



# Morbidity and Mortality



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

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**EPIDEMIOLOGIC NOTES AND REPORTS**

**RUBELLA - Bermuda**

Since March 20, 1971, 102 cases of rubella (Figure 1) have occurred in Bermuda, an island of 56,000 inhabitants in the North Atlantic Ocean. The illness is characterized by a 3- to 4-day rash, posterior auricular and suboccipital lymphadenopathy, and low-grade fever. In addition, many patients have complained of pruritus, conjunctivitis, and prodromal headache. In a detailed investigation of 72 cases, 45 percent of the patients complained of joint pains or stiffness (Figure 2); joint complaints were twice as common in patients 11 years old and older than in those under age 11 (52% and 25%, respectively). Serologic confirmation of acute rubella infection was established in several cases.

Overall, 23 percent of the 102 patients were 1-12 years of age, 33 percent were 13-20, 34 percent were 21-30, and 10

**CONTENTS**

Epidemiologic Notes and Reports  
 Rubella - Bermuda . . . . . 207  
 Abortion Mortality - New York City . . . . . 208  
 International Notes  
 Cholera - Worldwide . . . . . 209  
 Summary of Reported Cases of Infectious Syphilis . . . . . 214

percent were over 31 years of age. The majority of cases in young patients occurred later in the outbreak. More females (57%) than males were affected. Rubella was at first more prevalent in the middle parishes than in the outlying ones, although more cases have begun to occur in St. George's and Sandys, the eastern-most and western-most parishes, respectively.

(Continued on page 208)

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

DISEASE	23rd WEEK ENDED		MEDIAN 1966 - 1970	CUMULATIVE, FIRST 23 WEEKS		
	June 12, 1971	June 13, 1970		1971	1970	MEDIAN 1966 - 1970
Aseptic meningitis . . . . .	70	48	48	1,082	689	686
Brucellosis . . . . .	9	7	3	69	89	89
Diphtheria . . . . .	8	2	2	79	181	70
Encephalitis, primary:						
Arthropod-borne & unspecified . . . . .	33	21	23	506	455	453
Encephalitis, post-infectious . . . . .	9	10	10	153	212	248
Hepatitis, serum . . . . .	140	159	70	3,781	3,090	1,764
Hepatitis, infectious . . . . .	1,106	1,077	781	27,453	24,901	19,374
Malaria . . . . .	73	67	34	1,630	1,500	929
Measles (rubeola) . . . . .	2,420	1,640	1,614	59,098	33,196	33,199
Meningococcal infections, total . . . . .	33	51	47	1,421	1,429	1,506
Civilian . . . . .	33	47	42	1,244	1,283	1,360
Military . . . . .	-	4	3	177	146	146
Mumps . . . . .	3,368	2,530	-	84,954	62,703	-
Poliomyelitis, total . . . . .	-	3	1	6	6	10
Paralytic . . . . .	-	3	1	4	6	9
Rubella (German measles) . . . . .	1,300	1,633	1,669	32,286	43,805	36,112
Tetanus . . . . .	2	2	3	41	46	55
Tularemia . . . . .	2	3	3	40	41	64
Typhoid fever . . . . .	7	5	6	112	100	122
Typhus, tick-borne (Rky. Mt. spotted fever) . . . . .	16	18	14	63	75	57
Rabies in animals . . . . .	71	49	68	2,022	1,466	1,726

**TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY**

	Cum.		Cum.
Anthrax: . . . . .	-	Psittacosis: Mo.-1, Wis.-1 . . . . .	15
Botulism: . . . . .	1	Rabies in Man: . . . . .	1
Leprosy: Conn.-1 . . . . .	60	Rubella congenital syndrome: Calif.-1, Colo.-1, La.-1 . . . . .	32
Leptospirosis: *Conn.-2 . . . . .	16	Trichinosis: . . . . .	33
Plague: . . . . .	-	Typhus, murine: . . . . .	3

\*Delayed reports: Leptospirosis: Fla. 2 (1970)

RUBELLA - (Continued from front page)

