495	Oct. 1

¹Reported in Massachusetts.

²Frequencies are too small.

³Addition: Kentucky, week ended February 4, 1 case.

⁴Deduction: Arkansas, week ended February 4, 1 case.

⁵Addition: Virginia, week ended February 4, 1 case.

⁶Addition: Michigan, week ended February 4, 772 cases.

⁷Addition: Virginia, week ended February 4, 1 case.

⁸Addition: Virginia, week ended February 4, 1 case.

⁹Addition: New York, week ended February 4, 2 cases and South Dakota 1 case; Iowa, week ended January 21, 1 case.

NOTE.—No report for the current week has been received from Arizona, Maryland, and Michigan.

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 12, 1955 AND FEBRUARY 11, 1956

(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, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		6th week		Cumulative first 6 weeks		082		6th week		Cumulative first 6 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	16	10	30	33	219	272	15	13	486	1,054	2,823	5,564
NEW ENGLAND-----	1	-	-	2	-	5	-	3	30	93	209	524
Maine-----	-	-	-	-	-	-	-	-	8	14	61	40
New Hampshire-----	-	-	-	-	-	-	-	-	1	3	2	28
Vermont-----	-	-	-	-	-	1	-	-	2	5	23	43
Massachusetts-----	1	-	-	2	-	4	-	3	5	28	46	213
Rhode Island-----	-	-	-	-	-	-	-	-	4	12	28	91
Connecticut-----	-	-	-	-	-	-	-	-	10	31	49	109
MIDDLE ATLANTIC-----	-	-	1	2	4	10	5	4	120	273	614	1,341
New York-----	-	-	1	1	3	6	4	3	72	175	350	736
New Jersey-----	-	-	-	-	-	-	1	1	15	5	50	75
Pennsylvania-----	-	-	-	1	1	4	-	-	33	93	214	530
EAST NORTH CENTRAL-----	4	3	2	2	9	38	2	-	52	178	334	894
Ohio-----	1	-	2	1	6	9	-	-	18	29	104	140
Indiana-----	-	-	-	1	3	17	-	-	6	26	51	146
Illinois-----	2	3	-	-	-	2	-	-	15	58	129	211
Michigan-----	-	-	-	-	-	9	-	-	-	38	-	274
Wisconsin-----	1	-	-	-	-	1	2	-	13	27	50	123
WEST NORTH CENTRAL-----	6	2	2	4	26	43	1	2	54	123	292	737
Minnesota-----	5	-	-	2	10	19	-	-	17	46	87	276
