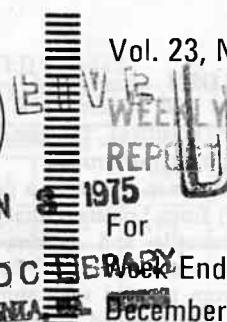
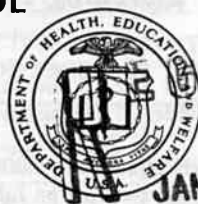


Morbidity and Mortality



1975
For
Week Ending
December 28, 1974

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE
DATE OF RELEASE: JANUARY 3, 1975 — ATLANTA, GEORGIA 30333

EPIDEMIOLOGIC NOTES AND REPORTS

TURTLE-ASSOCIATED SALMONELLOSIS — Oregon

On October 10, 1974, a 6-year-old girl from Portland, Oregon, became ill with fever, headache, nausea, diarrhea, and abdominal cramps. A stool culture that was obtained on October 17 when she first saw a physician revealed *Salmonella typhimurium* and *Arizona sp.* The patient's mother and 2 siblings were asymptomatic; their stool cultures were negative.

Epidemiologic investigation by the Oregon State Health Division and the Multnomah County Communicable Disease Control revealed that on October 5, 1974, the girl had received a small turtle from her babysitter who had purchased it from a nearby pet store. *S. typhimurium* and *Arizona sp.* were isolated from the pet turtle. The babysitter, her husband, and 2 children gave no history of illness; their stool cultures were negative.

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On October 18, the pet store where the turtle was purchased was visited, and other turtles were collected for testing. *S. typhimurium* and *Arizona sp.* were isolated from these turtles. Specimens of turtle food and aquarium water at the store were culture-negative. The *S. typhimurium* isolates from the patient, her turtle, and the turtles at the pet store had an

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

DISEASE	52nd WEEK ENDING		MEDIAN 1969-1973	CUMULATIVE, FIRST 52 WEEKS		
	December 28, 1974	December 29, 1973		December 28, 1974	December 29, 1973	MEDIAN 1969-1973
Aseptic meningitis	32	66	67	3,157	4,691	4,690
Brucellosis	10	14	10	197	190	193
Chickenpox	2,329	2,065	—	121,985	162,270	—
Diphtheria	10	17	6	257	224	214
Encephalitis:						
Primary: Arthropod-borne and unspecified	10	37	27	1,065	1,527	1,525
Post-Infectious	2	3	5	248	270	314
Hepatitis, Viral:						
Type B	144	214	149	9,927	8,167	8,164
Type A	520	—	—	41,178	—	—
Type unspecified	116	1,115	1,038	8,206	52,095	54,442
Malaria	7	4	18	265	242	2,853
Measles (rubeola)	126	242	365	22,085	26,718	31,580
Meningococcal infections, total	13	19	32	1,327	1,355	2,181
Civilian	13	18	32	1,298	1,328	1,958
Military	—	1	1	29	27	223
Mumps	876	1,146	1,397	57,407	69,456	88,380
Pertussis	32	—	—	1,758	—	—
Rubella (German measles)	100	126	245	11,836	27,958	43,096
Tetanus	—	6	4	94	94	122
Tuberculosis, new active	452	567	—	30,273	31,089	—
Tularemia	—	3	2	138	160	160
Typhoid fever	6	16	5	426	660	380
Typhus, tick-borne (Rky. Mt. spotted fever)	1	2	2	774	638	451
Venereal Diseases:						
Gonorrhea	13,134	12,640	—	913,749	850,309	—
Syphilis, primary and secondary	305	306	—	24,913	24,606	—
Rabies in animals	29	42	63	2,859	3,301	3,301

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Poliomyelitis, total:	5
Botulism:	21	Paralytic:	5
Congenital rubella syndrome:	47	Psittacosis: Calif.-1, Pa.-1, Wis.-1	158
Leprosy: Calif.-2	101	Rabies in man:	—
Leptospirosis:	47	Trichinosis: N.C.-1	90
Plague:	7	Typhus, murine:	25

SALMONELLOSIS — Continued

identical phage lysis pattern (488 458 3327C) and antibiogram (multiply sensitive). The remainder of the turtles were quarantined and later destroyed.