Figure 1  
CASES OF RUBELLA, BY WEEK OF ONSET, BERMUDA, 1971

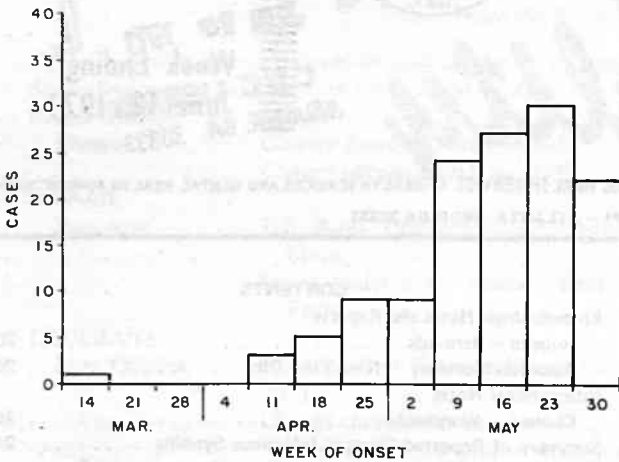
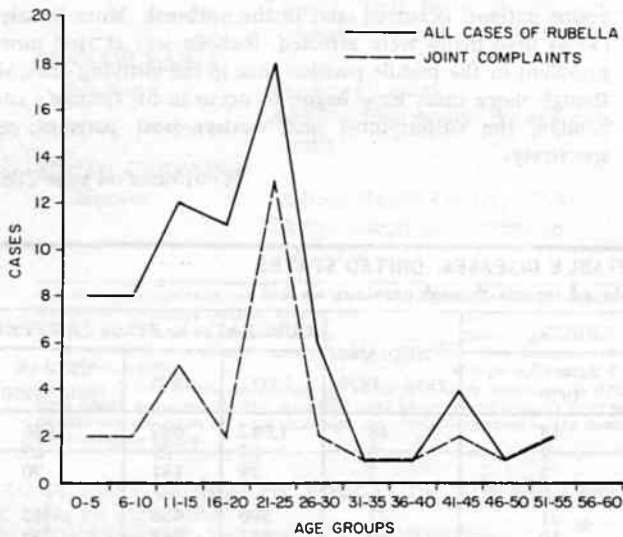


Figure 2  
CASES\* OF RUBELLA, AND RUBELLA-ASSOCIATED JOINT COMPLAINTS, BY AGE GROUP, BERMUDA, 1971



\*BASED ON 72 DETAILED CASE INVESTIGATIONS

A random serologic survey of school-age children was conducted in early June to determine age-specific rubella immunity levels. Serum specimens for rubella HI titration were

drawn from 296 children, ages 4-18 years. Overall, 65.6 percent were susceptible (Table 1). Eighty of 86 (93.0%) children 4-7 years old were susceptible to rubella; they were born after the last rubella epidemic in Bermuda, in 1964.

Because of high susceptibility to rubella on the island, increasing numbers of cases in younger schoolchildren, and the likelihood of a large-scale epidemic, a mass rubella vaccination campaign was begun on June 3. Prior to this date, no rubella vaccine had been given in Bermuda. It is projected that 80 percent of children 3-12 years old will have been vaccinated by the end of the school term on June 30. Further case reporting and investigation are in progress.

Table 1  
Percentage of Population Susceptible\* to Rubella, Bermuda, June 1971

Age	Number	Susceptible	%Susceptible
4	11	11	100
5	23	23	100
6	31	29	93.5
7	21	17	81.0
8	11	7	63.6
9	23	14	60.8
10	29	17	58.5
11	23	9	57.5
12	30	18	60.0
13	36	14	39.0
14	25	13	52.0
15	11	5	45.5
16	6	3	50.0
17	5	4	80.0
18	1	0	0
	296	194	65.6

\*Rubella HI titer <1:8.

(Reported by J.A.B. Nicholson, M.D., Permanent Secretary, Health, Welfare, and Prisons, and Acting Chief Medical Officer; B. W. Whalley, M.D., Senior Medical Officer, Department of Health and Welfare; R.J. Gourlay, M.D., Senior Medical Officer, Department of Health and Welfare; and two EIS Officers.)

Editorial Note

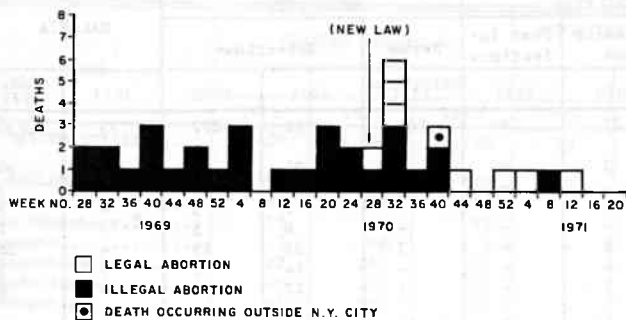
Almost half the patients in this outbreak to date were over 20 years old, an age group not commonly involved in rubella outbreaks in the United States; however, more recent cases indicate increasing spread among school-age children. Intervention with vaccine should avert a major epidemic of this segment of the population.

ABORTION MORTALITY - New York City

On July 1, 1970, New York State removed most legal restrictions on the practice of abortion. Between July 1, 1970, and May 31, 1971, New York City alone reported an estimated 150,629 legal abortions, including eight associated deaths (Figure 3). In addition, one death occurred in Indiana following an abortion performed in a doctor's office in New York City. Four of these deaths occurred in the first 2 months that the new abortion law was in effect, five occurred in the next 6 months, and none in the last 3 months (through May 31). Between July 1, 1970, and May 31, 1971, seven deaths related to illegal abortion were reported, compared with 24 deaths reported in the 12 months prior to the new abortion law.

