



Morbidity and Mortality

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EPIDEMIOLOGIC NOTES AND REPORTS
INFLUENZA - United States and Puerto Rico

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During the week ending January 25, 1969, 48 states and the District of Columbia reported decreasing influenza activity and one state reported a peak in influenza activity. Widespread influenza activity was reported from 23 states, the District of Columbia, and Puerto Rico; regional influenza activity was reported in three states, isolated outbreaks in five states, and scattered isolated cases in 19 states (Figure 1). The states with widespread occurrence are located predominantly in the South Atlantic, East South Central, New England, and Pacific Divisions, while the Middle Atlantic, East North Central, and Mountain Divisions reported the greatest decline in influenza activity. Slightly elevated school absenteeism was reported from 16 states, and no schools were closed because of influenza.

Slightly increased industrial absenteeism was reported from nine states and the District of Columbia. According to reports from state surveillance systems, the peak influenza activity occurred during the period between December 15, 1968, and January 11, 1969.

(Continued on page 30)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
 (Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	4th WEEK ENDED		MEDIAN 1964 - 1968	CUMULATIVE, FIRST 4 WEEKS		
	January 25, 1969	January 27, 1968		1969	1968	MEDIAN 1964 - 1968
Aseptic meningitis	30	29	27	87	106	115
Brucellosis	2	-	6	7	2	14
Diphtheria	2	5	4	9	7	10
Encephalitis, primary:						
Arthropod-borne & unspecified	31	14	21	76	67	89
Encephalitis, post-infectious	3	4	12	19	32	32
Hepatitis, serum	99	81	851	360	260	3,103
Hepatitis, infectious	889	888	12	3,072	3,068	25
Malaria	50	45	12	152	157	25
Measles (rubeola)	345	551	5,786	1,127	1,808	20,146
Meningococcal infections, total	105	99	58	311	290	253
Civilian	100	89	-	297	276	-
Military	5	10	-	14	14	-
Mumps	2,191	4,354	-	7,914	17,459	-
Poliomyelitis, total	-	-	-	-	-	-
Paralytic	-	-	-	-	-	-
Rubella (German measles)	506	555	-	1,552	1,918	-
Streptococcal sore throat & scarlet fever	11,837	11,421	11,401	42,018	43,364	39,665
Tetanus	1	4	4	6	6	10
Tularemia	2	3	5	7	5	17
Typhoid fever	3	1	8	15	17	18
Typhus, tick-borne (Rky. Mt. spotted fever)	-	-	-	1	2	3
Rabies in animals	80	92	81	215	295	284

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Rabies in man:	-
Botulism:	-	Rubella congenital syndrome:	-
Leptospirosis: Calif.-1, Iowa-1	4	Trichinosis: Miss.-4, Va.-1	9
Plague:	-	Typhus, murine:*	-
Psittacosis:* Calif.-1	2		

*Delayed Reports: Psittacosis: N.J. 1(1968)
 Typhus, murine: Tex. 2(1968)

INFLUENZA - (Continued from front page)

