



Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE
DATE OF RELEASE: MAY 30, 1975 - ATLANTA, GEORGIA 30333

EPIDEMIOLOGIC NOTES AND REPORTS
RUBELLA SURVEILLANCE - United States

A total of 10,731 cases of rubella have been reported in the United States in the first 20 weeks of 1975. This represents a 47.2% decrease from the median number of cases reported (20,316) for the 5-year period 1970-74. However, there was an increase of 61.1% over the corresponding period of 1974, a record low year (Figure 1). The incidence of reported congenital rubella syndrome (CRS) continues to decline. Four infants born in 1975 with CRS have been reported thus far to the National Registry for Congenital Rubella Syndrome at CDC. To date, 18 cases of CRS have been reported in children born in 1974 and 35 cases in those born in 1973. The United States Immunization Survey for 1974 shows that 62.5% of the 1-12 year old population has received rubella vaccine and 75.5% give a history of either

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natural rubella infection or vaccination (Table 1) (1).
(Reported by Immunization Division, Bureau of State Services, CDC.)

Editorial Note

Before the availability of rubella vaccine, the incidence of the disease varied widely; nationwide epidemics occurred

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

DISEASE	21st WEEK ENDING		MEDIAN 1970-1974	CUMULATIVE, FIRST 21 WEEKS		
	May 24, 1975	May 25, 1974		1975	1974	MEDIAN 1970-1974
Aseptic meningitis	57	44	42	762	748	752
Brucellosis	7	4	4	75	54	55
Chickenpox	4,778	3,733	--	92,059	79,737	--
Diphtheria	3	6	2	178	118	88
Encephalitis	14	12	17	261	342	417
	Primary	4	6	116	94	112
Post-Infectious	246	203	181	4,455	3,684	3,496
Hepatitis, Viral	Type B	661	774	14,555	17,820	22,744
	Type A	150	140	3,237	3,527	--
	Type unspecified	8	3	8	106	532
Malaria	946	619	1,136	14,505	14,533	20,470
Measles (rubeola)	25	25	25	705	668	716
Meningococcal infections, total	25	25	25	688	648	699
	Civilian	--	--	--	20	30
Military	1,808	1,355	1,756	34,705	34,546	44,842
Mumps	23	14	--	493	505	--
Pertussis	635	360	1,118	11,387	7,020	21,434
Rubella (German measles)	2	1	4	24	22	36
Tetanus	646	682	--	12,928	12,110	--
Tuberculosis	3	--	1	29	34	34
Tularemia	9	7	7	99	129	116
Typhoid fever	38	35	10	109	110	54
Typhus, tick-borne (Rky. Mt. spotted fever)	--	--	--	--	--	--
Venereal Diseases:						
Gonorrhea (Civilian)	19,622	16,756	--	377,381	324,789	--
Military	626	574	--	11,694	11,346	--
Syphilis, primary and secondary (Civilian)	459	487	--	10,392	9,950	--
Military	3	9	--	140	182	--
Total	67	64	64	931	1,222	1,524

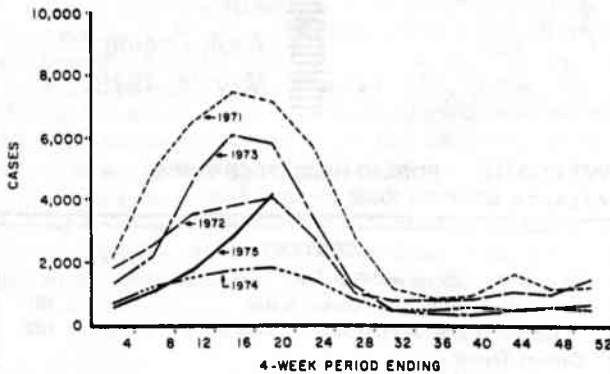
TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	--	Poliomyelitis, total:	2
Botulism:	9	Paralytic:	1
Congenital rubella syndrome:	8	Psittacosis:	14
Leprosy: Fla. 1, N.J. 1, N.Y. Ups. 1	86	Rabies in man:	1
Leptospirosis:	14	Trichinosis: N.J. 2, N.Y. Ups.	43
Plague:	1	Typhus, murine:	6

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RUBELLA - Continued

Figure 1
REPORTED CASES OF RUBELLA, BY 4-WEEK PERIODS
UNITED STATES, 1971-1975



every 6 to 9 years (Figure 2), the last being the pandemic of 1963-64. The current increase compared to 1974 data reflects the natural periodicity of the disease and is consistent with a long-term downward trend brought about by widespread vaccine immunity in pre-pubertal children.

Information from areas that collect age-specific rubella morbidity data indicates a relatively higher proportion of rubella cases occurring in adolescents and young adults than previously noted. The overall incidence in all age groups, however, is lower since the licensure of rubella vaccine (2). A number of states have reported outbreaks in high school and college populations this year, with clinical attack rates

Table 1
History of Rubella Vaccination and Rubella Infection
in 1-12 Year Olds - United States, 1974

