

Morbidity and Mortality



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EPIDEMIOLOGIC NOTES AND REPORTS
TUBERCULOSIS - Tennessee

In October 1971, a 30-year-old woman from Gallatin, Tennessee, had onset of respiratory symptoms, including chest pain and intermittent fever. She was treated by several local physicians, but her symptoms persisted, and in February 1972, she was hospitalized and treated for pneumonia. She continued to be ill, lost 40 pounds, and in May 1972, entered another hospital where a chest X-ray revealed a right middle lobe infiltrate and cavity. She had a 20 mm skin test reaction to 5 T.U. PPD tuberculin (intermediate strength), a positive histoplasmin skin test, and a histoplasmosis titer of 1:16. She gave no history of a previous tuberculin test, but a chest X-ray in June 1971 had been negative. She was diagnosed as having histoplasmosis but was nevertheless placed on isoniazid (INH) because of the possibility of active tuberculosis. Subsequently, 3 sputum cultures were positive for *Mycobacterium*

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tuberculosis, and she was later placed on a full therapeutic regimen.

Examination of the patient's family contacts revealed that her husband and an 8-year-old son had positive skin tests but normal chest films and were put on INH chemoprophylaxis. Another son, age 6, had active primary tuberculosis and was started on treatment. A 6-year-old daughter

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

DISEASE	1st WEEK ENDING		MEDIAN 1968-1972	CUMULATIVE, FIRST WEEK		
	January 6, 1973	January 8, 1972		1973	1972	MEDIAN 1968-1972
Aseptic meningitis	23	44	36	23	44	36
Brucellosis	1	-	-	1	-	-
Chickenpox	2,721	1,921	---	2,721	1,921	---
Diphtheria	2	-	1	2	-	1
Encephalitis, primary:						
Arthropod-borne and unspecified	11	11	14	11	11	14
Encephalitis, post-infectious	1	4	9	1	4	9
Hepatitis, serum (Hepatitis B)	101	157	127	101	157	127
Hepatitis, infectious (Hepatitis A)	702	925	925	702	925	925
Malaria	3	37	37	3	37	37
Measles (rubeola)	368	549	524	368	549	524
Meningococcal infections, total	23	39	42	23	39	42
Civilian	22	37	41	22	37	41
Military	1	2	2	1	2	2
Mumps	1,104	1,624	1,770	1,104	1,624	1,770
Rubella (German measles)	134	244	304	134	244	304
Tetanus	-	-	-	-	-	-
Tuberculosis, new active	362	374	---	362	374	---
Tularemia	3	2	2	3	2	2
Typhoid fever	5	2	3	5	2	3
Typhus, tick-borne (Rky. Mt. spotted fever)	-	2	1	-	2	1
Venereal Diseases:						
Gonorrhea	10,475	11,497	---	10,475	11,497	---
Syphilis, primary and secondary	357	313	---	357	313	---
Rabies in animals	30	64	51	30	64	51

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Polio myelitis, total:	-
Botulism:	-	Paralytic:	-
Congenital rubella syndrome:	-	Psittacosis:	-
Leprosy:	-	Rabies in man:	-
Leptospirosis: Ohio-1	1	Trichinosis:	-
Plague:	-	Typhus, murine:	-

TUBERCULOSIS — Continued

had a 5 mm tuberculin reaction in June 1972 but was not placed on chemoprophylaxis. In September 1972, she was admitted to a hospital with ascites, a calcified primary complex on chest X-ray, and a 20 mm tuberculin reaction. Despite failure to culture *M. tuberculosis* from gastric washings, ascitic fluid, cerebrospinal fluid, and bone marrow, a diagnosis of tuberculosis peritonitis was made. She was started on anti-tuberculosis therapy and improved. Three of the 4 grandparents of these children had positive tuberculin tests, and 2 of them had suspicious chest X-rays. Further diagnostic tests on the grandparents are pending.

The brother of the 1st patient gave a history of skin test conversion while in the Peace Corps in Guatemala in 1965, and his Guatemalan wife, who reportedly had a negative skin test and chest X-ray when she entered the United States 6 years ago, was found to have a positive tuberculin test and active primary tuberculosis in November 1971. She and her husband were placed on INH chemoprophylaxis. Their 4 children were tuberculin negative.

(Reported by H. R. Anderson, M.D., Chief, Tuberculosis Control Program, Isabel Daggett, Mitzie Wilhite, and Ellen Hix, Public Health Nurses, and Robert H. Hutcheson, Jr., M.D., State Epidemiologist, Tennessee Department of Public Health; and an EIS Officer.)

