

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 25, 1956

During the first 8 weeks of 1956 there has been little increase in the reported incidence of infectious hepatitis. In previous years, large increases were reported during this period. For the current week, 504 cases were reported as compared with 400 for the last week of 1955. However, the incidence has not shown a continuous rise during this period.

The total for the 4-week period ended February 25 shows a 22 percent increase compared with that for the last 4-week period in 1955. Increases for the corresponding periods of 1953-54 and 1954-55 were 71 and 32 percent, respectively. (See accompanying chart.)

EPIDEMIOLOGICAL REPORTS

Diphtheria

Dr. A. L. Marshall, Indiana Board of Health, has reported an outbreak of diphtheria in La Porte County. One case was reported in Michigan City for the week ended February 18, and 9 in the following week, which were concentrated in a 6-block area. Ten cases were reported during the past week in the township adjacent to Michigan City and these have been concentrated in one area. There are 4 suspect cases in the hospital. All 20 cases are laboratory confirmed and virulence tests

indicate an organism of high virulence. Only one of the 20 cases had ever been immunized.

Epidemiologic investigation has shown that in addition to a grouping of cases geographically, there was a family relationship in many of the cases. It was also learned that family members had attended the funeral of a 7-year-old child on February 11 who had died of bronchopneumonia and laryngospasm. Although cultures from the child were found to be negative, the physician feels that this was a case of diphtheria. Some cases appear to have been milk-borne infections. Raw milk from a one-cow dairy was given to relatives in the city, and 2 members of the family were shown to have positive throat cultures.

The ages of the patients ranged from 14 months to 63 years, but the majority were under 10 years. The 63-year-old patient was a baby sitter in a family where a child had diphtheria.

Influenza

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

The California Department of Public Health Influenza Surveillance Report of February 20 states that a "large number" of influenza-like illnesses have occurred in Tehama County. Symptoms consist of fever, myalgia, headache, stiff neck, nausea, and some vomiting. One local school was closed for 3 days. Specimens of blood are being obtained for serologic study. Laboratory reports of specimens collected throughout the State indicate that only 2 of the 225 specimens examined have shown a fourfold rise in antibody level in influenza A, and in 1 there was presumptive evidence of influenza A infection.

Dr. Eleanor Whitney, New York State Department of Health, has reported serologic evidence of influenza A in a single case, clinically diagnosed as pneumonia, which occurred at Little Falls, New York.

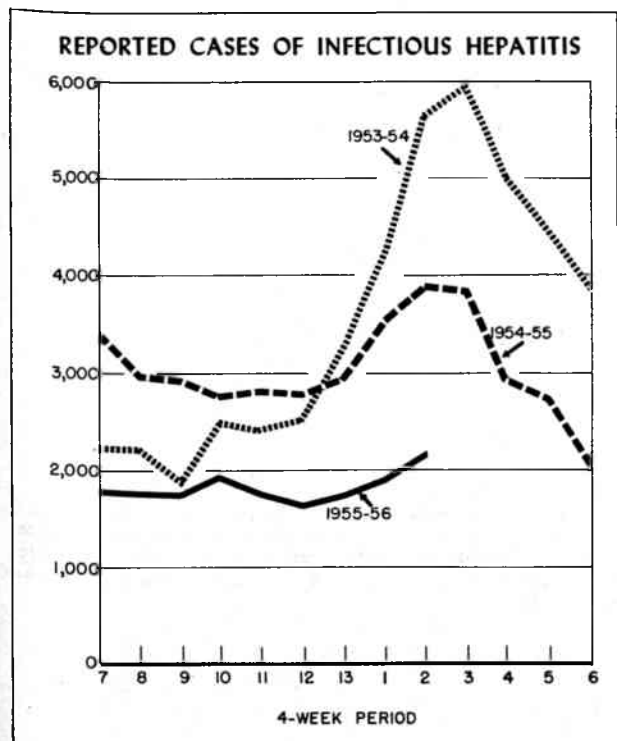
Dr. Gordon Meikeljohn, University of Colorado, has identified a moderate outbreak of influenza A (FM1-1947) at a military establishment in Colorado.

Dr. Wm. S. Jordan, Western Reserve University School of Medicine, Cleveland, Ohio, reports that all 5 members of a family under study showed fourfold or greater rises in titer of antibody against one of the strains, A/Cleveland/2/56, isolated from the family.

The Ministry of Health, United Kingdom, has reported influenza-like outbreaks from various areas in England, a number of which have been identified as due to influenza A. The cases continue to be clinically mild.

