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Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE
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EPIDEMIOLOGIC NOTES AND REPORTS
SALMONELLA SINGAPORE - New Orleans

On September 9, 1975, 2 human isolates of *Salmonella singapore* were reported by the Louisiana Division of Health Laboratory. The next week the laboratory identified an additional 9 human isolates. Because there had not been an isolation of this species in Louisiana for more than 10 years, an investigation was begun.

Interviews with 9 patients—7 men and 2 women, ranging in age from 18-53 years—revealed that they were all New Orleans residents who had onset of symptoms (diarrhea, abdominal cramps) between August 1-10 within 72 hours of eating a locally prepared and packaged roast beef sandwich. The 10th isolation was from a patient who had eaten a roast beef sandwich 48 hours before he became ill with diarrhea on

CONTENTS	
Epidemiologic Notes and Reports	
<i>Salmonella singapore</i> - New Orleans	397
Survey of Vietnamese Refugee Centers for Intestinal Parasites	398
Current Trends	
Primary and Secondary Syphilis - United States, September 1975	403
International Notes	
Quarantine Measures	404

August 28. The final isolation was from an infant born August 24, who had become ill September 1. His mother reported eating the same type of sandwich the week before delivery.

The plant which made these sandwiches was inspected by the city sanitation division on September 16, and found

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

DISEASE	WEEK ENDING		MEDIAN 1970-1974	CUMULATIVE, FIRST 47 WEEKS			
	NOVEMBER 22, 1975	NOVEMBER 23, 1974		NOVEMBER 22, 1975	NOVEMBER 23, 1974	MEDIAN 1970-1974	
Aseptic meningitis	69	93	85	3,720	2,915	3,894	
Brucellosis	8	2	2	236	165	166	
Chickenpox	2,307	2,027	---	127,962	109,576	---	
Diphtheria	8	11	6	277	220	174	
Encephalitis	Primary	85	24	2,302	987	1,396	
	Post-Infectious	7	5	278	232	255	
	Type B	263	243	147	10,601	8,991	7,905
Hepatitis, Viral	Type A	633	814	31,518	37,923	49,541	
	Type unspecified	187	184	7,375	7,511	---	
Malaria	6	5	5	379	240	786	
Measles (rubeola)	269	224	281	22,727	21,147	29,169	
Meningococcal infections, total		19	28	1,302	1,232	1,233	
	Civilian	19	28	24	1,275	1,204	1,213
	Military	---	---	---	27	28	45
Mumps	1,034	1,536	1,536	52,978	50,872	64,242	
Pertussis	18	36	---	1,349	1,572	---	
Rubella (German measles)	93	135	209	15,676	11,263	27,191	
Tetanus	1	1	1	92	87	99	
Tuberculosis	659	590	---	30,069	27,541	---	
Tularemia	6	2	2	100	132	141	
Typhoid fever	10	7	7	319	388	384	
Typhus, tick-borne (Rky. Mt. spotted fever)	7	6	3	806	755	515	
Venereal Diseases:							
Gonorrhea	Civilian	18,878	18,269	---	900,787	807,595	---
	Military	507	585	---	26,275	27,020	---
Syphilis, primary and secondary	Civilian	476	493	---	23,111	22,923	---
	Military	10	10	---	319	430	---
Rabies in animals	27	57	48	2,163	2,673	3,082	

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Poliomyelitis, total: Calif. 1	7
Botulism:	15	Paralytic: Calif. 1	7
Congenital rubella syndrome: S.C. 2	25	Psittacosis: Pa. 1, Wash. 1	45
Leprosy: Ore. 1, Hawaii 5	140	Rabies in man:	2
Leptospirosis: La. 1	57	Trichinosis: Pa. 1	107
Flague:	14	Typhus, murine:	30

S. SINGAPORE – Continued

to be properly licensed and in good condition. The plant markets its daily-made sandwiches each morning, and collects and destroys those not sold the same afternoon. Cultures from 1 of 2 roast beef sandwiches taken from the plant on September 16 grew *S. singapore*. One environmental swab taken from a floor drain near the roast beef slicing machine in the main preparation room was also positive for *S. singapore*.

All 43 plant employees were interviewed and their stools cultured. None was ill at the time of the interview, but 7 were culture-positive for *S. singapore*. A questionnaire given to the plant employees and, as a control, to office personnel of a restaurant next door revealed 5 plant personnel who claimed diarrheal illness during August. Those with either stool cultures positive for *S. singapore* or with a history of diarrhea (a total of 12 plant employees) had a statistically significant preference for consuming the plant's roast beef sandwiches ($P < .03$). Meat from 3 suppliers was used in preparing roast beef sandwiches during the first 2 weeks in August. Investigation determined that only 1 of these suppliers still had meat belonging to the same lot as sold to the plant. Cultures of it were negative for salmonella.

The plant was shut down for 1 day, September 17, for a thorough cleaning. Employees were not allowed inside the plant after the cleaning until they had provided 1 negative stool culture for salmonella. Since September 17, 1 addi-

tional case of *S. singapore* has been reported by the state laboratory; onset of this case was on September 12, and was linked to the suspected vehicle.