Editorial Note

As illustrated in this report, tuberculosis is usually diagnosed in individuals seeking medical attention because of respiratory symptoms and subsequently in their close family contacts. Tuberculosis should always be suspected in a person with respiratory symptoms, particularly when associated with an abnormal chest X-ray and a positive tuberculin test, as in the 1st patient.

The probable tuberculous peritonitis in the 6-year-old daughter might have been avoided, if she had been given preventive treatment with INH at the time of her initial examination. It is recommended that all household contacts of a patient with active tuberculosis, including those with less than a 10 mm reaction to a 5 T.U. PPD-tuberculin Mantoux test, should receive preventive therapy (1). Those who react to the test by developing 5 mm or more of induration should remain on the drug for the full 12-month course. Those with less than 5 mm reaction should be retested 3 months after their last contact with the active case. If the contact has been assuredly broken and if the skin test reaction is still negative, preventive therapy may be discontinued. When exposure to the active case may be continuous, it is desirable to give preventive therapy to tuberculin negative contacts for as long as exposure continues.

Reference

1. American Thoracic Society, National Tuberculosis and Respiratory Disease Association, and the Center for Disease Control: Preventive Treatment of Tuberculosis. Am Rev Resp Dis 104:460-463, 1971

CURRENT TRENDS
INFLUENZA — California, Illinois

California

Influenza is now widespread in the San Francisco Bay area. Furthermore, A/England/42/72 viral isolations have been made in Los Angeles and San Diego.

(Reported by James Chin, M.D., State Epidemiologist, California State Department of Public Health.)

Illinois

The Chicago Health Department reports an outbreak of influenza in the city, where emergency room visits are increased above normal seasonal levels. Influenzavirus similar to A/England/42/72 has been identified at the University of Chicago pediatric clinic.

(Reported by Marc Beem, M.D., University of Chicago School of Medicine; Olga Brolnitsky, M.D., Chicago Health Department; and Byron J. Francis, M.D., State Epidemiologist, Illinois Department of Public Health.)

Editorial Note

Influenza has now been identified in 18 states: Arizona, Connecticut, Massachusetts, New Jersey, New York, Georgia, North Carolina, Colorado, Kansas, Texas, Pennsylvania, Maryland, Washington, Illinois, California, Tennessee, Hawaii, and Iowa. Outbreaks of influenza have been reported in New York, Boston, Chicago, Memphis, the Baltimore-Washington, D.C. area, and the San Francisco Bay area. The rest of the

Table 1
Influenza Laboratory Surveillance — United States

Week Ending	Number of Laboratories Participating	Viral Isolation		Paired Sera	
		Number Tested	Number Isolates	Number Tested	Number Positive
11/17/72	14	92	3 ¹	157	0
11/24/72	27	122	2	225	6
12/1/72	36	279	4 ²	343	1
12/8/72	37	235	22 ³	261	0
12/15/72	37	392	8 ⁴	178	4
12/22/72	38	349	29	171	10 ⁵
12/29/72	32	288	17 ⁶	114	5

¹One isolate was influenza B.

²Three isolates were influenza B.

³Eight isolates were influenza B and were reported from Hawaii.

⁴Two isolates were influenza B and were reported from Hawaii.

⁵Two were influenza B. One was reported from Colorado, and one from Hawaii.

⁶Five were influenza B and were reported from Hawaii.

country is reporting only sporadic cases, which is normal for this time of year.

Table 1 indicates the results of laboratory surveillance from the WHO cooperating laboratories throughout the country. For the 2-week period ending December 29, there was an increased number of influenza isolates, compared with previous weeks.

SURVEILLANCE SUMMARY
MEASLES - United States, Last 12 Weeks, 1972

In the last 12 weeks of 1972, 4,071 cases of measles were reported in the United States (Figure 1). This represents a decrease of 13% from the 4,664 cases recorded for the comparable period in 1971. This is in marked contrast to the 62% reduction in cases for the first 40 weeks of 1972, compared with the similar period in 1971.

The highest incidence rates were in the New England, East North Central, and West North Central regions. New Hampshire's incidence was 223.0 cases per 100,000 children under 18 years of age, followed by Iowa (38.7), Massachusetts (25.8), Wisconsin (24.2), and Connecticut (23.7) (Figure 2).