Erythema infectiosum (fifth disease)

Dr. James R. Enright, Hawaii Department of Health, reports a rather widespread outbreak of an atypical exanthem which appeared late in January 1956. Preschool and lower grade children appear to have made up a great majority of the cases, although a few cases were reported in adults. The disease began suddenly with a normal temperature or a low fever and a rash of bright red maculopapular spots, which coalesced and gave the child an appearance of having heavily rouged cheeks. The eruption also spread to the extensor surfaces of the arms and legs, but usually the trunk escaped. The rash lasted over a week and when fading, caused considerable itching. There were no swollen glands, sore throat, nor any sign of an exanthem.



The disease was typical of erythema infectiosum (fifth disease). Reports show that it was present on the Island of Hawaii, where it was first reported, and simultaneously in rural Oahu. The disease has become widespread in Honolulu, pediatricians reporting that they had seen several cases every day. In many cases, adults in the family noticed the rash on themselves first, but usually attributed it to "hives" or "allergy." On the basis of a diagnosis of erythema infectiosum, children were excluded from school for 5 days after the appearance of the rash. No exclusions were being required for contacts. There have been no complications.

Rabies in man

Dr. Henry A. Holle, Texas Department of Health, has reported a case of human rabies—the second for the year. Early in January the victim, a 12-year-old boy, was admitted to a hospital. His chief complaint was a diffuse headache of 3 days duration, fever, and excessive thirst. The patient had experienced nausea and vomiting of 1 day's duration. On admission to the hospital, the child had a maniacal thrashing behavior, and a tentative diagnosis of rabies was made. Attempts at sedation were unsuccessful. Marked emphysema of the face,

neck, and chest developed a few hours after admission, and the patient expired later during the day. Post-mortem examination showed Negri bodies in the hippocampal gyrus of the brain, and the diagnosis was also confirmed by animal inoculation. A vague history of a dog bite 3 weeks earlier was obtained, and it is reported that the dog is still alive and healthy. An investigation was made of the dog population in the vicinity of the patient's home, but no evidence of possible rabid animals was found, and the source of infection could not be determined.

Rabies in animals

During the first 45 days of 1956, the California Department of Public Health has reported 49 cases of rabies in animals. Of these, 41 were in dogs from Los Angeles (26) and Orange (15) Counties. The remainder were in skunks.

Tuberculosis in zoo animals

Dr. James O. Walls, Oklahoma Department of Health, has forwarded information on an investigation by Dr. M. L. Peters of tuberculosis among primate animals in a city zoo. In April 1955, 4 orangutans were received from New York, 1 of which

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	8th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 25, 1956	Ended Feb. 26, 1955	Median 1951-55	First 8 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	11	-	-	7	4	5	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	-	4	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	19	20	---	128	50	---	---	---	---	---
Diphtheria-----055	45	32	48	339	332	390	1,669	1,549	2,061	July 1
Encephalitis, infectious-----082	18	27	21	156	156	137	1,107	1,508	864	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	504	891	---	4,054	7,459	---	---	---	---	---
Malaria-----110-117	3	4	---	25	25	---	(2)	(2)	(2)	(2)
Measles-----085	15,242	19,382	19,382	³ 80,968	121,519	96,359	³ 110,066	177,269	132,451	Sept. 1
Meningococcal infections-----057	65	104	115	⁴ 599	776	906	⁴ 1,522	1,868	2,079	Sept. 1
Meningitis, other-----340	37	---	---	⁵ 235	---	---	---	---	---	---
Poliomyelitis-----080	53	71	90	705	749	997	28,912	37,936	35,574	Apr. 1
Psittacosis-----096.2	5	6	---	45	59	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	3	1	1	(2)	(2)	(2)	(2)
Smallpox-----084	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Typhoid fever-----040	21	28	28	197	205	223	1,616	2,082	2,203	Apr. 1
Typhus fever, endemic-----101	1	-	---	8	9	---	(2)	(2)	(2)	(2)
Rabies in animals-----	138	137	174	891	964	1,313	1,916	2,317	2,857	Oct. 1

¹Reported in Pennsylvania.

²Frequencies are too small.

³Deduction: Arkansas, week ended February 18, 40 cases.

⁴Deduction: Arkansas, week ended February 18, 2 cases.

⁵Addition: Arkansas, week ended February 18, 2 cases.

