

Morbidity and Mortality

Weekly
Report

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 15, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from all causes reported by the 114 large cities was slightly higher (12,436) than for the previous week (12,415). The numbers reported in the cities in the New England, Mountain, and Pacific Divisions were within the range of the expected; while those in the remaining Divisions were above. For the last 2 weeks the same number of deaths (709) from influenza and pneumonia has been reported in 108 cities.

Many of the States continue to report relatively small numbers of cases of influenza or influenza-like disease. The Vermont Department of Health states that there were 16

deaths from influenza and pneumonia in the towns and cities during January 1958 as compared with 6 in January 1957. The New Jersey State Department of Health reports sporadic cases in 5 counties with isolation of virus in 1 case. Oregon reports the occurrence of minor respiratory illness but no substantial outbreaks of "true epidemic influenza." California reports that influenza and pneumonia deaths in 8 selected cities have remained at about expected values for 4 consecutive weeks. The number of specimens submitted for laboratory tests for influenza are decreasing, and the percentage positive for type A influenza is also declining which suggests a progressive decline in the proportion of respiratory illnesses due to influenza.

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	7th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 15, 1958 ¹	Ended Feb. 16, 1957	Median 1953-57	First 7 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	-	2	2	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)----044	7	17	17	83	94	156	(2)	(2)	(2)	(2)
Diphtheria-----055	10	16	38	130	154	309	902	903	1,623	July 1
Encephalitis, infectious-----082	16	19	19	132	127	131	1,430	1,693	1,468	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	346	418	576	2,426	2,772	4,452	6,231	7,971	11,048	Sept. 1
Malaria-----110-117	1	1	3	7	9	22	(2)	(2)	(2)	(2)
Measles-----085	14,964	14,520	14,520	72,196	76,976	65,726	105,099	114,185	95,573	Sept. 1
Meningococcal infections-----057	71	77	95	420	389	669	1,377	1,120	1,691	Sept. 1
Meningitis, other-----340	44	26	---	310	203	---	---	---	---	---
Poliomyelitis-----080	21	44	66	140	324	769	5,508	14,672	35,358	Apr. 1
Paralytic-----080.0,080.1	9	22	---	77	183	---	---	6,309	---	Apr. 1
Nonparalytic-----080.2	6	12	---	46	84	---	2,685	5,692	---	Apr. 1
Unspecified-----080.3	6	10	---	17	57	---	862	2,671	---	Apr. 1
Psittacosis-----096.2	4	15	11	14	33	33	(2)	(2)	(2)	(2)
Rabies in man-----094	3 ¹	-	-	1	-	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	11	32	27	⁴ 102	147	176	⁴ 1,122	1,594	2,049	Apr. 1
Typhus fever, endemic-----101	1	1	3	3	20	16	92	106	159	Apr. 1
Rabies in animals-----	85	107	142	623	674	818	1,438	1,638	2,183	Oct. 1

¹Data exclude report from Oklahoma for the current week.

²Data show no pronounced seasonal change in incidence.

³Reported from Ohio.

⁴Includes revised report for Florida. Delayed report of 13 cases of typhoid fever included for week ended February 8, 1958, found to be in error.

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

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EPIDEMIOLOGICAL REPORTS—Continued

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, has reported 2 cases of psittacosis in workers, a man and woman, on a duck farm. When the woman visited her physician complaining of mild sore throat, severe general aching, and a hacking cough her temperature was 103.2° F. She was put on achromycin, and returned 1 week later afebrile and symptom free. Blood specimens were taken on December 7, 1957, and January 4, 1958, and were positive for Asian influenza (1:5 and 1:20) and psittacosis (1:4 and 1:64). When the man reported to his physician complaining of headache, mild sore throat, general aching, and hacking cough his temperature was 103° F. He was given procaine penicillin and an analgesic. The following day he was no better, and he then revealed that he worked on the same duck farm. He was placed on tetracycline and became asymptomatic and afebrile. His serologic test for psittacosis was negative on December 7, 1957, but was positive on January 19, 1958 in a dilution of 1:32.

Tularemia

Information has been received from Dr. Mason Romaine, Virginia Department of Health, concerning 2 cases of tularemia which were contracted by 2 hunters, aged 24 and 25 years. After shooting a deer, the men had hunted rabbits. Their dogs caught a rabbit which the hunters skinned and cut up to feed to the dogs. One of the men had scratches on his hands and he developed a hand lesion. The other man wiped the knife used in cutting the rabbit on the leg of his pants, and he developed lesions on his leg where he had briar scratches. A serologic test for *Pasteurella tularensis* was positive in a dilution of 1:200.