On September 24, the plant was recultured and 2 of 31 cultures, both from the cooking room floor, were positive for *S. senftenberg*; *S. singapore* was not found. Current surveillance efforts involve monthly stool culturing from plant employees. The plant management is also working with local sanitarians to attempt to resolve this problem. (Reported by Leo Mayer, RS, City Sanitarian, Orleans Parish Health Department; Beverly Freeman, BS, Division of Laboratories, J C Watson, RS, Acting Chief, Civil Defense and National Disaster, Charles Carraway, DVM, Director of Communicable Disease Division and State Epidemiologist, Louisiana Health and Human Resources Administration; and and EIS Officer.)

Editorial Note

S. singapore, a rare serotype isolated only 12 times in the U.S. in the past 5 years, was a good epidemiologic marker enabling investigators to discover quickly the vehicle of transmission in this outbreak. Although no roast beef was available for culturing, epidemiologic investigation points to the meat as the original source of contamination. The finding of *S. senftenberg* in the plant on the September 24 follow-up examination demonstrates the prevalence of salmonella in the environment.

SURVEY OF VIETNAMESE REFUGEE CENTERS FOR INTESTINAL PARASITES

Random surveys of Vietnamese refugees at 3 American sites suggest that the refugees' intestinal parasites do not pose a public health risk to the U.S. population.

The refugees, centered in Indiantown Gap, Pennsylvania, Fort Chaffee, Arkansas, and Camp Pendleton, California, were surveyed between September 2 and 18, 1975, in a random fashion within each of 3 age groups: 1-5 years, 6-12 years, and 13 years and over. Single stool samples were obtained from 1,077 of 48,340 refugees, and preserved in 2 media – 5% formalin and polyvinyl alcohol. All specimens were examined at CDC in the Parasitology Laboratory, Parasitic Diseases Branch.

There were some variations in the prevalence rates between refugee centers for all of the pathogens found (Table 1). The prevalence rates for the protozoans were 2.0%

for *Entamoeba histolytica*, and 8.2% for *Giardia lamblia*. The prevalence rates for the helminths (*Ascaris*, *Trichuris*, Hookworm, and *Strongyloides*) were 30.5%, 9.0%, 4.1%, and 1.2% respectively. The prevalence rates showed no statistically significant variation with age, sex, gastrointestinal symptoms, or place of origin in Vietnam.

(Reported by Parasitic Diseases Branch, Parasitic Diseases and Veterinary Public Health Division, Bureau of Epidemiology, CDC.)

Editorial Note

Although data on prevalence rates for intestinal protozoan parasites in the United States are somewhat limited in scope and not recent, the rates of 5.0% for *E. histolytica* (Continued on page 401)

Table 1
Prevalence of Intestinal Parasitism in the Vietnamese Refugee Centers – September 1975

Location	Protozoan		Helminths			
	<i>E. histolytica</i> %	<i>Giardia</i> %	<i>Ascaris</i> %	<i>Trichuris</i> %	Hookworm %	<i>Strongyloides</i> %
Fort Chaffee n = 317	2.7	11.6	28.5	6.5	3.5	0.4
Indiantown Gap n = 470	1.9	5.0	33.8	13.2	12.7	1.4
Camp Pendleton n = 290	0.9	4.1	32.3	11.3	0.9	2.4
Total n = 1077	2.0	8.2	30.5	9.0	4.1	1.2

Morbidity and Mortality Weekly Report

**TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING NOVEMBER 22, 1975 AND NOVEMBER 23, 1974 (47th WEEK) - Continued**