Of the 150,629 estimated legal abortions, 106,413 were performed in hospitals and 44,216 in non-hospital facilities. Of the eight legal abortions resulting in death in New York City, seven were performed in hospitals. Of these seven, all but one were over 12 weeks of gestation. One death in New York City resulted from an abortion performed in a physician's office on a woman at 17 weeks' gestation. This abortion was performed prior to enactment of the New York City health code regulating abortion facilities. This code established standards for abortion services that virtually eliminated physicians' offices as sites for legal abortions. Of the eight New York City deaths, three followed hysterotomy, two each followed saline injection and surgical curettage, and one fol-

Figure 3  
INDUCED ABORTION DEATHS, NEW YORK CITY  
JULY 1, 1969 – May 31, 1971



lowed suction curettage. The total abortion case fatality rate for the first 11 months under the new law, including the death outside New York City, was 6.0 per 100,000 abortions. (Reported by Mary McLaughlin, M.D., Commissioner, Donna O'Hare, M.D., Asst. Commissioner, Jean Pakter, M.D., Director, Bureau of Maternity Services and Family Planning, and Frieda Nelson, Principal Statistician, New York City Health Department; and an EIS officer.)

Editorial Note

The total legal abortion case fatality rate of 6.0 per 100,000 abortions in the first 11 months under the new abortion law compares favorably with rates in Sweden (39.2), Denmark (41.4), and Great Britain (27.8); however, it is slightly higher than in Japan (4.1), Czechoslovakia (2.5), and Hungary (1.2). In the last two countries, legal abortions must be performed prior to the 13th week of pregnancy.

INTERNATIONAL NOTES  
CHOLERA – Worldwide

Since Feb. 20, 1971, when the world prevalence of cholera was last reviewed in this report, Muscat and Oman, Kenya, Chad, and Uganda have been added to the list of countries currently reporting cholera to the World Health Organization (1) (Table 2). Chad was added to the list on May 19, thus raising the number of cholera-infected West African countries to 13. The first (Sept. 1, 1970) West African country that was reported to be infected was Guinea. By Feb. 15, 1971, Sierra Leone, Liberia, Ivory Coast, Ghana, Mali, Togo, Dahomey, Nigeria, Niger, Upper Volta, and Cameroon had

also been added to the list, in that order. As in past cholera pandemics, the recent spread of this disease in West Africa has followed trade routes. In this instance, they are the coast on the Gulf of Guinea and the Niger River.

(Reported by the Bacterial Diseases Branch, Epidemiology Program, and the Foreign Quarantine Program, CDC.)

References

1. WHO, Weekly Epidemiological Record, Vol. 46, Nos. 9-24
2. WHO, Weekly Epidemiological Record, Vol. 45, Nos. 1-52 and Vol. 46, Nos. 1-24