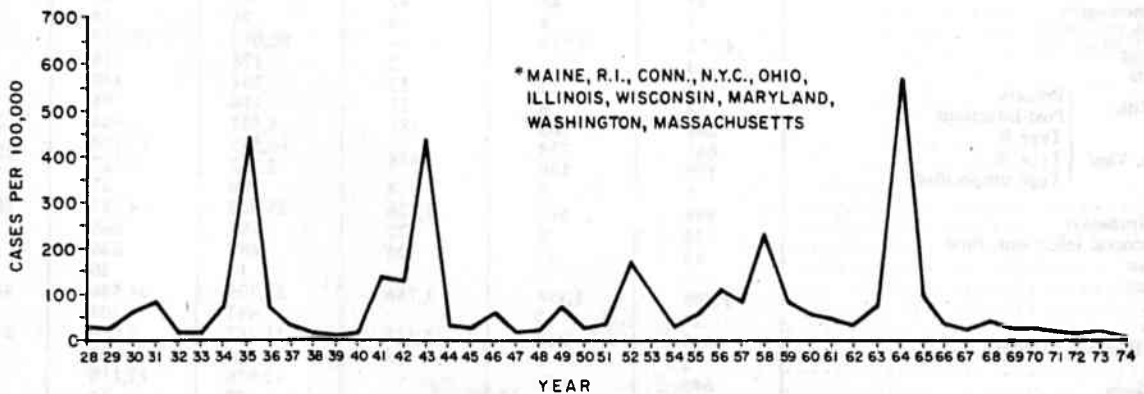
Age Group	History of Infection	History of Vaccine	History of Infection and/or Vaccine
1-4	12.2	59.8	66.0
5-9	23.3	68.0	79.8
10-12	37.0	57.5	79.6
1-12	23.8	62.5	75.5

ranging from 3 to 20 percent. Investigations of high school outbreaks frequently reveal higher attack rates in the higher grades (11th and 12th) than in the lower (9th and 10th). In most cases, this is presumed to be due to higher vaccine-induced immunity levels in the younger students, who more likely received rubella vaccine in the widespread elementary school immunization campaigns of 4-5 years ago. No cases of rubella have been reported in students who have received rubella vaccine. Little transmission to the surrounding community has been documented, and exposure of only a few pregnant women has been recorded. Investigation of high school and college outbreaks should focus on identifying exposed pregnant women, especially young school teachers who may be at high risk.

References

1. Center for Disease Control and Bureau of the Census: United States Immunization Survey, 1974. April, 1975
2. Modlin JF, Brandling-Bennett AD, Witte JJ, et al: A review of five years' experience with rubella vaccine in the United States. *Pediatrics* 55:20-29, 1975

Figure 2
RUBELLA INCIDENCE, TEN SELECTED AREAS*
UNITED STATES, 1928-1974



* MAINE, R.I., CONN., N.Y.C., OHIO,
ILLINOIS, WISCONSIN, MARYLAND,
WASHINGTON, MASSACHUSETTS

CARBON MONOXIDE POISONING - Arizona

On the evening of November 7, 1973, 2 21-year-old soldiers were found unconscious in their home, where the temperature was 43°C. Although codeine and Darvon* were present, neither soldier was a known drug user. Upon arrival at the Raymond L Bliss Army Hospital, one of the soldiers was pronounced dead and was noted to have a pink discoloration of his anterior chest and face and a few petechiae.

*Inclusion of trade name does not imply endorsement by the Public Health Service or the U.S. Department of Health, Education, and Welfare.

The other soldier, still unconscious, had several convulsions that were controlled by valium. His admission vital signs were blood pressure 140/80, respiration 28, pulse 120, and temperature 30°C. White blood count on admission was 22,790 with a pO₂ of 55, pCO₂ of 21, and O₂ saturation 86%. By the second hospital day, he was beginning to regain consciousness, and he continued to full recovery. In July 1974, he was given an Army Classification Battery, similar to that which he had taken on entry into the Army approximately 2 years

(Continued on page 187)

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**TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MAY 24, 1975 AND MAY 25, 1974 (21st WEEK)**