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	69	8	2,307	8	277	85	24	7	263	633	187	6	379
NEW ENGLAND	1	-	160	-	-	-	-	-	7	23	9	1	21
Maine*	-	-	-	-	-	-	-	-	-	-	-	-	2
New Hampshire*	-	-	25	-	-	-	-	-	2	5	-	-	1
Vermont	-	-	6	-	-	-	-	-	-	-	-	-	3
Massachusetts	1	-	80	-	-	-	-	-	1	4	9	-	8
Rhode Island	-	-	34	-	-	-	-	-	3	2	-	-	2
Connecticut	-	-	15	-	-	-	-	-	1	12	-	1	5
MIDDLE ATLANTIC	16	-	74	-	-	5	3	2	49	89	20	3	93
Upstate New York	4	-	42	-	-	1	2	-	2	11	1	1	9
New York City	3	-	32	-	-	-	-	-	22	31	-	1	28
New Jersey	3	-	NN	-	-	-	1	-	14	25	13	1	13
Pennsylvania	6	-	-	-	-	4	-	2	11	22	6	-	43
EAST NORTH CENTRAL	7	2	1,108	-	5	55	4	2	36	139	20	-	15
Ohio	-	-	202	-	-	5	3	-	-	29	-	-	4
Indiana	-	-	63	-	-	40	-	-	2	11	-	-	-
Illinois	1	-	104	-	4	4	-	1	26	54	12	-	5
Michigan	4	-	439	-	1	6	1	-	6	43	8	-	6
Wisconsin	2	2	300	-	-	-	-	1	2	2	-	-	-
WEST NORTH CENTRAL	2	2	405	-	8	6	1	-	9	23	6	-	16
Minnesota	-	-	7	-	-	3	-	-	-	-	-	-	6
Iowa	-	2	273	-	-	1	-	-	-	5	-	-	-
Missouri*	-	-	5	-	1	-	-	-	6	9	2	-	7
North Dakota	-	-	2	-	6	-	-	-	-	2	-	-	1
South Dakota*	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	23	-	1	-	-	-	-	3	-	-	2
Kansas	2	-	95	-	-	2	1	-	3	4	4	-	-
SOUTH ATLANTIC	6	-	138	-	-	1	4	2	33	80	30	-	52
Delaware	-	-	1	-	-	-	-	-	-	-	5	-	-
Maryland	1	-	2	-	-	-	1	-	13	8	3	-	10
District of Columbia	-	-	2	-	-	-	-	-	-	2	1	-	10
Virginia	3	-	17	-	-	-	1	1	9	3	3	-	8
West Virginia	-	-	105	-	-	-	-	-	1	4	-	-	2
North Carolina	1	-	NN	-	-	1	-	-	6	11	7	-	6
South Carolina	-	-	3	-	-	-	-	-	2	7	5	-	2
Georgia	-	-	-	-	-	-	-	-	-	31	-	-	9
Florida	1	-	8	-	-	-	2	1	2	14	6	-	5
EAST SOUTH CENTRAL	9	2	57	-	-	8	4	1	20	68	4	-	11
Kentucky	-	-	52	-	-	-	-	-	7	27	2	-	3
Tennessee	5	1	NN	-	-	5	2	-	6	28	2	-	-
Alabama	4	-	4	-	-	2	-	1	5	9	-	-	6
Mississippi	-	1	1	-	-	1	2	-	2	4	-	-	2
WEST SOUTH CENTRAL	10	1	98	-	6	10	2	-	24	63	38	-	22
Arkansas*	-	-	-	-	-	-	-	-	-	6	3	-	1
Louisiana*	3	-	NN	-	-	-	2	-	6	13	5	-	-
Oklahoma	-	-	28	-	-	-	-	-	3	9	2	-	2
Texas	7	1	70	-	6	10	-	-	15	35	28	-	19
MOUNTAIN	1	-	120	2	28	-	1	-	11	35	22	-	14
Montana	-	-	21	-	4	-	1	-	-	10	-	-	1
Idaho	-	-	2	-	-	-	-	-	-	1	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	1	-	68	1	1	-	-	-	5	5	5	-	8
New Mexico	-	-	-	-	8	-	-	-	3	-	1	-	-
Arizona	-	-	-	1	15	-	-	-	2	10	7	-	3
Utah	-	-	29	-	-	-	-	-	1	4	9	-	2
Nevada	-	-	-	-	-	-	-	-	-	5	-	-	-
PACIFIC	17	1	147	6	230	-	5	-	74	113	38	2	135
Washington	1	1	132	4	207	-	1	-	8	15	4	-	6
Oregon	1	-	2	-	-	-	1	-	7	11	2	-	10
California*	8	-	-	2	6	-	3	-	53	74	32	2	114
Alaska	2	-	6	-	17	-	-	-	-	1	-	-	2
Hawaii	5	-	7	-	-	-	-	-	6	12	-	-	3
Guam*	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	5	-	-	-	-	-	1	13	-	-	1
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-	-	-

---Data Not Available
NN: Not Notifiable

*Delayed Reports: Asep. Men.: Ark. 1
Chickenpox: Me. 10, Mo. delete 3, Calif. 43, Guam 4
Enceph., Prim.: S.D. 4. Enceph., Post: La. delete 3
Hep. B: La. delete 3
Hep. A: N. H. 1, Guam 1

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING NOVEMBER 22, 1975 AND NOVEMBER 23, 1974 (47th WEEK) - Continued