Dr. Romaine has also reported cases of tularemia in a husband and wife. The husband had shot a rabbit on his own property. His wife had held the rabbit while he skinned it. A week later the husband became ill with fever, aching, and a cough. His case was diagnosed as influenza, but he did not become afebrile until achromycin was administered. A week later the wife developed similar symptoms, which subsided after 3 days' treatment with achromycin. In another week she developed an abscess on her left elbow, and the doctor obtained the story of the rabbit. The lesion was drained and treatment with achromycin was resumed. At this time the husband had swollen glands in the left arm, and he, too, received additional achromycin. Agglutination tests on both patients were positive for *Pasteurella tularensis* in dilutions of 1:800.

Human leptospirosis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported a case of leptospirosis in a 49-year-old man. The individual became ill on December 21, 1957, with anorexia, malaise, and high fever with severe pain in the occiput. The following day, the patient noted urinary urgency, frequency, and dysuria. The color of the urine became dark, and after several days, the patient noted generalized pruritis, conjunctivitis, photophobia, acholic stools, and jaundice. The man was

hospitalized, and after 3 days of rest he was afebrile and asymptomatic. A complement fixation test was positive for *Leptospira canicola* in a dilution of 1:512. The patient is a rural laborer and lives under primitive conditions. There was evidence of rats in his stockbarn, and his drinking water was obtained from a well unprotected from surface contamination. He drank unpasteurized milk from his own cow. The man did not own dogs or cats but had worked with sick livestock prior to his illness. None of the 7 other family members reported a recent illness.

Shigellosis

The Alabama State Department of Health has forwarded a delayed report of an outbreak of shigellosis in a school in that State in September 1957. Of a school population of 900, 192 suffered from gastro-enteric symptoms. All of those who became ill had eaten in the school cafeteria. Potato salad seemed the most likely medium of infection since it had been neither properly prepared nor properly stored. Stool specimens positive for *Shigella flexneri* were obtained from 5 of 8 cafeteria workers, and the same organism was recovered from 20 of the sick students. Of the 5 cafeteria workers with positive stools, 2 had symptoms during the outbreak and 3 reported that they had enjoyed good health. It was hypothesized that the 3 asymptomatic individuals may have been the carriers of the disease since 2 of them were involved in the preparation of the potato salad.

Diphtheria

The North Carolina State Board of Health has reported the death of a young girl from diphtheria. The girl had not been immunized, and medical attention was not sought until the fifth day of the illness. Death was related to cardiorenal failure with diphtheritic myocarditis. There were 2 secondary cases in the same family. One child had received a single inoculation of diphtheria antigen and was not so ill as her completely unimmunized sibling. Both were promptly treated with diphtheria antitoxin.

Gastro-enteritis

The West Virginia State Department of Health has forwarded information of an outbreak of gastro-enteritis in 4 members of a jury who had eaten both luncheon and dinner at the same restaurant. All 4 of the sick individuals had cramps and diarrhea, and 2 of them vomited. At luncheon the 4 had eaten roast beef and mashed potatoes, but at dinner there were no foods eaten in common. At luncheon, 7 other jury members had eaten roast beef and 2 had eaten mashed potatoes without ill effects. A thorough inspection of the restaurant revealed no conditions which would explain the outbreak. No food remained for laboratory examination. The restaurant employees reported no recent illnesses, although the cook stated that he had noted 2 days prior to the outbreak that the employees' restroom had been entered more frequently than usual, but he had not observed whether these frequent visits had been made by the same person.