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 26, 1955 AND FEBRUARY 25, 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		8th week		Cumulative first 8 weeks		082		8th week		Cumulative first 8 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	19	20	45	32	339	332	18	27	504	891	4,054	7,459
NEW ENGLAND-----	3	1	-	-	-	8	-	-	33	70	275	689
Maine-----	-	-	-	-	-	-	-	-	7	3	72	52
New Hampshire-----	-	-	-	-	-	-	-	-	1	2	3	30
Vermont-----	1	-	-	-	-	1	-	-	9	4	44	57
Massachusetts-----	-	1	-	-	-	7	-	-	4	28	56	270
Rhode Island-----	2	-	-	-	-	-	-	-	5	9	34	116
Connecticut-----	-	-	-	-	-	-	-	-	7	24	66	164
MIDDLE ATLANTIC-----	-	-	-	2	7	13	4	8	100	218	800	1,813
New York-----	-	-	-	2	4	9	1	7	56	112	451	970
New Jersey-----	-	-	-	-	-	-	3	1	8	18	69	118
Pennsylvania-----	-	-	-	-	3	4	-	-	36	88	280	725
EAST NORTH CENTRAL-----	8	3	22	9	66	55	5	2	83	92	587	1,167
Ohio-----	-	-	-	3	7	16	2	-	19	30	148	195
Indiana-----	-	-	21	5	24	25	1	1	28	6	94	176
Illinois-----	7	-	-	-	-	2	-	-	13	20	146	264
Michigan-----	1	1	1	-	35	10	2	1	19	18	135	369
Wisconsin-----	-	2	-	1	-	2	-	-	4	18	64	163
WEST NORTH CENTRAL-----	4	5	3	-	35	45	1	1	48	131	389	1,025
Minnesota-----	-	1	-	-	10	21	-	-	7	41	107	375
Iowa-----	4	2	-	-	11	4	-	-	4	47	95	345
Missouri-----	-	-	-	-	-	3	-	-	-	6	16	79
North Dakota-----	-	1	-	-	-	-	-	-	11	9	43	67
South Dakota-----	-	1	-	-	-	8	-	-	10	18	73	93
Nebraska-----	-	-	3	-	14	9	-	-	6	2	25	19
Kansas-----	-	-	-	-	-	-	1	1	10	8	30	47
SOUTH ATLANTIC-----	-	4	9	5	75	90	1	2	30	79	242	716
Delaware-----	-	-	-	-	-	-	-	-	-	1	2	10
Maryland-----	-	-	-	1	-	2	-	-	4	10	23	85
District of Columbia-----	-	-	-	-	1	-	-	-	2	1	6	15
Virginia-----	-	1	1	-	10	2	-	-	9	35	113	354
West Virginia-----	-	-	1	-	3	2	-	-	2	7	9	94
North Carolina-----	-	-	2	1	15	15	1	-	1	18	27	73
South Carolina-----	-	-	2	-	7	14	-	-	1	3	8	10
Georgia-----	-	2	-	2	15	45	-	-	5	1	26	51
Florida-----	-	1	3	1	24	10	-	2	6	3	28	44
EAST SOUTH CENTRAL-----	3	1	7	8	54	46	-	5	78	62	348	401
Kentucky-----	1	-	-	1	4	8	-	-	20	8	95	62
Tennessee-----	-	-	1	3	10	8	-	3	41	33	181	174
Alabama-----	-	1	6	-	33	19	-	-	8	8	35	86
Mississippi-----	2	-	-	4	7	11	-	2	9	13	37	79
WEST SOUTH CENTRAL-----	-	4	3	7	75	63	2	2	31	49	249	354
Arkansas-----	-	1	-	-	6	4	-	-	-	15	25	60
Louisiana-----	-	1	-	1	8	9	-	-	1	2	11	24
Oklahoma-----	-	-	2	-	21	6	-	-	3	4	18	39
Texas-----	-	2	1	6	40	44	2	2	27	28	195	211
MOUNTAIN-----	-	2	-	-	7	-	-	-	47	64	474	609
Montana-----	-	1	-	-	-	-	-	-	12	10	117	57
Idaho-----	-	-	-	-	-	-	-	-	4	6	59	55
Wyoming-----	-	-	-	-	-	-	-	-	1	4	26	24
Colorado-----	-	1	-	-	-	-	-	-	14	16	101	128
New Mexico-----	-	-	-	-	1	-	-	-	2	9	30	143
Arizona-----	-	-	-	-	5	-	-	-	9	17	121	165
Utah-----	-	-	-	-	1	-	-	-	4	-	19	18
Nevada-----	-	-	-	-	-	-	-	-	1	2	1	19
PACIFIC-----	1	-	1	1	20	12	5	7	54	126	690	705
Washington-----	1	-	-	1	1	2	-	-	15	12	159	136
Oregon-----	-	-	1	-	6	-	-	-	5	34	137	198
California-----	-	-	-	-	13	10	5	7	34	80	394	371
Alaska-----	-	-	-	-	-	-	-	-	-	3	9	100
Hawaii-----	-	-	-	-	-	-	-	-	-	1	10	13
Puerto Rico-----	-	-	-	4	7	14	-	-	9	-	46	10