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1975	Cumulative		1975	Cumulative		1975	Cum. 1975		1975	Cum. 1975	
		1975	1974		1975	1974						
UNITED STATES	269	22,727	21,147	19	1,302	1,232	1,034	52,978	18	93	15,676	52
NEW ENGLAND	3	327	957	-	73	72	51	1,897	-	4	2,078	3
Maine*	-	15	45	-	6	4	-	81	-	-	41	-
New Hampshire*	-	21	211	-	3	11	1	102	-	-	305	-
Vermont	---	52	56	---	2	12	---	18	---	---	71	---
Massachusetts	-	114	403	-	26	17	14	260	-	4	1,218	1
Rhode Island	-	3	61	-	5	10	30	730	-	-	28	-
Connecticut	3	122	181	-	31	18	6	706	-	-	415	2
MIDDLE ATLANTIC	55	2,185	8,248	3	137	182	62	2,901	5	18	1,788	13
Upstate New York	49	940	971	1	42	66	12	1,020	4	10	305	2
New York City	-	164	623	2	35	40	18	865	-	4	183	2
New Jersey	1	475	5,684	-	21	51	5	390	-	4	1,020	3
Pennsylvania	5	606	970	-	39	25	27	626	1	-	280	6
EAST NORTH CENTRAL	105	6,793	8,267	2	191	156	386	21,634	1	37	4,521	6
Ohio	-	110	3,060	1	64	65	55	2,467	-	1	633	2
Indiana	3	470	273	-	10	15	29	2,191	-	3	1,013	-
Illinois	17	1,853	2,106	1	24	11	43	2,560	-	7	335	3
Michigan	28	3,140	2,157	-	71	47	166	8,825	-	22	1,582	-
Wisconsin	57	1,220	631	-	22	18	93	5,591	1	4	958	1
WEST NORTH CENTRAL	54	5,100	708	-	85	97	123	3,959	1	2	1,478	10
Minnesota	39	221	85	-	19	31	1	161	-	-	37	2
Iowa*	13	646	134	-	7	15	65	1,357	-	-	30	3
Missouri*	-	272	260	-	42	28	3	931	1	2	743	1
North Dakota	2	1,063	34	-	2	3	5	490	-	-	69	-
South Dakota	-	356	27	-	1	3	-	6	-	-	18	-
Nebraska	-	395	3	-	3	3	26	73	-	-	21	-
Kansas	-	2,147	165	-	11	14	23	941	-	-	560	4
SOUTH ATLANTIC	4	380	590	5	260	242	73	3,716	4	4	1,604	17
Delaware	-	35	15	-	7	5	-	11	2	-	21	-
Maryland	-	54	24	2	31	24	20	343	-	-	38	1
District of Columbia	-	1	3	-	5	1	-	155	-	-	-	-
Virginia	-	38	37	-	21	40	8	799	1	2	322	2
West Virginia	4	184	222	-	5	8	35	1,334	-	2	233	1
North Carolina	-	2	5	2	49	48	4	113	1	-	44	6
South Carolina	-	-	57	1	37	21	1	68	-	-	765	2
Georgia	-	40	4	-	15	8	-	17	-	-	4	-
Florida	-	26	223	-	90	87	5	876	-	-	177	5
EAST SOUTH CENTRAL	3	326	283	2	181	119	44	4,829	-	5	995	9
Kentucky	3	117	196	-	76	46	12	1,816	-	-	245	3
Tennessee	-	178	56	2	60	52	29	2,236	-	-	715	2
Alabama	-	5	18	-	31	12	1	407	-	-	23	1
Mississippi	-	26	13	-	14	9	2	370	-	5	12	3
WEST SOUTH CENTRAL	24	396	235	3	195	201	86	4,674	3	1	753	21
Arkansas	-	-	7	1	12	14	-	176	-	-	20	1
Louisiana*	-	1	13	1	39	48	-	341	1	-	283	5
Oklahoma	1	147	29	1	14	21	6	260	-	-	94	-
Texas	23	248	186	-	130	118	80	3,897	2	1	356	15
MOUNTAIN	13	1,500	794	1	38	40	16	986	-	1	524	-
Montana	-	50	373	-	7	1	-	38	-	-	252	-
Idaho	-	12	52	-	5	2	8	24	-	-	74	-
Wyoming	-	3	1	-	1	3	-	2	-	-	-	-
Colorado	-	1,159	71	1	10	9	4	632	-	-	135	-
New Mexico	-	15	62	-	4	3	2	33	-	-	18	-
Arizona	-	82	20	-	3	9	-	-	-	-	2	-
Utah	13	151	15	-	7	9	2	158	-	1	35	-
Nevada	-	28	200	-	1	4	-	99	-	-	8	-
PACIFIC	8	5,720	1,065	3	142	123	193	8,382	4	21	1,935	13
Washington	-	293	74	2	19	16	93	4,256	2	15	320	1
Oregon	-	159	-	-	8	14	18	706	-	-	188	-
California	7	5,163	925	1	106	86	81	3,321	1	6	1,410	11
Alaska	-	-	-	-	7	4	-	49	1	-	-	-
Hawaii	1	65	66	-	2	3	1	50	-	-	17	1
Guam*	-	24	20	-	2	2	-	31	-	-	8	-
Puerto Rico	7	697	664	-	1	6	32	968	-	-	30	17
Virgin Islands	-	8	35	-	-	-	-	221	-	-	3	3

---Data Not Available

*Delayed Reports: Measles: Iowa 13

Men. Inf.: Mo. 1

Mumps: Me. 1, N.H. 1, Guam 1

Pertussis: La. delete 2

Rubella: Me. 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING NOVEMBER 22, 1975 AND NOVEMBER 23, 1974 (47th WEEK) - Continued