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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 16, 1957, AND FEBRUARY 15, 1958

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
			7th week		Cumulative first 7 weeks				7th week		Cumulative first 7 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	7	17	10	16	130	154	16	19	346	418	2,426	2,772
NEW ENGLAND-----	-	-	2	1	4	3	1	-	13	17	67	178
Maine-----	-	-	-	-	-	1	-	-	1	4	8	47
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	3
Vermont-----	-	-	-	-	-	-	-	-	1	4	1	37
Massachusetts-----	-	-	2	1	4	2	1	-	4	7	31	56
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	12	16
Connecticut-----	-	-	-	-	-	-	-	-	6	1	15	19
MIDDLE ATLANTIC-----	1	-	2	-	13	6	-	2	29	67	256	358
New York-----	-	-	1	-	7	2	-	2	18	25	139	179
New Jersey-----	1	-	-	-	1	2	-	-	4	8	33	63
Pennsylvania-----	-	-	1	-	5	2	-	-	7	34	84	116
EAST NORTH CENTRAL-----	3	5	-	1	4	12	2	3	39	76	357	535
Ohio-----	-	1	-	-	2	3	-	2	1	16	90	144
Indiana-----	-	2	-	-	-	-	-	-	1	11	43	50
Illinois-----	1	-	-	-	-	-	-	-	14	12	81	112
Michigan-----	2	2	-	1	2	9	2	1	21	18	127	168
Wisconsin-----	-	-	-	-	-	-	-	-	2	19	16	61
WEST NORTH CENTRAL-----	1	6	-	2	5	19	-	-	31	41	122	209
Minnesota-----	1	-	-	2	-	12	-	-	3	16	16	74
Iowa-----	-	1	-	-	2	1	-	-	11	11	27	45
Missouri-----	-	-	-	-	-	-	-	-	1	10	28	39
North Dakota-----	-	-	-	-	1	-	-	-	7	3	25	42
South Dakota-----	-	2	-	-	-	4	-	-	1	1	1	4
Nebraska-----	-	1	-	-	2	1	-	-	8	-	12	3
Kansas-----	-	2	-	-	-	1	-	-	-	-	13	2
SOUTH ATLANTIC-----	-	4	2	3	39	39	2	4	37	44	179	184
Delaware-----	-	-	-	-	-	-	-	-	-	1	3	1
Maryland-----	-	-	-	-	1	1	-	-	5	1	22	17
District of Columbia-----	-	-	-	-	-	-	-	-	1	-	2	7
Virginia-----	-	-	-	-	5	-	1	1	6	30	44	73
West Virginia-----	-	-	-	-	1	1	-	-	11	1	25	13
North Carolina-----	-	-	-	-	7	7	1	-	-	2	13	17
South Carolina-----	-	-	-	1	7	10	-	-	1	-	6	4
Georgia-----	-	2	1	-	11	9	-	1	2	4	22	28
Florida-----	-	2	1	2	7	11	-	2	11	5	42	24
EAST SOUTH CENTRAL-----	-	-	-	1	12	29	2	2	24	55	205	426
Kentucky-----	-	-	-	-	1	8	2	-	13	33	107	168
Tennessee-----	-	-	-	-	4	2	-	1	7	13	59	191
Alabama-----	-	-	-	-	5	8	-	-	3	3	29	32
Mississippi-----	-	-	-	1	2	11	-	1	1	6	10	35
WEST SOUTH CENTRAL ¹ -----	2	1	4	6	29	35	1	1	22	19	149	148
Arkansas-----	-	-	1	1	3	3	-	-	1	2	10	20
Louisiana-----	1	-	2	-	3	-	-	-	-	2	4	11
Oklahoma-----	-	1	-	1	19	6	-	-	-	-	121	18
Texas-----	1	-	1	4	14	26	1	1	21	15	114	99
MOUNTAIN-----	-	-	-	-	22	6	-	1	92	28	679	233
Montana-----	-	-	-	-	11	2	-	-	14	2	56	22
Idaho-----	-	-	-	-	1	-	-	-	5	-	32	15
Wyoming-----	-	-	-	-	2	1	-	-	2	-	4	6
Colorado-----	-	-	-	-	5	-	-	-	5	9	22	41
New Mexico-----	-	-	-	-	2	3	-	-	20	2	75	61
Arizona-----	-	-	-	-	1	-	-	1	28	13	431	57
Utah-----	-	-	-	-	-	-	-	-	2	1	28	12
Nevada-----	-	-	-	-	-	-	-	-	16	1	31	19
PACIFIC-----	-	1	-	2	2	5	8	6	59	71	412	501
Washington-----	-	-	-	-	-	-	-	-	9	7	78	81
Oregon-----	-	-	-	1	1	1	1	-	2	24	39	118
California-----	-	1	-	1	1	4	7	6	48	40	295	302
Alaska-----	-	-	-	-	1	-	-	-	-	1	126	6
Hawaii-----	-	-	-	-	-	-	-	-	1	-	9	3
Puerto Rico-----	-	-	3	-	8	2	2	-	-	8	24	14