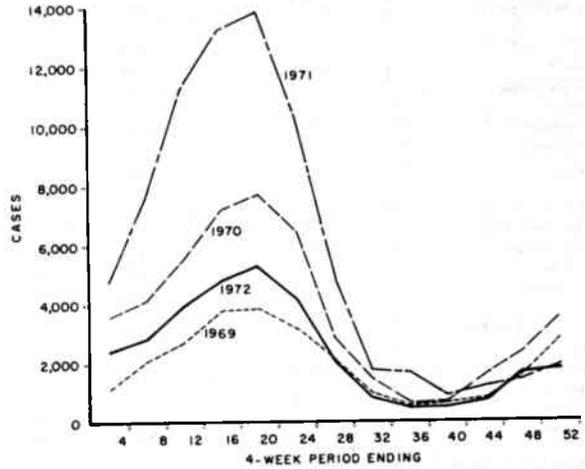
Thirteen states (New Hampshire, Massachusetts, Connecticut, New York, Illinois, Minnesota, Missouri, North Dakota, Delaware, Arkansas, Montana, Idaho, and Oregon) showed an increase in the number of reported cases in the last 12 weeks of 1972 over the comparable period in 1971; all other states showed a decrease.

(Reported by the Field Services Branch, Epidemiology Program, and the Immunization Branch, State and Community Services Division, CDC.)

Editorial Note

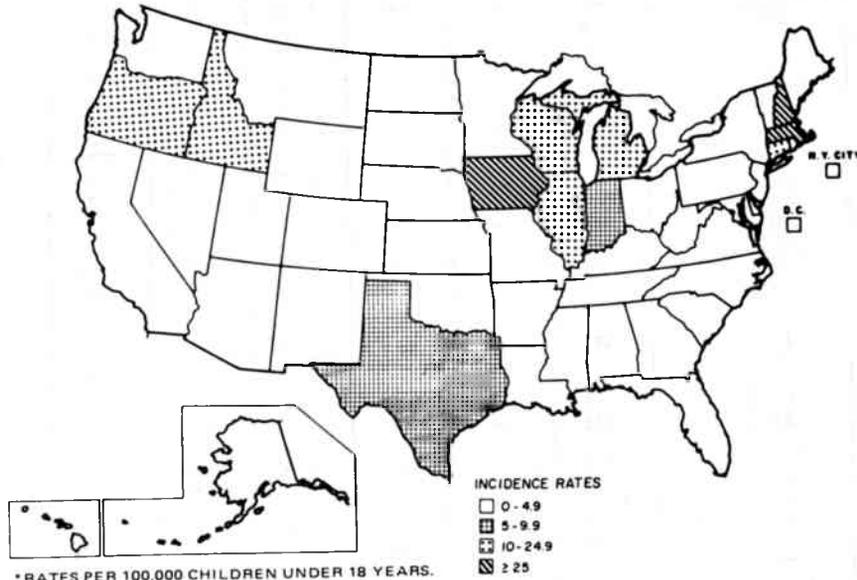
The large number of states reporting an increased number of measles cases is alarming as the beginning of the peak months of measles incidence approaches. Outbreaks that have

Figure 1
REPORTED CASES OF MEASLES, BY 4-WEEK PERIODS
UNITED STATES - 1969-1972



recently been investigated continue to demonstrate that the large number of reported cases have resulted from large pools of susceptible children.

Figure 2
INCIDENCE RATES* OF REPORTED MEASLES CASES, BY STATE
UNITED STATES - LAST 12 WEEKS, 1972



*RATES PER 100,000 CHILDREN UNDER 18 YEARS.

EPIDEMIOLOGIC NOTES AND REPORTS

CLOSTRIDIUM PERFRINGENS GASTROENTERITIS - Washington

On Nov. 1, 1972, approximately 130 of 140 persons from Bellevue, Washington, had acute gastroenteritis after attending a church banquet at a local school. An investigation was initiated after 2 complaints of possible food poisonings were reported by the Seattle Poison Control Center.

A telephone survey of 38 persons in 22 homes revealed 35 persons ill with diarrhea (100%) and abdominal pain (83%).

Incubation periods ranged from 8 to 15 hours with a median of 10 hours. The majority of those ill recovered within 24 hours. *Clostridium perfringens* was isolated from 10 stool specimens by the Seattle-King County Health Department Laboratory.

Investigation revealed that the food served at the banquet
(Continued on page 8)