AREA	TUBERCULOSIS		TULA- REMIA	TYPHOID FEVER		TYPHUS-FEVER TICK-BORNE (RMSF)		VENEREAL DISEASES (Civilian Cases Only)					RABIES IN ANIMALS	
	1975	Cum. 1975	Cum. 1975	1975	Cum. 975	1975	Cum. 1975	GONORRHEA		SYPHILIS (Pri. & Sec.)		Cum. 1975		
								Cumulative		Cumulative				
								1975	1974	1975	1974			
UNITED STATES	659	30,069	100	10	319	7	806	18,878	900,787	807,595	476	23,111	22,923	2,163
NEW ENGLAND	21	1,150	-	2	15	-	6	573	24,946	21,956	2	803	813	66
Maine	3	71	-	-	-	-	-	57	1,926	1,842	-	31	41	40
New Hampshire	2	30	-	-	-	-	-	19	654	718	-	15	12	2
Vermont	-	27	-	-	-	-	-	-	573	577	-	7	3	-
Massachusetts	13	658	-	-	9	-	2	306	11,718	10,073	-	529	573	12
Rhode Island	2	127	-	-	-	-	3	33	1,922	1,878	1	22	16	4
Connecticut	1	237	-	2	6	-	1	158	8,153	6,868	1	199	168	8
MIDDLE ATLANTIC	156	5,467	4	-	58	2	85	1,960	102,577	99,976	95	4,204	4,923	89
Upstate New York	33	818	3	-	9	-	33	358	18,662	18,557	14	381	481	70
New York City	66	2,141	-	-	28	-	1	963	43,073	43,317	63	2,463	2,847	-
New Jersey	38	1,097	1	-	10	-	10	145	15,083	14,024	9	666	768	-
Pennsylvania	19	1,411	-	-	11	2	41	494	25,759	24,078	9	694	827	19
EAST NORTH CENTRAL	86	4,200	5	2	37	-	19	3,387	148,996	129,861	29	1,888	1,961	113
Ohio*	14	1,158	-	-	11	-	16	903	41,751	33,747	10	457	290	5
Indiana	14	532	-	-	-	-	1	124	12,248	12,550	-	136	176	10
Illinois	39	1,216	-	2	16	-	1	1,370	52,040	43,058	15	914	1,009	23
Michigan	19	1,142	1	-	9	-	1	629	28,606	28,853	3	308	392	9
Wisconsin	-	152	4	-	1	-	-	361	14,351	11,653	1	73	94	66
WEST NORTH CENTRAL	20	1,056	18	-	15	-	32	1,213	45,785	42,366	15	560	591	467
Minnesota	3	153	-	-	3	-	-	264	9,147	8,645	2	105	78	129
Iowa	5	122	1	-	1	-	-	155	6,576	5,580	5	60	37	93
Missouri	6	488	13	-	7	-	19	451	16,672	14,407	6	250	382	49
North Dakota	-	15	-	-	-	-	-	33	728	670	-	5	6	90
South Dakota	1	60	-	-	-	-	-	33	1,753	1,927	-	5	3	48
Nebraska	1	36	1	-	3	-	2	75	4,040	3,622	1	18	10	4
Kansas*	4	182	3	-	1	-	11	202	6,869	7,515	1	117	75	54
SOUTH ATLANTIC	150	6,663	17	-	45	4	404	4,299	220,790	207,122	132	7,074	7,148	327
Delaware	4	128	-	-	-	-	4	107	3,178	2,882	2	83	74	5
Maryland	23	1,071	1	-	9	1	30	171	26,885	21,904	5	516	699	7
District of Columbia	6	342	1	-	4	-	-	241	12,674	17,407	12	627	593	-
Virginia	25	788	6	-	7	-	110	506	21,678	19,163	9	560	660	100
West Virginia	4	240	-	-	4	-	4	75	2,844	2,426	-	54	18	3
North Carolina*	36	1,068	-	-	2	1	129	673	31,759	28,276	25	943	821	12
South Carolina	9	409	3	-	7	-	84	381	20,666	19,290	12	503	631	11
Georgia	13	941	5	-	3	2	37	903	41,481	40,275	22	976	1,048	156
Florida	30	1,676	1	-	9	-	6	1,242	59,625	55,499	45	2,812	2,604	33
EAST SOUTH CENTRAL	51	2,609	11	2	28	1	109	1,535	76,230	68,090	29	1,067	1,134	138
Kentucky*	12	514	1	-	7	-	12	148	9,857	8,502	2	158	249	90
Tennessee	27	987	10	2	14	1	72	626	30,159	27,038	9	394	421	21
Alabama	8	729	-	-	2	-	8	411	21,141	18,900	2	240	227	27
Mississippi	4	379	-	-	5	-	17	350	15,073	13,650	16	275	237	-
WEST SOUTH CENTRAL	72	3,426	40	-	18	-	142	2,315	110,855	104,837	46	2,063	2,010	460
Arkansas	7	451	14	-	1	-	20	144	11,460	10,776	2	63	88	78
Louisiana*	15	446	2	-	10	-	-	181	19,383	21,407	13	489	527	8
Oklahoma	3	268	9	-	1	-	91	313	10,656	9,185	1	82	125	97
Texas	47	2,261	15	-	6	-	31	1,677	69,356	63,469	30	1,429	1,270	277
MOUNTAIN	25	907	3	1	8	-	8	798	36,491	31,406	17	530	533	223
Montana	-	51	1	-	-	-	5	42	1,926	1,751	-	5	4	152
Idaho	1	31	-	-	-	-	2	55	1,885	1,592	-	15	11	1
Wyoming	2	28	1	-	1	-	-	22	857	725	-	10	2	5
Colorado*	10	194	-	-	1	-	1	240	9,781	8,620	2	93	131	-
New Mexico	1	122	-	-	2	-	-	146	6,443	4,540	9	145	83	37
Arizona	8	389	-	1	4	-	-	153	9,637	8,896	4	194	233	25
Utah	3	45	1	-	-	-	-	67	2,284	1,909	-	15	12	3
Nevada	-	47	-	-	-	-	-	73	3,678	3,373	2	53	57	-
PACIFIC	78	4,591	2	3	95	-	1	2,798	134,117	101,981	111	4,922	3,810	280
Washington	8	385	1	-	6	-	1	219	12,194	11,102	-	164	121	4
Oregon	2	177	-	-	-	-	-	222	10,189	10,412	5	133	100	7
California	60	3,436	1	3	87	-	-	2,238	106,211	75,733	105	4,567	3,552	263
Alaska	-	57	-	-	1	-	-	47	3,320	2,629	-	6	9	6
Hawaii	8	534	-	-	1	-	-	72	2,203	2,105	1	52	28	-
Guam*	-	57	-	-	-	-	-	-	331	-	-	12	-	-
Puerto Rico	11	456	18	1	8	-	-	36	2,641	2,840	10	653	825	37
Virgin Islands	-	3	-	-	2	-	-	10	205	696	1	40	50	-