Figure 1
INFLUENZA - UNITED STATES
JANUARY 18 - JANUARY 25, 1969



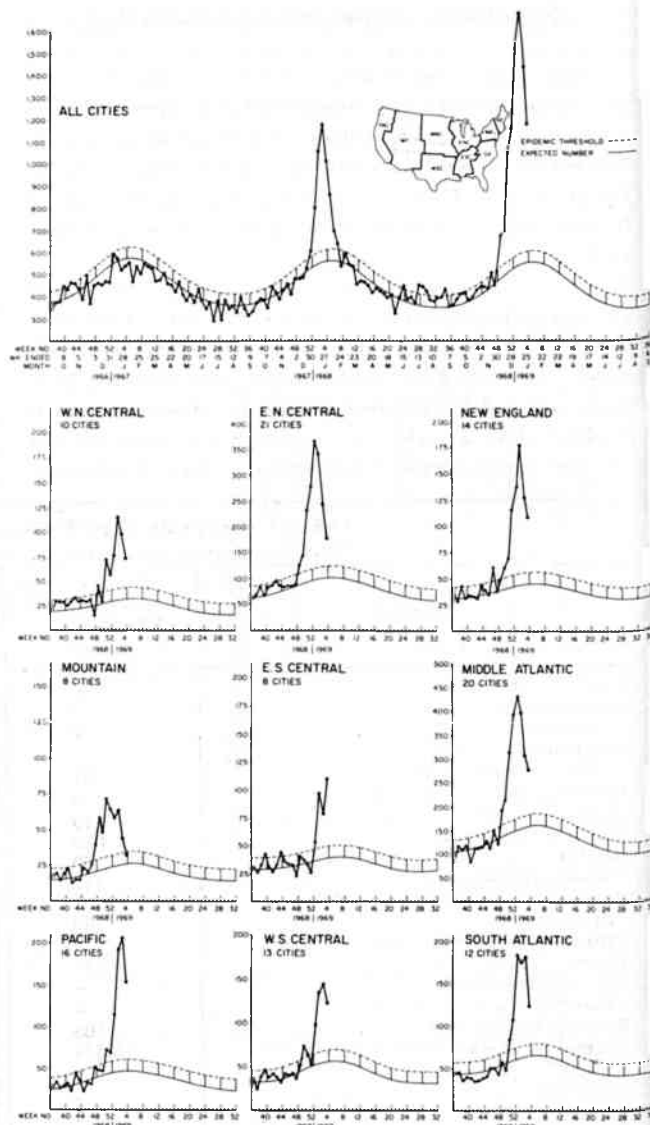
During the past 3 weeks (January 11-25, 1969), Puerto Rico reported an increasing number of cases of influenza-like disease (Figure 2). Puerto Rico first reported influenza-like illness which was subsequently documented as A2/Hong Kong/68 in September. The peak incidence occurred during the week ending October 26 when 12,853 cases were reported. From November 2 through January 4, the number of reported influenza cases declined slowly to a low level of 2,166 cases. Since then, there has been a progressive increase in reported influenza cases with a total of 8,579 being reported for the week ending January 25. Further epidemiologic information and laboratory documentation are pending.

Figure 2
REPORTED INFLUENZA CASES
PUERTO RICO
SEPTEMBER 7, 1968 - JANUARY 25, 1969



For the week ending January 25, total mortality and total pneumonia-influenza deaths in 122 U.S. cities showed a decline from the previous week's total (Figure 3). With the exception of the East South Central Division, all geographic divisions reflected this decline. For the first time in 9 weeks, no excess pneumonia-influenza deaths were reported from the Mountain Division.

Figure 3
PNEUMONIA-INFLUENZA DEATHS
IN 122 UNITED STATES CITIES



(Reported by Kenneth Ramirez Smith, M.D., Director, Programs for Preventive Medicine, and Luis E. Mainardi, M.D., Chief, Communicable Disease Control, Puerto Rico Department of Health; the Statistics Section, and the Respiratory Diseases Unit, Viral Diseases Section, Epidemiology Program, NCDC.)

TRICHINOSIS — Washington, Missouri

An outbreak of trichinosis with 47 suspected cases has been reported from Washington, Missouri; eight persons were hospitalized. The first reported illness began December 28, 1968, and onsets of additional cases continued through the past week. The most common clinical features were periorbital edema, headache, fever, myalgia, conjunctivitis, blurred vision, photophobia, and fatigue. Less than half the patients reported diarrhea or gastrointestinal illness. All patients had eosinophilia which ranged from 6 to 59 percent and which was not consistently accompanied by leukocytosis. The more severely ill patients received thiabendazole or steroid therapy. The diagnosis of trichinosis was confirmed in two patients by muscle biopsy. Sera were collected for bentonite flocculation and charcoal card tests; these test results are pending.

Of the 47 patients, 46 gave a history of eating a locally prepared, uncooked summer sausage. The sausage was prepared from fresh pork trimmings that were seasoned, ground, and mixed with ground beef. After light smoking,

the sausage was partially dried without control of temperature or humidity in a "curing room" for 2 to 3 weeks. Laboratory testing of a specimen of leftover summer sausage by pepsin hydrochloric acid digestion demonstrated *Trichinella spiralis*. No larval movement was seen, but the parasites were well preserved and not calcified.

The implicated sausage was voluntarily withdrawn from distribution by the producer at the beginning of the investigation, unsold sausage was impounded by the state department of agriculture, and the sold sausage was recalled. Investigation to locate other possible cases is continuing.

(Reported by E. A. Belden, M.D., Director, Bureau of Communicable Disease Control, Missouri Division of Health; Frank G. Mays, M.D., Health Officer, Washington, Missouri; Parasitology Section, Laboratory Program, and Parasitic Diseases Section, Epidemiology Program, NCDC; and an EIS Officer.)