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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 26, 1955 AND FEBRUARY 25, 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	
	8th week		Cumulative first 8 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	53	71	705	749	29	20	12	32	3	4	15,242	19,382
NEW ENGLAND-----	1	1	30	21	1	-	-	-	1	-	172	6,287
Maine-----	1	-	6	1	1	-	-	-	-	-	9	284
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	-	616
Vermont-----	-	-	4	10	-	-	-	-	-	-	22	251
Massachusetts-----	-	1	16	5	-	-	-	-	-	-	127	2,768
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	-	437
Connecticut-----	-	-	-	2	-	-	-	-	1	-	14	1,931
MIDDLE ATLANTIC-----	4	6	55	90	3	3	1	-	-	-	1,831	3,854
New York-----	2	3	39	53	1	3	1	-	-	-	656	1,255
New Jersey-----	2	1	5	13	2	-	-	-	-	-	332	1,947
Pennsylvania-----	-	2	11	24	-	-	-	-	-	-	843	652
EAST NORTH CENTRAL-----	1	4	47	74	-	1	-	-	-	-	4,087	2,537
Ohio-----	-	-	9	17	-	-	-	-	-	-	866	357
Indiana-----	1	3	4	7	-	-	-	-	-	-	330	187
Illinois-----	-	1	4	11	-	1	-	-	-	-	1,447	244
Michigan-----	-	-	19	31	-	-	-	-	-	-	736	777
Wisconsin-----	-	-	11	8	-	-	-	-	-	-	708	972
WEST NORTH CENTRAL-----	4	5	34	50	3	-	-	2	-	-	687	1,284
Minnesota-----	1	-	3	6	1	-	-	-	-	-	11	541
Iowa-----	-	1	10	13	-	-	-	-	-	-	198	364
Missouri-----	2	1	10	9	1	-	-	-	-	-	115	195
North Dakota-----	-	-	1	3	-	-	-	-	-	-	43	125
South Dakota-----	-	1	7	4	-	-	-	1	-	-	-	9
Nebraska-----	-	1	-	7	-	-	-	1	-	-	180	8
Kansas-----	1	1	3	8	1	-	-	-	-	-	140	42
SOUTH ATLANTIC-----	7	5	54	131	5	2	1	3	-	-	2,029	645
Delaware-----	-	-	1	1	-	-	-	-	-	-	11	2
Maryland-----	-	-	4	6	-	-	-	-	-	-	439	64
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	88	10
Virginia-----	-	1	2	3	-	-	-	1	-	-	513	109
West Virginia-----	1	-	2	5	1	-	-	-	-	-	335	187
North Carolina-----	1	-	21	25	1	-	-	-	-	-	275	15
South Carolina-----	1	-	5	5	1	-	-	-	-	-	189	47
Georgia-----	-	-	5	11	-	-	-	-	-	-	110	137
Florida-----	4	4	14	275	2	2	1	2	-	-	69	74
EAST SOUTH CENTRAL-----	4	6	28	44	1	1	1	3	-	-	778	510
Kentucky-----	1	4	10	19	-	1	-	3	-	-	355	55
Tennessee-----	1	1	2	8	-	-	-	-	-	-	336	345
Alabama-----	-	1	1	6	-	-	-	-	-	-	74	83
Mississippi-----	2	-	15	11	1	-	1	-	-	-	13	27
WEST SOUTH CENTRAL-----	14	23	128	101	6	6	3	11	1	2	3,135	1,799
Arkansas-----	1	-	10	6	-	-	1	-	-	-	425	90
Louisiana-----	3	4	19	15	2	2	1	2	-	-	24	4
Oklahoma-----	-	1	6	12	-	-	-	-	-	-	520	72
Texas-----	10	18	93	68	4	4	1	9	1	2	2,166	1,633
MOUNTAIN-----	5	4	46	56	3	1	1	2	-	-	1,704	695
Montana-----	-	1	4	9	-	-	-	1	-	-	253	27
Idaho-----	1	-	5	5	-	-	-	-	-	-	26	14
Wyoming-----	-	-	2	4	-	-	-	-	-	-	94	-
Colorado-----	1	2	4	11	1	-	-	1	-	-	902	32
New Mexico-----	1	1	1	3	1	1	-	-	-	-	37	277
Arizona-----	2	-	21	4	1	-	1	-	-	-	354	327
Utah-----	-	-	3	12	-	-	-	-	-	-	30	8
Nevada-----	-	-	6	8	-	-	-	-	-	-	8	10
PACIFIC-----	13	17	283	182	7	6	5	11	1	2	819	1,771
Washington-----	1	-	15	19	-	-	-	-	-	-	307	353
Oregon-----	1	3	22	14	1	1	-	2	-	-	41	70
California-----	11	14	246	149	6	5	5	9	1	2	471	1,348
Alaska-----	-	-	1	2	-	-	-	-	-	-	15	3
Hawaii-----	1	-	34	2	1	-	-	-	-	-	4	205
Puerto Rico-----	-	32	4	206	-	32	-	-	-	-	16	46