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING JANUARY 6, 1973 AND JANUARY 8, 1972 (1st WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS		
						Primary including unspec. cases		Post In- fectious	Serum (Hepatitis B)	Infectious (Hepatitis A)	
						1973	1972			1973	1973
UNITED STATES	23	1	2,721	2	2	11	11	1	101	702	925
NEW ENGLAND	1	-	427	-	-	2	-	1	9	61	66
Maine *	-	-	88	-	-	-	-	-	-	3	13
New Hampshire	-	-	54	-	-	-	-	-	3	4	11
Vermont	-	-	10	-	-	-	-	-	-	1	7
Massachusetts	-	-	102	-	-	1	-	-	1	33	16
Rhode Island	-	-	93	-	-	-	-	-	1	8	5
Connecticut	1	-	80	-	-	1	-	1	4	12	14
MIDDLE ATLANTIC	-	-	71	-	-	2	1	-	37	128	144
Upstate New York	-	-	2	-	-	-	1	-	12	35	22
New York City	-	-	61	-	-	2	-	-	10	23	42
New Jersey	-	-	NN	-	-	-	-	-	5	39	80
Pennsylvania	-	-	8	-	-	-	-	-	10	31	-
EAST NORTH CENTRAL	2	-	886	-	-	1	5	-	18	98	162
Ohio	-	-	51	-	-	-	3	-	4	26	43
Indiana	-	-	167	-	-	-	-	-	-	-	2
Illinois	-	-	-	-	-	1	1	-	-	13	23
Michigan	2	-	205	-	-	-	1	-	7	53	91
Wisconsin	-	-	463	-	-	-	-	-	7	6	3
WEST NORTH CENTRAL	1	-	233	2	2	2	-	-	2	17	25
Minnesota	-	-	-	-	-	-	-	-	-	1	2
Iowa	1	-	159	-	-	2	-	-	2	1	6
Missouri	-	-	26	-	-	-	-	-	-	12	10
North Dakota *	-	-	16	-	-	-	-	-	-	-	6
South Dakota	-	-	-	2	2	-	-	-	-	3	1
Nebraska	-	-	32	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	6	-	380	-	-	3	2	-	10	109	95
Delaware	-	-	6	-	-	-	-	-	-	-	5
Maryland	1	-	24	-	-	1	-	-	1	21	4
District of Columbia	-	-	-	-	-	-	-	-	-	1	1
Virginia	-	-	10	-	-	-	-	-	1	3	17
West Virginia	1	-	340	-	-	-	-	-	-	15	14
North Carolina *	1	-	NN	-	-	1	2	-	4	31	13
South Carolina	---	---	---	---	---	---	---	---	---	---	8
Georgia	-	-	-	-	-	-	-	-	-	4	2
Florida	3	-	-	-	-	1	-	-	4	34	31
EAST SOUTH CENTRAL	1	-	107	-	-	-	1	-	1	41	64
Kentucky	1	-	102	-	-	-	-	-	-	20	33
Tennessee	-	-	NN	-	-	-	1	-	-	17	19
Alabama	-	-	5	-	-	-	-	-	1	4	10
Mississippi	-	-	-	-	-	-	-	-	-	-	2
WEST SOUTH CENTRAL	3	-	380	-	-	1	1	-	2	66	73
Arkansas *	-	-	-	-	-	-	-	-	-	6	1
Louisiana	-	-	NN	-	-	-	-	-	-	5	1
Oklahoma	1	-	5	-	-	1	1	-	2	14	23
Texas	2	-	375	-	-	-	-	-	-	41	48
MOUNTAIN	-	-	101	-	-	-	-	-	-	29	43
Montana	-	-	18	-	-	-	-	-	-	8	5
Idaho	-	-	-	-	-	-	-	-	-	10	9
Wyoming	-	-	6	-	-	-	-	-	-	-	-
Colorado	-	-	57	-	-	-	-	-	-	-	1
New Mexico	-	-	7	-	-	-	-	-	-	4	8
Arizona	-	-	13	-	-	-	-	-	-	3	13
Utah	-	-	-	-	-	-	-	-	-	1	7
Nevada	-	-	-	-	-	-	-	-	-	3	-
PACIFIC	9	1	136	-	-	-	1	-	22	153	253
Washington	1	-	97	-	-	-	-	-	1	33	25
Oregon	-	-	1	-	-	-	-	-	3	36	46
California	8	1	-	-	-	-	1	-	18	78	170
Alaska	-	-	9	-	-	-	-	-	-	-	5
Hawaii	-	-	29	-	-	-	-	-	-	6	7
Guam *	-	-	-	-	-	-	-	-	-	-	2
Puerto Rico	-	-	5	-	-	-	-	-	2	9	-
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports (1972): Aseptic meningitis: N.C. delete 1
Chickenpox: Me. 19, Guam 4

Encephalitis, primary: N. Dak. 1
Hepatitis A: Me. 3, Ark. delete 1, Guam 2

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING JANUARY 6, 1973 AND JANUARY 8, 1972 (1st WEEK) - Continued