TULAREMIA — Allegheny County, Pennsylvania

On October 26, 1968, a group of six teen-aged boys went hunting on farmland in Allegheny County, Pennsylvania, and shot a total of 26 rabbits, and on October 29, a 16-year-old boy, a member of the original hunting group, killed a rabbit in the same area. On October 30, this boy, Case 1, experienced pain in his left arm followed by headache, chills, fever, and enlarged lymph nodes in the left axilla. He developed severe symptoms which did not respond to penicillin and sulfonamides, and he eventually required hospitalization between November 11 and 27 during which time enlarged nodes in the left axilla were excised and drained. He subsequently responded to a course of streptomycin and tetracycline while in the hospital. The mother, Case 2, of one of the first six hunters jabbed her right thumb with rabbit bone while dressing a carcass on the day of the hunt. Three days later, she developed nausea, chills, swelling in her right hand, inflamed lymphatics, enlarged right axillary lymph nodes, and backache. She recovered following a course of streptomycin and chloramphenicol.

A second hunter, Case 3, age 17 and the son of Case 2, assisted in eviscerating the rabbits on the day that they were shot. Four days later, he developed a syndrome of nausea, weakness, fever, chills, and intermittent head-

ache. It was initially felt that he had a renal infection because of albuminuria. However, 11 days later, he developed a productive and persistent cough. He was subsequently hospitalized with radiologic evidence of left lower lobe pneumonia. The patient had no skin lesions or lymphadenopathy and this was felt to be a case of primary tularemia pneumonia.

In addition to these three symptomatic individuals, a total of 19 persons had handled these rabbits. These persons were interviewed and submitted blood specimens, but all 19 had negative agglutination titers against *Francisella tularensis*. The three symptomatic individuals all had titers in excess of 1:160, 2 to 3 weeks after contact with these rabbits. Two rabbit carcasses and one rabbit skin from the original hunt were cultured for tularemia organisms, but results were negative.

(Reported by J. B. Bonessi, M.D., N. A. Schwartz, M.D., and W. Pigozzi, M.D., Physicians, Allegheny County; William G. Lord, D.V.M., Public Health Veterinarian, Shirley E. Johnson, M.D., Chief, Division of Communicable Disease Control, and Joseph Sarandria, Laboratory Director, Allegheny County Health Department; and W. D. Schrack, Jr., M.D., Director, Division of Communicable Diseases, Pennsylvania Department of Health.)