The turtles were originally a part of a lot of 16,000 turtles (D-96040) from Louisiana that was certified on July 30, 1974, as *Salmonella*- and *Arizona*-free in compliance with Food and Drug Administration (FDA) regulations. One thousand turtles from this lot were shipped to 1 California distributor who then shipped 500 of these turtles to a second California distributor; the second distributor shipped approximately 100 of the turtles to the Oregon pet store on September 12. The remainder of the turtles were distributed within California.

On September 14 the FDA regional laboratory in Texas reported that lot D-96040 was contaminated with *Arizona* *sp.*; this finding was confirmed on September 30 by the FDA regional laboratory in Minnesota. On October 8, an order was given for follow-up action, and on October 11, the first California distributor was visited and notified of the contamination. Investigation revealed that this distributor had shipped 1,850 turtles under lot number D-96040. The source of the

excess turtles shipped under the lot certification was not determined.

(Reported by Jo Furlong, RN, Nurse Epidemiologist, and Frank Watts, DVM, Public Health Veterinarian, Multnomah County Communicable Disease Control; Ramsay Burdett, DVM, Disease Control Laboratory Supervisor, Oregon State Department of Agriculture; Monroe Holmes, DVM, State Public Health Veterinarian, Oregon State Board of Health; Ichiro Kamei, MD, Chief, Acute Communicable Disease Control Division, Los Angeles County Health Department; Ed Baer, DVM, Veterinary Epidemiologist, and S. Benson Werner, MD, Medical Epidemiologist, Infectious Disease Section, California State Department of Health; John Harris, Supervisory Investigator, Los Angeles District Office, and Bob Mitchell, Sanitarian, Interstate Travel Branch, FDA.)

Editorial Note

As reported previously (MMWR, Vol. 23, No. 24), FDA is considering 2 alternatives to prevent such outbreaks. These alternatives are a ban on interstate shipment of turtles and a revision of certification procedures. Presently, Louisiana shippers have voluntarily stopped shipping turtles in the United States.

INTERNATIONAL NOTES**CHOLERA — Portugal**

Portugal was declared free from cholera on November 29, 1974. The first cases of the disease were reported on May 11, and from that date a total of 2,241 cases with 38 deaths were reported. During this period, 10 imported cases originating from Portugal were reported from 5 coun-

tries in Europe: Federal Republic of Germany 3, France 2, Spain 1, Sweden 1, and the United Kingdom 3.

(Reported by the World Health Organization: Weekly Epidemiological Record 49(49):408, 6 Dec 1974.)

INFLUENZA — France, Spain, Switzerland

In France as of November 29, 1974, a localized outbreak of influenza-like illness was observed in Troyes (150 km southeast of Paris) where 3 strains of a virus antigenically close to A/Port Chalmers/1/73 were isolated. An outbreak of influenza-like disease was reported in Paris the previous week.

In Spain between November 18 and 22, a small epidemic of influenza-like illness, affecting about 0.5% of the general population, was observed in and around Madrid. All age groups, but mostly adults, were involved. Four strains of

virus A were isolated. Three of them were identified and appeared to be antigenically similar to A/Port Chalmers/1/73.

In Switzerland as of November 30, the number of notifications of cases of influenza-like illness was still low; however, 4 strains of virus were isolated in St. Gall. Two of them were identified and appeared to be antigenically similar to A/Port Chalmers/1/73. Only scattered cases of influenza-like disease were reported from other areas in Switzerland. (Reported by the World Health Organization: Weekly Epidemiological Record 49(49):412, 6 Dec 1974.)

SURVEILLANCE SUMMARY**TRICHINOSIS — United States, 1973**

In 1973, 124 cases of trichinosis were reported to CDC for the United States. Infection ranged from mild to severe; 1 death occurred for a case-fatality ratio of 8 per 1,000. Twelve outbreaks involving at least 2 cases each were reported in 1973; of the 3 largest, 2 were in New York (City), 1 involving 19 cases and the other 9 cases, and 1 was in Nebraska with 18 cases. The majority of infections were acquired from pork products consumed at home.

Although the annual incidence in 1973 was 29% greater than in the preceding year, the incidence of trichinosis in the United States has gradually declined since 1947. Since 1947, 6,324 cases of trichinosis have been reported in the United States. During the same period, 127 deaths were reported, for a case-fatality ratio of 20 per 1,000.

Analysis of case reports on 124 patients in 1973 showed a median age of approximately 31.

