



# Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

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CURRENT TRENDS

GONORRHEA CULTURE-SCREENING SUMMARY  
United States FY\* 1969-1971

Between FY 1969 and 1971, routine screening of women for gonorrhea has been carried out in 36 towns and cities in the United States as part of a gonorrhea control pilot program supported by CDC. Contracts were awarded to 22 State and local health departments, who in turn secured the cooperation of a variety of health care providers in routinely taking specimens for gonorrhea culture from women who were already scheduled for pelvic examinations. Of the 740,446 persons tested in the 3 years, 8.9 percent were found to be positive for gonorrhea. Of these, 620,060 were tested in settings other than a venereal disease clinic, and 5.2 percent were positive. Data from a sample of prenatal and family planning clinics indicated that 80 percent of the women identified with gonorrhea were asymptomatic. The positivity rates observed by the various categories of health care providers

\*Fiscal year

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who tested, a total of 305,929 women in FY 1971 are shown in Figure 1.

In view of these findings, the Conference of State and Territorial Epidemiologists (CSTE) at their May 1971 meeting passed the following resolution:

WHEREAS The VD Branch, CDC, has estimated that there are 640,000 asymptomatic female carriers of gonorrhea in the United States,

BE IT RESOLVED That the CSTE recommends that every opportunity for detecting this hidden reservoir of gonor-

(Continued on page 444)

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

DISEASE	49th WEEK ENDED		MEDIAN 1966 - 1970	CUMULATIVE, FIRST 49 WEEKS		
	December 11, 1971	December 12, 1970		1971	1970	MEDIAN 1966 - 1970
Aseptic meningitis . . . . .	55	127	74	4,915	5,954	3,360
Brucellosis . . . . .	6	1	3	159	198	220
Diphtheria . . . . .	3	16	10	185	430	197
Encephalitis, primary:						
Arthropod-borne & unspecified . . . . .	37	29	29	1,465	1,504	1,504
Encephalitis, post-infectious . . . . .	3	2	8	316	358	448
Hepatitis, serum . . . . .	198	158	116	8,316	6,929	4,431
Hepatitis, infectious . . . . .	1,164	1,280	966	57,256	53,536	43,142
Malaria . . . . .	22	63	51	2,759	3,288	2,238
Measles (rubeola) . . . . .	531	973	381	73,608	44,946	44,946
Meningococcal infections, total . . . . .	23	59	45	2,080	2,330	2,401
Civilian . . . . .	22	51	43	1,862	2,054	2,202
Military . . . . .	1	8	2	218	276	237
Mumps . . . . .	2,436	2,500	- - -	116,344	95,691	- - -
Poliomyelitis, total . . . . .	-	2	1	11	29	45
Paralytic . . . . .	-	1	1	8	28	32
Rubella (German measles) . . . . .	314	487	409	42,326	54,176	47,371
Tetanus . . . . .	3	6	6	106	132	156
Tularemia . . . . .	2	5	2	173	149	157
Typhoid fever . . . . .	7	8	9	400	341	363
Typhus, tick-borne (Rky. Mt. spotted fever) . . . . .	-	-	1	400	337	297
Rabies in animals . . . . .	61	52	61	3,693	2,865	3,197

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

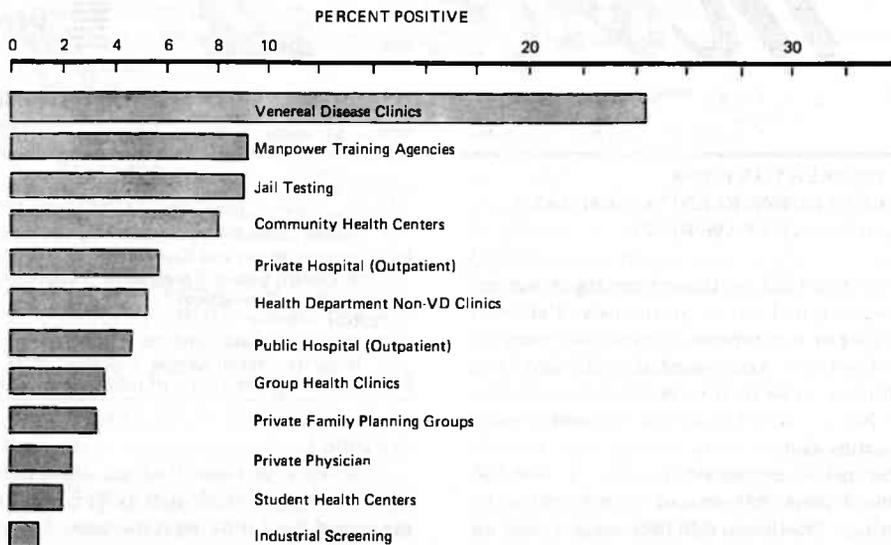
	Cum.		Cum.
Anthrax: . . . . .	4	Psittacosis: Mont.-1, NY Ups.-1 . . . . .	37
Botulism: . . . . .	15	Rabies in Man: . . . . .	1
Leprosy: . . . . .	108	Rubella congenital syndrome: Colo.-2 . . . . .	55
Leptospirosis: . . . . .	41	Trichinosis: Calif.-9, N.J.-1 . . . . .	99
Plague: . . . . .	1	Typhus, murine: . . . . .	23

## GONORRHEA – (Continued from front page)

rhea be utilized. This should include obtaining a cervical culture for gonorrhea in every pelvic examination in high incidence areas and sexually active population groups at high risk.