¹Data exclude reports from Oklahoma and Alaska for 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 16, 1957, AND FEBRUARY 15, 1958--Continued
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic		110-117		085	
	7th week		Cumulative first 7 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	21	44	140	324	9	22	6	12	1	1	14,964	14,520
NEW ENGLAND-----	-	-	2	3	-	-	-	-	-	-	1,610	553
Maine-----	-	-	2	1	-	-	-	-	-	-	66	69
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	6	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	78	100
Massachusetts-----	-	-	-	-	-	-	-	-	-	-	1,109	125
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	89	39
Connecticut-----	-	-	-	2	-	-	-	-	-	-	262	220
MIDDLE ATLANTIC-----	-	2	8	10	-	1	-	1	-	-	2,215	1,748
New York-----	-	2	6	9	-	1	-	1	-	-	1,501	686
New Jersey-----	-	-	2	1	-	-	-	-	-	-	300	526
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	414	536
EAST NORTH CENTRAL-----	2	4	12	36	-	1	1	3	-	-	3,171	2,355
Ohio-----	-	-	2	9	-	-	-	-	-	-	712	248
Indiana-----	-	-	1	5	-	-	-	-	-	-	316	401
Illinois-----	1	-	2	5	-	-	-	-	-	-	309	336
Michigan-----	1	3	5	13	-	-	1	3	-	-	296	799
Wisconsin-----	-	1	2	4	-	1	-	-	-	-	1,538	571
WEST NORTH CENTRAL-----	1	7	4	31	1	-	-	1	-	-	231	1,085
Minnesota-----	1	-	1	1	1	-	-	-	-	-	24	233
Iowa-----	-	-	1	3	-	-	-	-	-	-	83	525
Missouri-----	-	5	1	11	-	-	-	-	-	-	46	128
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	180
South Dakota-----	-	-	1	-	-	-	-	-	-	-	-	15
Nebraska-----	-	2	-	10	-	-	-	1	-	-	78	3
Kansas-----	-	-	-	6	-	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	6	12	43	62	3	8	3	1	-	-	1,848	690
Delaware-----	-	-	-	-	-	-	-	-	-	-	18	15
Maryland-----	-	-	-	-	-	-	-	-	-	-	390	9
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	74	9
Virginia-----	-	1	1	4	-	1	-	-	-	-	405	86
West Virginia-----	-	-	1	3	-	-	-	-	-	-	422	69
North Carolina-----	1	1	18	8	-	1	1	-	-	-	177	62
South Carolina-----	-	5	1	19	-	3	-	1	-	-	184	255
Georgia-----	2	1	2	8	1	-	1	-	-	-	105	185
Florida-----	3	4	20	20	2	3	1	-	-	-	73	-
EAST SOUTH CENTRAL-----	1	2	16	22	1	2	-	-	-	-	1,852	1,952
Kentucky-----	1	-	11	2	1	-	-	-	-	-	849	821
Tennessee-----	-	1	2	6	-	1	-	-	-	-	903	700
Alabama-----	-	-	2	5	-	-	-	-	-	-	66	388
Mississippi-----	-	1	1	9	-	1	-	-	-	-	34	43
WEST SOUTH CENTRAL ¹ -----	3	8	19	65	1	5	2	2	-	-	1,847	2,148
Arkansas-----	1	1	2	2	1	-	-	1	-	-	38	71
Louisiana-----	-	1	6	10	-	1	-	-	-	-	7	30
Oklahoma-----	-	1	1	3	-	-	-	-	-	-	-	67
Texas-----	2	5	11	50	-	4	2	1	-	-	1,802	1,980
MOUNTAIN-----	6	1	11	24	1	-	-	1	-	-	1,066	1,609
Montana-----	-	1	-	2	-	-	-	1	-	-	132	94
Idaho-----	-	-	-	-	-	-	-	-	-	-	137	66
Wyoming-----	-	-	1	-	-	-	-	-	-	-	5	2
Colorado-----	-	-	-	5	-	-	-	-	-	-	88	58
New Mexico-----	5	-	7	3	-	-	-	-	-	-	366	322
Arizona-----	1	-	2	3	1	-	-	-	-	-	170	279
Utah-----	-	-	1	9	-	-	-	-	-	-	165	624
Nevada-----	-	-	-	2	-	-	-	-	-	-	3	164
PACIFIC-----	2	8	25	71	2	5	-	3	1	1	1,124	2,380
Washington-----	-	-	-	1	-	-	-	-	-	-	273	482
Oregon-----	-	1	2	7	-	1	-	-	-	1	356	267
California-----	2	7	23	63	2	4	-	3	1	-	495	1,631
Alaska-----	-	-	1	1	-	-	-	-	-	-	-	7
Hawaii-----	-	1	1	2	-	1	-	-	-	-	8	305
Puerto Rico-----	2	-	14	4	2	-	-	-	-	-	58	60