Iowa-----	1	2	1	-	9	4	-	-	16	50	83	244
Missouri-----	-	-	-	-	-	3	-	-	1	14	12	52
North Dakota-----	-	-	-	-	-	-	-	-	4	7	27	54
South Dakota-----	-	-	-	2	-	8	-	-	13	-	51	59
Nebraska-----	-	-	1	-	7	9	-	-	1	2	13	17
Kansas-----	-	-	-	-	-	-	1	2	2	4	19	35
SOUTH ATLANTIC-----	2	2	8	4	55	80	-	1	23	103	168	550
Delaware-----	-	-	-	-	-	-	-	-	2	1	2	6
Maryland-----	-	-	-	-	-	1	-	-	-	5	-	67
District of Columbia-----	-	-	-	-	-	-	-	-	-	1	4	12
Virginia-----	1	1	2	1	5	2	-	1	17	72	93	264
West Virginia-----	-	-	-	1	1	2	-	-	-	6	5	61
North Carolina-----	-	-	1	1	11	13	-	-	-	3	28	48
South Carolina-----	-	-	1	-	5	11	-	-	-	1	7	7
Georgia-----	-	-	2	1	13	42	-	-	3	7	20	46
Florida-----	1	1	2	-	20	9	-	-	1	7	15	39
EAST SOUTH CENTRAL-----	2	1	4	10	43	37	3	-	37	60	214	301
Kentucky-----	-	-	-	1	4	7	1	-	13	9	59	50
Tennessee-----	-	1	2	2	8	4	-	-	13	18	109	133
Alabama-----	2	-	2	3	25	19	1	-	8	19	20	62
Mississippi-----	-	-	-	4	6	7	1	-	3	14	26	56
WEST SOUTH CENTRAL-----	1	1	10	9	67	50	-	-	39	45	184	251
Arkansas-----	1	-	-	-	15	4	-	-	9	4	23	38
Louisiana-----	-	1	-	2	8	8	-	-	2	9	7	18
Oklahoma-----	-	-	4	1	15	4	-	-	3	5	14	32
Texas-----	-	-	6	6	39	34	-	-	25	27	140	163
MOUNTAIN-----	-	-	2	-	2	-	-	-	47	92	264	447
Montana-----	-	-	-	-	-	-	-	-	14	11	91	32
Idaho-----	-	-	-	-	-	-	-	-	9	10	45	35
Wyoming-----	-	-	-	-	-	-	-	-	4	7	24	20
Colorado-----	-	-	-	-	-	-	-	-	12	10	67	81
New Mexico-----	-	-	-	-	-	-	-	-	3	26	23	122
Arizona-----	-	-	1	-	1	-	-	-	-	26	-	134
Utah-----	-	-	-	-	-	-	-	-	-	1	14	13
Nevada-----	-	-	1	-	1	-	-	-	5	1	-	10
PACIFIC-----	-	-	-	-	-	-	-	-	-	-	-	-
Washington-----	-	1	1	-	13	9	4	3	84	87	544	519
Oregon-----	-	-	-	-	-	1	-	-	10	26	117	112
California-----	-	-	-	-	-	-	-	-	21	17	112	141
Alaska-----	-	1	1	-	13	8	4	3	53	44	315	266
Hawaii-----	-	-	-	-	-	-	-	-	9	6	8	96
Puerto Rico-----	-	-	-	-	-	-	-	-	-	-	7	10
	-	-	-	1	-	9	-	-	-	-	-	9