(Reported by the Venereal Diseases Branch, State and Community Services Division, CDC.)

Figure 1  
GONORRHEA SCREENING SUMMARY (FEMALES)  
PERCENT POSITIVE BY TYPE OF FACILITY PERFORMING TEST – FY 1971



NOTE: Results are based on 305,929 tests for gonorrhea.

EPIDEMIOLOGIC NOTES AND REPORTS  
FATAL EASTERN EQUINE ENCEPHALITIS – Louisiana

On Aug. 28, 1971, a 6-year-old girl was admitted to a hospital in Independence, Louisiana, after a 3-day illness characterized by fever, general malaise, and vomiting. On admission, she was disoriented and had a temperature of 105°F and slight nuchal rigidity. Cerebrospinal fluid examination showed 544 white blood cells (mostly polymorphonuclear leucocytes) and a sugar of 108 mg percent (blood sugar 130 mg percent). Peripheral white count was 30,000 with 93 percent polymorphonuclear leucocytes. Initial therapy consisted of ampicillin, followed by penicillin and chloramphenicol after 12 hours. Fourteen hours after admission, the child had a respiratory arrest; she was intubated and maintained on manual ventilation. She was then transferred to a hospital in New Orleans.

On admission, the patient was semi-comatose, reacting non-purposefully to painful stimuli. She was apneic when off the respirator and had nuchal rigidity. The pupils were moderately dilated without response to light. In spite of intensive treatment, her condition progressively deteriorated. She became comatose and areflexic. Two electroencephalograms obtained 24 hours apart showed no spontaneous activity. The patient died on September 2, 8 days after the onset of illness.

At autopsy, the brain was swollen, and the meninges were clouded. Serial sections revealed intense congestion, generalized swelling, and cyanosis, mainly in the gray matter structures and most severe in basal ganglia and cerebral cortex. No foci of hemorrhage or necrosis were seen.

On microscopic examination, acute inflammation, nerve cell damage, and perivascular cuffing were observed at all levels of the brain, and were most striking in the basal ganglia. The inflammatory infiltrate was mixed, composed predomi-

nantly of lymphocytes, with numerous large mononuclear cells and neutrophils. No inclusions were present. In areas of most intensive inflammation, there was extensive fibrinoid necrosis of small arterioles and acute inflammation within the walls of the vessels.

Viruses were isolated only from extracts of the temporal lobe and medulla, using African green monkey kidney cultures. The isolate was neutralized by Eastern equine encephalitis (EEE) reference antiserum. Tissue culture fluids killed day old suckling and young adult mice 48 hours after intracerebral inoculation. An extract prepared from the mice brains had a hemagglutinin titer of 1:512. In the hemagglutination inhibition (HI) test, the agglutinin was inhibited by Eastern equine antiserum but not by Western, St. Louis, or Venezuelan antisera. Sera drawn on the 4th day of illness and taken from the heart at autopsy, which were inadvertently pooled, had a low titer of 1:10 to EEE and was negative for other viruses of the encephalitis group.

The patient lived with her family in a house trailer outside of Hammond, Louisiana; she attended school in Springfield. The area encompasses the northwest edge of Lake Pontchartrain. Studies conducted in that region in 1952 and 1953 showed that approximately 25 percent of certain birds, such as cardinals and crows, had antibodies to EEE (1). This virus had been isolated from a cardinal as well as from a mosquito pool.

(Reported by Robert S. Gohd, Ph.D., Director, Mae Richards, M.T., Laboratory of Virology, Department of Pathology, Charity Hospital at New Orleans, Louisiana; Paul McGarry, M.D., Associate Professor, Department of Pathology, Louisiana State University School of Medicine, New Orleans;

Marianne Lober, M.D., Resident, Department of Pediatrics, Tulane University School of Medicine, New Orleans; and the Central Laboratory, Louisiana State Department of Health.)

#### Editorial Note

This case represents the first laboratory-confirmed case of EEE in Louisiana in 14 years. In 1957, serologic evidence of an EEE infection was obtained in an 8-year-old boy with encephalitis from Ponchatoula, located on the northwest edge of Lake Pontchartrain.

#### INFLUENZA — Connecticut

On Dec. 7, 1971, 473 (25 percent) of the 1,760 students at a high school in Meriden, Connecticut, were absent from school with a febrile illness. Twenty-three teachers were also absent. The illness was characterized by low-grade fever, headache, and sore throat. Less frequent symptoms included cough, earache, and abdominal pain. Specimens were obtained from eight students, and three were positive for the A<sub>2</sub> Hong

Prior to 1957, EEE was reported sporadically; however, a major epidemic occurred in the summer of 1947. Ten persons and more than 3,000 animals were involved (2, 3).

#### References

1. Kissling RE, et al: Studies on the North American arthropod-borne encephalitis. *Am J Hyg* 62:233-254, 1955
2. Hauser GH: Human equine encephalomyelitis, Eastern type, in Louisiana. *New Orleans Medical and Surgical Journal* 100:551-558, 1948
3. Report by Bureau of Animal Industry, Infectious Equine Encephalitis in 1947. *Veterinary Medicine* 43:319, 1948

Kong strain of influenza.