¹Data exclude reports from Oklahoma and Alaska for current week.

²Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 16, 1957, AND FEBRUARY 15, 1958—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

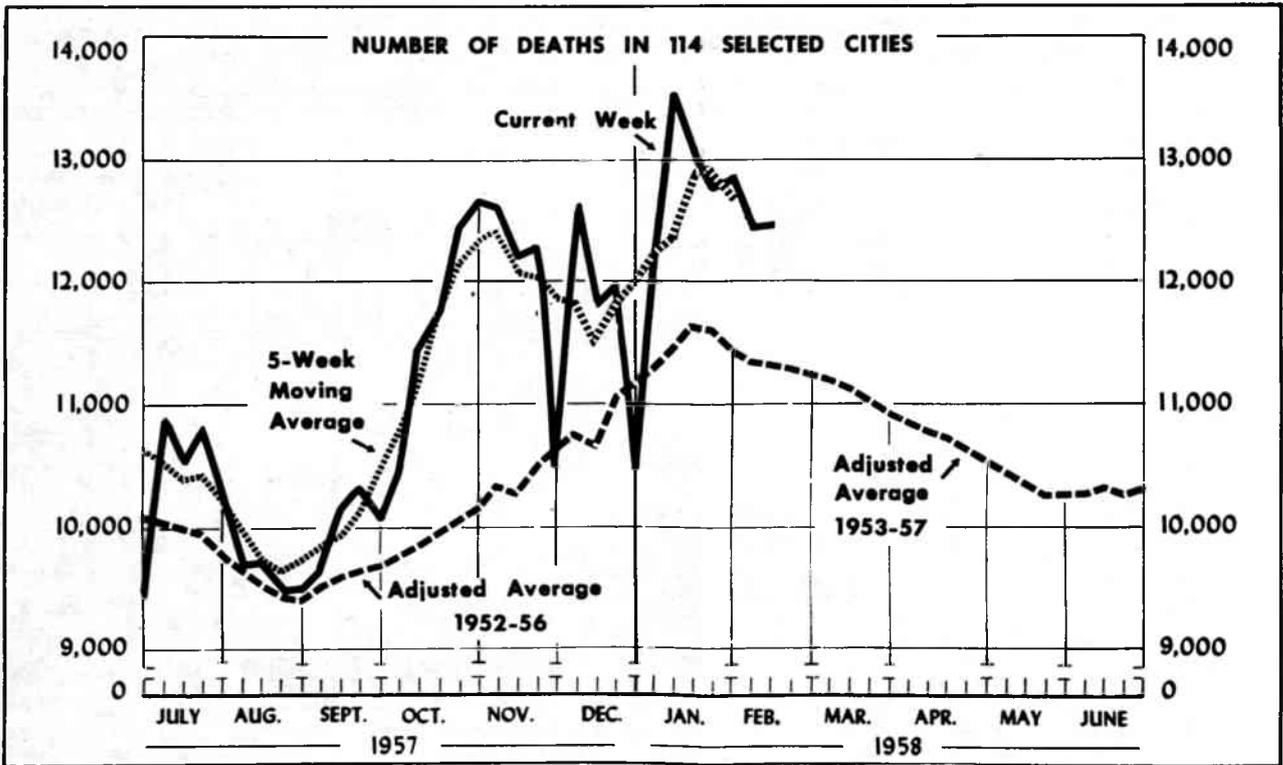
AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340			7th week		Cumulative first 7 weeks		101		
	057	057	1958	096.2	096.2	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES ¹ -----	71	77	44	4	15	11	32	³ 102	147	1	85	107
NEW ENGLAND-----	6	4	2	-	1	-	1	1	6	-	-	-
Maine-----	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	4	2	-	-	-	-	1	1	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	2	-	-	-
Connecticut-----	4	-	-	-	1	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	6	15	-	1	5	3	2	14	19	-	1	2
New York-----	4	1	-	1	1	1	1	3	6	-	1	2
New Jersey-----	-	3	-	-	-	1	-	5	6	-	-	-
Pennsylvania-----	2	11	-	-	4	1	1	6	7	-	-	-
EAST NORTH CENTRAL-----	21	7	13	1	2	2	5	12	18	-	11	12
Ohio-----	6	-	-	-	2	2	2	3	11	-	6	9
Indiana-----	-	-	3	-	-	-	1	4	2	-	-	1
Illinois-----	8	1	9	-	-	-	-	-	1	-	1	-
Michigan-----	7	2	1	-	-	-	1	2	3	-	-	-
Wisconsin-----	-	4	-	1	-	-	1	3	1	-	4	2
WEST NORTH CENTRAL-----	5	6	2	-	3	1	2	15	15	-	10	13
Minnesota-----	-	-	-	-	1	-	1	1	2	-	5	6
Iowa-----	1	-	2	-	2	-	-	4	4	-	4	2
Missouri-----	2	5	-	-	-	1	1	7	7	-	-	5
North Dakota-----	1	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	1	1	-	1	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	-
Kansas-----	1	1	-	-	-	-	-	2	1	-	-	-
SOUTH ATLANTIC-----	9	14	12	2	1	2	13	³ 19	32	-	26	33