¹Includes cases not specified by type, category number 080.3.²Includes delayed cases with onset late in 1954.

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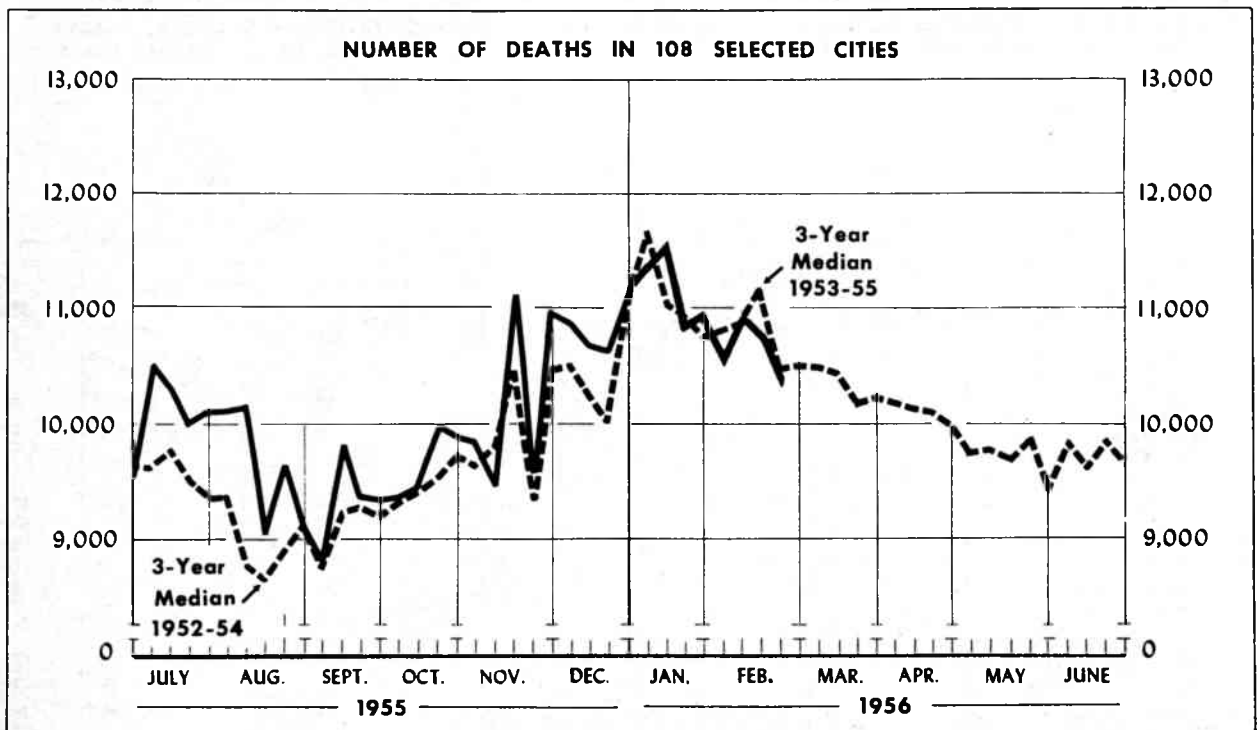
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 26, 1955 AND FEBRUARY 25, 1956—Continued