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
JANUARY 25, 1969 AND JANUARY 27, 1968 (4th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPHThERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post- Infectious	Serum	Infectious		1969	Cum. 1969
				1969	1968	1969	1969	1969	1968		
UNITED STATES...	30	2	2	31	14	3	99	889	888	50	152
NEW ENGLAND.....	1	-	-	2	1	-	5	51	26	2	6
Maine*.....	-	-	-	-	-	-	-	1	2	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	1	2	1	-	-
Massachusetts.....	1	-	-	1	1	-	-	27	10	2	6
Rhode Island.....	-	-	-	-	-	-	1	14	4	-	-
Connecticut.....	-	-	-	1	-	-	3	6	9	-	-
MIDDLE ATLANTIC.....	3	-	-	3	5	-	23	154	126	3	5
New York City.....	1	-	-	-	-	-	21	60	44	-	-
New York, up-State.	-	-	-	2	1	-	-	38	16	-	1
New Jersey.....	1	-	-	-	-	-	2	17	32	-	1
Pennsylvania.....	1	-	-	1	4	-	-	39	34	3	3
EAST NORTH CENTRAL...	3	-	-	8	3	-	10	126	154	1	6
Ohio.....	-	-	-	6	-	-	1	44	46	-	1
Indiana.....	-	-	-	-	-	-	1	7	4	-	-
Illinois.....	2	-	-	-	1	-	-	17	45	-	-
Michigan*.....	1	-	-	2	2	-	8	50	50	1	5
Wisconsin.....	-	-	-	-	-	-	-	8	9	-	-
WEST NORTH CENTRAL...	-	-	-	1	-	-	4	60	69	8	11
Minnesota*.....	-	-	-	-	-	-	4	10	20	-	-
Iowa.....	-	-	-	-	-	-	-	20	11	3	3
Missouri.....	-	-	-	-	-	-	-	18	17	-	-
North Dakota.....	-	-	-	-	-	-	-	-	15	-	-
South Dakota.....	-	-	-	-	-	-	-	4	-	-	-
Nebraska.....	-	-	-	-	-	-	-	3	1	1	1
Kansas.....	-	-	-	1	-	-	-	5	5	4	7
SOUTH ATLANTIC.....	4	-	-	6	1	1	3	79	80	23	51
Delaware.....	-	-	-	-	-	-	-	-	3	-	-
Maryland.....	-	-	-	-	1	-	-	13	11	-	-
Dist. of Columbia..	-	-	-	-	-	-	1	2	2	-	-
Virginia.....	-	-	-	2	-	-	-	7	4	2	2
West Virginia*.....	-	-	-	-	-	-	-	5	9	-	-
North Carolina.....	2	-	-	1	-	-	-	13	5	19	38
South Carolina.....	-	-	-	-	-	-	1	4	3	-	6
Georgia.....	-	-	-	-	-	-	-	6	36	-	3
Florida.....	2	-	-	3	-	1	1	29	7	2	2
EAST SOUTH CENTRAL...	1	-	-	3	-	1	-	79	78	1	2
Kentucky.....	-	-	-	-	-	-	-	32	27	1	1
Tennessee.....	1	-	-	3	-	1	-	29	30	-	-
Alabama.....	-	-	-	-	-	-	-	11	5	-	1
Mississippi.....	-	-	-	-	-	-	-	7	16	-	-
WEST SOUTH CENTRAL...	5	1	1	1	2	-	3	63	102	-	4
Arkansas.....	-	-	1	-	-	-	-	-	3	-	2
Louisiana.....	1	1	-	1	1	-	3	18	8	-	2
Oklahoma.....	-	-	-	-	1	-	-	7	25	-	-
Texas*.....	4	-	-	-	-	-	-	38	66	-	-
MOUNTAIN.....	1	-	-	2	-	-	-	27	34	6	15
Montana.....	-	-	-	-	-	-	-	-	4	-	-
Idaho.....	1	-	-	-	-	-	-	2	3	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	2	-	-	-	3	3	6	14
New Mexico.....	-	-	-	-	-	-	-	3	9	-	1
Arizona.....	-	-	-	-	-	-	-	6	7	-	-
Utah*.....	-	-	-	-	-	-	-	13	8	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	12	1	1	5	2	1	51	250	219	6	52
Washington.....	-	-	-	-	-	-	-	37	24	-	-
Oregon.....	1	-	-	-	-	-	1	13	9	-	1
California.....	11	1	-	5	2	1	50	199	184	6	43
Alaska.....	-	-	-	-	-	-	-	1	-	-	-
Hawaii.....	-	-	1	-	-	-	-	-	2	-	8
Puerto Rico.....	-	-	-	-	-	-	-	2	3	-	-

*Delayed reports: Aseptic meningitis: Minn. 7 (1968)

Brucellosis: Tex. 2 (1968)

Diphtheria: Tex. 1 (1968)

Encephalitis, primary: W. Va. 1 (1968), Utah delete 1 (1969)

Encephalitis, post-infectious: Tex. 1 (1968)

Hepatitis, serum: Mich. 5 (1969)

Hepatitis, infectious: Me. 4 (1969)