Delaware-----	-	1	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	-	3	-	-	-	-	1	-	-	-	-
District of Columbia-----	-	-	-	-	-	1	-	1	-	-	-	-
Virginia-----	1	1	3	2	1	1	5	3	8	-	8	4
West Virginia-----	-	-	-	-	-	-	1	1	5	-	4	6
North Carolina-----	1	3	-	-	-	-	3	9	6	-	-	4
South Carolina-----	3	1	1	-	-	-	2	1	2	-	4	5
Georgia-----	1	3	2	-	-	-	-	-	4	-	10	8
Florida-----	1	5	3	-	-	-	4	³ 3	7	-	-	6
EAST SOUTH CENTRAL-----	4	12	3	-	1	-	6	6	23	-	27	18
Kentucky-----	3	2	-	-	-	-	3	1	5	-	19	8
Tennessee-----	-	4	1	-	1	-	1	2	10	-	3	2
Alabama-----	1	5	-	-	-	-	1	2	1	-	4	8
Mississippi-----	-	1	2	-	-	-	1	1	7	-	1	-
WEST SOUTH CENTRAL ¹ -----	9	5	6	-	-	1	1	21	18	-	10	24
Arkansas-----	1	-	4	-	-	-	-	-	5	-	1	3
Louisiana-----	3	2	-	-	-	1	-	12	1	-	-	5
Oklahoma-----	-	-	-	-	-	-	-	1	3	-	-	1
Texas-----	5	3	2	-	-	-	1	9	9	-	9	15
MOUNTAIN-----	2	6	3	-	-	-	2	1	9	-	-	3
Montana-----	-	-	-	-	-	-	-	-	1	-	-	-
Idaho-----	-	-	-	-	-	-	1	-	1	-	-	-
Wyoming-----	-	1	-	-	-	-	-	-	2	-	-	-
Colorado-----	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico-----	1	-	1	-	-	-	1	1	4	-	-	2
Arizona-----	-	5	2	-	-	-	-	-	1	-	-	1
Utah-----	1	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	9	8	3	-	2	2	-	13	7	1	-	2
Washington-----	-	1	3	-	-	-	-	-	-	-	-	-
Oregon-----	-	3	-	-	1	-	-	3	-	-	-	-
California-----	9	4	-	-	1	2	-	10	7	1	-	2
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	2	7	-	-	-

¹Data exclude reports from Oklahoma and Alaska for current week.

³Includes revised report for Florida. Delayed report of 13 cases of typhoid fever included for week ended Feb. 8, 1958, found to be in error.