(Reported by Gunnar Bohan, M.D., City Health Director, Meriden, Connecticut; Martin Roth, Ph.D., Chief, Virology Section, James Hart, M.D., Director, Division of Preventable Diseases, Connecticut State Department of Health; and an EIS Officer.)

#### SCABIES — Maine

Between Oct. 25 and Nov. 13, 1971, an outbreak of scabies occurred in Mexico, Maine (population approximately 5,000); some cases were also reported from the nearby town of Rumford (population approximately 9,000). There had been scattered reports of scabies throughout Maine for nearly a year prior to this outbreak. When Mexico became aware of the outbreak in the week of November 8, schools were closed, because parents kept their children home fearing they would contract the disease. A mass clinic was held on November 13 to diagnose and treat those from the Mexico-Rumford area who had scabies, had been in contact with it, or who wanted to be checked because of suspicion of having the disease. An epidemiologic investigation was initiated based on data from the clinic, school absenteeism records, and Public Health nursing investigation.

In the Middle Junior High School (grades 5, 6, 7, and 8) in Mexico marked absenteeism was first noted the last week of October. By the first week in November, absenteeism had risen to three times the normal average. A total of 75 percent of all families in Mexico who have a child in school, have a child in this school. Four geographic clusters of two or

three families each were found. Most members of these families had had the disease for more than 1 month and lived in lower socio-economic areas. It was noted that persons who contracted the disease early in the outbreak lived within 2-3 city blocks of those families who had had the disease for more than 1 month. A total of 192 families were identified in the November 13 clinic as having at least one family member affected, and 64 (33 percent) of these families had two or more members affected. The school-specific attack rates in the Mexico schools ranged from 10 to 16 percent, while those for Rumford ranged from 0.6 to 5.7 percent. A total of 41 children attending Rumford schools became ill with scabies; however, 30 of these lived in Mexico and the surrounding area. Over 75 percent of the patients were less than 16 years old. The epidemiologic investigation is continuing.

(Reported by Thomas Ellis, Health Officer, Mexico, Maine; J. A. MacDougall, M.D., Health Officer, Rumford; H. Reeves, M.D., District Health Officer, Lewiston, Maine; Dean Fisher, M.D., Commissioner of Health and Welfare, State of Maine; and an EIS Officer.)

#### FOLLOW-UP ON GASTROENTERITIS ATTRIBUTED TO IMPORTED FRENCH CHEESE — United States

Between Nov. 12 and Dec. 8, 1971, at least 227 persons in 96 separate outbreaks in approximately eight states experienced acute gastroenteritis about 24 hours after eating imported French Camembert or Brie cheese (MMWR, Vol. 20, No. 47). Their symptoms included vomiting, diarrhea, fever, headache, and myalgia. A few patients reported passing blood with their stools. Six persons were hospitalized.

The cheese is marketed under the brand names "L'Extra," "LeRoitelet," and "Anco." All of the implicated cheese was produced in one factory in France and is essentially the same. It has been voluntarily recalled by the importers. All the cheese produced at this factory is allegedly consumed only in France or exported to the United States. There have been no reported cases of gastroenteritis associated with this cheese in France.

Organisms of *Escherichia coli* serogroup O:124 were isolated from the stools of several patients as well as from samples of the implicated cheese. This organism was also isolated from "LeRoitelet" brand Coulommiers cheese which is produced in another factory in France. This cheese, which has not been associated with gastroenteritis, has also been recalled by the importer.

(Reported by Robert Barnard, Technician, Walter Callahan, Ph.D., Chief, Bacteriology Laboratory, Department of Human Resources, Bureau of Laboratories, District of Columbia Department of Public Health; the Food and Drug Administration, Washington, D.C.; and the Bacterial Diseases Branch, Epidemiology Program, CDC.)

#### Editorial Note

This is the first well-documented occurrence of food poisoning due to *E. coli* in the United States, although it has been reported in other countries. Strains of these organisms appear to produce gastroenteritis in humans by one of two mechanisms: through elaboration of an exotoxin (as in cholera) or through direct invasion of the intestinal epithelium (as in shigellosis) with inflammation resulting in fever, headache, myalgia, and in severe cases, mucus, blood, and pus in the stool (1). The symptoms in the present outbreaks were probably produced by the latter mechanism.