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 25, 1969 AND JANUARY 27, 1968 (4th WEEK) CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
	Cumulative			Cumulative				Total	Paralytic		
	1969	1969	1968	1969	1969	1968		1969	1969	Cum. 1969	
UNITED STATES...	345	1,127	1,808	105	311	290	2,191	-	-	-	506
NEW ENGLAND.....	12	38	60	4	14	13	385	-	-	-	61
Maine.....	-	2	7	1	1	2	47	-	-	-	3
New Hampshire.....	1	1	3	-	-	2	1	-	-	-	-
Vermont.....	-	-	-	-	-	1	43	-	-	-	3
Massachusetts.....	1	12	26	3	6	3	150	-	-	-	23
Rhode Island.....	-	-	1	-	2	-	24	-	-	-	2
Connecticut.....	10	23	23	-	5	5	120	-	-	-	30
MIDDLE ATLANTIC.....	98	345	203	17	48	26	62	-	-	-	35
New York City.....	68	213	32	4	7	2	34	-	-	-	15
New York, Up-State.....	7	36	131	2	11	2	NN	-	-	-	11
New Jersey.....	17	47	33	6	19	8	28	-	-	-	9
Pennsylvania.....	6	49	7	5	11	14	NN	-	-	-	-
EAST NORTH CENTRAL...	22	107	561	18	48	36	468	-	-	-	94
Ohio.....	5	12	69	6	12	10	45	-	-	-	8
Indiana.....	-	26	88	4	6	4	41	-	-	-	26
Illinois.....	3	9	258	1	6	7	35	-	-	-	3
Michigan.....	3	13	31	6	21	13	77	-	-	-	35
Wisconsin.....	11	47	115	1	3	2	270	-	-	-	22
WEST NORTH CENTRAL...	8	34	44	3	18	21	235	-	-	-	53
Minnesota.....	-	-	-	1	5	4	19	-	-	-	1
Iowa.....	2	14	15	2	2	1	187	-	-	-	48
Missouri*	-	-	3	-	6	4	5	-	-	-	-
North Dakota.....	-	-	16	-	-	1	12	-	-	-	-
South Dakota.....	-	-	3	-	-	3	NN	-	-	-	-
Nebraska.....	6	20	4	-	2	1	9	-	-	-	2
Kansas.....	-	-	3	-	3	7	3	-	-	-	2
SOUTH ATLANTIC.....	34	200	143	16	59	63	95	-	-	-	79
Delaware.....	1	1	-	-	3	-	1	-	-	-	19
Maryland.....	1	1	12	-	5	3	15	-	-	-	4
Dist. of Columbia..	-	-	2	-	-	1	1	-	-	-	-
Virginia.....	5	29	19	4	7	6	14	-	-	-	2
West Virginia.....	5	21	47	-	2	2	35	-	-	-	35
North Carolina.....	-	5	3	5	9	13	NN	-	-	-	-
South Carolina.....	-	13	4	1	6	12	13	-	-	-	6
Georgia.....	-	-	2	1	11	7	-	-	-	-	-
Florida.....	22	130	54	5	16	19	16	-	-	-	13
EAST SOUTH CENTRAL...	10	19	43	7	13	24	124	-	-	-	21
Kentucky.....	4	6	6	4	6	6	66	-	-	-	10
Tennessee.....	1	3	15	3	7	7	42	-	-	-	10
Alabama.....	-	-	14	-	-	1	14	-	-	-	1
Mississippi.....	5	10	8	-	-	10	2	-	-	-	-
WEST SOUTH CENTRAL...	121	265	365	9	29	70	334	-	-	-	42
Arkansas.....	-	-	-	-	-	2	1	-	-	-	-
Louisiana.....	-	-	1	4	12	13	9	-	-	-	-
Oklahoma.....	-	1	42	-	1	21	31	-	-	-	19
Texas.....	121	264	322	5	16	34	293	-	-	-	23
MOUNTAIN.....	25	56	71	2	12	3	86	-	-	-	51
Montana.....	-	-	1	-	-	1	15	-	-	-	-
Idaho.....	-	-	6	-	2	-	3	-	-	-	1
Wyoming.....	-	-	17	-	-	-	-	-	-	-	-
Colorado.....	-	2	26	-	-	1	-	-	-	-	16
New Mexico.....	1	9	7	2	4	-	33	-	-	-	8
Arizona.....	23	44	14	-	3	1	34	-	-	-	21
Utah.....	-	-	-	-	1	-	1	-	-	-	5
Nevada.....	1	1	-	-	2	-	-	-	-	-	-
PACIFIC.....	15	63	318	29	70	34	402	-	-	-	70
Washington.....	-	2	87	-	2	6	167	-	-	-	18
Oregon.....	3	20	76	-	1	3	5	-	-	-	15
California.....	12	40	141	29	65	25	203	-	-	-	31
Alaska.....	-	1	-	-	-	-	23	-	-	-	3
Hawaii.....	-	-	14	-	2	-	4	-	-	-	3
Puerto Rico.....	10	30	15	2	2	-	7	-	-	-	-

*Delayed reports: Measles: Mo. delete 39 (1969)
 Meningococcal infections: Mo. delete 1 (1969)
 Rubella: Mo. 24 (1969)