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS, VIRAL			MALARIA	
						Primary: Arthropod- borne and Unspecified		Post In- fectious	Type B	Type A	Type Unspecified		
						1975	1974	1975	1975	1975	1975		
UNITED STATES	57	7	4,778	3	178	14	12	4	246	661	150	8	106
NEW ENGLAND	1	-	406	-	-	-	-	-	3	23	11	-	4
Maine *	-	-	7	-	-	-	-	-	-	-	-	-	1
New Hampshire *	-	-	36	-	-	-	-	-	-	4	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	1	-	155	-	-	-	-	-	2	6	11	-	2
Rhode Island	-	-	51	-	-	-	-	-	1	5	-	-	-
Connecticut	-	-	157	-	-	-	-	-	-	8	-	-	1
MIDDLE ATLANTIC	6	1	314	-	-	2	2	1	30	88	34	1	17
Upstate New York	1	-	114	-	-	-	1	1	8	36	6	1	5
New York City	1	-	196	-	-	1	1	-	3	16	-	-	7
New Jersey	4	-	NN	-	-	-	-	-	13	18	25	-	3
Pennsylvania *	-	1	4	-	-	1	-	-	6	18	3	-	2
EAST NORTH CENTRAL	4	-	2,481	-	2	1	4	1	39	126	18	1	2
Ohio *	-	-	265	-	-	-	1	-	-	25	-	-	-
Indiana	-	-	146	-	-	-	1	-	7	10	-	-	-
Illinois	-	-	487	-	1	1	-	-	13	35	6	1	2
Michigan	4	-	892	-	1	-	2	1	13	51	12	-	-
Wisconsin	-	-	691	-	-	-	-	-	6	5	-	-	-
WEST NORTH CENTRAL	2	-	222	-	6	2	1	-	13	38	8	1	4
Minnesota *	-	-	6	-	-	-	-	-	6	14	-	1	2
Iowa	-	-	186	-	-	-	-	-	2	2	1	-	-
Missouri *	-	-	24	-	-	1	1	-	5	12	7	-	2
North Dakota	-	-	1	-	6	-	-	-	-	2	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	1	-	-	-
Nebraska	-	-	5	-	-	-	-	-	-	-	-	-	-
Kansas	2	-	-	-	-	1	-	-	-	7	-	-	-
SOUTH ATLANTIC	6	3	452	-	-	2	1	-	40	61	22	-	13
Delaware	-	-	12	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	7	-	-	-	-	-	4	7	-	-	1
District of Columbia	-	-	59	-	-	-	-	-	3	1	-	-	2
Virginia	-	3	57	-	-	-	1	-	2	9	5	-	4
West Virginia	-	-	180	-	-	-	-	-	-	4	-	-	1
North Carolina	-	-	NN	-	-	-	-	-	6	19	3	-	3
South Carolina	-	-	21	-	-	-	-	-	-	5	5	-	-
Georgia	-	-	9	-	-	-	-	-	-	8	-	-	-
Florida	6	-	107	-	-	2	-	-	25	8	9	-	2
EAST SOUTH CENTRAL	1	-	250	-	-	-	-	1	18	52	1	-	8
Kentucky	-	-	189	-	-	-	-	-	4	12	-	-	4
Tennessee	1	-	NN	-	-	-	-	1	6	27	1	-	-
Alabama	-	-	53	-	-	-	-	-	6	7	-	-	3
Mississippi	-	-	8	-	-	-	-	-	2	6	-	-	1
WEST SOUTH CENTRAL	21	2	248	-	1	-	2	1	16	68	12	-	12
Arkansas	-	2	-	-	-	-	-	-	1	2	5	-	1
Louisiana *	2	-	NN	-	-	-	1	1	7	5	2	-	-
Oklahoma	1	-	30	-	-	-	1	-	-	8	1	-	1
Texas	18	-	218	-	1	-	-	-	8	53	4	-	10
MOUNTAIN	1	-	71	-	14	-	-	-	8	55	12	-	10
Montana	-	-	21	-	-	-	-	-	-	1	-	-	-
Idaho	-	-	2	-	-	-	-	-	-	6	-	-	-
Wyoming	-	-	2	-	-	-	-	-	-	2	1	-	-
Colorado	-	-	45	-	-	-	-	-	3	8	8	-	8
New Mexico	1	-	-	-	1	-	-	-	-	3	-	-	-
Arizona	-	-	-	-	13	-	-	-	3	14	2	-	2
Utah	-	-	-	-	-	-	-	-	2	20	1	-	-
Nevada	-	-	1	-	-	-	-	-	-	1	-	-	-
PACIFIC	15	1	334	3	155	7	2	-	79	150	32	5	36
Washington	-	-	222	3	149	1	-	-	8	11	2	-	2
Oregon	-	-	2	-	-	-	-	-	8	6	1	-	-
California *	14	1	-	-	2	6	2	-	57	131	29	5	31
Alaska	1	-	13	-	4	-	-	-	-	-	-	-	-
Hawaii	-	-	97	-	-	-	-	-	6	2	-	-	3
Guam	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	20	-	-	-	-	-	3	18	-	-	1
Virgin Islands	-	-	1	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Brucellosis: Pa. 1
 Chickenpox: Me. 24, N.H. 2, Pa. 4, Mo. 221, Calif. 38
 Encephalitis, primary: Minn. delete 1
 Encephalitis, post: Minn. 1

Hepatitis B: Pa. 8, Ohio 1
 Hepatitis A: Pa. 11, Ohio delete 1, La. delete 1
 Hepatitis unspecified: Pa. 4

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MAY 24, 1975 AND MAY 25, 1974 (21st WEEK) - Continued