¹Corrected figure.

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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 12, 1955 AND FEBRUARY 11, 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 ²				Paralytic		Nonparalytic					
	6th week		Cumulative first 6 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-----	61	63	546	620	32	24	19	18	3	1	10,740	17,943
NEW ENGLAND-----	1	1	26	18	1	1	-	-	-	-	153	7,401
Maine-----	-	-	5	1	-	-	-	-	-	-	5	380
New Hampshire-----	-	-	2	1	-	-	-	-	-	-	-	355
Vermont-----	-	1	3	10	-	1	-	-	-	-	11	284
Massachusetts-----	1	-	14	4	1	-	-	-	-	-	119	3,856
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	1	240
Connecticut-----	-	-	-	2	-	-	-	-	-	-	17	2,286
MIDDLE ATLANTIC-----	3	11	45	79	2	2	-	-	-	-	1,528	3,293
New York-----	2	6	32	47	2	2	-	-	-	-	455	1,173
New Jersey-----	-	1	3	12	-	-	-	-	-	-	292	1,432
Pennsylvania-----	1	4	10	20	-	-	-	-	-	-	781	688
EAST NORTH CENTRAL-----	3	3	26	61	-	-	1	-	-	-	2,049	2,253
Ohio-----	1	2	9	12	-	-	-	-	-	-	567	213
Indiana-----	-	-	2	3	-	-	-	-	-	-	154	47
Illinois-----	2	-	4	10	-	-	1	-	-	-	921	269
Michigan-----	-	-	-	28	-	-	-	-	-	-	-	916
Wisconsin-----	-	1	11	8	-	-	-	-	-	-	407	808
WEST NORTH CENTRAL-----	4	7	26	43	1	1	2	5	1	-	972	1,214
Minnesota-----	-	-	2	5	-	-	-	-	-	-	15	467
Iowa-----	-	3	8	12	-	-	-	3	-	-	227	317
Missouri-----	2	2	7	8	1	1	-	1	-	-	102	245
North Dakota-----	-	-	1	3	-	-	-	-	-	-	33	115
South Dakota-----	2	-	6	2	-	-	2	-	-	-	6	2
Nebraska-----	-	2	-	6	-	-	-	1	-	-	81	6
Kansas-----	-	-	2	7	-	-	-	-	1	-	508	62
SOUTH ATLANTIC-----	6	12	40	114	2	3	2	5	-	-	1,376	374
Delaware-----	-	-	1	1	-	-	-	-	-	-	6	3
Maryland-----	-	-	-	5	-	-	-	-	-	-	-	23
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	66	5
Virginia-----	1	1	1	2	-	1	1	-	-	-	430	115
West Virginia-----	-	-	-	5	-	-	-	-	-	-	261	58
North Carolina-----	3	-	20	22	1	-	1	-	-	-	162	7
South Carolina-----	1	2	4	4	1	-	-	1	-	-	58	47
Georgia-----	-	2	5	11	-	-	-	1	-	-	362	69
Florida-----	1	7	9	64	-	2	-	3	-	-	31	47
EAST SOUTH CENTRAL-----	-	5	21	36	-	3	-	2	-	-	692	376
Kentucky-----	-	4	7	15	-	3	-	1	-	-	254	48
Tennessee-----	-	-	1	6	-	-	-	-	-	-	315	277
Alabama-----	-	-	1	4	-	-	-	-	-	-	82	30
Mississippi-----	-	1	12	11	-	-	-	1	-	-	41	21
WEST SOUTH CENTRAL-----	7	5	105	75	3	4	1	-	1	1	2,086	1,133
Arkansas-----	-	-	8	6	-	-	-	-	-	-	127	56
Louisiana-----	2	-	16	10	2	-	-	-	-	-	18	12
Oklahoma-----	2	1	6	11	-	-	-	-	-	-	382	13
Texas-----	3	4	75	48	1	4	1	-	1	1	1,559	1,052
MOUNTAIN-----	1	5	20	46	-	2	-	-	1	-	1,270	586
Montana-----	-	1	4	8	-	1	-	-	-	-	228	5
Idaho-----	-	-	4	3	-	-	-	-	-	-	5	9
Wyoming-----	-	-	1	3	-	-	-	-	-	-	112	-
Colorado-----	-	2	3	8	-	1	-	-	1	-	847	22
New Mexico-----	-	-	-	2	-	-	-	-	-	-	49	208
Arizona-----	-	-	-	3	-	-	-	-	-	-	-	329
Utah-----	1	2	2	12	-	-	-	-	-	-	29	8
Nevada-----	-	-	6	7	-	-	-	-	-	-	-	5
PACIFIC-----	36	14	237	148	23	8	13	6	-	-	614	1,315
Washington-----	1	-	13	18	1	-	-	-	-	-	145	232
Oregon-----	6	1	20	10	3	-	3	1	-	-	14	101
California-----	29	13	204	120	19	8	10	5	-	-	455	980
Alaska-----	1	-	1	2	-	-	-	-	-	-	19	4
Hawaii-----	5	1	28	2	5	-	-	1	-	-	12	146
Puerto Rico-----	-	17	-	150	-	17	-	-	-	-	-	97

²Includes cases not specified by type, category number 080.3.³Includes 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 12, 1955 AND FEBRUARY 11, 1956—Continued