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

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified 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 and because of incomplete reporting due to holidays or vacations. 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 for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	7th week ended Feb. 15, 1958	6th week ended Feb. 8, 1958	Adjusted average, 7th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 7 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	12,439	12,415	11,330	+9.8	89,184	80,695	+10.5
New England----- (14 cities)	756	768	745	+1.5	5,375	5,405	-0.6
Middle Atlantic----- (20 cities)	1,359	3,702	3,352	+4.7	126,091	23,373	+11.6
East North Central----- (19 cities)	2,690	2,614	2,448	+9.9	19,158	17,228	+11.2
West North Central----- (9 cities)	940	827	801	+17.4	6,197	5,589	+10.9
South Atlantic----- (11 cities)	1,208	1,034	945	+27.8	7,722	6,941	+11.3
East South Central----- (8 cities)	575	632	508	+13.2	4,216	3,569	+18.1
West South Central----- (13 cities)	1,076	1,120	870	+23.7	7,817	6,621	+18.1
Mountain----- (8 cities)	290	320	268	+8.2	2,329	1,966	+18.5
Pacific----- (12 cities)	1,395	1,398	1,374	+1.5	10,279	10,003	+2.8

¹Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	7th week ended Feb. 15, 1958	6th week ended Feb. 8, 1958	CUMULATIVE NUMBER FIRST 7 WEEKS		AREA	7th week ended Feb. 15, 1958	6th week ended Feb. 8, 1958	CUMULATIVE NUMBER FIRST 7 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	257	272	1,850	1,846	St. Louis, Mo.-----	322	270	2,073	1,729
Bridgeport, Conn.-----	39	42	288	285	St. Paul, Minn.-----	70	59	564	477
Cambridge, Mass.-----	45	29	220	233	Wichita, Kans.-----	52	34	347	321
Fall River, Mass.-----	37	30	207	180	SOUTH ATLANTIC:				
Hartford, Conn.-----	46	54	380	391	Atlanta, Ga.-----	130	101	838	859
Lowell, Mass.-----	26	26	198	197	Baltimore, Md.-----	293	252	2,025	1,801
Lynn, Mass.-----	20	22	154	179	Charlotte, N. C.-----	43	44	263	261
New Bedford, Mass.-----	30	30	221	212	Jacksonville, Fla.-----	90	73	543	392
New Haven, Conn.-----	50	45	342	348	Miami, Fla.-----	85	101	562	374
Providence, R. I.-----	58	66	504	472	Norfolk, Va.-----	65	35	298	281
Somerville, Mass.-----	12	15	100	101	Richmond, Va.-----	79	95	556	565
Springfield, Mass.-----	41	37	310	318	Savannah, Ga.-----	42	28	276	234
Waterbury, Conn.-----	30	30	209	190	St. Petersburg, Fla.-----	(75)	(82)	(545)	---
Worcester, Mass.-----	65	70	392	453	Tampa, Fla.-----	77	50	507	492
MIDDLE ATLANTIC:					Washington, D. C.-----	256	210	1,568	1,392
Albany, N. Y.-----	75	60	411	358	Wilmington, Del.-----	48	45	287	290
Allentown, Pa.-----	30	31	270	274	EAST SOUTH CENTRAL:				
Ruffalo, N. Y.-----	77	151	1,101	1,128	Birmingham, Ala.-----	115	103	706	574
Camden, N. J.-----	51	49	341	292	Chattanooga, Tenn.-----	35	61	388	370
Elizabeth, N. J.-----	38	54	271	184	Knoxville, Tenn.-----	27	24	225	227
Erie, Pa.-----	40	29	267	264	Louisville, Ky.-----	104	138	881	797
Jersey City, N. J.-----	71	77	582	518	Memphis, Tenn.-----	141	133	910	723
Newark, N. J.-----	77	114	823	766	Mobile, Ala.-----	53	46	348	250
New York City, N. Y.-----	1,966	1,917	13,581	12,057	Montgomery, Ala.-----	39	76	313	179
Paterson, N. J.-----	52	40	355	287	Nashville, Tenn.-----	61	51	445	449
Philadelphia, Pa.-----	483	569	3,944	3,276	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	174	219	1,504	1,358	Austin, Tex.-----	37	36	253	246
Reading, Pa.-----	127	28	159	177	Baton Rouge, La.-----	31	42	272	203