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1975	Cumulative		1975	Cumulative		1975	Cum. 1975	1975	1975	Cum. 1975	Cum. 1975
		1975	1974		1975	1974						
UNITED STATES	946	14,505	14,533	25	705	668	1,808	34,705	23	635	11,387	24
NEW ENGLAND	38	188	667	1	41	39	57	1,190	-	99	1,720	-
Maine	-	7	27	-	5	2	1	61	-	-	24	-
New Hampshire	-	19	206	-	1	7	1	59	-	1	292	-
Vermont	3	36	55	-	-	1	-	5	-	10	55	-
Massachusetts *	6	60	231	1	13	11	10	141	-	72	1,014	-
Rhode Island	-	1	57	-	3	7	8	450	-	-	18	-
Connecticut	29	65	91	-	19	11	37	474	-	16	317	-
MIDDLE ATLANTIC	76	967	5,710	6	72	83	75	1,625	-	92	1,283	4
Upstate New York	20	289	229	2	23	37	26	680	-	4	109	-
New York City	5	92	333	3	15	13	22	382	-	7	117	1
New Jersey *	35	338	4,563	-	10	25	11	274	-	66	844	3
Pennsylvania	16	248	585	1	24	8	16	289	-	15	213	-
EAST NORTH CENTRAL	297	4,296	5,755	7	105	82	743	14,860	12	222	2,899	-
Ohio	2	81	2,565	2	21	27	86	1,420	-	43	448	-
Indiana	5	307	168	-	5	8	73	1,765	-	11	509	-
Illinois	91	983	1,233	-	18	10	119	1,649	3	12	202	-
Michigan	162	2,247	1,494	4	49	25	295	6,631	6	96	1,124	-
Wisconsin	37	678	295	1	12	12	170	3,395	3	60	616	-
WEST NORTH CENTRAL	84	3,885	539	-	38	50	128	2,706	2	33	1,279	1
Minnesota	-	-	76	-	8	17	-	32	-	1	21	-
Iowa	7	355	67	-	5	10	114	857	-	-	9	-
Missouri *	34	192	192	-	20	11	13	790	2	31	705	1
North Dakota	21	917	25	-	-	2	1	367	-	-	58	-
South Dakota	6	338	27	-	1	2	-	4	-	-	4	-
Nebraska	16	331	2	-	1	1	-	28	-	1	10	-
Kansas	-	1,752	150	-	3	7	-	628	-	-	472	-
SOUTH ATLANTIC	33	183	378	3	133	131	84	2,277	1	60	1,249	8
Delaware	12	20	6	-	4	3	-	7	-	4	16	-
Maryland	17	17	21	1	15	15	7	76	-	-	1	-
District of Columbia	-	-	3	-	4	-	9	74	-	-	-	-
Virginia	4	20	19	-	14	23	27	549	-	5	233	-
West Virginia	-	103	98	-	4	6	33	864	-	6	157	-
North Carolina	-	-	2	1	27	29	4	54	1	-	26	3
South Carolina	-	1	36	-	15	12	3	32	-	30	678	1
Georgia	-	2	2	-	8	5	1	7	-	-	-	-
Florida	-	20	191	1	42	38	-	614	-	15	138	4
EAST SOUTH CENTRAL	10	202	96	5	102	75	185	3,063	3	29	703	2
Kentucky	6	75	73	4	45	34	67	1,165	2	16	175	1
Tennessee	4	117	6	-	36	32	63	1,401	1	12	502	-
Alabama	-	3	5	1	13	9	17	298	-	1	19	-
Mississippi	-	7	12	-	8	-	38	199	-	-	7	1
WEST SOUTH CENTRAL	6	136	136	2	112	121	148	3,106	3	8	546	5
Arkansas	-	-	4	-	5	9	-	24	3	-	-	-
Louisiana *	1	1	11	-	23	21	18	293	-	1	204	2
Oklahoma	-	20	19	-	8	12	10	102	-	1	75	1
Texas	5	115	102	2	76	79	120	2,687	-	6	267	2
MOUNTAIN	45	938	585	-	26	16	45	556	-	4	389	-
Montana	-	11	314	-	3	1	-	9	-	1	230	-
Idaho	-	4	49	-	4	2	-	7	-	1	35	-
Wyoming	-	-	1	-	-	2	-	-	-	-	-	-
Colorado	34	865	26	-	8	2	41	397	-	-	95	-
New Mexico	2	6	44	-	3	2	-	16	-	-	12	-
Arizona	8	32	10	-	1	4	-	-	-	-	2	-
Utah	-	4	1	-	6	1	-	59	-	-	9	-
Nevada	1	16	140	-	1	2	4	68	-	2	6	-
PACIFIC	357	3,710	667	1	76	71	343	5,322	2	88	1,319	4
Washington	15	127	47	-	13	7	152	2,798	-	11	221	-
Oregon	24	137	-	1	4	8	41	425	-	8	102	-
California	318	3,400	567	-	58	51	147	2,046	2	68	986	4
Alaska	-	-	-	-	-	2	-	35	-	1	1	-
Hawaii	-	46	53	-	1	3	3	18	-	-	9	-
Guam	-	7	6	-	1	1	-	16	-	-	3	-
Puerto Rico	22	383	407	-	1	2	16	478	6	-	14	10
Virgin Islands	-	6	17	-	-	-	8	182	-	-	3	2

*Delayed reports: Measles: Mass. delete 2, Pa. 38, Mo. 2
Meningococcal infections: N.J. 6, Pa. 1, Mo. 1Mumps: Pa. 12, Mo. 39, La. delete 1
Rubella: Pa. 18, Mo. 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MAY 24, 1975 AND MAY 25, 1974 (21st WEEK) - Continued