Table 2  
Countries and Areas Officially Reporting Cholera, as of June 11, 1971

Geographic Area	Currently Reporting (1)	Previously Reporting (2)	Imported Cases Only
I. Asia	Burma India Indonesia Nepal Pakistan, East Pakistan, West Philippines Vietnam, Republic of	Brunei Malaysia Singapore Korea, Republic of	Japan
II. Middle East	Muscat and Oman	Trucial Oman (Dubai) Gaza Strip Israel Jordan Kuwait Lebanon Saudi Arabia Syria Turkey	
III. Africa	Afars and Issas Cameroon Dahomey Ghana Guinea Ivory Coast Kenya Liberia Mali Niger Nigeria Sierra Leone Somalia Togo Uganda Upper Volta	Ethiopia Libya Tunisia	
IV. Europe		France Czechoslovakia U.S.S.R.	Wales (U.K.)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 12, 1971 AND JUNE 13, 1970 (23rd 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		
UNITED STATES.....	70	9	8	33	21	9	140	1,106	1,077	73	1,630
NEW ENGLAND.....	2	1	-	2	3	-	7	95	86	-	50
Maine.....	-	-	-	-	-	-	2	14	3	-	3
New Hampshire.....	1	-	-	-	-	-	-	7	5	-	1
Vermont.....	-	-	-	-	-	-	-	8	5	-	1
Massachusetts.....	-	1	-	-	2	-	3	35	49	-	36
Rhode Island.....	1	-	-	1	-	-	-	14	7	-	3
Connecticut.....	-	-	-	1	1	-	2	17	17	-	6
MIDDLE ATLANTIC.....	2	-	-	3	-	1	52	158	228	15	157
New York City.....	-	-	-	-	-	-	15	10	101	-	13
New York, Up-State...	-	-	-	-	-	1	12	50	23	1	41
New Jersey.....	1	-	-	1	-	-	22	75	47	13	72
Pennsylvania.....	1	-	-	2	-	-	3	23	57	1	31
EAST NORTH CENTRAL.....	5	-	-	16	5	-	16	207	177	5	88
Ohio.....	2	-	-	7	3	-	1	56	51	-	13
Indiana.....	2	-	-	-	-	-	-	9	10	-	6
Illinois.....	-	-	-	3	-	-	3	53	34	3	32
Michigan.....	-	-	-	6	2	-	12	81	77	2	30
Wisconsin.....	1	-	-	-	-	-	-	8	5	-	7
WEST NORTH CENTRAL.....	-	1	-	1	1	-	1	29	29	5	139
Minnesota.....	-	-	-	-	-	-	-	3	5	1	17
Iowa.....	-	1	-	-	-	-	-	5	4	-	19
Missouri.....	-	-	-	-	-	-	-	8	9	1	23
North Dakota.....	-	-	-	-	1	-	-	2	1	-	-
South Dakota.....	-	-	-	-	-	-	-	2	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	4	1	7
Kansas.....	-	-	-	1	-	-	1	9	6	2	73
SOUTH ATLANTIC.....	26	3	-	4	5	1	15	167	133	11	255
Delaware.....	-	-	-	-	-	-	-	2	7	-	1
Maryland.....	-	-	-	-	-	-	4	15	18	-	39
Dist. of Columbia....	-	-	-	-	-	-	-	1	1	-	2
Virginia.....	-	1	-	1	-	-	2	61	22	1	31
West Virginia.....	-	1	-	-	-	-	-	9	4	1	7
North Carolina.....	3	-	-	1	4	-	5	15	20	5	92
South Carolina.....	-	-	-	-	-	-	-	9	4	-	10
Georgia.....	-	-	-	-	-	-	-	17	25	4	47
Florida.....	23	1	-	2	1	1	4	38	32	-	26
EAST SOUTH CENTRAL.....	14	-	2	2	-	3	2	46	85	3	116
Kentucky.....	-	-	-	-	-	-	-	18	32	3	97
Tennessee.....	9	-	-	2	-	2	-	19	16	-	-
Alabama.....	5	-	2	-	-	1	1	6	23	-	15
Mississippi.....	-	-	-	-	-	-	1	3	14	-	4
WEST SOUTH CENTRAL.....	5	3	4	-	-	2	8	89	62	20	384
Arkansas.....	-	1	-	-	-	-	-	8	3	-	11
Louisiana.....	1	-	-	-	-	2	1	4	12	-	33
Oklahoma.....	-	-	-	-	-	-	-	4	7	5	56
Texas.....	4	2	4	-	-	-	7	73	40	15	284
MOUNTAIN.....	-	-	-	-	3	-	8	74	52	1	95
Montana.....	-	-	-	-	2	-	1	4	7	-	1
Idaho.....	-	-	-	-	-	-	-	2	1	-	4
Wyoming.....	-	-	-	-	-	-	1	2	2	-	1
Colorado.....	-	-	-	-	-	-	3	21	19	1	70
New Mexico.....	-	-	-	-	1	-	-	7	7	-	6
Arizona.....	-	-	-	-	-	-	1	20	9	-	8
Utah.....	-	-	-	-	-	-	2	18	3	-	3
Nevada.....	-	-	-	-	-	-	-	-	4	-	2
PACIFIC.....	16	1	2	5	4	2	31	241	225	13	346
Washington.....	1	-	-	-	-	-	-	20	26	-	1
Oregon.....	-	-	-	-	-	-	-	27	12	1	15
California.....	15	1	2	5	4	2	31	190	182	12	299
Alaska.....	---	---	---	---	---	---	---	---	---	---	3
Hawaii.....	-	-	-	-	-	-	-	4	5	-	28
Puerto Rico.....	-	-	-	-	-	-	-	19	27	-	16
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