---Data Not Available

*Delayed Reports: TB: Ohio delete 1, Kansas delete 1, N.C. delete 3, Ky. delete 1, Guam 1
Gonorrhoea: La. delete 2, Guam 4
Syphilis: Guam 1
Rabies in animals: Colo. 32

Morbidity and Mortality Weekly Report

TABLE IV. DEATHS IN 121 UNITED STATES CITIES FOR WEEK ENDING NOVEMBER 22, 1975

Week No.
47

(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	627	400	173	20	16	38	SOUTH ATLANTIC	1,244	686	395	81	40	35
Boston, Mass.	182	101	57	6	8	10	Atlanta, Ga.	128	67	45	9	4	2
Bridgeport, Conn.	34	25	9	—	—	1	Baltimore, Md.	234	115	86	20	4	1
Cambridge, Mass.	23	17	6	—	—	4	Charlotte, N. C.	44	25	12	2	2	1
Fall River, Mass.	27	19	7	1	—	1	Jacksonville, Fla.	89	41	33	6	3	—
Hartford, Conn.	56	34	17	3	1	1	Miami, Fla.	85	47	21	9	4	2
Lowell, Mass.	23	14	8	1	—	—	Norfolk, Va.	63	35	20	3	3	5
Lynn, Mass.	16	9	4	2	—	—	Richmond, Va.	78	38	33	4	1	2
New Bedford, Mass.	19	15	2	1	1	1	Savannah, Ga.	41	26	12	1	1	6
New Haven, Conn.	51	32	17	1	1	1	St. Petersburg, Fla.	72	65	6	1	—	3
Providence, R. I.	57	30	19	1	4	7	Tampa, Fla.	79	53	14	3	5	2
Somerville, Mass.	15	11	4	—	—	2	Washington, D. C.	264	140	91	19	9	8
Springfield, Mass.	40	22	13	2	1	3	Wilmington, Del.	67	34	22	4	4	3
Waterbury, Conn.	29	25	4	—	—	—	EAST SOUTH CENTRAL	734	403	189	58	44	28
Worcester, Mass.	55	46	6	2	—	7	Birmingham, Ala.	115	54	27	15	10	2
MIDDLE ATLANTIC	2,831	1,757	708	196	90	109	Chattanooga, Tenn.	46	25	11	3	3	1
Albany, N. Y.	59	35	14	4	4	2	Knoxville, Tenn.	46	32	9	1	2	2
Allentown, Pa.	19	14	4	1	—	—	Louisville, Ky.	117	71	26	12	6	8
Buffalo, N. Y.	126	77	29	9	8	9	Memphis, Tenn.	193	108	56	10	12	4
Camden, N. J.	44	27	14	—	3	2	Mobile, Ala.	62	35	12	3	6	2
Elizabeth, N. J.	24	20	4	—	—	1	Montgomery, Ala.	42	25	7	7	—	4
Erie, Pa.	27	17	6	1	2	2	Nashville, Tenn.	113	53	41	7	5	5
Jersey City, N. J.	56	23	28	3	—	3	WEST SOUTH CENTRAL	1,177	629	342	74	68	39
Newark, N. J.	74	33	23	13	3	1	Austin, Tex.	23	15	5	3	—	1
New York City, N. Y.	1,396	877	338	101	36	42	Baton Rouge, La.	66	39	16	6	3	5
Paterson, N. J.	39	28	6	3	2	6	Corpus Christi, Tex.	40	22	14	—	1	—
Philadelphia, Pa.	399	233	113	28	15	5	Dallas, Tex.	169	93	52	7	9	7
Pittsburgh, Pa.	196	115	46	14	11	12	El Paso, Tex.	80	44	18	3	6	6
Reading, Pa.	38	25	8	4	—	3	Fort Worth, Tex.	107	60	28	9	5	1
Rochester, N. Y.	112	84	19	6	2	12	Houston, Tex.	222	106	66	17	15	4
Schenectady, N. Y.	18	14	3	—	1	1	Little Rock, Ark.	55	31	13	6	4	3
Scranton, Pa.	43	28	11	2	1	4	New Orleans, La.	138	73	43	5	12	—
Syracuse, N. Y.	95	61	28	3	1	1	San Antonio, Tex.	139	69	45	10	6	3
Trenton, N. J.	23	13	6	2	1	1	Shreveport, La.	68	35	22	4	4	1
Utica, N. Y.	21	17	3	1	—	2	Tulsa, Okla.	70	42	20	4	3	8
Yonkers, N. Y.	22	16	5	1	—	—	MOUNTAIN	515	295	132	34	28	32
EAST NORTH CENTRAL	2,311	1,330	621	177	98	59	Albuquerque, N. Mex.	50	26	12	8	3	6
Akron, Ohio	66	33	14	8	4	—	Colorado Springs, Colo.	29	20	5	1	2	4
Canton, Ohio	36	23	8	1	3	4	Denver, Colo.	118	65	33	9	7	9
Chicago, Ill.	598	364	152	46	19	12	Las Vegas, Nev.	32	10	13	4	—	4
Cincinnati, Ohio	131	85	35	7	1	4	Ogden, Utah	16	9	4	1	—	—
Cleveland, Ohio	175	93	47	18	9	5	Phoenix, Ariz.	113	61	30	7	9	6
Columbus, Ohio	136	76	39	8	5	6	Pueblo, Colo.	25	20	3	1	1	3
Dayton, Ohio	95	58	25	8	3	2	Salt Lake City, Utah	54	35	12	1	5	—