Fifty percent of the cases originated from New York (City and State), Nebraska, and Connecticut. Twenty-one of the 50 states reported at least 1 case of trichinosis in 1973. The mean attack rate for the 21 states reporting cases was 0.9 per million. The majority of trichinosis cases (73) were reported from 2 contiguous geographic regions of the United States: the New England (26) and Middle Atlantic (47) regions. The West North Central region ranked third with 18 cases.

(Continued on page 451)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING DECEMBER 28, 1974 AND DECEMBER 29, 1973 (52nd 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		
						1974	1973	1974	1974	1974	1974	1974	Cum. 1974
UNITED STATES	32	10	2,329	10	257	10	37	2	144	520	116	7	265
NEW ENGLAND	1	—	222	—	—	—	1	—	2	30	26	1	12
Maine*	—	—	—	—	—	—	—	—	—	2	3	—	—
New Hampshire*	—	—	—	—	—	—	—	—	—	3	—	—	1
Vermont	—	—	19	—	—	—	—	—	—	1	—	—	1
Massachusetts	1	—	101	—	—	—	1	—	—	4	23	—	2
Rhode Island	—	—	35	—	—	—	—	—	1	7	—	—	3
Connecticut	—	—	67	—	—	—	—	—	1	13	—	1	5
MIDDLE ATLANTIC	7	—	52	—	1	2	7	1	19	58	8	2	52
Upstate New York	4	—	11	—	—	1	—	—	1	22	1	—	17
New York City	—	—	32	—	—	1	—	—	2	6	—	—	18
New Jersey	—	—	NN	—	—	—	3	—	6	16	5	—	8
Pennsylvania	3	—	9	—	1	—	4	1	10	14	2	2	9
EAST NORTH CENTRAL	3	—	1,040	—	2	3	4	—	12	65	9	—	24
Ohio	—	—	13	—	1	1	—	—	—	12	—	—	6
Indiana	—	—	56	—	—	—	1	—	—	—	—	—	—
Illinois	—	—	—	—	1	1	1	—	4	6	2	—	2
Michigan	3	—	578	—	—	1	2	—	6	34	7	—	14
Wisconsin	—	—	393	—	—	—	—	—	2	13	—	—	2
WEST NORTH CENTRAL	—	6	352	—	—	—	17	—	10	30	9	—	7
Minnesota	—	—	3	—	—	—	13	—	2	5	—	—	2
Iowa	—	6	303	—	—	—	1	—	3	5	2	—	3
Missouri*	—	—	5	—	—	—	3	—	4	8	2	—	1
North Dakota	—	—	16	—	—	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—	—	2	—	—	1
Nebraska	—	—	—	—	—	—	—	—	1	2	1	—	—
Kansas	—	—	25	—	—	—	—	—	—	8	4	—	—
SOUTH ATLANTIC	1	2	163	—	1	1	—	—	20	68	11	1	37
Delaware	—	—	3	—	—	—	—	—	—	—	—	—	1
Maryland	—	—	2	—	—	—	—	—	2	3	—	1	8
District of Columbia	—	—	2	—	—	—	—	—	—	—	—	—	5
Virginia*	—	2	34	—	—	—	—	—	8	10	5	—	7
West Virginia	—	—	120	—	—	—	—	—	—	2	—	—	2
North Carolina	—	—	NN	—	1	—	—	—	—	7	1	—	4
South Carolina	—	—	2	—	—	—	—	—	—	4	1	—	1
Georgia	—	—	—	—	—	—	—	—	—	24	—	—	1
Florida	1	—	—	—	—	1	—	—	10	18	4	—	8
EAST SOUTH CENTRAL	1	—	75	—	—	1	1	—	5	19	—	—	10
Kentucky	—	—	30	—	—	—	1	—	1	7	—	—	6
Tennessee	1	—	NN	—	—	1	—	—	1	9	—	—	1
Alabama	—	—	39	—	—	—	—	—	2	2	—	—	—
Mississippi	—	—	6	—	—	—	—	—	1	1	—	—	3
WEST SOUTH CENTRAL	8	1	203	1	10	—	4	1	7	82	8	—	17
Arkansas*	—	—	—	—	—	—	—	1	—	6	1	—	1
Louisiana*	—	—	NN	—	—	—	—	—	—	2	1	—	1
Oklahoma	—	1	3	1	1	—	2	—	6	3	—	—	6
Texas	8	—	200	—	9	—	2	—	1	71	6	—	9
MOUNTAIN	—	—	80	6	46	—	1	—	15	35	16	—	12
Montana	—	—	43	—	—	—	—	—	2	10	—	—	—
Idaho	—	—	—	—	—	—	—	—	—	4	1	—	—
Wyoming	—	—	1	—	—	—	—	—	—	4	—	—	—
Colorado	—	—	32	—	3	—	1	—	7	3	6	—	5
New Mexico	—	—	1	—	17	—	—	—	1	1	—	—	3
Arizona	—	—	—	6	26	—	—	—	2	3	2	—	2
Utah	—	—	2	—	—	—	—	—	2	4	7	—	1
Nevada	—	—	1	—	—	—	—	—	1	6	—	—	1
PACIFIC	11	1	142	3	197	3	2	—	54	133	29	3	94
Washington	2	—	125	3	186	2	1	—	3	13	8	—	—
Oregon	2	—	1	—	—	—	—	—	3	14	—	—	2
California*	7	1	—	—	7	1	1	—	47	100	20	3	87
Alaska	—	—	—	—	4	—	—	—	—	—	—	—	—
Hawaii	—	—	16	—	—	—	—	—	1	6	1	—	5
Guam*	---	---	---	---	—	---	—	---	---	---	---	---	2
Puerto Rico	---	---	---	---	1	---	—	---	---	---	---	---	1
Virgin Islands	---	---	---	---	—	---	—	---	---	---	---	---	3