#### Reference

1. DuPont HL, et al: Pathogenesis of *Escherichia coli* diarrhea. *New Engl J Med* 285:1-9, 1971

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 11, 1971 AND DECEMBER 12, 1970 (49th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1971	Cum. 1971
				1971	1970	1971	1971	1971	1970		
UNITED STATES.....	55	6	3	37	29	3	198	1,164	1,280	22	2,759
NEW ENGLAND.....	1	-	1	-	-	-	7	71	116	-	82
Maine*.....	-	-	-	-	-	-	-	12	17	-	5
New Hampshire*.....	-	-	-	-	-	-	-	-	1	-	-
Vermont.....	-	-	-	-	-	-	-	6	6	-	1
Massachusetts.....	1	-	-	-	-	-	-	27	38	-	57
Rhode Island.....	-	-	1	-	-	-	1	11	22	-	8
Connecticut.....	-	-	-	-	-	-	6	15	32	-	11
MIDDLE ATLANTIC.....	5	-	-	6	5	1	97	269	226	-	267
New York City.....	-	-	-	-	2	-	29	79	52	-	24
New York, Up-State... New Jersey.....	4	-	-	1	1	-	10	35	57	-	73
Pennsylvania.....	1	-	-	2	-	-	34	76	73	-	113
.....	1	-	-	3	2	1	24	79	44	-	57
EAST NORTH CENTRAL.....	12	1	-	7	10	1	19	173	226	4	192
Ohio.....	7	1	-	1	4	1	3	28	28	1	26
Indiana.....	1	-	-	2	1	-	-	20	12	1	15
Illinois.....	1	-	-	1	1	-	5	37	81	1	60
Michigan.....	3	-	-	3	4	-	10	82	91	1	56
Wisconsin.....	-	-	-	-	-	-	1	6	14	-	35
WEST NORTH CENTRAL.....	4	3	-	5	3	-	4	45	58	2	250
Minnesota.....	3	-	-	3	2	-	2	2	13	-	36
Iowa.....	1	2	-	1	-	-	-	8	10	-	26
Missouri.....	-	-	-	-	-	-	1	18	14	-	28
North Dakota.....	-	-	-	-	-	-	-	-	6	-	3
South Dakota.....	-	1	-	-	-	-	-	8	-	-	2
Nebraska.....	-	-	-	-	-	-	-	2	-	-	14
Kansas.....	-	-	-	1	1	-	1	7	15	2	141
SOUTH ATLANTIC.....	6	-	-	5	-	-	21	161	118	6	413
Delaware.....	-	-	-	-	-	-	-	3	1	1	3
Maryland.....	1	-	-	5	-	-	5	45	16	1	53
Dist. of Columbia....	-	-	-	-	-	-	-	4	2	-	4
Virginia.....	-	-	-	-	-	-	2	23	38	-	67
West Virginia*.....	1	-	-	-	-	-	-	11	10	-	7
North Carolina.....	-	-	-	-	-	-	3	34	19	3	146
South Carolina.....	-	-	-	-	-	-	1	5	4	-	20
Georgia.....	-	-	-	-	-	-	-	1	13	1	69
Florida.....	4	-	-	-	-	-	10	35	15	-	44
EAST SOUTH CENTRAL.....	5	-	1	6	5	-	4	41	38	1	292
Kentucky.....	-	-	-	1	3	-	2	19	15	-	259
Tennessee.....	1	-	-	4	-	-	1	14	15	-	-
Alabama.....	4	-	1	-	-	-	1	6	6	1	23
Mississippi.....	-	-	-	1	2	-	-	2	2	-	10
WEST SOUTH CENTRAL.....	3	2	-	1	1	-	11	91	97	-	526
Arkansas.....	-	1	-	-	-	-	-	3	25	-	20
Louisiana.....	-	-	-	-	-	-	3	9	5	-	39
Oklahoma.....	-	-	-	-	1	-	-	21	11	-	71
Texas.....	3	1	-	1	-	-	8	58	56	-	396
MOUNTAIN.....	-	-	1	-	1	-	4	83	111	5	166
Montana.....	-	-	-	-	-	-	-	19	11	-	2
Idaho.....	-	-	-	-	-	-	-	17	7	-	6
Wyoming.....	-	-	-	-	-	-	-	-	1	-	3
Colorado.....	-	-	-	-	-	-	1	14	39	5	129
New Mexico.....	-	-	-	-	1	-	2	4	14	-	11
Arizona.....	-	-	1	-	-	-	1	21	13	-	10
Utah.....	-	-	-	-	-	-	-	7	10	-	3
Nevada.....	-	-	-	-	-	-	-	1	16	-	2
PACIFIC.....	19	-	-	7	4	1	31	230	290	4	571
Washington.....	1	-	-	-	-	-	1	25	30	-	2
Oregon.....	2	-	-	1	-	-	3	23	32	1	21
California.....	15	-	-	6	4	1	27	174	225	2	484
Alaska*.....	---	---	---	---	---	---	---	---	---	---	7
Hawaii.....	1	-	-	-	-	-	-	8	3	1	57
Puerto Rico*.....	---	---	---	---	---	---	---	---	9	---	24
Virgin Islands*.....	-	-	-	-	-	-	-	-	-	-	-