Detroit, Mich.	291	155	78	34	17	4	Tucson, Ariz.	78	49	20	2	1	—
Evansville, Ind.	46	29	13	3	—	1	PACIFIC	1,659	1,028	399	105	69	42
Fort Wayne, Ind.	58	34	12	4	—	3	Berkeley, Calif.	11	5	5	1	—	—
Gary, Ind.	23	9	8	1	2	—	Fresno, Calif.	73	40	17	8	4	—
Grand Rapids, Mich.	51	32	11	3	3	2	Glendale, Calif.	28	19	8	—	—	1
Indianapolis, Ind.	164	84	55	12	8	1	Honolulu, Hawaii	45	23	12	3	5	—
Madison, Wis.	32	13	11	2	1	5	Long Beach, Calif.	94	56	32	3	2	2
Milwaukee, Wis.	144	86	41	4	12	4	Los Angeles, Calif.	566	355	131	40	21	15
Peoria, Ill.	38	26	7	3	2	1	Oakland, Calif.	70	40	21	2	7	1
Rockford, Ill.	25	19	4	—	2	2	Pasadena, Calif.	33	26	4	1	1	—
South Bend, Ind.	29	19	9	—	—	3	Portland, Oreg.	130	86	27	4	8	3
Toledo, Ohio	120	62	35	13	5	—	Sacramento, Calif.	59	40	12	3	2	5
Youngstown, Ohio	53	30	17	2	2	—	San Diego, Calif.	108	70	19	12	3	2
WEST NORTHCENTRAL	737	461	181	46	19	24	San Francisco, Calif.	165	93	45	14	6	2
Des Moines, Iowa	37	25	8	1	—	5	San Jose, Calif.	47	27	15	4	—	1
Duluth, Minn.	15	10	3	—	2	—	Seattle, Wash.	151	95	35	9	7	2
Kansas City, Kans.	38	24	12	1	—	3	Spokane, Wash.	42	27	9	—	3	7
Kansas City, Mo.	104	58	32	7	3	3	Tacoma, Wash.	37	26	7	1	—	1
Lincoln, Nebr.	18	11	4	2	—	1	Total	11,835	6,989	3,140	791	472	406
Minneapolis, Minn.	85	64	14	6	—	—	Expected Number	12,153	7,344	3,190	776	402	405
Omaha, Nebr.	99	66	22	3	3	2							
St. Louis, Mo.	227	130	59	19	9	7							
St. Paul, Minn.	65	44	15	2	1	—							
Wichita, Kans.	49	29	12	5	1	3							

*Delayed Report for Week Ending November 15, 1975

VIETNAMESE REFUGEES – Continued

and 1.5-9.5% for *G. lamblia* have been reported (1-5). Therefore, the rates of 2.0% for *E. histolytica* and 8.2% for *G. lamblia* among the Vietnamese refugees do not appear significantly different from those estimated for the indigenous United States population. Consequently, the refugees do not present an increased threat of spreading these diseases. In addition, there have been no reported cases of giardiasis or amebiasis attributed to Vietnamese refugees.

Transmission of *Ascaris*, *Trichuris*, Hookworm, and *Strongyloides* requires a minimum of 1-2 weeks incubation in the soil, and therefore can be interrupted by the use of toilets. Consequently, regardless of their prevalence, helminth infections in the refugees do not pose a public health threat to the U.S. population.

Physicians providing medical care for the refugees should consider examination for helminths and protozoans,

and treatment if they are found, since these organisms do pose a personal health problem. However, this survey supports previous recommendations that mass chemotherapy of the Vietnamese refugees is an unwarranted public health measure.

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CURRENT TRENDS

PRIMARY AND SECONDARY SYPHILIS – United States, September 1975

In September 1975, 2,233 cases of primary and secondary syphilis were reported, representing a 2.4% increase over cases reported in September 1974. This was the first monthly increase reported since April 1975. For the first 9 months of calendar year 1975 (January–September), reported cases

totalled 19,239, representing an increase of 1.2% over the number reported in the same time period in 1974.