Rochester, N. Y.-----	97	124	740	730	Corpus Christi, Tex.-----	22	21	171	125
Schenectady, N. Y.-----	22	31	195	166	Dallas, Tex.-----	117	154	861	796
Scranton, Pa.-----	37	35	234	293	El Paso, Tex.-----	40	45	305	211
Syracuse, N. Y.-----	60	64	468	433	Fort Worth, Tex.-----	66	86	492	440
Trenton, N. J.-----	57	44	382	341	Houston, Tex.-----	193	188	1,335	1,041
Utica, N. Y.-----	41	31	220	231	Little Rock, Ark.-----	55	67	429	395
Yonkers, N. Y.-----	34	37	243	240	New Orleans, La.-----	236	197	1,570	1,270
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	56	67	552	456
Akron, Ohio-----	70	53	443	386	San Antonio, Tex.-----	112	95	827	721
Canton, Ohio-----	22	30	205	238	Shreveport, La.-----	62	39	371	361
Chicago, Ill.-----	879	872	6,458	5,581	Tulsa, Okla.-----	49	83	379	356
Cincinnati, Ohio-----	192	186	1,280	1,165	MOUNTAIN:				
Cleveland, Ohio-----	217	233	1,577	1,560	Albuquerque, N. Mex.-----	36	27	201	184
Columbus, Ohio-----	138	134	903	787	Colorado Springs, Colo.-----	15	18	105	93
Dayton, Ohio-----	78	73	565	549	Denver, Colo.-----	105	125	917	851
Detroit, Mich.-----	376	369	2,549	2,372	Ogden, Utah-----	14	15	118	90
Evansville, Ind.-----	47	34	297	212	Phoenix, Ariz.-----	33	56	371	224
Flint, Mich.-----	46	45	296	269	Pueblo, Colo.-----	16	14	97	93
Fort Wayne, Ind.-----	48	28	289	263	Salt Lake City, Utah-----	49	43	343	298
Gary, Ind.-----	34	39	261	217	Tucson, Ariz.-----	22	22	177	133
Grand Rapids, Mich.-----	48	34	337	285	PACIFIC:				
Indianapolis, Ind.-----	131	121	905	885	Berkeley, Calif.-----	14	17	135	153
Madison, Wis.-----	(25)	---	---	(230)	Fresno, Calif.-----	(29)	(46)	(264)	---
Milwaukee, Wis.-----	130	146	1,106	924	Glendale, Calif.-----	(36)	(30)	(252)	---
Peoria, Ill.-----	37	40	241	216	Long Beach, Calif.-----	51	57	432	413
Rockford, Ill.-----	(41)	(26)	(214)	(164)	Los Angeles, Calif.-----	501	558	3,762	3,641
South Bend, Ind.-----	32	32	212	183	Oakland, Calif.-----	89	117	733	761
Toledo, Ohio-----	103	99	850	707	Pasadena, Calif.-----	40	32	261	296
Youngstown, Ohio-----	62	46	404	429	Portland, Oreg.-----	117	62	756	715
WEST NORTH CENTRAL:					Sacramento, Calif.-----	48	57	389	391
Des Moines, Iowa-----	51	52	436	393	San Diego, Calif.-----	85	75	623	610
Duluth, Minn.-----	26	32	179	204	San Francisco, Calif.-----	202	213	1,530	1,431
Kansas City, Kans.-----	32	20	214	220	San Jose, Calif.-----	(23)	(26)	(163)	---
Kansas City, Mo.-----	150	156	943	818	Seattle, Wash.-----	151	145	1,006	949
Lincoln, Nebr.-----	(20)	(31)	(195)	---	Spokane, Wash.-----	54	38	363	345
Minneapolis, Minn.-----	155	126	934	909	Tacoma, Wash.-----	43	27	289	298
Omaha, Nebr.-----	82	78	507	518	Honolulu, Hawaii-----	(46)	(30)	(288)	(294)

¹Estimated.

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

Morbidity and Mortality Weekly Report

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The address and telephone number of the yellow fever vaccination center at the Knoxville-Knox County Health Department should be changed to:

400 West Hill,
Knoxville, Tennessee
Tel. 4-3609

All other information concerning this center remains the same (see this Report, Vol. 6, No. 17).

Clinic hours at the yellow fever vaccination center located at the Public Health Service, Outpatient Clinic, 4th and C Streets, S. W., Washington, D. C., (p. 50) are now scheduled for Tuesday, Thursday, and Friday, 3-4 p.m., with registration at 2:45 p.m. All other information remains the same.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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