AREA	MALARIA		MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		RUBELLA	
	1973	Cum. 1973	1973	Cumulative		1973	Cumulative		1973	Cum. 1973	1973	Cum. 1973
				1973	1972		1973	1972				
UNITED STATES	3	3	368	368	549	23	23	39	1,104	1,104	134	134
NEW ENGLAND	-	-	132	132	14	3	3	-	63	63	10	10
Maine *	-	-	-	-	4	-	-	-	1	1	-	-
New Hampshire	-	-	22	22	-	1	1	-	1	1	-	-
Vermont	-	-	-	-	-	-	-	-	20	20	1	1
Massachusetts	-	-	70	70	-	1	1	-	11	11	9	9
Rhode Island	-	-	3	3	6	-	-	-	2	2	-	-
Connecticut	-	-	37	37	4	1	1	-	28	28	-	-
MIDDLE ATLANTIC	1	1	54	54	40	4	4	1	129	129	18	18
Upstate New York	1	1	1	1	1	-	-	-	NN	NN	3	3
New York City	-	-	36	36	9	2	2	1	98	98	5	5
New Jersey	-	-	16	16	30	1	1	-	7	7	10	10
Pennsylvania	-	-	1	1	-	1	1	-	24	24	-	-
EAST NORTH CENTRAL	-	-	71	71	242	3	3	4	315	315	43	43
Ohio	-	-	1	1	9	3	3	2	85	85	5	5
Indiana	-	-	-	-	26	-	-	-	26	26	12	12
Illinois	-	-	37	37	138	-	-	2	28	28	4	4
Michigan	-	-	15	15	29	-	-	-	71	71	8	8
Wisconsin	-	-	18	18	40	-	-	-	105	105	14	14
WEST NORTH CENTRAL	-	-	5	5	6	-	-	3	31	31	6	6
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	5	5	4	-	-	-	13	13	3	3
Missouri	-	-	-	-	2	-	-	-	5	5	-	-
North Dakota	-	-	-	-	-	-	-	-	2	2	1	1
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	1	11	11	2	2
Kansas	-	-	-	-	-	-	-	2	-	-	-	-
SOUTH ATLANTIC	2	2	6	6	116	3	3	14	139	139	9	9
Delaware	-	-	-	-	-	-	-	1	12	12	-	-
Maryland	-	-	-	-	-	1	1	-	29	29	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	1	1	-	-	-	1	1	3	7	7	-	-
West Virginia *	-	-	3	3	1	-	-	2	82	82	6	6
North Carolina	1	1	2	2	4	1	1	4	NN	NN	2	2
South Carolina	-	-	-	-	4	-	-	2	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	1	1	107	-	-	2	9	9	1	1
EAST SOUTH CENTRAL	-	-	10	10	20	3	3	2	58	58	6	6
Kentucky	-	-	1	1	6	3	3	2	16	16	-	-
Tennessee	-	-	-	-	12	-	-	-	42	42	4	4
Alabama	-	-	-	-	2	-	-	-	-	-	2	2
Mississippi	-	-	9	9	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL	-	-	30	30	21	3	3	-	130	130	14	14
Arkansas	-	-	-	-	-	-	-	-	1	1	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	1	1	1	-	-	-	6	6	1	1
Texas	-	-	29	29	20	3	3	-	123	123	13	13
MOUNTAIN	-	-	14	14	51	1	1	1	100	100	7	7
Montana	-	-	-	-	-	-	-	-	5	5	-	-
Idaho	-	-	1	1	-	-	-	-	2	2	2	2
Wyoming	-	-	-	-	-	-	-	1	16	16	-	-
Colorado	-	-	8	8	39	-	-	-	2	2	3	3
New Mexico	-	-	3	3	-	-	-	-	20	20	1	1
Arizona	-	-	2	2	12	1	1	-	55	55	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	1	1
PACIFIC	-	-	46	46	39	3	3	14	139	139	21	21
Washington	-	-	26	26	17	-	-	-	10	10	6	6
Oregon	-	-	8	8	1	-	-	-	60	60	2	2
California	-	-	10	10	21	3	3	14	56	56	13	13
Alaska	-	-	-	-	-	-	-	-	12	12	-	-
Hawaii	-	-	2	2	-	-	-	-	1	1	-	-
Guam *	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	20	20	-	-	-	-	3	3	2	2
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports (1972): Measles: Me. 2, Guam 1
Mumps: Me. 10, W. Va. 39, Guam 1
Rubella: Me. 2

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING JANUARY 6, 1973 AND JANUARY 8, 1972 (1st WEEK) - Continued