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 25, 1969 AND JANUARY 27, 1968 (4th WEEK) CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
		1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969	1969	Cum. 1969
UNITED STATES...	11,837	1	6	2	7	3	15	-	1	80	215
NEW ENGLAND.....	1,681	-	-	-	-	-	-	-	-	1	2
Maine*.....	34	-	-	-	-	-	-	-	-	-	1
New Hampshire.....	28	-	-	-	-	-	-	-	-	-	-
Vermont.....	11	-	-	-	-	-	-	-	-	1	1
Massachusetts.....	360	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	85	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,163	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	315	-	-	-	-	-	2	-	-	-	1
New York City.....	15	-	-	-	-	-	1	-	-	-	-
New York, Up-State.....	230	-	-	-	-	-	1	-	-	-	1
New Jersey*.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	70	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL...	719	-	2	-	-	-	-	-	-	5	11
Ohio.....	86	-	-	-	-	-	-	-	-	-	1
Indiana.....	185	-	-	-	-	-	-	-	-	-	3
Illinois.....	81	-	1	-	-	-	-	-	-	-	1
Michigan.....	222	-	1	-	-	-	-	-	-	-	-
Wisconsin.....	145	-	-	-	-	-	-	-	-	5	6
WEST NORTH CENTRAL...	565	-	-	-	1	-	-	-	-	11	28
Minnesota.....	60	-	-	-	-	-	-	-	-	1	4
Iowa.....	102	-	-	-	-	-	-	-	-	-	7
Missouri.....	10	-	-	-	1	-	-	-	-	4	10
North Dakota.....	100	-	-	-	-	-	-	-	-	6	6
South Dakota*.....	41	-	-	-	-	-	-	-	-	-	-
Nebraska.....	156	-	-	-	-	-	-	-	-	-	-
Kansas.....	96	-	-	-	-	-	-	-	-	-	1
SOUTH ATLANTIC.....	1,346	-	1	1	2	-	2	-	-	21	67
Delaware.....	19	-	-	-	-	-	-	-	-	-	-
Maryland.....	208	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	1	-	1	-	-	-	-	-	-	-	-
Virginia.....	440	-	-	-	-	-	-	-	-	16	47
West Virginia.....	243	-	-	1	2	-	-	-	-	1	7
North Carolina.....	64	-	-	-	-	-	1	-	-	-	-
South Carolina.....	230	-	-	-	-	-	1	-	-	-	-
Georgia.....	5	-	-	-	-	-	-	-	-	2	5
Florida.....	136	-	-	-	-	-	-	-	-	2	8
EAST SOUTH CENTRAL...	1,814	-	-	-	2	1	2	-	1	23	50
Kentucky.....	225	-	-	-	-	-	-	-	-	13	31
Tennessee.....	1,331	-	-	-	2	1	2	-	1	8	14
Alabama.....	159	-	-	-	-	-	-	-	-	2	5
Mississippi.....	99	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	1,036	1	1	1	1	-	3	-	-	8	26
Arkansas.....	13	-	-	-	-	-	3	-	-	-	1
Louisiana.....	11	1	1	-	-	-	-	-	-	-	3
Oklahoma.....	46	-	-	1	1	-	-	-	-	1	1
Texas*.....	966	-	-	-	-	-	-	-	-	7	21
MOUNTAIN.....	3,124	-	-	-	1	-	2	-	-	1	10
Montana.....	41	-	-	-	-	-	-	-	-	-	-
Idaho.....	289	-	-	-	-	-	-	-	-	-	-
Wyoming.....	784	-	-	-	-	-	-	-	-	-	3
Colorado.....	1,481	-	-	-	-	-	1	-	-	-	-
New Mexico.....	292	-	-	-	1	-	-	-	-	1	4
Arizona*.....	84	-	-	-	-	-	-	-	-	-	-
Utah.....	152	-	-	-	-	-	-	-	-	-	-
Nevada.....	1	-	-	-	-	-	1	-	-	-	3
PACIFIC.....	1,237	-	2	-	-	2	4	-	-	10	20
Washington.....	452	-	-	-	-	-	-	-	-	-	-
Oregon.....	139	-	-	-	-	-	-	-	-	-	-
California.....	611	-	2	-	-	2	4	-	-	10	20
Alaska.....	19	-	-	-	-	-	-	-	-	-	-
Hawaii.....	16	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	5	-	-	-	-	-	-	-	-	-	1

*Delayed reports: SST: Me. 6 (1969), Ariz. 11 (1969)
Tetanus: Tex. 1 (1968)
Typhoid fever: N.J. 4 (1968)
Rabies in animals: S.D. 33 (1968)