(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		8th week			Cumulative first 8 weeks	
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	65	104	37	5	6	21	28	197	205	1	138	137
NEW ENGLAND-----	1	4	6	-	-	-	-	2	4	-	-	-
Maine-----	-	-	-	-	-	-	-	-	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	3	-	-	-	-	1	3	-	-	-
Rhode Island-----	-	3	3	-	-	-	-	-	-	-	-	-
Connecticut-----	1	-	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	4	19	-	2	-	5	5	27	28	-	12	13
New York-----	2	8	-	-	-	1	2	7	6	-	6	8
New Jersey-----	1	3	-	-	-	-	-	2	2	-	-	-
Pennsylvania-----	1	8	-	2	-	4	3	18	20	-	6	5
EAST NORTH CENTRAL-----	18	12	12	1	2	2	-	24	28	-	18	9
Ohio-----	4	3	-	-	1	-	-	5	16	-	5	3
Indiana-----	2	3	2	-	-	-	-	4	-	-	3	4
Illinois-----	2	4	9	1	-	2	-	4	6	-	10	1
Michigan-----	6	2	1	-	-	-	-	5	5	-	-	-
Wisconsin-----	4	-	-	-	1	-	-	6	1	-	-	1
WEST NORTH CENTRAL-----	5	5	-	2	1	6	3	37	10	-	21	15
Minnesota-----	1	2	-	2	-	4	1	20	1	-	4	2
Iowa-----	1	-	-	-	1	-	1	3	2	-	4	6
Missouri-----	-	-	-	-	-	1	-	5	6	-	13	7
North Dakota-----	-	1	-	-	-	-	-	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	1	2	1	-	-	-
Nebraska-----	2	-	-	-	-	1	-	3	-	-	-	-
Kansas-----	1	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	8	25	6	-	-	4	2	31	32	-	30	45
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	-
Maryland-----	3	2	3	-	-	-	1	1	1	-	-	-
District of Columbia-----	-	1	1	-	-	-	-	-	-	-	-	-
Virginia-----	-	5	-	-	-	1	-	1	11	-	12	18
West Virginia-----	-	-	1	-	-	-	-	5	3	-	1	5
North Carolina-----	2	11	-	-	-	-	-	6	2	-	2	4
South Carolina-----	1	-	1	-	-	1	-	6	3	-	8	5
Georgia-----	2	-	-	-	-	1	1	4	5	-	4	5
Florida-----	-	6	-	-	-	2	-	7	7	-	3	8
EAST SOUTH CENTRAL-----	12	10	4	-	-	2	4	25	22	1	28	29
Kentucky-----	2	3	-	-	-	-	2	5	16	-	10	5
Tennessee-----	4	3	4	-	-	2	2	12	4	-	3	8
Alabama-----	3	3	-	-	-	-	-	1	2	1	15	12
Mississippi-----	3	1	-	-	-	-	-	7	-	-	-	4
WEST SOUTH CENTRAL-----	11	19	5	-	1	2	7	32	42	-	22	21
Arkansas-----	-	2	3	-	-	1	1	7	8	-	2	-
Louisiana-----	4	5	-	-	1	-	2	5	15	-	2	-
Oklahoma-----	1	2	2	-	-	-	-	6	5	-	-	-
Texas-----	6	10	-	-	-	1	4	14	14	-	18	21
MOUNTAIN-----	1	1	2	-	2	-	2	5	22	-	1	2
Montana-----	1	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	2	-	1	-	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	1	-	-	-
Colorado-----	-	1	2	-	-	-	-	1	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	4	12	-	-	2
Arizona-----	-	-	-	-	-	-	-	-	6	-	1	-
Utah-----	-	-	-	-	-	-	1	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	11	2	-	-	-	5	14	17	-	6	3
Washington-----	-	1	-	-	-	-	-	-	-	-	-	-
Oregon-----	1	2	2	-	-	-	-	3	1	-	-	-
California-----	4	8	-	-	-	-	5	11	16	-	6	3
Alaska-----	1	-	-	-	-	-	1	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	7	3	16	-	1	-

³Includes delayed cases.

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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	8th week ended Feb. 25, 1956	7th week ended Feb. 18, 1956	8th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 8 WEEKS		
					1956	1955	Percent change
TOTAL: 108 REPORTING CITIES-----	10,356	10,721	10,472	-1.1	87,197	86,458	+0.9
New England----- (14 cities)	700	696	702	-0.3	5,841	5,984	-2.4
Middle Atlantic----- (17 cities)	2,888	3,140	3,025	-4.5	25,057	25,672	-2.4
East North Central----- (18 cities)	2,301	2,386	2,306	-0.2	19,120	18,559	+3.0
West North Central----- (9 cities)	760	746	745	+2.0	6,282	5,952	+5.5
South Atlantic----- (9 cities)	766	815	859	-10.8	6,954	6,562	+6.0
East South Central----- (8 cities)	495	507	495	0	4,144	4,046	+2.4
West South Central----- (13 cities)	840	864	826	+1.7	7,021	6,736	+4.2
Mountain----- (8 cities)	266	257	255	+4.3	2,032	2,113	-3.8
Pacific----- (12 cities)	1,340	1,310	1,276	+5.0	10,746	10,834	-0.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 25, 1956