\*Delayed reports: Hepatitis, infectious: Me. 1, N.H. 1, N.J. delete 3, W. Va. delete 1, Alaska 3, P.R. 46  
Malaria: Alaska 1, V.I. delete 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
DECEMBER 11, 1971 AND DECEMBER 12, 1970 (49th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1971	Cumulative		1971	Cumulative		1971	Cum. 1971	Total	Paralytic	
		1971	1970		1971	1970			1971	1971	Cum. 1971
UNITED STATES.....	531	73,608	44,946	23	2,080	2,330	2,436	116,344	-	-	8
NEW ENGLAND.....	6	3,515	1,136	1	98	100	155	6,967	-	-	-
Maine.....*	-	1,485	391	-	9	5	10	1,276	-	-	-
New Hampshire.....	4	218	61	-	21	9	3	678	-	-	-
Vermont.....	-	121	8	-	-	8	20	471	-	-	-
Massachusetts.....	1	260	448	1	37	39	62	1,751	-	-	-
Rhode Island.....	-	241	120	-	3	6	19	1,284	-	-	-
Connecticut.....	1	1,190	108	-	28	33	41	1,507	-	-	-
MIDDLE ATLANTIC.....	28	7,725	5,243	2	273	434	59	6,746	-	-	-
New York City.....	7	3,807	1,063	-	55	90	35	2,008	-	-	-
New York, Up-State...	2	699	390	-	83	81	NN	NN	-	-	-
New Jersey.....	18	1,287	1,726	-	60	180	4	1,793	-	-	-
Pennsylvania.....	1	1,932	2,064	2	75	83	20	2,945	-	-	-
EAST NORTH CENTRAL.....	194	16,626	10,499	4	244	269	848	45,700	-	-	-
Ohio.....	6	4,064	3,899	2	80	96	100	8,576	-	-	-
Indiana.....	64	2,964	280	-	20	26	2	5,328	-	-	-
Illinois.....	73	3,277	3,224	-	67	67	180	4,983	-	-	-
Michigan.....	10	2,571	1,837	2	62	67	167	10,387	-	-	-
Wisconsin.....	41	3,750	1,259	-	15	13	399	16,426	-	-	-
WEST NORTH CENTRAL.....	68	7,270	3,930	2	149	121	419	9,293	-	-	-
Minnesota.....	-	57	40	-	27	21	50	1,344	-	-	-
Iowa.....	66	2,676	1,173	1	14	14	333	5,113	-	-	-
Missouri.....	-	2,606	1,279	-	51	63	2	1,084	-	-	-
North Dakota.....	2	242	321	-	6	5	1	382	-	-	-
South Dakota.....	-	221	104	-	6	1	1	270	-	-	-
Nebraska.....	-	69	943	1	16	8	16	224	-	-	-
Kansas.....	-	1,399	70	-	29	9	16	876	-	-	-
SOUTH ATLANTIC.....	86	8,856	7,525	3	372	455	194	8,411	-	-	1
Delaware.....	-	42	269	-	2	3	1	184	-	-	-
Maryland.....	-	555	1,387	1	53	47	13	756	-	-	-
Dist. of Columbia....	-	16	345	-	14	3	1	100	-	-	-
Virginia.....	-	1,613	2,113	1	45	47	6	1,048	-	-	-
West Virginia.....	7	567	333	-	12	13	123	2,528	-	-	-
North Carolina.....	-	1,958	935	1	71	97	NN	NN	-	-	-
South Carolina.....	5	930	626	-	20	47	2	902	-	-	-
Georgia.....	5	1,138	18	-	25	43	-	11	-	-	1
Florida.....	69	2,037	1,499	-	130	155	48	2,882	-	-	-
EAST SOUTH CENTRAL.....	22	8,463	1,927	1	188	165	114	8,661	-	-	-
Kentucky.....	6	3,976	1,031	1	54	60	27	2,508	-	-	-
Tennessee.....	-	1,025	465	-	75	69	74	4,980	-	-	-
Alabama.....	6	1,969	322	-	33	24	13	1,018	-	-	-
Mississippi.....	10	1,493	109	-	26	12	-	155	-	-	-
WEST SOUTH CENTRAL.....	33	12,701	9,061	2	181	287	123	9,332	-	-	3
Arkansas.....	-	778	30	-	5	25	2	157	-	-	-
Louisiana.....	9	1,712	215	1	68	71	-	146	-	-	-
Oklahoma.....	1	758	875	-	10	23	7	202	-	-	-
Texas.....	23	9,453	7,941	1	98	168	114	8,827	-	-	3
MOUNTAIN.....	7	3,511	2,242	1	65	53	81	4,752	-	-	2
Montana.....	-	925	110	-	7	1	8	442	-	-	-
Idaho.....	-	274	480	-	11	7	4	169	-	-	-
Wyoming.....	-	85	11	-	2	2	25	416	-	-	-
Colorado.....	5	846	300	-	7	18	27	1,586	-	-	1
New Mexico.....	-	401	286	-	5	2	4	715	-	-	-
Arizona.....	2	637	998	-	9	16	12	1,233	-	-	-
Utah.....	-	336	36	1	20	6	1	191	-	-	-
Nevada.....	-	7	21	-	4	1	-	-	-	-	1
PACIFIC.....	87	4,941	3,383	7	510	446	443	16,482	-	-	2
Washington.....	32	1,141	737	2	35	47	119	6,630	-	-	1
Oregon.....	-	378	421	-	41	31	42	1,665	-	-	1
California.....	45	2,837	1,894	5	424	363	274	7,151	-	-	-
Alaska.....*	---	63	141	---	1	-	---	104	---	---	-
Hawaii.....	10	522	190	-	9	5	8	932	-	-	-
Puerto Rico.....*	---	609	979	---	10	5	---	1,274	---	---	-
Virgin Islands.....	-	17	8	-	-	3	7	84	-	-	-