Morbidity and Mortality Weekly Report

Week No. 4 TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 25, 1969

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

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	800	489	108	37	SOUTH ATLANTIC:	1,442	770	123	84
Boston, Mass.-----	238	138	34	12	Atlanta, Ga.-----	97	50	10	7
Bridgeport, Conn.-----	49	33	11	1	Baltimore, Md.-----	295	152	15	9
Cambridge, Mass.-----	29	20	12	1	Charlotte, N. C.-----	80	45	4	1
Fall River, Mass.-----	24	18	2	-	Jacksonville, Fla.-----	136	79	7	3
Hartford, Conn.-----	69	40	3	4	Miami, Fla.-----	127	69	8	5
Lowell, Mass.-----	40	24	5	3	Norfolk, Va.-----	50	34	6	2
Lynn, Mass.-----	18	13	-	1	Richmond, Va.-----	91	45	11	4
New Bedford, Mass.-----	35	23	4	3	Savannah, Ga.-----	65	34	7	-
New Haven, Conn.-----	55	24	4	4	St. Petersburg, Fla.-----	117	100	19	1
Providence, R. I.-----	77	43	15	2	Tampa, Fla.-----	88	49	18	2
Somerville, Mass.-----	13	10	-	1	Washington, D. C.-----	244	87	14	48
Springfield, Mass.-----	56	29	5	2	Wilmington, Del.-----	52	26	4	2
Waterbury, Conn.-----	40	29	1	1					
Worcester, Mass.-----	57	45	12	2	EAST SOUTH CENTRAL:	943	511	109	41
					Birmingham, Ala.-----	132	64	13	3
MIDDLE ATLANTIC:	3,734	2,193	279	133	Chattanooga, Tenn.-----	83	44	15	2
Albany, N. Y.-----	53	32	1	2	Knoxville, Tenn.-----	63	42	6	3
Allentown, Pa.-----	45	31	6	-	Louisville, Ky.-----	205	118	31	11
Buffalo, N. Y.-----	173	97	7	9	Memphis, Tenn.-----	207	103	15	7
Camden, N. J.-----	41	21	2	1	Mobile, Ala.-----	47	23	3	4
Elizabeth, N. J.-----	28	18	2	2	Montgomery, Ala.-----	65	40	10	4
Erie, Pa.-----	41	32	9	2	Nashville, Tenn.-----	141	77	16	7
Jersey City, N. J.-----	82	49	17	3					
Newark, N. J.-----	73	38	7	5	WEST SOUTH CENTRAL:	1,359	708	122	63
New York City, N. Y.-----	1,824	1,066	129	71	Austin, Tex.-----	44	26	12	4
Paterson, N. J.-----	52	32	2	3	Baton Rouge, La.-----	47	27	8	-
Philadelphia, Pa.-----	645	353	28	16	Corpus Christi, Tex.-----	32	19	3	-
Pittsburgh, Pa.-----	215	115	29	5	Dallas, Tex.-----	180	90	9	17
Reading, Pa.-----	54	36	5	1	El Paso, Tex.-----	46	20	4	1
Rochester, N. Y.-----	151	103	13	4	Fort Worth, Tex.-----	87	50	6	3
Schenectady, N. Y.-----	21	15	3	1	Houston, Tex.-----	326	151	18	3
Scranton, Pa.-----	41	26	2	1	Little Rock, Ark.-----	71	39	7	1
Syracuse, N. Y.-----	64	38	3	2	New Orleans, La.-----	176	92	15	14
Trenton, N. J.-----	54	33	2	3	Oklahoma City, Okla.-----	82	48	6	1
Utica, N. Y.-----	34	28	6	1	San Antonio, Tex.-----	120	62	8	9
Yonkers, N. Y.-----	43	30	6	1	Shreveport, La.-----	83	45	19	5
					Tulsa, Okla.-----	65	39	7	4
EAST NORTH CENTRAL:	2,935	1,645	176	145	MOUNTAIN:	450	259	32	25
Akron, Ohio-----	57	30	2	3	Albuquerque, N. Mex.-----	41	23	4	1
Canton, Ohio-----	40	18	6	1	Colorado Springs, Colo.-----	26	17	5	2
Chicago, Ill.-----	789	417	35	37	Denver, Colo.-----	118	70	8	8
Cincinnati, Ohio-----	222	130	16	8	Ogden, Utah-----	19	14	2	1
Cleveland, Ohio-----	254	142	10	15	Phoenix, Ariz.-----	114	59	2	5
Columbus, Ohio-----	148	88	8	10	Pueblo, Colo.-----	13	10	3	2
Dayton, Ohio-----	84	46	9	5	Salt Lake City, Utah-----	54	29	4	2
Detroit, Mich.-----	372	207	22	14	Tucson, Ariz.-----	65	37	4	4
Evansville, Ind.-----	47	34	4	2					
Flint, Mich.-----	60	24	8	3	PACIFIC:	2,044	1,252	153	66
Fort Wayne, Ind.-----	49	31	2	1	Berkeley, Calif.-----	22	17	1	1
Gary, Ind.-----	31	16	3	2	Fresno, Calif.-----	53	27	3	2
Grand Rapids, Mich.-----	41	28	3	3	Glendale, Calif.-----	39	26	7	1
Indianapolis, Ind.-----	162	80	7	17	Honolulu, Hawaii-----	52	17	3	1
Madison, Wis.-----	60	29	3	5	Long Beach, Calif.-----	128	78	11	4
Milwaukee, Wis.-----	153	95	4	7	Los Angeles, Calif.-----	619	377	52	20
Peoria, Ill.-----	51	32	8	3	Oakland, Calif.-----	110	72	3	3
Rockford, Ill.-----	43	28	7	-	Pasadena, Calif.-----	37	26	3	2
South Bend, Ind.-----	60	39	6	1	Portland, Oreg.-----	200	131	9	3
Toledo, Ohio-----	135	89	10	5	Sacramento, Calif.-----	76	50	1	3
Youngstown, Ohio-----	77	42	3	3	San Diego, Calif.-----	174	102	25	7
					San Francisco, Calif.-----	194	119	9	5
WEST NORTH CENTRAL:	1,012	630	73	44	San Jose, Calif.-----	67	42	9	3
Des Moines, Iowa-----	68	38	6	6	Seattle, Wash.-----	162	93	10	8
Duluth, Minn.-----	27	14	3	-	Spokane, Wash.-----	62	43	7	2
Kansas City, Kans.-----	61	39	7	4	Tacoma, Wash.-----	49	32	-	1
Kansas City, Mo.-----	147	102	3	6					
Lincoln, Nebr.-----	57	43	6	3	Total	14,719	8,457	1,175	638
Minneapolis, Minn.-----	124	73	5	6	Cumulative Totals				
Omaha, Nebr.-----	77	44	3	4	including reported corrections for previous weeks				
St. Louis, Mo.-----	278	158	22	11	All Causes, All Ages-----				65,747
St. Paul, Minn.-----	88	67	4	1	All Causes, Age 65 and over-----				37,848
Wichita, Kans.-----	85	52	14	3	Pneumonia and Influenza, All Ages-----				5,828
					All Causes, Under 1 Year of Age-----				2,843