AREA	TUBERCULOSIS		TULA- REMI A	TYPHOID FEVER		TYPHUS-FEVER TICK-BORNE (Rky. Mt. spotted fever)		VENEREAL DISEASES (Civilian Cases Only)						RABIES IN ANIMALS
	1975	Cum. 1975	Cum. 1975	1975	Cum. 1975	1975	Cum. 1975	GONORRHEA		SYPHILIS (Pri. & Sec.)		Cum. 1975		
								1975	Cumulative	1975	Cumulative			
													1975	
UNITED STATES	646	12,928	29	9	99	38	109	19,622	377,381	342,789	459	10,392	9,950	931
NEW ENGLAND	30	502	-	-	8	-	-	536	10,340	8,626	16	372	364	22
Maine	1	34	-	-	-	-	-	35	675	658	-	8	13	18
New Hampshire	-	16	-	-	-	-	-	11	288	252	-	10	6	-
Vermont	-	9	-	-	-	-	-	-	228	244	-	4	1	-
Massachusetts	17	279	-	-	4	-	-	305	4,997	4,104	14	247	262	2
Rhode Island	2	51	-	-	-	-	-	39	788	706	-	4	6	1
Connecticut	10	113	-	-	4	-	-	146	3,364	2,662	2	99	76	1
MIDDLE ATLANTIC	92	2,286	2	3	19	1	2	1,583	44,125	41,929	90	1,931	2,181	26
Upstate New York	14	376	1	-	3	1	2	291	7,834	7,846	9	185	219	20
New York City	36	937	-	2	9	-	-	459	19,126	18,020	42	1,096	1,251	-
New Jersey	22	436	1	-	3	-	-	298	5,974	6,048	17	310	358	-
Pennsylvania *	20	537	-	1	4	-	-	535	11,191	10,015	22	340	353	6
EAST NORTH CENTRAL	75	1,827	-	1	11	-	2	2,765	62,627	54,346	24	828	827	31
Ohio	11	543	-	-	2	-	1	652	16,896	14,639	11	192	112	4
Indiana	26	241	-	-	-	-	-	467	5,849	5,005	-	54	75	1
Illinois	15	461	-	1	8	-	1	752	21,461	17,368	9	398	430	10
Michigan *	21	538	-	-	1	-	-	610	12,324	12,581	3	140	170	1
Wisconsin	2	44	-	-	-	-	-	284	6,097	4,753	1	44	40	15
WEST NORTH CENTRAL	33	473	7	-	5	-	1	1,010	18,633	17,527	12	231	240	204
Minnesota	2	57	-	-	2	-	-	140	3,795	3,761	6	48	31	55
Iowa	3	49	1	-	-	-	-	254	2,574	2,431	1	10	16	39
Missouri	9	239	4	-	3	-	1	296	6,805	5,784	4	127	159	14
North Dakota	-	5	-	-	-	-	-	15	287	279	-	3	3	52
South Dakota	7	24	-	-	-	-	-	23	735	780	-	3	2	14
Nebraska	2	20	-	-	-	-	-	103	1,601	1,440	-	4	3	4
Kansas	10	79	2	-	-	-	-	179	2,836	3,052	1	36	26	26
SOUTH ATLANTIC	158	2,970	8	1	8	23	63	4,311	92,305	86,609	142	3,231	3,116	135
Delaware	1	62	-	-	-	-	-	88	1,312	1,220	2	37	31	-
Maryland	24	476	-	-	1	-	-	609	10,469	8,230	13	245	318	-
District of Columbia	7	155	-	-	-	-	-	317	5,786	8,066	20	264	262	-
Virginia	21	357	4	-	2	6	17	316	9,293	7,801	5	247	342	67
West Virginia	3	105	-	-	-	-	-	21	1,124	976	-	10	8	2
North Carolina	21	473	-	-	2	10	22	620	13,390	11,744	27	419	364	1
South Carolina	15	176	2	-	2	5	22	350	8,511	8,952	5	220	272	6
Georgia	41	439	2	-	2	2	2	1,199	17,037	16,061	14	431	479	50
Florida	25	727	-	1	1	-	-	791	25,383	23,559	56	1,358	1,040	9
EAST SOUTH CENTRAL	72	1,130	4	-	8	4	10	1,754	31,097	29,371	25	477	502	88
Kentucky	25	190	1	-	6	-	1	243	3,958	3,639	9	75	115	64
Tennessee	26	440	3	-	1	4	8	574	12,417	11,470	6	166	195	13
Alabama	9	338	-	-	-	-	1	528	8,380	8,188	4	130	97	11
Mississippi	12	162	-	-	1	-	-	409	6,342	6,074	6	106	95	-
WEST SOUTH CENTRAL	15	1,404	6	-	2	9	30	2,375	47,373	45,114	29	892	894	245
Arkansas	3	199	4	-	-	-	3	192	4,969	4,814	1	24	48	27
Louisiana *	11	200	-	-	-	-	-	456	8,830	9,689	3	203	265	3
Oklahoma	-	127	2	-	-	8	23	203	4,369	3,631	-	39	57	56
Texas	1	878	-	-	2	1	4	1,524	29,205	26,980	25	626	524	159
MOUNTAIN	36	377	1	1	4	-	-	695	14,675	12,649	14	270	228	90
Montana	1	15	-	-	-	-	-	24	799	716	-	3	1	64
Idaho	2	10	-	-	-	-	-	45	754	737	-	7	3	-
Wyoming	1	10	1	-	1	-	-	32	374	289	-	4	2	4
Colorado	23	77	-	-	-	-	-	193	3,797	3,495	2	51	53	-
New Mexico	1	56	-	-	1	-	-	157	2,648	1,739	7	78	37	14
Arizona	8	163	-	1	2	-	-	199	3,892	3,608	5	95	97	8
Utah	-	14	-	-	-	-	-	30	880	659	-	6	5	-
Nevada	-	32	-	-	-	-	-	15	1,531	1,406	-	26	30	-
PACIFIC	135	1,959	1	3	34	1	1	4,593	56,206	46,618	107	2,160	1,598	90
Washington	2	147	1	-	3	1	1	235	5,074	4,539	-	69	51	-
Oregon	2	76	-	-	-	-	-	185	4,124	4,083	-	47	35	1
California	114	1,515	-	3	31	-	-	4,072	44,760	36,122	99	2,018	1,495	86
Alaska *	-	10	-	-	-	-	-	71	1,364	982	-	1	-	3
Hawaii	17	211	-	-	-	-	-	30	884	892	8	25	17	-
Guam	-	25	-	-	-	-	-	-	165	---	-	2	---	-
Puerto Rico	16	229	-	-	-	-	-	63	1,211	1,298	13	292	367	26
Virgin Islands	-	3	-	-	-	-	-	2	65	310	-	13	27	-