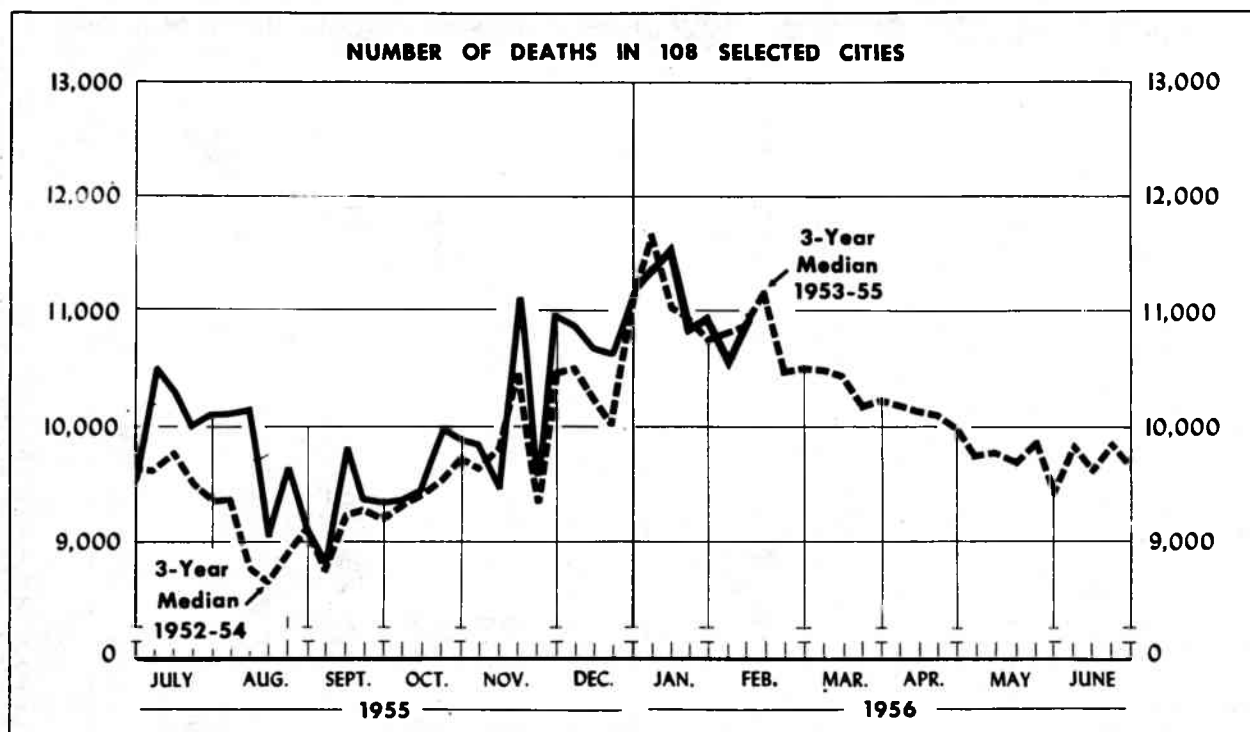
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS		
	057			096.2		6th week		Cumulative first 6 weeks			101		
	1956	1955		1956	1955	1956	1955	1956	1955			1956	1955
CONT. UNITED STATES-----	79	97	31	4	11	24	26	154	144	3	101	118	
NEW ENGLAND-----	5	3	5	-	-	1	-	2	4	-	-	-	
Maine-----	-	-	-	-	-	-	-	-	1	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont-----	1	-	-	-	-	-	-	-	-	-	-	-	
Massachusetts-----	2	-	3	-	-	-	-	1	3	-	-	-	
Rhode Island-----	-	1	2	-	-	-	-	-	-	-	-	-	
Connecticut-----	2	2	-	-	-	1	-	1	-	-	-	-	
MIDDLE ATLANTIC-----	11	23	-	-	1	2	2	19	19	-	12	8	
New York-----	3	7	-	-	1	-	-	6	4	-	7	7	
New Jersey-----	5	5	-	-	-	1	-	2	1	-	-	-	
Pennsylvania-----	3	11	-	-	-	1	2	11	14	-	5	1	
EAST NORTH CENTRAL-----	14	16	13	2	2	7	7	15	26	-	5	13	
Ohio-----	1	4	-	1	2	2	3	5	15	-	-	1	
Indiana-----	-	2	4	-	-	3	-	4	-	-	4	7	
Illinois-----	9	3	9	1	-	2	1	2	6	-	-	1	
Michigan-----	-	3	-	-	-	-	2	-	4	-	-	1	
Wisconsin-----	4	4	-	-	-	-	1	4	1	-	1	3	
WEST NORTH CENTRAL-----	5	4	-	1	1	5	-	29	6	-	13	13	
Minnesota-----	1	1	-	1	-	3	-	15	-	-	1	2	
Iowa-----	-	-	-	-	-	-	-	3	1	-	10	4	
Missouri-----	2	1	-	-	1	-	-	3	5	-	2	6	
North Dakota-----	-	-	-	-	-	2	-	4	-	-	-	1	
South Dakota-----	-	-	-	-	-	-	-	4	-	-	-	-	
Nebraska-----	2	1	-	-	-	-	-	2	-	-	-	-	
Kansas-----	-	1	-	-	-	-	-	-	-	-	-	-	
SOUTH ATLANTIC-----	7	16	2	-	1	3	6	23	23	-	33	32	