AREA	TETANUS	TB	TULAREMIA		TYPHOID FEVER		TYPHUS FEVER		VENEREAL DISEASES		RABIES IN ANIMALS	
	Cumulative	(New Active)					TICK-BORNE		GONOR-	SYPHILIS		
	1973	1973	1973	Cum. 1973	1973	Cum. 1973	(Rky. Mt. spotted fever)	Cum. 1973	RHEA	(Pri. & Sec.)	1973	Cum. 1973
UNITED STATES	-	362	3	3	5	5	-	-	10,475	357	30	30
NEW ENGLAND	-	13	-	-	-	-	-	-	373	10	1	1
Maine	-	-	-	-	-	-	-	-	21	-	1	1
New Hampshire *	-	-	-	-	-	-	-	-	9	-	-	-
Vermont	-	-	-	-	-	-	-	-	4	-	-	-
Massachusetts	-	11	-	-	-	-	-	-	205	8	-	-
Rhode Island	-	1	-	-	-	-	-	-	59	1	-	-
Connecticut	-	1	-	-	-	-	-	-	75	1	-	-
MIDDLE ATLANTIC	-	86	-	-	3	3	-	-	1,472	84	-	-
Upstate New York	-	26	-	-	-	-	-	-	447	-	-	-
New York City	-	44	-	-	3	3	-	-	656	69	-	-
New Jersey	-	16	-	-	-	-	-	-	161	9	-	-
Pennsylvania	-	-	-	-	-	-	-	-	208	6	-	-
EAST NORTH CENTRAL	-	61	-	-	1	1	-	-	1,479	19	8	8
Ohio *	-	50	-	-	-	-	-	-	661	3	-	-
Indiana	-	2	-	-	-	-	-	-	96	5	1	1
Illinois *	-	-	-	-	-	-	-	-	207	1	1	1
Michigan	-	-	-	-	1	1	-	-	388	10	-	-
Wisconsin	-	9	-	-	-	-	-	-	127	-	6	6
WEST NORTH CENTRAL	-	7	1	1	-	-	-	-	777	-	11	11
Minnesota	-	-	-	-	-	-	-	-	105	-	1	1
Iowa	-	5	-	-	-	-	-	-	82	-	5	5
Missouri	-	-	1	1	-	-	-	-	391	-	1	1
North Dakota	-	-	-	-	-	-	-	-	10	-	1	1
South Dakota	-	1	-	-	-	-	-	-	37	-	3	3
Nebraska	-	1	-	-	-	-	-	-	40	-	-	-
Kansas	-	-	-	-	-	-	-	-	112	-	-	-
SOUTH ATLANTIC	-	72	-	-	1	1	-	-	2,517	124	3	3
Delaware	-	2	-	-	-	-	-	-	63	-	-	-
Maryland	-	6	-	-	-	-	-	-	261	10	-	-
District of Columbia	-	10	-	-	-	-	-	-	275	15	-	-
Virginia	-	6	-	-	-	-	-	-	260	50	1	1
West Virginia *	-	2	-	-	-	-	-	-	56	-	2	2
North Carolina *	-	16	-	-	-	-	-	-	421	13	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	15	-	-	-	-	-	-	383	12	-	-
Florida	-	15	-	-	1	1	-	-	798	24	-	-
EAST SOUTH CENTRAL	-	31	-	-	-	-	-	-	841	30	3	3
Kentucky	-	4	-	-	-	-	-	-	128	14	1	1
Tennessee	-	8	-	-	-	-	-	-	427	6	2	2
Alabama	-	17	-	-	-	-	-	-	139	5	-	-
Mississippi	-	2	-	-	-	-	-	-	147	5	-	-
WEST SOUTH CENTRAL	-	6	2	2	-	-	-	-	1,318	19	2	2
Arkansas	-	4	-	-	-	-	-	-	196	1	-	-
Louisiana *	-	-	-	-	-	-	-	-	179	6	-	-
Oklahoma *	-	2	2	2	-	-	-	-	134	1	2	2
Texas	-	-	-	-	-	-	-	-	809	11	-	-
MOUNTAIN	-	24	-	-	-	-	-	-	276	10	-	-
Montana	-	-	-	-	-	-	-	-	34	-	-	-
Idaho	-	-	-	-	-	-	-	-	30	-	-	-
Wyoming	-	-	-	-	-	-	-	-	11	1	-	-
Colorado	-	-	-	-	-	-	-	-	93	5	-	-
New Mexico	-	6	-	-	-	-	-	-	-	-	-	-
Arizona *	-	18	-	-	-	-	-	-	69	4	-	-
Utah	-	-	-	-	-	-	-	-	11	-	-	-
Nevada	-	-	-	-	-	-	-	-	28	-	-	-
PACIFIC	-	62	-	-	-	-	-	-	1,422	61	2	2
Washington	-	5	-	-	-	-	-	-	190	-	-	-
Oregon	-	-	-	-	-	-	-	-	123	1	-	-
California	-	55	-	-	-	-	-	-	1,025	59	2	2
Alaska	-	-	-	-	-	-	-	-	42	-	-	-
Hawaii	-	2	-	-	-	-	-	-	42	1	-	-
Guam *	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	-	-	-	-	-	20	4	1	1
Virgin Islands	-	-	-	-	-	-	-	-	6	-	-	-

*Delayed reports (1972): TB: N.H. 1, Ohio delete 1, Ill. 53, N.C. delete 2, La. delete 1
Gonorrhoea: Guam 7

Syphilis: Okla. delete 1
Rabies in animals: W. Va. 1, Ariz. 1

Morbidity and Mortality Weekly Report

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDING JANUARY 6, 1973

Week No.