*Delayed reports: Aseptic meningitis: Me. 1
 Chickenpox: Me. 15, N.H. 1, Calif. 19, Guam 7
 Hepatitis B: Mo. 1
 Hepatitis A: N.H. 1, Ark. delete 1, La. delete 1, Guam 4
 Hepatitis unspecified: Va. delete 1, Guam 2

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING DECEMBER 28, 1974 AND DECEMBER 29, 1973 (52nd WEEK) — Continued

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		PERTUSSIS	RUBELLA		TETANUS
	1974	Cumulative		1974	Cumulative		1974	Cum. 1974	1974	1974	Cum. 1974	Cum. 1974
		1974	1973		1974	1973						
UNITED STATES	126	22,085	26,718	13	1,327	1,355	876	57,407	32	100	11,836	94
NEW ENGLAND	5	965	7,671	—	79	56	57	6,751	—	11	1,216	1
Maine *	—	45	74	—	4	2	1	899	—	1	297	—
New Hampshire *	1	212	1,049	—	11	7	1	306	—	—	23	1
Vermont	—	56	122	—	13	3	—	21	—	—	43	—
Massachusetts	4	408	3,959	—	18	16	24	1,164	—	9	380	—
Rhode Island	—	61	648	—	11	3	13	2,676	—	—	20	—
Connecticut	—	183	1,819	—	22	25	18	1,685	—	1	453	—
MIDDLE ATLANTIC	7	8,331	2,962	—	194	188	75	4,300	1	3	1,180	8
Upstate New York	1	1,001	827	—	70	65	49	1,166	—	—	270	2
New York City	2	646	953	—	42	36	3	794	1	2	174	2
New Jersey	4	5,714	773	—	53	52	16	783	—	—	473	2
Pennsylvania	—	970	409	—	29	35	7	1,557	—	1	263	2
EAST NORTH CENTRAL	58	8,608	9,268	—	177	186	351	17,416	6	24	3,862	11
Ohio	—	3,075	404	—	67	79	11	3,579	—	4	546	2
Indiana	1	285	713	—	21	7	28	1,455	—	6	645	—
Illinois	8	2,199	2,231	—	13	28	47	1,634	4	2	633	3
Michigan	31	2,365	4,552	—	54	54	106	7,230	—	6	1,388	5
Wisconsin	18	684	1,368	—	22	18	159	3,518	2	6	650	1
WEST NORTH CENTRAL	1	823	471	3	106	95	68	3,567	1	4	274	14
Minnesota	—	85	25	3	36	13	—	100	—	—	16	2
Iowa	—	134	283	—	15	22	23	1,983	—	—	15	1
Missouri *	1	277	56	—	32	34	6	460	1	—	49	5
North Dakota	—	37	71	—	3	3	7	111	—	—	19	3
South Dakota	—	28	3	—	3	6	—	3	—	—	26	—
Nebraska	—	94	6	—	3	7	—	93	—	—	6	—
Kansas	—	168	27	—	14	10	32	817	—	4	143	3
SOUTH ATLANTIC	2	607	1,333	3	256	229	42	6,572	2	3	1,371	25
Delaware	—	16	10	—	5	3	—	106	—	—	31	—
Maryland	—	24	14	—	25	33	—	151	—	—	5	1
District of Columbia	—	3	9	—	1	5	—	51	—	—	4	—
Virginia	—	38	430	—	42	47	20	783	—	—	66	4
West Virginia *	1	231	232	—	9	7	7	3,448	2	2	317	1