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

SUMMARY OF REPORTED PRIMARY AND SECONDARY SYPHILIS CASES BY REPORTING AREA: SEPTEMBER 1975 AND SEPTEMBER 1974 – PROVISIONAL DATA

Reporting Area	September		Calendar Year Cumulative January-September		Reporting Area	September		Calendar Year Cumulative January-September	
	1975	1974	1975	1974		1975	1974	1975	1974
	Connecticut	18	12	170		138	Arkansas	5	6
Maine	0	7	26	30	Louisiana	55	49	387	472
Massachusetts	50	41	423	471	New Mexico	10	9	114	64
New Hampshire	2	0	14	9	Oklahoma	6	14	61	99
Rhode Island	5	4	17	13	Texas	174	141	1157	1052
Vermont	1	0	7	1	DHEW REGION VI TOTAL	250	219	1766	1764
DHEW REGION I TOTAL	76	64	657	662	Iowa	1	6	26	32
New Jersey	67	72	594	661	Kansas	11	8	113	54
New York (Excl. NYC)	24	54	320	399	Missouri	14	44	219	326
New York City	260	249	2189	2333	Nebraska	1	1	17	10
DHEW REGION II TOTAL	351	375	3103	3393	DHEW REGION VII TOTAL	27	59	375	422
Delaware	5	10	69	65	Colorado	8	12	79	99
Dist. of Columbia	71	55	518	484	Montana	0	0	4	2
Md. (Excl. Baltimore)	19	13	162	182	North Dakota	0	2	4	6
Baltimore	29	46	285	380	South Dakota	0	0	4	2
Penn. (Excl. Philadelphia)	35	22	287	171	Utah	1	2	12	10
Philadelphia	17	49	308	506	Wyoming	0	0	6	2
Virginia	39	46	443	588	DHEW REGION VIII TOTAL	9	16	109	121
West Virginia	11	2	31	14	Arizona	24	22	189	190
DHEW REGION III TOTAL	226	243	2103	2390	California (Excl. LA & SF)	194	129	1391	913
Alabama	28	28	195	182	Los Angeles*	139	146	1407	1411
Florida	228	243	2467	2116	San Francisco*	107	97	738	662
Georgia (Excl. Atlanta)	55	56	489	516	Hawaii	10	0	44	22
Atlanta*	44	51	330	371	Nevada	5	4	42	47
Kentucky	11	27	130	220	DHEW REGION IX TOTAL	479	398	3811	3245
Mississippi	27	22	203	185	Alaska	1	1	6	4
North Carolina	112	72	797	701	Idaho	1	0	13	9
South Carolina	67	62	424	537	Oregon	13	9	102	72
Tennessee	41	29	323	359	Washington	10	14	165	95
DHEW REGION IV TOTAL	613	590	5358	5187	DHEW REGION X TOTAL	25	24	286	180
Illinois (Excl. Chicago)	15	29	210	201	UNITED STATES TOTAL	2233	2181	19239	19014
Chicago	49	68	561	628	Puerto Rico	62	76	579	672
Ind. (Excl. Indianapolis)	8	7	88	94	Virgin Islands	3	0	21	23
Indianapolis*	8	3	37	37	U.S. INCL. TERR.	2298	2257	19839	19709
Michigan	25	39	250	322	Note: Cumulative totals include revised and delayed reports through previous months.				
Minnesota	13	4	89	60	Source: HSM 9.98 CDC, VD Control Division, Atlanta, Ga. 30333.				
Ohio	57	36	381	227					
Wisconsin	2	7	55	81					
DHEW REGION V TOTAL	177	193	1671	1650					

*County Data.

INTERNATIONAL NOTES
QUARANTINE MEASURES

The following change should be made in the "Supplement - Health Information for International Travel," *Morbidity and Mortality Weekly Report*, Vol. 23, September 1974:

Vaccination Certificate Requirements

JORDAN - Cholera - insert: During the period from 6 October 1975 to 1 January 1976 - For travelers arriving in Jordan who are destined for Saudi Arabia:

A Certificate showing a single dose of vaccine administered not less than 1 week and not more than 6 months before arriving in Saudi Arabia is required of **ALL** travelers.

In addition, all travelers arriving from countries any part of which is infected are required to possess: (i) a Certificate showing that before arriving in Saudi Arabia they have spent 5 days in a cholera-free area in their countries which should be designated by health authorities and notified in advance to Saudi Arabia Health Authorities (time spent on board a safe vessel is considered as a period spent in a cholera-free area

provided no case appears on board); (ii) a Certificate from local health authorities showing that travelers have taken adequate doses of tetracycline or any substitute antibiotic for 4 subsequent days immediately before leaving the local infected area or during their stay in the cholera-free area.

Yellow Fever Centers

NEVADA - Reno: Washoe County District Health Department

Change address to P. O. Box 11130

Change zip code to 89510

Erratum, Vol. 24, No. 41, p 349

In the article "Pool-Associated Rash Illness - North Carolina," paragraph 2, line 6, delete *Sarcoptes scabiei* and insert *Pyemotes ventricosus*.

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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 cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials.

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