*Delayed reports: Tuberculosis: Pa. 26, Mich. delete 4, Alaska delete 1
Gonorrhea: Pa. 469, La. delete 1

Syphilis: Pa. 66
Rabies: Pa. 2

Morbidity and Mortality Weekly Report

Week No. 21

TABLE IV. DEATHS IN 121 UNITED STATES CITIES FOR WEEK ENDING MAY 24, 1975

(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	45-64 years	25-44 years	Under 1 year			All Ages	65 years and over	45-64 years	25-44 years	Under 1 year	
NEW ENGLAND	642	388	170	36	33	34	SOUTH ATLANTIC	1,103	619	324	67	60	36
Boston, Mass.	187	107	49	17	10	8	Atlanta, Ga.	126	61	44	8	7	2
Bridgeport, Conn.	40	27	9	2	-	4	Baltimore, Md.	235	130	72	19	9	2
Cambridge, Mass.	19	12	5	1	-	2	Charlotte, N. C.	47	26	11	4	4	1
Fall River, Mass.	21	14	4	2	1	1	Jacksonville, Fla.	58	37	10	3	5	2
Hartford, Conn.	58	36	12	5	3	2	Miami, Fla.	116	72	31	5	4	3
Lowell, Mass.	28	17	9	2	-	2	Norfolk, Va.	56	32	15	2	6	5
Lynn, Mass.	17	10	4	1	1	-	Richmond, Va.	85	43	36	3	2	7
New Bedford, Mass.	25	17	6	1	-	-	Savannah, Ga.	30	13	12	1	2	1
New Haven, Conn.	59	27	19	1	11	1	St. Petersburg, Fla.	79	63	15	-	1	1
Providence, R. I.	57	30	21	1	4	1	Tampa, Fla.	84	43	23	9	5	4
Somerville, Mass.	8	6	2	-	-	-	Washington, D. C.	127	66	33	11	14	6
Springfield, Mass.	45	28	15	-	1	7	Wilmington, Del.	60	33	22	2	1	4
Waterbury, Conn.	36	25	9	1	-	2	EAST SOUTH CENTRAL	654	364	172	49	40	31
Worcester, Mass.	42	32	6	2	2	4	Birmingham, Ala.	107	60	28	8	8	6
MIDDLE ATLANTIC	2,816	1,730	748	170	81	109	Chattanooga, Tenn.	54	33	13	7	-	4
Albany, N. Y.	47	28	14	3	2	1	Knoxville, Tenn.	42	29	11	1	-	-
Allentown, Pa.	25	20	4	1	-	-	Louisville, Ky.	115	63	31	9	9	10
Buffalo, N. Y.	133	85	33	5	3	9	Memphis, Tenn.	138	74	39	7	13	3
Camden, N. J.	30	18	11	1	-	2	Mobile, Ala.	53	29	11	5	4	1
Elizabeth, N. J.	29	18	7	1	2	2	Montgomery, Ala.	46	24	13	5	2	3
Erie, Pa.	43	24	9	2	1	2	Nashville, Tenn.	99	52	26	7	4	4
Jersey City, N. J.	49	34	9	5	-	-	WEST SOUTH CENTRAL	1,200	649	323	92	59	25
Newark, N. J.	66	25	23	6	4	4	Austin, Tex.	39	21	10	3	2	1
New York City, N. Y. †	1,478	907	383	108	42	44	Baton Rouge, La.	77	46	23	6	-	-
Paterson, N. J.	32	22	7	1	-	4	Corpus Christi, Tex.	35	18	12	2	2	1
Philadelphia, Pa.	296	175	85	19	7	5	Dallas, Tex.	156	74	45	14	12	2
Pittsburgh, Pa.	182	111	52	8	9	18	El Paso, Tex.	49	26	10	4	6	2
Reading, Pa.	30	19	9	-	2	1	Fort Worth, Tex.	87	53	25	3	2	-
Rochester, N. Y.	111	67	32	4	2	4	Houston, Tex.	266	134	75	30	12	3
Schenectady, N. Y.	22	18	3	-	1	1	Little Rock, Ark.	80	39	25	5	5	6
Scranton, Pa.	40	23	17	-	-	4	New Orleans, La.	139	76	34	9	6	2
Syracuse, N. Y.	94	54	28	5	5	1	San Antonio, Tex.	129	71	37	7	6	2
Trenton, N. J.	37	26	9	-	1	1	Shreveport, La.	69	44	11	5	3	2
Utica, N. Y.	23	16	6	-	-	1	Tulsa, Okla.	74	47	16	4	3	6
Yonkers, N. Y.	49	40	7	1	-	5	MOUNTAIN	553	305	151	38	27	13
EAST NORTH CENTRAL	2,327	1,372	564	172	125	71	Albuquerque, N. Mex.	59	27	22	5	-	3
Akron, Ohio	63	48	10	2	-	-	Colorado Springs, Colo.	33	22	5	6	-	2
Canton, Ohio	28	19	7	1	1	1	Denver, Colo.	122	76	28	8	4	2
Chicago, Ill.	568	314	149	50	36	23	Las Vegas, Nev.	22	14	6	2	-	-
Cincinnati, Ohio	171	99	46	8	11	4	Ogden, Utah	26	13	7	1	1	1
Cleveland, Ohio	209	115	51	25	10	1	Phoenix, Ariz.	139	73	41	9	9	4
Columbus, Ohio	138	83	32	7	9	3	Pueblo, Colo.	19	11	7	-	-	-
Dayton, Ohio	109	63	30	7	4	1	Salt Lake City, Utah	56	23	18	1	8	4
Detroit, Mich.	313	175	69	27	29	8	Tucson, Ariz.	77	46	17	6	5	-
Evansville, Ind.	38	22	13	3	-	4	PACIFIC	1,621	1,003	400	107	50	48
Fort Wayne, Ind.	49	30	12	3	2	3	Berkeley, Calif.	21	16	3	1	-	-
Gary, Ind.	34	15	8	6	4	5	Fresno, Calif.	56	30	14	2	4	2
Grand Rapids, Mich.	54	35	12	3	3	2	Glendale, Calif.	37	28	7	1	-	4
Indianapolis, Ind.	133	79	38	8	3	4	Honolulu, Hawaii	46	24	13	6	2	1
Madison, Wis.	22	14	5	1	1	3	Long Beach, Calif.	91	55	30	4	1	1
Milwaukee, Wis.	122	92	21	1	3	1	Los Angeles, Calif.	478	304	100	36	15	15
Peoria, Ill.	33	15	9	4	2	-	Oakland, Calif.	89	47	23	11	6	4
Rockford, Ill.	39	29	6	1	3	4	Pasadena, Calif.	47	32	10	2	2	-
South Bend, Ind.	51	23	14	2	2	2	Portland, Ore.	126	76	33	8	1	5
Toledo, Ohio	102	64	22	11	1	2	Sacramento, Calif.	56	32	18	2	2	1
Youngstown, Ohio	51	38	10	2	1	-	San Diego, Calif.	127	83	30	6	5	5
WEST NORTHCENTRAL	754	480	173	42	28	25	San Francisco, Calif.	167	110	39	11	3	1
Des Moines, Iowa	51	36	9	-	3	-	San Jose, Calif.	49	28	14	5	-	1
Duluth, Minn.	26	17	7	1	-	1	Seattle, Wash.	135	78	39	8	7	5
Kansas City, Kans.	41	24	10	2	2	5	Spokane, Wash.	55	38	13	2	2	1
Kansas City, Mo.	104	64	25	7	5	3	Tacoma, Wash.	41	22	14	2	-	3
Lincoln, Nebr.	31	18	9	1	1	2	Total	11,670	6,910	3,025	773	503	392
Minneapolis, Minn.	102	68	21	6	4	3	Expected Number	11,999	7,124	3,208	795	367	367
Omaha, Nebr.	93	54	24	7	2	1							
St. Louis, Mo.	190	126	39	12	6	7							
St. Paul, Minn.	58	31	17	4	5	-							
Wichita, Kans.	58	42	12	2	-	3							