\*Delayed reports: Hepatitis, infectious: N.C. delete 1  
Malaria: Iowa 2

# Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 12, 1971 AND JUNE 13, 1970 (23rd WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	Cumulative			Cumulative			1971	Cum. 1971	Total 1971	Paralytic	
	1971	1971	1970	1971	1971	1970				1971	1971
UNITED STATES.....	2,420	59,098	33,196	33	1,421	1,429	3,368	84,954	-	-	4
NEW ENGLAND.....	198	2,913	620	2	63	65	137	5,187	-	-	-
Maine.....	80	1,273	119	-	7	3	39	1,044	-	-	-
New Hampshire.*.....	19	171	42	2	10	5	15	611	-	-	-
Vermont.....	3	98	3	-	-	6	3	234	-	-	-
Massachusetts.....	22	265	325	-	26	27	34	1,232	-	-	-
Rhode Island.....	29	203	63	-	2	5	19	1,047	-	-	-
Connecticut.....	45	903	68	-	18	19	27	1,019	-	-	-
MIDDLE ATLANTIC.....	219	6,481	3,977	6	184	247	184	5,373	-	-	-
New York City.....	89	3,293	708	-	39	58	55	1,189	-	-	-
New York, Up-State...	14	450	178	1	45	49	NN	NN	-	-	-
New Jersey.*.....	55	1,012	1,538	2	45	96	54	1,520	-	-	-
Pennsylvania.....	61	1,726	1,553	3	55	44	75	2,664	-	-	-
EAST NORTH CENTRAL.....	860	12,649	7,919	5	156	166	1,685	34,845	-	-	-
Ohio.....	240	3,432	3,188	3	43	71	383	6,830	-	-	-
Indiana.....	144	2,321	234	-	15	17	106	4,778	-	-	-
Illinois.....	116	2,571	2,730	1	45	36	319	3,763	-	-	-
Michigan.....	187	1,651	1,083	1	43	36	362	8,136	-	-	-
Wisconsin.....	173	2,674	684	-	10	6	515	11,338	-	-	-
WEST NORTH CENTRAL.....	128	5,822	3,494	3	117	72	99	5,493	-	-	-
Minnesota.....	1	60	36	1	19	10	52	1,004	-	-	-
Iowa.....	16	2,150	1,006	-	7	10	24	2,767	-	-	-
Missouri.*.....	18	2,095	1,076	-	43	45	7	817	-	-	-
North Dakota.....	3	204	305	-	5	3	6	285	-	-	-
South Dakota.....	4	196	83	-	5	-	8	200	-	-	-
Nebraska.....	2	58	921	1	14	3	-	73	-	-	-
Kansas.....	84	1,059	67	1	24	1	2	347	-	-	-
SOUTH ATLANTIC.....	211	6,070	6,208	5	231	306	171	5,941	-	-	1
Delaware.....	1	33	249	-	2	3	1	126	-	-	-
Maryland.....	12	364	1,257	-	33	32	27	502	-	-	-
Dist. of Columbia....	-	12	333	-	8	1	2	74	-	-	-
Virginia.....	18	1,041	1,717	1	18	30	45	752	-	-	-
West Virginia.....	26	425	248	-	5	6	37	1,598	-	-	-
North Carolina.*.....	38	1,771	678	1	38	64	NN	NN	-	-	-
South Carolina.....	42	836	458	1	18	37	10	722	-	-	-
Georgia.....	1	183	11	1	21	28	1	3	-	-	1
Florida.....	73	1,405	1,257	1	88	105	48	2,164	-	-	-
EAST SOUTH CENTRAL.....	156	7,520	864	1	130	112	246	6,681	-	-	-
Kentucky.....	94	3,588	424	-	37	39	37	2,186	-	-	-
Tennessee.....	26	880	306	1	48	48	199	3,605	-	-	-
Alabama.....	36	1,677	65	-	26	20	10	792	-	-	-
Mississippi.....	-	1,375	69	-	19	5	-	98	-	-	-
WEST SOUTH CENTRAL.....	274	11,520	6,926	2	119	197	194	6,728	-	-	1
Arkansas.....	73	744	29	-	5	16	2	49	-	-	-
Louisiana.....	11	1,579	82	1	42	51	-	127	-	-	-
Oklahoma.....	2	731	393	-	6	12	1	173	-	-	-
Texas.....	188	8,466	6,422	1	66	118	191	6,379	-	-	1
MOUNTAIN.....	167	2,830	1,275	-	44	27	172	3,502	-	-	-
Montana.....	10	897	20	-	3	1	-	348	-	-	-
Idaho.....	11	232	30	-	6	4	-	109	-	-	-
Wyoming.....	-	83	10	-	2	1	9	274	-	-	-
Colorado.....	34	767	126	-	7	7	72	1,137	-	-	-
New Mexico.....	9	270	147	-	3	-	12	559	-	-	-
Arizona.....	26	331	893	-	8	12	33	939	-	-	-
Utah.....	77	247	28	-	12	2	46	136	-	-	-
Nevada.....	-	3	21	-	3	-	-	-	-	-	-
PACIFIC.....	207	3,293	1,913	9	377	237	480	11,204	-	-	2
Washington.....	58	791	351	1	18	34	198	4,962	-	-	1
Oregon.....	10	300	180	3	27	17	52	1,044	-	-	1
California.....	107	1,952	1,189	5	327	185	190	4,508	-	-	-
Alaska.*.....	---	51	100	---	-	-	---	68	---	---	-
Hawaii.....	32	199	93	-	5	1	40	622	-	-	-
Puerto Rico.....	67	307	803	1	2	3	40	713	-	-	-
Virgin Islands.*.....	2	7	6	-	-	1	5	22	-	-	-

\*Delayed reports: Measles: N.J. 3, Mo. 193, Alaska 20  
 Meningococcal infections: N.C. delete 1  
 Mumps: N.H. 1, Mo. 211, V.I. 5

## Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 12, 1971 AND JUNE 13, 1970 (23rd 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.....	1,300	32,286	2	41	2	40	7	112	16	63	71	2,022
NEW ENGLAND.....	47	1,394	-	3	-	-	-	6	-	-	1	158
Maine.....	-	241	-	-	-	-	-	-	-	-	1	150
New Hampshire.....	4	38	-	-	-	-	-	-	-	-	-	1
Vermont.....	1	64	-	-	-	-	-	-	-	-	-	7
Massachusetts.....	34	678	-	1	-	-	-	6	-	-	-	-
Rhode Island.....	2	77	-	-	-	-	-	-	-	-	-	-
Connecticut.....	6	296	-	2	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	97	2,192	1	5	-	-	3	18	1	3	2	83
New York City.....	24	406	1	5	-	-	-	7	-	-	-	-
New York, Up-State..	7	355	-	-	-	-	3	8	1	2	1	78
New Jersey.....	20	503	-	-	-	-	-	2	-	-	-	-
Pennsylvania.....	46	928	-	-	-	-	-	1	-	1	1	5
EAST NORTH CENTRAL....	464	7,035	-	5	1	2	-	10	1	4	4	183
Ohio.....	39	773	-	1	-	1	-	6	1	3	-	48
Indiana.....	198	1,698	-	1	-	-	-	1	-	-	2	44
Illinois.....	93	1,141	-	3	-	-	-	1	-	1	1	34
Michigan.....	81	2,298	-	-	-	-	-	2	-	-	-	29
Wisconsin.....	53	1,125	-	-	1	1	-	-	-	-	1	28
WEST NORTH CENTRAL....	58	2,455	-	3	-	6	-	1	-	-	28	486
Minnesota.....	1	255	-	1	-	-	-	-	-	-	6	96
Iowa.....	5	597	-	-	-	-	-	-	-	-	6	128
Missouri.....	50	1,106	-	2	-	6	-	1	-	-	3	85
North Dakota.....	1	86	-	-	-	-	-	-	-	-	2	88
South Dakota.....	-	93	-	-	-	-	-	-	-	-	-	32
Nebraska.....	1	75	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	243	-	-	-	-	-	-	-	-	11	57
SOUTH ATLANTIC.....	62	2,551	1	10	-	13	-	20	8	33	7	218
Delaware.....	-	43	-	-	-	-	-	1	-	-	-	-
Maryland.....	1	104	-	1	-	3	-	3	2	7	-	-
Dist. of Columbia...	-	6	-	-	-	-	-	-	-	-	-	-
Virginia.....	1	152	1	1	-	5	-	1	1	2	1	56
West Virginia.....	18	444	-	-	-	-	-	3	-	-	-	84
North Carolina.....	1	34	-	-	-	4	-	3	4	19	-	-
South Carolina.....	4	416	-	-	-	-	-	-	1	4	-	-
Georgia.....	-	-	-	2	-	-	-	2	-	1	4	50
Florida.....	37	1,352	-	6	-	1	-	7	-	-	2	28
EAST SOUTH CENTRAL....	110	2,833	-	7	-	7	2	10	4	11	7	216
Kentucky.....	29	1,035	-	-	-	2	-	3	1	4	1	118
Tennessee.....	75	1,557	-	4	-	2	2	5	2	4	5	65
Alabama.....	6	173	-	2	-	2	-	2	1	1	1	33
Mississippi.....	-	68	-	1	-	1	-	-	-	2	-	-
WEST SOUTH CENTRAL....	63	4,060	-	2	-	9	1	13	1	8	15	462
Arkansas.....	4	314	-	1	-	2	-	2	-	-	1	50
Louisiana.....	-	274	-	-	-	2	-	5	-	-	-	20
Oklahoma.....	3	53	-	-	-	4	-	2	-	6	4	220
Texas.....	56	3,419	-	1	-	1	1	4	1	2	10	172
MOUNTAIN.....	23	1,740	-	2	1	3	1	5	1	4	1	24
Montana.....	-	108	-	-	-	1	-	-	-	2	-	-
Idaho.....	1	35	-	1	-	-	-	-	-	-	-	-
Wyoming.....	3	857	-	-	-	-	-	-	-	-	-	7
Colorado.....	2	231	-	-	-	-	-	-	1	2	-	-
New Mexico.....	1	193	-	-	-	-	1	3	-	-	-	6
Arizona*.....	13	256	-	1	-	-	-	2	-	-	1	10
Utah.....	3	46	-	-	1	2	-	-	-	-	-	-
Nevada.....	-	14	-	-	-	-	-	-	-	-	-	1
PACIFIC.....	376	8,026	-	4	-	-	-	29	-	-	6	192
Washington.....	45	1,195	-	-	-	-	-	-	-	-	-	-
Oregon.....	35	618	-	-	-	-	-	-	-	-	-	-
California.....	291	6,068	-	4	-	-	-	28	-	-	6	158
Alaska.....	---	39	---	-	---	-	---	1	---	-	---	34
Hawaii.....	5	106	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	2	12	-	5	-	-	-	1	-	-	-	34
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-	-