Delaware-----	-	-	2	-	-	-	-	1	-	-	2	-	
Maryland-----	-	-	-	-	-	-	-	-	-	-	-	-	
District of Columbia-----	1	-	-	-	-	-	-	-	-	-	-	-	
Virginia-----	3	2	-	-	1	-	2	-	6	-	9	11	
West Virginia-----	-	-	-	-	-	-	1	3	3	-	2	6	
North Carolina-----	2	6	-	-	-	-	-	6	2	-	2	2	
South Carolina-----	-	-	-	-	-	1	-	4	3	-	9	7	
Georgia-----	-	4	-	-	-	1	-	4	4	-	4	6	
Florida-----	1	4	-	-	-	1	3	5	5	-	5	-	
EAST SOUTH CENTRAL-----	13	14	10	-	-	2	4	21	13	-	18	16	
Kentucky-----	2	6	4	-	-	-	3	5	10	-	6	4	
Tennessee-----	4	4	5	-	-	2	1	9	2	-	5	4	
Alabama-----	2	3	1	-	-	-	-	-	1	-	6	7	
Mississippi-----	5	1	-	-	-	-	-	7	-	-	1	1	
WEST SOUTH CENTRAL-----	15	13	-	-	2	3	2	27	26	3	15	32	
Arkansas-----	1	2	-	-	-	-	-	4	7	-	3	7	
Louisiana-----	4	5	-	-	-	-	-	5	5	-	-	16	
Oklahoma-----	2	2	-	-	-	-	1	5	4	-	-	-	
Texas-----	8	4	-	-	2	3	1	13	10	3	12	9	
MOUNTAIN-----	3	-	-	-	-	1	2	5	17	-	-	2	
Montana-----	1	-	-	-	-	-	-	-	-	-	-	-	
Idaho-----	1	-	-	-	-	-	-	-	1	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	-	1	-	-	-	
Colorado-----	-	-	-	-	-	-	-	1	-	-	-	-	
New Mexico-----	1	-	-	-	-	1	2	4	10	-	-	-	
Arizona-----	-	-	-	-	-	-	-	-	5	-	-	2	
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	6	8	1	1	4	-	3	13	10	-	5	2	
Washington-----	-	1	-	1	1	-	-	-	-	-	-	-	
Oregon-----	-	-	1	-	-	-	-	3	1	-	-	-	
California-----	6	7	-	-	3	-	3	10	9	-	5	2	
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	1	-	-	-	-	8	-	8	-	-	3	