†Delayed report for week ending May 17, 1975

CARBON MONOXIDE — Continued

before, and showed no significant differences in intelligence or aptitude; this was interpreted as indicating no residual neurologic damage (1).

At postmortem, the blood of the first soldier was found to contain 66% carboxyhemoglobin. Upon receipt of this report, approximately 16 hours after hospital admission, a carbon monoxide level was determined for the second man and found to be 0%.

Epidemiologic investigation revealed that the probable source of the carbon monoxide was a newly installed space heater which had been vented improperly into the wall instead of to the outside. The soldier who died was sleeping approximately 1½ meters from the heater; the other was about 9 meters away in a separate room with a partially opened window.

Editorial Note

Because drug intoxication is much more common in younger age groups, carbon monoxide poisoning was not initially considered in either of these cases, despite the extremely high room temperature and the coloration of the dead soldier. This episode, therefore, illustrates 2 points: (1) the importance of obtaining whole blood for toxicology early in the course of resuscitation and (2) the value of thoroughly assessing the environment of any "poison case."

(Reported by John P Canby, Colonel, Medical Corps, Commander, Raymond L Bliss Army Hospital, Fort Huachuca, Arizona.)

Reference

1. Finck PA: Exposure to CO. Review of the literature and 567 autopsies. Milit Med 131:1513-1539, 1966

**CURRENT TRENDS
PRIMARY AND SECONDARY SYPHILIS
United States, March 1975**

In March 1975, 2,195 primary and secondary syphilis cases were reported—an increase of 8.2% over the number reported in March 1974 (provisional data). Most of the increased number of cases reported in March, as in the past

several months, are continuing to occur in a small number of reporting areas.

(Reported by the Venereal Disease Control Division, Bureau of State Services, CDC.)

**SUMMARY OF REPORTED CASES OF PRIMARY AND SECONDARY SYPHILIS
BY REPORTING AREAS: MARCH 1975 AND MARCH 1974 — PROVISIONAL DATA**