1

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

Area	All Causes			Pneumonia and Influenza All Ages	Area	All Causes			Pneumonia and Influenza All Ages
	All Ages	65 years and over	Under 1 year			All Ages	65 years and over	Under 1 year	
NEW ENGLAND	788	491	20	52	SOUTH ATLANTIC	1,142	649	37	53
Boston, Mass.	211	113	7	16	Atlanta, Ga.	120	56	6	5
Bridgeport, Conn.	33	19	—	1	Baltimore, Md.	252	147	4	11
Cambridge, Mass.	31	22	—	8	Charlotte, N. C.	60	31	3	—
Fall River, Mass.	26	20	—	1	Jacksonville, Fla.	66	39	5	2
Hartford, Conn.	57	34	1	—	Miami, Fla.	89	46	4	2
Lowell, Mass.	32	22	—	2	Norfolk, Va.	63	34	—	4
Lynn, Mass.	18	11	—	—	Richmond, Va.	99	63	1	8
New Bedford, Mass.	33	24	1	1	Savannah, Ga.	37	18	2	4
New Haven, Conn.	72	42	6	5	St. Petersburg, Fla.	112	85	2	8
Providence, R. I.	63	37	2	7	Tampa, Fla.	105	55	5	5
Somerville, Mass.	11	8	—	2	Washington, D. C.	60	23	3	2
Springfield, Mass.	53	35	2	2	Wilmington, Del.	79	52	2	2
Waterbury, Conn.	51	39	—	1					
Worcester, Mass.	97	65	1	6	EAST SOUTH CENTRAL	585	323	32	28
					Birmingham, Ala.	70	42	6	2
MIDDLE ATLANTIC	3,374	2,081	109	204	Chattanooga, Tenn.	62	33	2	3
Albany, N. Y.	45	32	2	2	Knoxville, Tenn.	48	32	2	3
Allentown, Pa.	30	20	—	2	Louisville, Ky.	100	54	6	8
Buffalo, N. Y.	150	95	5	16	Memphis, Tenn.	132	66	9	2
Camden, N. J.	54	32	3	4	Mobile, Ala.	43	24	—	2
Elizabeth, N. J.	43	23	3	2	Montgomery, Ala.	27	14	—	1
Erie, Pa.	32	22	1	2	Nashville, Tenn.	103	58	7	7
Jersey City, N. J.	83	57	2	3					
Newark, N. J.	88	49	4	3	WEST SOUTH CENTRAL	1,323	710	69	56
New York City, N. Y. †	1,729	1,063	51	102	Austin, Tex.	37	21	1	1
Paterson, N. J.	60	34	6	6	Baton Rouge, La.	38	19	—	1
Philadelphia, Pa.	398	219	14	9	Corpus Christi, Tex.	42	26	4	4
Pittsburgh, Pa.	244	158	5	30	Dallas, Tex.	230	110	7	2
Reading, Pa.	37	29	1	1	El Paso, Tex.	39	17	7	2
Rochester, N. Y.	109	77	3	6	Fort Worth, Tex.	117	70	11	5
Schenectady, N. Y.	24	19	—	—	Houston, Tex.	220	105	18	10
Scranton, Pa.	31	17	1	1	Little Rock, Ark.	59	38	—	4
Syracuse, N. Y.	96	58	2	—	New Orleans, La.	187	97	4	6
Trenton, N. J.	54	30	4	3	Oklahoma City, Okla.*	93	53	5	3
Utica, N. Y.	15	13	—	—	San Antonio, Tex.	153	92	7	8
Yonkers, N. Y.	52	34	2	12	Shreveport, La.	37	18	1	4
					Tulsa, Okla.	71	44	4	6
EAST NORTH CENTRAL	2,862	1,668	102	108	MOUNTAIN	590	358	17	32
Akron, Ohio	65	34	5	—	Albuquerque, N. Mex.	62	33	2	11
Canton, Ohio	42	21	1	4	Colorado Springs, Colo.	41	30	3	4
Chicago, Ill.	875	472	28	34	Denver, Colo.	140	88	3	6
Cincinnati, Ohio	200	125	4	7	Las Vegas, Nev.	21	15	—	—
Cleveland, Ohio	232	133	4	4	Ogden, Utah	27	18	—	1
Columbus, Ohio	138	80	6	8	Phoenix, Ariz.	142	73	6	4
Dayton, Ohio	119	65	2	3	Pueblo, Colo.	26	21	—	2
Detroit, Mich.	323	179	17	9	Salt Lake City, Utah	54	30	2	1
Evansville, Ind.	39	27	—	1	Tucson, Ariz.	77	50	1	3
Fort Wayne, Ind.	52	34	3	2					
Gary, Ind.	56	28	3	3	PACIFIC	1,796	1,131	35	79
Grand Rapids, Mich.	56	34	—	6	Berkeley, Calif.	30	21	—	1
Indianapolis, Ind.	139	82	3	6	Fresno, Calif.	70	37	5	4
Madison, Wis.	34	18	2	3	Glendale, Calif.	10	7	—	—
Milwaukee, Wis.	144	102	6	4	Honolulu, Hawaii	66	39	1	3
Peoria, Ill.	57	36	5	—	Long Beach, Calif.	112	70	1	2
Rockford, Ill.	42	31	1	8	Los Angeles, Calif.	378	235	9	9
South Bend, Ind.	50	40	1	3	Oakland, Calif.	102	57	4	7
Toledo, Ohio	130	83	9	2	Pasadena, Calif.	38	28	—	—
Youngstown, Ohio	69	44	2	1	Portland, Oreg.	138	96	2	4
					Sacramento, Calif.	97	69	3	2
WEST NORTH CENTRAL	945	608	44	27	San Diego, Calif.	129	82	2	4
Des Moines, Iowa	59	34	3	—	San Francisco, Calif.	250	163	1	16
Duluth, Minn.	38	29	2	1	San Jose, Calif.	85	56	1	10
Kansas City, Kans.	47	19	8	—	Seattle, Wash.	190	112	5	10
Kansas City, Mo.	156	105	8	2	Spokane, Wash.	55	31	1	4
Lincoln, Nebr.	29	18	1	—	Tacoma, Wash.	46	28	—	3
Minneapolis, Minn.	134	95	3	7					
Omaha, Nebr.	81	48	7	1	Total	13,405	8,019	465	639
St. Louis, Mo.	262	166	7	6	Expected Number	13,505	7,930	561	555
St. Paul, Minn.	91	60	3	2	Cumulative Total (includes reported corrections for previous weeks)	13,405	8,019	465	639
Wichita, Kans.	48	34	2	8					