*Corrected figure.

*Report for January.

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	6th week ended Feb. 11, 1956	5th week ended Feb. 4, 1956	6th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 6 WEEKS		
					1956	1955	Percent change
TOTAL; 100 REPORTING CITIES-----	10,232	9,968	10,199	+0.3	62,188	60,833	+2.2
New England----- (13 cities)	470	451	493	-4.7	2,931	2,986	-1.8
Middle Atlantic----- (15 cities)	2,858	2,879	3,110	-8.1	17,980	18,269	-1.6
East North Central----- (18 cities)	2,423	2,331	2,273	+6.6	14,433	13,813	+4.5
West North Central----- (8 cities)	773	757	753	+2.7	4,580	4,180	+9.6
South Atlantic----- (9 cities)	850	854	872	-2.5	5,373	4,874	+10.2
East South Central----- (7 cities)	465	467	446	+4.3	2,972	2,837	+4.8
West South Central----- (13 cities)	852	875	803	+6.1	5,317	5,069	+4.9
Mountain----- (7 cities)	232	223	255	-9.0	1,424	1,517	-6.1
Pacific----- (10 cities)	1,309	1,111	1,173	+11.6	7,178	7,288	-1.5

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 11, 1956

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

CITY	6th week ended Feb. 11, 1956	5th week ended Feb. 4, 1956	CUMULATIVE NUMBER FIRST 6 WEEKS		CITY	6th week ended Feb. 11, 1956	5th week ended Feb. 4, 1956	CUMULATIVE NUMBER FIRST 6 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(206)	---	(1,533)	St. Louis, Mo.-----	276	238	1,604	1,264
Bridgeport, Conn.-----	30	29	229	248	St. Paul, Minn.-----	77	81	416	430
Cambridge, Mass.-----	30	35	195	188	Wichita, Kans.-----	53	43	266	239
Fall River, Mass.-----	28	33	190	179	SOUTH ATLANTIC				
Hartford, Conn.-----	45	47	308	342	Atlanta, Ga.-----	106	123	725	658
Lowell, Mass.-----	31	22	154	154	Baltimore, Md.-----	245	242	1,531	1,426
Lynn, Mass.-----	24	27	126	154	Charlotte, N. C.-----	29	33	238	206
New Bedford, Mass.-----	28	28	148	150	Jacksonville, Fla.-----	(63)	(53)	(356)	(313)
New Haven, Conn.-----	57	46	334	303	Miami, Fla.-----	53	61	380	350
Providence, R. I.-----	72	49	386	405	Norfolk, Va.-----	37	24	220	224
Somerville, Mass.-----	10	19	106	97	Richmond, Va.-----	70	90	478	447
Springfield, Mass.-----	45	44	275	283	Savannah, Ga.-----	(19)	(37)	(171)	(205)
Waterbury, Conn.-----	22	22	167	173	Tampa, Fla.-----	71	65	397	368
Worcester, Mass.-----	48	50	313	310	Washington, D. C.-----	204	186	1,193	959
MIDDLE ATLANTIC					Wilmington, Del.-----	35	30	211	236
Albany, N. Y.-----	32	54	294	279	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(28)	(44)	(230)	(227)	Birmingham, Ala.-----	79	75	493	521
Buffalo, N. Y.-----	136	132	906	924	Chattanooga, Tenn.-----	40	44	278	281
Camden, N. J.-----	35	40	235	245	Knoxville, Tenn.-----	39	45	268	221
Elizabeth, N. J.-----	15	18	137	179	Louisville, Ky.-----	115	140	706	667
Erie, Pa.-----	29	43	204	211	Memphis, Tenn.-----	104	105	653	647
Jersey City, N. J.-----	---	(86)	---	(445)	Mobile, Ala.-----	36	35	230	166
Newark, N. J.-----	105	100	619	719	Montgomery, Ala.-----	---	(31)	---	(191)
New York City, N. Y.-----	1,591	1,568	9,943	10,176	Nashville, Tenn.-----	52	43	344	334
Paterson, N. J.-----	34	38	223	229	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	503	506	3,012	3,046	Austin, Tex.-----	28	26	186	183
Pittsburgh, Pa.-----	170	186	1,191	1,134	Baton Rouge, La.-----	19	25	124	147
Reading, Pa.-----	(26)	(17)	(130)	(153)	Corpus Christi, Tex.-----	27	22	121	106
Rochester, N. Y.-----	(93)	---	---	(611)	Dallas, Tex.-----	94	116	638	585
Schenectady, N. Y.-----	15	26	143	139	El Paso, Tex.-----	54	22	188	183
Scranton, Pa.-----	(36)	(34)	(213)	(229)	Fort Worth, Tex.-----	73	62	367	356