Reporting Area	March		Calendar Year Cumulative January-March		Reporting Area	March		Calendar Year Cumulative January-March	
	1975	1974	1975	1974		1975	1974	1975	1974
Connecticut	25	14	53	48	Arkansas	12	4	18	27
Maine	1	2	8	7	Louisiana	42	56	133	165
Massachusetts	48	52	153	164	New Mexico	21	19	49	29
New Hampshire	4	0	10	3	Oklahoma	7	15	29	40
Rhode Island	1	1	3	4	Texas	133	113	386	324
Vermont	2	1	4	1	DHEW REGION VI TOTAL	215	207	615	585
DHEW REGION I TOTAL	81	70	231	227	Iowa	4	3	10	12
New Jersey	73	77	215	214	Kansas	12	6	28	19
New York (Excl. NYC)	32	29	120	125	Missouri	26	45	79	88
New York City	250	249	708	734	Nebraska	0	2	3	3
DHEW REGION II TOTAL	355	355	1,043	1,073	DHEW REGION VII TOTAL	42	56	120	122
Delaware	9	3	21	22	Colorado	10	12	36	31
Dist. of Columbia	47	53	154	170	Montana	0	0	3	0
Md. (Excl. Baltimore)	17	20	57	59	North Dakota	0	0	2	0
Baltimore	42	50	107	124	South Dakota	1	0	2	1
Penn. (Excl. Philadelphia)	32	25	79	54	Utah	2	0	3	5
Philadelphia	28	59	121	161	Wyoming	0	1	0	2
Virginia	60	80	163	237	DHEW REGION VIII TOTAL	13	13	46	39
West Virginia	5	4	8	7	Arizona	21	17	70	58
DHEW REGION III TOTAL	240	294	710	834	California (Excl. LA & SF)	168	42	440	244
Alabama	24	17	75	60	Los Angeles*	140	152	440	482
Florida	249	264	786	614	San Francisco*	94	75	261	156
Georgia (Excl. Atlanta)	60	45	145	198	Hawaii	9	2	15	10
Atlanta*	42	38	111	107	Nevada	8	9	16	23
Kentucky	20	21	48	71	DHEW REGION IX TOTAL	440	297	1,242	973
Mississippi	17	16	58	63	Alaska	0	0	0	0
North Carolina	74	63	274	205	Idaho	1	0	4	1
South Carolina	52	42	159	160	Oregon	13	8	29	23
Tennessee	44	54	110	123	Washington	13	8	52	35
DHEW REGION IV TOTAL	582	560	1,766	1,601	DHEW REGION X TOTAL	27	16	85	59
Illinois (Excl. Chicago)	40	21	53	64	UNITED STATES TOTAL	2,195	2,028	6,400	6,021
Chicago	67	64	211	193	Puerto Rico	75	84	206	248
Ind. (Excl. Indianapolis)	9	3	33	33	Virgin Islands	1	6	7	6
Indianapolis*	0	6	3	14	U.S. INCL. TERR.	2,271	2,118	6,613	6,275
Michigan	31	34	88	103	Note: Cumulative totals include revised and delayed reports through previous months.				
Minnesota	6	4	14	11	Source: HSM 9.98 CDC, VD Control Division, Atlanta, Ga. 30333.				
Ohio	36	21	111	64					
Wisconsin	11	7	29	26					
DHEW REGION V TOTAL	200	160	542	508					

*County Data

UPDATE ON VIETNAMESE REFUGEE HEALTH STATUS

As of May 26, a total of 119,423 refugees had arrived on Guam or Wake Islands, and 64,664 of them had proceeded to the mainland. Of these, 47,517 are still in 1 of the 3 refugee camps in the United States. A fourth refugee camp, Indian Town Gap Military Reservation in Pennsylvania, has begun operations and received its first refugees on May 28.

Guam continues to receive approximately 90% of all refugees entering the United States. Five additional cases of malaria have been reported from Guam and Wake Islands for a total of 30. Two additional clinical cases of dengue fever have been reported from Guam. All 6 of the previously reported cases have been confirmed in the laboratory, and type 2 virus has been identified. There have also been a total of 2 cases of typhoid fever, 2 cases of diphtheria, and 1 case of pertussis. Immunization campaigns have continued, and more than 90% of children age 1-5 have received measles, rubella, and polio vaccinations, as well as 1 DPT.

At the 3 mainland camps, 1 new case of malaria has been reported for a total of 12. Three cases of typhoid fever have

also been reported. Visa medical clearance examinations are continuing. Of 28,336 X-rays taken and read for tuberculosis in persons 15 or older, 841 have been suspicious. Further tests on persons with suspicious X-rays have shown 23 persons with positive sputum and 180 with suspicious X-rays and positive skin tests but negative sputum. Of 12,841 purified protein derivative (PPD) skin tests given and read in children 14 or under, 1,446 have been positive (11.3%). (BCG vaccine is used in Vietnam and could explain the positive skin tests in some children.) Of 750 children with positive skin tests who have had chest X-rays, 15 have had suspicious films, and none have had positive sputum. Initial testing for syphilis by the rapid plasma reagent (RPR) card test has shown that 502 of 27,067 tests were positive. Follow-up results are available on 213 persons with positive RPR, and of this number 158 have had positive FTA (fluorescent treponemal antibody) tests.

(Reported by the Center for Disease Control.)

BAN ON PET TURTLES – United States

On May 20, 1975, the Food and Drug Administration (FDA) announced that interstate shipments of pet turtles will be banned starting 30 days after publication shortly of an announcement in the Federal Register. The ban will apply

to turtles with shells measuring less than 4 inches across. The FDA indicated that it will allow shipments to continue for scientific and educational purposes and for exhibition in zoos.
(Reported by the Food and Drug Administration.)

The Morbidity and Mortality Weekly Report, circulation 45,000, is published by the Center for Disease Control, Atlanta, Ga.

Director, Center for Disease Control
Director, Bureau of Epidemiology, CDC
Editor, MMWR

David J. Sencer, M.D.
Phillip 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 cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials.

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DHEW Publication No. (CDC) 75-8017

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