\*Delayed reports: Measles: Me. 2, P.R. 27  
Mumps: Alaska 5, P.R. 101

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 11, 1971 AND DECEMBER 12, 1970 (49th WEEK) - CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971	1971	Cum. 1971
UNITED STATES.....	314	42,326	3	106	2	173	7	400	-	400	61	3,693
NEW ENGLAND.....	11	1,843	-	6	-	1	1	18	-	5	3	213
Maine.....	1	272	-	-	-	-	-	1	-	-	3	186
New Hampshire.....	2	50	-	2	-	-	-	-	-	-	-	3
Vermont.....	-	102	-	-	-	-	-	-	-	-	-	15
Massachusetts.....	3	855	-	1	-	-	1	13	-	3	-	8
Rhode Island.....	2	109	-	-	-	-	-	-	-	2	-	1
Connecticut.....	3	455	-	3	-	1	-	4	-	-	-	-
MIDDLE ATLANTIC.....	24	2,707	1	11	-	-	1	93	-	38	3	154
New York City.....	11	604	-	6	-	-	1	23	-	1	-	-
New York, Up-State..	3	437	-	1	-	-	-	15	-	17	3	133
New Jersey.....	5	635	1	2	-	-	-	8	-	9	-	-
Pennsylvania.....	5	1,031	-	2	-	-	-	47	-	11	-	21
EAST NORTH CENTRAL....	94	9,256	-	13	-	8	-	57	-	20	4	384
Ohio.....	8	1,032	-	2	-	1	-	21	-	15	2	111
Indiana.....	36	2,205	-	2	-	-	-	6	-	-	-	81
Illinois.....	12	1,350	-	6	-	4	-	14	-	3	-	70
Michigan.....	24	2,933	-	3	-	1	-	10	-	2	1	47
Wisconsin.....	14	1,736	-	-	-	2	-	6	-	-	1	75
WEST NORTH CENTRAL....	17	3,304	-	6	-	19	-	4	-	9	23	1,039
Minnesota.....	3	284	-	3	-	-	-	-	-	-	9	251
Iowa.....	9	733	-	1	-	-	-	1	-	2	4	224
Missouri.....	4	1,374	-	2	-	15	-	4	-	5	3	146
North Dakota.....	-	96	-	-	-	-	-	-	-	-	5	182
South Dakota.....	-	99	-	-	-	1	-	-	-	-	-	120
Nebraska.....	1	97	-	-	-	-	-	-	-	-	-	8
Kansas.....	-	621	-	-	-	3	-	-	-	2	2	108
SOUTH ATLANTIC.....	12	3,444	1	26	-	23	-	51	-	205	3	402
Delaware.....	1	51	-	-	-	-	-	1	-	2	-	-
Maryland.....	4	168	-	1	-	4	-	4	-	31	-	2
Dist. of Columbia...	-	8	1	4	-	-	-	4	-	-	-	-
Virginia.....	1	226	-	3	-	9	-	15	-	35	1	75
West Virginia.....	2	712	-	-	-	-	-	4	-	4	-	122
North Carolina.....	-	52	-	2	-	4	-	4	-	106	-	7
South Carolina.....	1	454	-	1	-	-	-	2	-	14	-	-
Georgia.....	-	1	-	2	-	4	-	2	-	13	2	141
Florida.....	3	1,772	-	13	-	2	-	15	-	-	-	55
EAST SOUTH CENTRAL....	5	4,004	-	16	-	13	-	48	-	63	4	338
Kentucky.....	3	1,738	-	3	-	2	-	11	-	13	2	171
Tennessee.....	1	1,970	-	7	-	7	-	26	-	34	2	105
Alabama.....	1	220	-	4	-	3	-	8	-	9	-	58
Mississippi.....	-	76	-	2	-	1	-	3	-	7	-	4
WEST SOUTH CENTRAL....	21	4,999	-	16	-	62	4	45	-	48	9	728
Arkansas.....	-	338	-	1	-	25	4	15	-	6	4	101
Louisiana.....	1	291	-	3	-	8	-	6	-	1	-	46
Oklahoma.....	-	75	-	2	-	17	-	3	-	28	3	276
Texas.....	20	4,295	-	10	-	12	-	21	-	13	2	305
MOUNTAIN.....	29	2,056	-	2	-	40	-	9	-	12	-	72
Montana.....	9	125	-	-	-	2	-	-	-	3	-	-
Idaho.....	-	43	-	1	-	1	-	-	-	4	-	-
Wyoming.....	1	861	-	-	-	-	-	-	-	-	-	12
Colorado.....	14	323	-	-	-	-	-	2	-	2	-	11
New Mexico.....	1	240	-	-	-	-	-	5	-	1	-	9
Arizona.....	4	380	-	1	-	-	-	2	-	-	-	25
Utah.....	-	69	-	-	-	37	-	-	-	1	-	10
Nevada.....	-	15	-	-	-	-	-	-	-	1	-	5
PACIFIC.....	101	10,713	1	10	2	7	1	75	-	-	12	363
Washington.....	14	1,496	-	1	-	-	-	1	-	-	-	-
Oregon.....	12	800	-	1	-	3	-	-	-	-	-	9
California.....	74	8,187	-	7	2	4	1	69	-	-	12	320
Alaska.....	---	50	---	---	---	---	---	1	---	---	---	34
Hawaii.....	1	180	1	1	-	-	-	4	-	-	-	-
Puerto Rico, P.....	---	62	---	8	---	---	---	4	---	---	---	75
Virgin Islands.....	-	1	-	-	-	-	-	1	-	-	-	-

\*Delayed reports: Tetanus: P.R. 1  
Typhoid fever: P.R. 1  
Rabies in animals: P.R. 4

# Morbidity and Mortality Weekly Report

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Week No. 49 TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 11, 1971