Syracuse, N. Y.-----	70	59	392	344	Houston, Tex.-----	119	120	833	794
Trenton, N. J.-----	47	39	279	295	Little Rock, Ark.-----	70	59	319	263
Utica, N. Y.-----	35	39	204	184	New Orleans, La.-----	162	192	1,033	975
Yonkers, N. Y.-----	41	31	198	165	Oklahoma City, Okla.-----	73	59	394	345
EAST NORTH CENTRAL					San Antonio, Tex.-----	64	84	525	563
Akron, Ohio-----	51	50	314	348	Shreveport, La.-----	43	42	317	275
Canton, Ohio-----	32	25	158	172	Tulsa, Okla.-----	26	46	272	294
Chicago, Ill.-----	776	801	4,877	4,479	MOUNTAIN				
Cincinnati, Ohio-----	155	162	1,015	966	Albuquerque, N. Mex.-----	23	19	127	168
Cleveland, Ohio-----	221	205	1,241	1,211	Colorado Springs, Colo.-----	14	15	87	83
Columbus, Ohio-----	109	97	661	682	Denver, Colo.-----	102	107	677	750
Dayton, Ohio-----	85	71	460	420	Ogden, Utah-----	15	7	75	69
Detroit, Mich.-----	369	320	1,990	2,056	Phoenix, Ariz.-----	29	30	163	162
Evansville, Ind.-----	40	48	235	175	Pueblo, Colo.-----	(9)	---	---	(81)
Flint, Mich.-----	43	30	236	221	Salt Lake City, Utah-----	45	41	267	259
Fort Wayne, Ind.-----	42	48	248	202	Tucson, Ariz.-----	4	4	28	26
Gary, Ind.-----	(45)	(17)	(197)	(172)	PACIFIC				
Grand Rapids, Mich.-----	38	35	229	222	Berkeley, Calif.-----	27	16	120	102
Indianapolis, Ind.-----	116	106	676	675	Long Beach, Calif.-----	66	63	354	312
Milwaukee, Wis.-----	125	121	806	737	Los Angeles, Calif.-----	541	457	3,017	3,105
Peoria, Ill.-----	25	32	179	178	Oakland, Calif.-----	100	80	571	604
South Bend, Ind.-----	20	26	142	162	Pasadena, Calif.-----	55	35	244	219
Toledo, Ohio-----	96	94	613	596	Portland, Oreg.-----	---	(109)	---	(603)
Youngstown, Ohio-----	80	60	353	311	Sacramento, Calif.-----	---	(50)	---	(313)
WEST NORTH CENTRAL					San Diego, Calif.-----	65	68	433	501
Des Moines, Iowa-----	57	46	321	295	San Francisco, Calif.-----	223	178	1,202	1,191
Duluth, Minn.-----	21	21	148	164	Seattle, Wash.-----	146	127	765	781
Kansas City, Kans.-----	---	---	---	(225)	Spokane, Wash.-----	48	41	250	249
Kansas City, Mo.-----	106	127	662	646	Tacoma, Wash.-----	38	46	222	224
Minneapolis, Minn.-----	115	136	755	737	Honolulu, Hawaii-----	(45)	(30)	(225)	(216)
Omaha, Nebr.-----	68	65	408	405					

Symbols.—parentheses [()] : data not included in table 5; 3 dashes [---] : data not available.

EPIDEMIOLOGICAL REPORTS—Continued

also Connecticut bred.

Salmonellosis

Dr. G. D. Wallace, Alabama Department of Public Health, has reported an outbreak of salmonellosis. Sixty persons developed symptoms compatible with salmonellosis. Although no food was available for culturing, *Salmonella thompson* was isolated from stool specimens of several patients. A fourfold rise in antibody titer was demonstrated in 4 of the patients by agglutination testing using homologous antigen. Evidence indicated that uncooked egg yolk used in pies was probably the source of infection.

Communicable diseases in other areas

The Pan American Sanitary Bureau, WHO, has relayed information that the Ministry of Public Health, Guatemala, has confirmed reports of mortality among monkeys near the San Francisco del Mar River, Municipio of Puerto Barrios, Department of Izabal, presumably caused by the virus of yellow fever. Monkeys are now known to have died in that area as early as the latter part of November 1955. An investigation was not made until January, and the official confirmation by the government was received on February 9, 1956. According to a report of February 9, monkeys are dying in the mountains near Lake Izabal.

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