† Delayed report for week ending December 30, 1972
 * Estimate based on average percent of divisional total

CLOSTRIDIUM PERFRINGENS – Continued

had been prepared by a local caterer. The meal consisted of tossed salad with French and blue cheese dressing, beef stroganoff, string beans, buttered rolls, coffee, tea, punch, and blueberry tarts. Analysis of food history questionnaires failed to incriminate a specific food item because all guests ate the same foods. However, it was learned that the caterer tasted the beef stroganoff before it was served and became ill 10 hours later. *C. perfringens* was isolated from her stool.

The beef stroganoff had been prepared by the caterer on the day of the banquet. It had been simmered for 3 1/2 hours and transported to the school, where there were no facilities for reheating. It was then placed on a warming tray for an additional 3 1/2 hours at a temperature insufficient to prevent the multiplication of *C. perfringens*. The caterer added sour cream to the stroganoff prior to serving.

Following the investigation, the caterer, who was operating without a health department Food Establishment permit, was ordered to discontinue serving food to the public.

(Reported by Herbert W. Anderson, Environmental Epidemiologist, and A. H. B. Pedersen, M.D., Acting Director, Division of Epidemiology, Seattle-King County Department of Public Health; John A. Beare, M.D., Acting State Epidemiologist, Washington State Department of Social and Health Services, Health Services Division.)

Note to Readers:

The delay in publishing the MMWR this week was due to the official closing of CDC on Monday, January 8, because of inclement weather.

The Morbidity and Mortality Weekly Report, circulation 30,500, is published by the Center for Disease Control, Atlanta, Ga.

Director, Center for Disease Control
Director, Epidemiology Program, CDC
Editor, MMWR

David J. Sencer, M.D.
Philip S. Brachman, M.D.
Michael B. Gregg, M.D.

The data in this report are provisional, based on weekly telegraphs to CDC by 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.

In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting outbreaks or case investigations of current interest to health officials.

Address all correspondence to:

Center for Disease Control
Attn: Editor
Morbidity and Mortality Weekly Report
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