\*Delayed reports: Rubella: Ariz. 2

# Morbidity and Mortality Weekly Report

213

Week No. **TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 12, 1971**

23

(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>	680	410	34	20	<b>SOUTH ATLANTIC:</b>	1,334	676	43	69
Boston, Mass.-----	203	106	14	9	Atlanta, Ga.-----	117	43	1	7
Bridgeport, Conn.-----	39	23	3	-	Baltimore, Md.-----	288	141	8	10
Cambridge, Mass.-----	21	18	5	-	Charlotte, N. C.-----	53	22	-	3
Fall River, Mass.-----	34	23	-	1	Jacksonville, Fla.-----	81	41	-	6
Hartford, Conn.-----	49	26	2	2	Miami, Fla.-----	108	57	6	2
Lowell, Mass.-----	24	15	-	-	Norfolk, Va.-----	60	30	2	6
Lynn, Mass.-----	12	6	-	-	Richmond, Va.-----	132	73	12	7
New Bedford, Mass.-----	30	24	1	-	Savannah, Ga.-----	60	28	2	8
New Haven, Conn.-----	59	33	-	2	St. Petersburg, Fla.-----	84	70	3	1
Providence, R. I.-----	62	40	5	1	Tampa, Fla.-----	75	44	3	6
Somerville, Mass.-----	8	4	-	-	Washington, D. C.-----	211	102	4	9
Springfield, Mass.-----	46	31	2	1	Wilmington, Del.-----	65	25	2	4
Waterbury, Conn.-----	42	33	-	-	<b>EAST SOUTH CENTRAL:</b>	627	361	26	35
Worcester, Mass.-----	51	28	2	4	Birmingham, Ala.-----	96	55	-	5
<b>MIDDLE ATLANTIC:</b>	3,415	2,013	114	116	Chattanooga, Tenn.-----	49	21	4	3
Albany, N. Y.-----	57	32	1	4	Knoxville, Tenn.-----	30	22	-	-
Allentown, Pa.-----	35	24	3	3	Louisville, Ky.-----	105	64	14	7
Buffalo, N. Y.-----	147	86	1	3	Memphis, Tenn.-----	157	90	2	10
Camden, N. J.-----	40	25	2	-	Mobile, Ala.-----	49	33	2	-
Elizabeth, N. J.-----	40	28	1	-	Montgomery, Ala.-----	41	26	4	3
Erie, Pa.-----	47	28	4	-	Nashville, Tenn.-----	100	50	-	7
Jersey City, N. J.-----	69	41	2	-	<b>WEST SOUTH CENTRAL:</b>	1,273	635	39	72
Newark, N. J.-----	83	32	1	3	Austin, Tex.-----	40	20	3	1
New York City, N. Y.-----	1,555	914	53	44	Baton Rouge, La.-----	60	28	3	5
Paterson, N. J.-----	56	35	6	3	Corpus Christi, Tex.-----	30	9	1	3
Philadelphia, Pa.-----	601	337	7	20	Dallas, Tex.-----	176	86	2	9
Pittsburgh, Pa.-----	226	122	8	15	El Paso, Tex.-----	60	26	5	7
Reading, Pa.-----	49	29	1	2	Fort Worth, Tex.-----	88	47	1	2
Rochester, N. Y.-----	134	89	13	9	Houston, Tex.-----	220	100	3	14
Schenectady, N. Y.-----	27	21	4	1	Little Rock, Ark.-----	51	23	5	3
Scranton, Pa.-----	49	36	2	1	New Orleans, La.-----	151	70	4	13
Syracuse, N. Y.-----	94	61	2	2	Oklahoma City, Okla.-----	107	63	2	5
Trenton, N. J.-----	41	29	-	4	San Antonio, Tex.-----	135	75	3	6
Utica, N. Y.-----	25	18	1	-	Shreveport, La.-----	60	31	1	1
Yonkers, N. Y.-----	40	26	2	2	Tulsa, Okla.-----	95	57	6	3
<b>EAST NORTH CENTRAL:</b>	2,831	1,599	80	148	<b>MOUNTAIN:</b>	524	298	21	30
Akron, Ohio-----	82	43	-	4	Albuquerque, N. Mex.-----	44	20	6	1
Canton, Ohio-----	42	30	1	2	Colorado Springs, Colo.-----	29	19	-	1
Chicago, Ill.-----	745	398	20	38	Denver, Colo.-----	160	91	4	11
Cincinnati, Ohio-----	169	105	2	5	Ogden, Utah-----	16	13	3	-
Cleveland, Ohio-----	232	125	5	11	Phoenix, Ariz.-----	120	64	2	7
Columbus, Ohio-----	187	91	-	11	Pueblo, Colo.-----	30	22	4	2
Dayton, Ohio-----	112	64	6	4	Salt Lake City, Utah-----	61	38	1	6
Detroit, Mich.-----	369	193	10	33	Tucson, Ariz.-----	64	31	1	2
Evansville, Ind.-----	54	40	1	-	<b>PACIFIC:</b>	1,747	1,061	31	56
Flint, Mich.-----	50	21	3	2	Berkeley, Calif.-----	17	13	-	-
Fort Wayne, Ind.-----	42	23	2	2	Fresno, Calif.-----	40	19	4	3
Gary, Ind.-----	46	21	8	6	Glendale, Calif.-----	37	27	-	1
Grand Rapids, Mich.-----	55	39	3	1	Honolulu, Hawaii-----	64	36	1	5
Indianapolis, Ind.-----	179	93	2	16	Long Beach, Calif.-----	91	53	2	-
Madison, Wis.-----	33	18	3	-	Los Angeles, Calif.-----	578	366	8	10
Milwaukee, Wis.-----	131	94	5	-	Oakland, Calif.-----	83	55	-	4
Peoria, Ill.-----	37	23	1	3	Pasadena, Calif.-----	28	17	-	2
Rockford, Ill.-----	43	26	1	2	Portland, Oreg.-----	132	85	-	5
South Bend, Ind.-----	51	34	4	1	Sacramento, Calif.-----	66	33	-	5
Toledo, Ohio-----	116	76	2	7	San Diego, Calif.-----	118	72	1	4
Youngstown, Ohio-----	56	42	1	-	San Francisco, Calif.-----	152	78	3	2
<b>WEST NORTH CENTRAL:</b>	904	527	24	52	San Jose, Calif.-----	39	20	1	1
Des Moines, Iowa-----	64	39	5	4	Seattle, Wash.-----	198	121	7	10
Duluth, Minn.-----	24	15	-	2	Spokane, Wash.-----	59	38	1	2
Kansas City, Kans.-----	72	28	3	9	Tacoma, Wash.-----	45	28	3	2
Kansas City, Mo.-----	136	84	4	7	<b>Total</b>	<b>13,335</b>	<b>7,580</b>	<b>412</b>	<b>598</b>
Lincoln, Nebr.-----	35	21	-	3	<b>Expected Number</b>	<b>12,591</b>	<b>7,199</b>	<b>415</b>	<b>522</b>
Minneapolis, Minn.-----	125	70	3	7	<b>Cumulative Total</b> (includes reported corrections for previous weeks)	<b>306,352</b>	<b>177,638</b>	<b>12,203</b>	<b>13,610</b>
Omaha, Nebr.-----	109	52	1	10					
St. Louis, Mo.-----	207	122	6	4					
St. Paul, Minn.-----	74	53	1	4					
Wichita, Kans.-----	58	43	1	2					
Las Vegas, Nev.*	19	8	2	-	*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 May 1970 and May 1971 - Provisional Data