MEASLES - United States

Many areas of the United States continue to report cases of measles. During the first 15 weeks of the current epidemiologic year (October 6, 1968-January 18, 1969), a total of 3,335 cases were reported. Of these, 2,153 (65 percent) were reported from 45 counties or health districts (Table 1). Six areas reported more than 100 cases. Two of these areas, Kings and Bronx Counties, are in New York City and account for the largest numbers of cases, 160 and 153, respectively. Other areas reporting more than 100 cases are Philadelphia, Pennsylvania; Portsmouth, Virginia; Dallas County, Texas; and Duval County (Jacksonville), Florida. An epidemic control program is currently being conducted in Philadelphia and one is being planned for Jacksonville. An intensive school immunization program was conducted in Portsmouth in December 1968; however, cases continue to be reported among school and preschool age children.

Table 1
Counties or Health Districts Reporting a Total of 15 or
More Cases of Measles During First 15 Weeks of
Epidemiologic Year*, 1968-69
(October 6, 1968-January 18, 1969)

Geographic Division State and County	Number of Cases	Geographic Division State and County	Number of Cases
New England		South Atlantic	
Rhode Island		Virginia	
Providence	59	Portsmouth	109
Connecticut		Chesapeake	24
Hartford	75	West Virginia	
Fairfield	15	Lewis	17
Middle Atlantic		North Carolina	
New York City		Nash	23
Kings	160	Edgecombe	19
Bronx	153	Florida	
New York	70	Duval	127
Queens	20	Orange	19
New York, Up-State		West South Central	
Suffolk	95	Texas	
Rockland	75	Dallas	116
New Jersey		Nueces	67
Hudson	53	Denton	38
Essex	47	Upshur	30
Pennsylvania		Brazos	29
Philadelphia	124	Potter	22
East North Central		Smith	22
Ohio		Taylor	22
Franklin	18	Webb	22
Indiana		Angelina	18
Marion	18	El Paso	18
Illinois		Mountain	
Cook	36	New Mexico	
Michigan		Socorro	23
Wayne	35	Pacific	
Washtenaw	15	Washington	
Wisconsin		King	18
Milwaukee	77	Oregon	
West North Central		Umatilla	20
Iowa		Multnomah	15
Pottawattamie	63	California	
		Los Angeles	52
		Sacramento	39
		Santa Clara	19
		Sutter-Yuba	17

Source: Weekly telegraphic reports from states. Includes revisions through January 15, 1969.

*The epidemiologic year for measles begins with week number 41 of the calendar year and ends with week number 10 of the succeeding year.

(Reported by the Statistics Section, and State Services Section, Epidemiology Program, NCDC.)

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NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

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