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

CITY	8th week ended Feb. 25, 1956	7th week ended Feb. 18, 1956	CUMULATIVE NUMBER FIRST 8 WEEKS		CITY	8th week ended Feb. 25, 1956	7th week ended Feb. 18, 1956	CUMULATIVE NUMBER FIRST 8 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	266	253	2,033	2,047	St. Louis, Mo.-----	249	266	2,119	1,783
Bridgeport, Conn.-----	25	25	279	321	St. Paul, Minn.-----	64	61	541	536
Cambridge, Mass.-----	30	35	260	245	Wichita, Kans.-----	39	32	337	326
Fall River, Mass.-----	20	28	238	236	SOUTH ATLANTIC				
Hartford, Conn.-----	59	50	417	438	Atlanta, Ga.-----	110	107	942	859
Lowell, Mass.-----	16	17	187	192	Baltimore, Md.-----	225	254	2,010	1,927
Lynn, Mass.-----	19	28	173	191	Charlotte, N. C.-----	26	26	290	277
New Bedford, Mass.-----	28	21	197	196	Jacksonville, Fla.-----	(58)	(49)	(463)	(416)
New Haven, Conn.-----	39	48	421	404	Miami, Fla.-----	54	44	478	461
Providence, R. I.-----	55	76	517	554	Norfolk, Va.-----	30	28	278	288
Somerville, Mass.-----	16	12	134	130	Richmond, Va.-----	66	61	605	597
Springfield, Mass.-----	43	35	353	363	Savannah, Ga.-----	(37)	(28)	(236)	(269)
Waterbury, Conn.-----	25	14	206	241	Tampa, Fla.-----	58	72	527	493
Worcester, Mass.-----	59	54	426	426	Washington, D. C.-----	174	189	1,556	1,341
					Wilmington, Del.-----	23	84	268	319
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	64	55	413	393	Birmingham, Ala.-----	91	82	666	719
Allentown, Pa.-----	(51)	(26)	(307)	(285)	Chattanooga, Tenn.-----	34	47	359	364
Buffalo, N. Y.-----	122	143	1,171	1,159	Knoxville, Tenn.-----	33	33	334	287
Camden, N. J.-----	23	52	310	332	Louisville, Ky.-----	131	110	947	925
Elizabeth, N. J.-----	32	51	220	242	Memphis, Tenn.-----	93	112	858	843
Erie, Pa.-----	32	28	264	281	Mobile, Ala.-----	31	29	290	232
Jersey City, N. J.-----	49	84	594	600	Montgomery, Ala.-----	32	41	243	243
Newark, N. J.-----	87	103	809	946	Nashville, Tenn.-----	50	53	447	433
New York City, N. Y.-----	1,576	1,609	13,128	13,522	WEST SOUTH CENTRAL				
Paterson, N. J.-----	33	41	297	307	Austin, Tex.-----	24	45	255	233
Philadelphia, Pa.-----	423	477	3,912	4,034	Baton Rouge, La.-----	24	25	173	191
Pittsburgh, Pa.-----	177	207	1,575	1,525	Corpus Christi, Tex.-----	9	20	150	146
Reading, Pa.-----	(17)	(21)	(168)	(193)	Dallas, Tex.-----	97	89	824	792
Rochester, N. Y.-----	93	113	794	805	El Paso, Tex.-----	25	28	241	237
Schenectady, N. Y.-----	18	20	181	184	Fort Worth, Tex.-----	58	69	494	450
Scranton, Pa.-----	(34)	(24)	(271)	(298)	Houston, Tex.-----	125	126	1,084	1,068
Syracuse, N. Y.-----	60	52	504	461	Little Rock, Ark.-----	48	47	414	344
Trenton, N. J.-----	44	42	365	398	New Orleans, La.-----	192	182	1,407	1,330
Utica, N. Y.-----	25	24	253	251	Oklahoma City, Okla.-----	66	50	510	473
Yonkers, N. Y.-----	30	39	267	232	San Antonio, Tex.-----	83	90	698	746
					Shreveport, La.-----	36	36	389	348
EAST NORTH CENTRAL					Tulsa, Okla.-----	53	57	382	378
Akron, Ohio-----	63	49	426	442	MOUNTAIN				
Canton, Ohio-----	31	27	216	227	Albuquerque, N. Mex.-----	35	20	182	245
Chicago, Ill.-----	753	780	6,410	6,029	Colorado Springs, Colo.-----	20	16	123	113
Cincinnati, Ohio-----	143	157	1,315	1,286	Denver, Colo.-----	110	108	895	967
Cleveland, Ohio-----	179	235	1,655	1,658	Ogden, Utah-----	17	9	101	90
Columbus, Ohio-----	116	122	899	896	Phoenix, Ariz.-----	24	34	221	218
Dayton, Ohio-----	50	67	577	560	Pueblo, Colo.-----	13	10	108	114
Detroit, Mich.-----	327	333	2,650	2,729	Salt Lake City, Utah-----	43	52	362	329
Evansville, Ind.-----	43	32	310	250	Tucson, Ariz.-----	4	8	40	37
Flint, Mich.-----	36	49	321	287	PACIFIC				
Fort Wayne, Ind.-----	34	36	318	260	Berkeley, Calif.-----	21	16	157	145
Gary, Ind.-----	(28)	(20)	(245)	(227)	Long Beach, Calif.-----	46	55	455	434
Grand Rapids, Mich.-----	40	61	330	327	Los Angeles, Calif.-----	474	481	3,972	4,087
Indianapolis, Ind.-----	175	106	957	926	Oakland, Calif.-----	106	95	772	774
Milwaukee, Wis.-----	118	132	1,056	986	Pasadena, Calif.-----	33	46	323	304
Peoria, Ill.-----	23	24	232	242	Portland, Oreg.-----	116	86	834	765
South Bend, Ind.-----	28	26	196	204	Sacramento, Calif.-----	62	43	391	410
Toledo, Ohio-----	82	108	803	797	San Diego, Calif.-----	72	78	583	658
Youngstown, Ohio-----	54	42	449	453	San Francisco, Calif.-----	204	193	1,599	1,588
					Seattle, Wash.-----	121	126	1,012	1,016
WEST NORTH CENTRAL					Spokane, Wash.-----	46	55	351	344
Des Moines, Iowa-----	58	49	428	401	Tacoma, Wash.-----	39	36	297	309
Duluth, Minn.-----	19	23	190	218	Honolulu, Hawaii-----	(35)	(29)	(289)	(289)
Kansas City, Kans.-----	30	29	255	295					
Kansas City, Mo.-----	108	109	879	884					
Minneapolis, Minn.-----	109	117	981	966					
Omaha, Nebr.-----	84	60	552	543					