Reporting Area	May		Cumulative		Reporting Area	May		Cumulative	
	1971	1970	Jan. - May	1970		1971	1970	Jan. - May	1970
NEW ENGLAND.....	42	44	259	227	EAST SOUTH CENTRAL.....	107	69	464	277
Maine.....	-	2	4	7	Kentucky.....	24	24	137	75
New Hampshire.....	1	-	2	2	Tennessee.....	33	16	133	78
Vermont.....	-	-	1	1	Alabama.....	27	7	67	51
Massachusetts.....	27	21	132	133	Mississippi.....	23	22	127	73
Rhode Island.....	4	6	18	21	WEST SOUTH CENTRAL.....	298	309	1,639	1,442
Connecticut.....	10	15	102	63	Arkansas.....	27	30	111	104
MIDDLE ATLANTIC.....	442	476	2,429	2,194	Louisiana.....	48	70	276	290
Upstate New York.....	33	31	190	155	Oklahoma.....	8	5	36	35
New York City.....	295	357	1,647	1,598	Texas.....	215	204	1,216	1,013
Pa. (Excl. Phila.).....	9	8	62	51	MOUNTAIN.....	61	43	225	235
Philadelphia.....	23	18	81	81	Montana.....	-	-	-	1
New Jersey.....	82	62	449	309	Idaho.....	-	-	-	1
EAST NORTH CENTRAL.....	224	181	1,084	1,043	Wyoming.....	-	-	1	-
Ohio.....	44	29	209	162	Colorado.....	10	3	24	23
Indiana.....	28	35	138	199	New Mexico.....	16	14	49	51
Downstate Illinois.....	7	8	57	52	Arizona.....	23	7	88	97
Chicago.....	67	60	337	349	Utah.....	1	1	9	5
Michigan.....	76	41	315	239	Nevada.....	11	18	54	57
Wisconsin.....	2	8	28	42	PACIFIC.....	233	193	1,270	989
WEST NORTH CENTRAL.....	33	45	191	225	Washington.....	6	5	56	22
Minnesota.....	4	11	28	41	Oregon.....	1	5	7	13
Iowa.....	1	4	4	8	California.....	214	182	1,185	947
Missouri.....	19	22	115	113	Alaska.....	12	-	18	3
North Dakota.....	1	1	2	3	Hawaii.....	-	1	4	4
South Dakota.....	-	1	5	7	U. S. TOTAL.....	1,886	1,802	9,865	8,664
Nebraska.....	4	1	13	12	TERRITORIES.....	73	75	358	435
Kansas.....	4	5	24	41	Puerto Rico.....	71	71	348	418
SOUTH ATLANTIC.....	446	442	2,304	2,032	Virgin Islands.....	2	4	10	17
Delaware.....	2	9	17	63					
Maryland.....	51	31	230	194					
District of Columbia.....	38	47	234	203					
Virginia.....	33	25	155	107					
West Virginia.....	5	1	14	8					
North Carolina.....	44	50	196	228					
South Carolina.....	18	32	115	157					
Georgia.....	110	111	580	513					
Florida.....	145	136	763	559					

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.

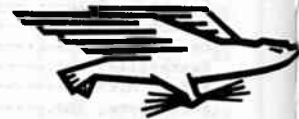
In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting outbreaks or case investigations of current interest to health officials.

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