(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		
<b>NEW ENGLAND:</b>	785	513	38	18	<b>SOUTH ATLANTIC:</b>	1,265	686	50	59
Boston, Mass.-----	230	141	11	6	Atlanta, Ga.-----	117	67	5	6
Bridgeport, Conn.-----	52	30	1	1	Baltimore, Md.-----	235	121	4	9
Cambridge, Mass.-----	34	24	4	—	Charlotte, N. C.-----	59	28	1	2
Fall River, Mass.-----	37	25	—	—	Jacksonville, Fla.-----	91	43	1	5
Hartford, Conn.-----	56	35	—	2	Miami, Fla.-----	103	54	2	3
Lowell, Mass.-----	27	17	4	—	Norfolk, Va.-----	48	27	6	1
Lynn, Mass.-----	19	15	1	—	Richmond, Va.-----	89	46	2	2
New Bedford, Mass.-----	32	30	2	—	Savannah, Ga.-----	42	21	5	4
New Haven, Conn.-----	62	36	1	2	St. Petersburg, Fla.-----	125	98	8	1
Providence, R. I.-----	53	28	5	3	Tampa, Fla.-----	88	47	3	5
Somerville, Mass.-----	14	11	1	—	Washington, D. C.-----	221	107	8	19
Springfield, Mass.-----	72	48	1	4	Wilmington, Del.-----	47	27	5	2
Waterbury, Conn.-----	27	18	—	—					
Worcester, Mass.-----	70	55	7	—	<b>EAST SOUTH CENTRAL:</b>	752	449	26	31
					Birmingham, Ala.-----	123	72	2	9
<b>MIDDLE ATLANTIC:</b>	3,879	2,332	147	139	Chattanooga, Tenn.-----	57	34	4	—
Albany, N. Y.-----	46	30	2	3	Knoxville, Tenn.-----	38	26	4	1
Allentown, Pa.-----	26	19	1	1	Louisville, Ky.-----	144	83	6	9
Buffalo, N. Y.-----	156	91	5	5	Memphis, Tenn.-----	164	97	1	4
Camden, N. J.-----	48	27	3	2	Mobile, Ala.-----	80	46	2	2
Elizabeth, N. J.-----	33	24	1	—	Montgomery, Ala.-----	46	28	2	—
Erie, Pa.-----	44	32	3	1	Nashville, Tenn.-----	100	63	5	6
Jersey City, N. J.-----	64	39	2	2					
Newark, N. J.-----	74	29	3	4	<b>WEST SOUTH CENTRAL:</b>	1,281	687	54	55
New York City, N. Y.†	2,055	1,230	74	64	Austin, Tex.-----	42	24	1	3
Paterson, N. J.-----	49	26	9	5	Baton Rouge, La.-----	57	34	3	3
Philadelphia, Pa.-----	513	295	10	23	Corpus Christi, Tex.-----	29	18	2	1
Pittsburgh, Pa.-----	280	161	9	12	Dallas, Tex.-----	163	87	4	10
Reading, Pa.-----	45	31	2	1	El Paso, Tex.-----	52	23	2	3
Rochester, N. Y.-----	145	109	11	6	Fort Worth, Tex.-----	94	47	4	6
Schenectady, N. Y.-----	27	19	1	—	Houston, Tex.-----	259	116	10	1
Scranton, Pa.-----	36	22	3	3	Little Rock, Ark.-----	53	35	2	1
Syracuse, N. Y.-----	99	56	3	4	New Orleans, La.-----	174	105	7	6
Trenton, N. J.-----	74	45	—	3	Oklahoma City, Okla.-----	89	52	2	2
Utica, N. Y.-----	32	26	1	—	San Antonio, Tex.-----	133	68	10	15
Yonkers, N. Y.-----	33	21	4	—	Shreveport, La.-----	86	47	4	4
					Tulsa, Okla.-----	50	31	3	—
<b>EAST NORTH CENTRAL:</b>	2,733	1,553	81	123					
Akron, Ohio-----	63	44	—	3	<b>MOUNTAIN:</b>	513	292	23	26
Canton, Ohio-----	46	27	1	—	Albuquerque, N. Mex.-----	58	27	4	3
Chicago, Ill.-----	723	403	21	37	Colorado Springs, Colo.-----	25	15	3	—
Cincinnati, Ohio-----	189	97	6	11	Denver, Colo.-----	133	71	3	13
Cleveland, Ohio-----	193	106	3	2	Ogden, Utah-----	26	13	2	1
Columbus, Ohio-----	188	105	14	14	Phoenix, Ariz.-----	113	62	2	4
Dayton, Ohio-----	107	49	—	8	Pueblo, Colo.-----	35	26	4	—
Detroit, Mich.-----	388	211	11	19	Salt Lake City, Utah-----	54	34	1	2
Evansville, Ind.-----	52	38	1	2	Tucson, Ariz.-----	69	44	4	3
Flint, Mich.-----	43	25	1	1					
Fort Wayne, Ind.-----	45	28	1	—	<b>PACIFIC:</b>	1,637	1,036	39	54
Gary, Ind.-----	24	11	1	1	Berkeley, Calif.-----	23	18	1	—
Grand Rapids, Mich.-----	39	26	3	—	Fresno, Calif.-----	52	31	2	—
Indianapolis, Ind.-----	156	84	3	6	Glendale, Calif.-----	32	27	1	—
Madison, Wis.-----	29	13	3	7	Honolulu, Hawaii-----	45	27	—	1
Milwaukee, Wis.-----	147	94	1	5	Long Beach, Calif.-----	130	83	3	1
Peoria, Ill.-----	40	29	—	—	Los Angeles, Calif.-----	412	255	11	14
Rockford, Ill.-----	43	27	3	1	Oakland, Calif.-----	79	52	1	8
South Bend, Ind.-----	49	31	5	1	Pasadena, Calif.-----	52	41	3	—
Toledo, Ohio-----	102	62	—	3	Portland, Oreg.-----	154	105	4	5
Youngstown, Ohio-----	67	43	3	2	Sacramento, Calif.-----	58	44	—	1
					San Diego, Calif.-----	116	59	2	11
<b>WEST NORTH CENTRAL:</b>	931	576	40	31	San Francisco, Calif.-----	189	102	2	2
Des Moines, Iowa-----	58	34	5	1	San Jose, Calif.-----	58	41	2	1
Duluth, Minn.-----	31	21	—	2	Seattle, Wash.-----	134	87	5	7
Kansas City, Kans.-----	29	13	1	2	Spokane, Wash.-----	55	35	1	2
Kansas City, Mo.-----	135	83	3	5	Tacoma, Wash.-----	48	29	1	1
Lincoln, Nebr.-----	36	25	3	—					
Minneapolis, Minn.-----	97	57	1	5	<b>Total</b>	<b>13,776</b>	<b>8,124</b>	<b>498</b>	<b>536</b>
Omaha, Nebr.-----	109	59	—	4	<b>Expected Number</b>	<b>13,140</b>	<b>7,592</b>	<b>510</b>	<b>588</b>
St. Louis, Mo.-----	271	181	15	8	<b>Cumulative Total</b> (includes reported corrections for previous weeks)	<b>624,879</b>	<b>358,878</b>	<b>22,538</b>	<b>27,877</b>
St. Paul, Minn.-----	85	56	1	2					
Wichita, Kans.-----	80	47	11	2					
Las Vegas, Nev.*	---	---	---	---					