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

EPIDEMIOLOGICAL REPORTS—Continued

was later shipped to a zoo in Texas. A telegram from New York stated that 2 of the animals had elevated temperatures when they were shipped from the State. Shortly after arrival in Oklahoma, 1 of the animals died as a result of an extensive superficial abscess, covering a considerable portion of the thorax, and infection in a pouch opening into the pharynx. A thin purulent material was present in this abscess. The attending veterinarian did not consider tuberculosis at that time and no bacteriological studies were made. About a month later, this animal was replaced by another which became ill late in July or the first of August. The condition became progressively worse and death occurred early in September. A necropsy was performed and a diagnosis of miliary tuberculosis was made. Early in December another of the orangutans expired, with necropsy likewise showing miliary tuberculosis. Two days later the remaining orangutan showed evidence of illness and an eye test showed a positive tuberculin reaction. The animal was placed in isolation and treatment started and it is still alive as of this date. About the middle of January 1956, an old chimpanzee became ill and died about 2½ weeks later. The next day a positive eye test was obtained from another which was later destroyed. Necropsy on this chimpanzee has not been reported, but a test on the one that died showed miliary tuberculosis. All animals present in the primate house during this experience have been given the tuberculin test by the intrapalpebral route and have been reported negative by the attending veterinarian. Attendants and casual visitors inside the primate house have had chest X-rays and no active tuberculosis has been found. An investigation failed to reveal the source of infection of the first animal. The 2 species, orangutans and chimpanzees, are the only primate animals that like or will indulge in milk. In addition to food served to all the animals, they received milk from a goat herd in the zoo. Transmission among the animals may have been by improperly sterilized containers from which the milk was fed.

Trichiniasis

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, has reported 8 cases of trichiniasis which occurred recently. At least 10 other suspected cases are now under observation. A preliminary investigation strongly indicated that most cases were caused by the ingestion of raw or insufficiently cooked sausage. Thus far the cases have been reported from 2 counties, but the distribution of the sausage covered 7.

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