\*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas November 1970 and November 1971 - Provisional Data

Reporting Area	November		Cumulative Jan. - Nov.		Reporting Area	November		Cumulative Jan. - Nov.	
	1971	1970	1971	1970		1971	1970	1971	1970
NEW ENGLAND.....	62	42	556	488	EAST SOUTH CENTRAL.....	109	64	1,169	720
Maine.....	1	1	13	12	Kentucky.....	24	23	303	205
New Hampshire.....	-	1	5	2	Tennessee.....	41	13	350	169
Vermont.....	-	-	5	2	Alabama.....	13	12	155	142
Massachusetts.....	25	28	275	277	Mississippi.....	31	16	361	204
Rhode Island.....	3	2	35	51	WEST SOUTH CENTRAL.....	268	330	3,301	3,682
Connecticut.....	33	10	223	144	Arkansas.....	18	24	223	278
MIDDLE ATLANTIC.....	506	475	5,277	4,915	Louisiana.....	51	42	677	692
Upstate New York.....	50	38	427	374	Oklahoma.....	10	8	93	101
New York City.....	342	318	3,603	3,398	Texas.....	189	256	2,308	2,611
Pa. (Excl. Phila.).....	24	18	147	153	MOUNTAIN.....	40	75	529	572
Philadelphia.....	25	14	213	184	Montana.....	1	-	1	4
New Jersey.....	65	87	887	806	Idaho.....	-	1	12	2
EAST NORTH CENTRAL.....	239	156	2,485	2,208	Wyoming.....	-	-	3	4
Ohio.....	30	30	427	333	Colorado.....	9	6	61	40
Indiana.....	27	18	310	381	New Mexico.....	14	17	146	124
Downstate Illinois.....	6	7	134	126	Arizona.....	9	33	191	224
Chicago.....	77	62	779	763	Utah.....	1	9	14	29
Michigan.....	92	37	777	526	Nevada.....	6	9	101	145
Wisconsin.....	7	2	58	79	PACIFIC.....	303	209	2,864	2,179
WEST NORTH CENTRAL.....	38	35	389	480	Washington.....	5	5	132	45
Minnesota.....	11	4	64	73	Oregon.....	1	6	14	29
Iowa.....	6	3	23	14	California.....	297	195	2,678	2,083
Missouri.....	17	22	219	271	Alaska.....	-	2	17	13
North Dakota.....	-	1	5	5	Hawaii.....	-	1	23	9
South Dakota.....	1	1	9	16	U. S. TOTAL.....	2,095	1,780	21,851	19,755
Nebraska.....	-	-	22	19	TERRITORIES.....	55	102	788	900
Kansas.....	3	4	47	82	Puerto Rico.....	52	101	759	870
SOUTH ATLANTIC.....	530	394	5,281	4,539	Virgin Islands.....	3	1	29	30
Delaware.....	3	6	34	110					
Maryland.....	83	39	572	376					
District of Columbia.....	65	52	570	504					
Virginia.....	42	23	323	257					
West Virginia.....	4	3	31	28					
North Carolina.....	44	44	403	419					
South Carolina.....	35	20	344	317					
Georgia.....	131	93	1,463	1,248					
Florida.....	123	114	1,541	1,280					

Note: Cumulative Totals include revised and delayed reports through previous months.

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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.

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