North Carolina	—	5	4	—	52	43	NN	NN	—	—	57	4
South Carolina	—	57	79	—	22	13	2	145	—	—	685	4
Georgia	—	4	156	—	8	24	—	1	—	—	3	1
Florida	1	229	399	3	92	54	13	1,887	—	1	203	10
EAST SOUTH CENTRAL	—	291	641	1	131	129	100	7,144	10	5	682	7
Kentucky	—	198	404	1	51	48	39	3,220	2	—	224	1
Tennessee	—	57	165	—	56	45	58	2,897	8	5	373	2
Alabama	—	21	14	—	14	19	3	624	—	—	66	1
Mississippi	—	15	58	—	10	17	—	403	—	—	19	3
WEST SOUTH CENTRAL	4	261	754	1	207	213	64	4,485	4	30	577	11
Arkansas	—	7	73	—	14	14	1	255	—	—	26	—
Louisiana	—	14	90	—	50	51	—	325	—	23	178	4
Oklahoma	—	30	66	1	22	35	1	414	1	—	58	3
Texas	4	210	525	—	121	113	62	3,491	3	7	315	4
MOUNTAIN	20	895	1,113	1	43	39	16	1,256	—	3	455	—
Montana	—	373	358	—	1	10	4	183	—	—	69	—
Idaho	—	54	256	—	3	4	2	162	—	—	22	—
Wyoming	8	14	81	—	3	1	—	10	—	1	2	—
Colorado	12	156	112	—	9	11	5	616	—	2	169	—
New Mexico	—	62	154	—	3	3	—	185	—	—	128	—
Arizona	—	21	22	—	10	6	—	—	—	—	2	—
Utah	—	15	129	1	10	2	—	77	—	—	27	—
Nevada	—	200	1	—	4	2	5	23	—	—	36	—
PACIFIC	29	1,304	2,505	4	134	220	103	5,916	8	17	2,219	17
Washington	—	78	1,112	1	19	23	59	2,197	1	13	455	1
Oregon	17	24	460	2	19	17	2	851	—	—	239	2
California	12	1,136	848	1	89	168	42	2,639	7	4	1,508	13
Alaska	—	—	65	—	4	11	—	152	—	—	—	—
Hawaii	—	66	20	—	3	1	—	77	—	—	17	1
Guam	---	20	52	---	2	1	---	376	---	---	9	1
Puerto Rico	---	674	2,031	---	6	11	---	1,225	---	---	35	5
Virgin Islands	---	30	7	---	—	—	---	45	---	---	—	2

*Delayed reports: Measles: Mo. delete 1
Meningococcal infections: Mo. 2
Mumps: Me. 6, N.H. 2, W. Va. 10

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING DECEMBER 28, 1974 AND DECEMBER 29, 1973 (52nd WEEK) - Continued

AREA	TUBERCULOSIS (New Active)		TULA- REMIA	TYPHOID FEVER		TYPHUS-FEVER TICK-BORNE (Rky. Mt. spotted fever)		VENEREAL DISEASES						RABIES IN ANIMALS
	1974	Cum. 1974	Cum. 1974	1974	Cum. 1974	1974	Cum. 1974	GONORRHEA		SYPHILIS (Pri. & Sec.)		Cum. 1974		
								1974	Cumulative	1974	Cumulative			
								1974	1973	1974	1973			
UNITED STATES	452	30,273	138	6	426	1	774	13,134	913,749	850,309	305	24,913	24,606	2,859
NEW ENGLAND	30	1,219	—	2	26	—	8	186	24,350	20,846	7	513	611	25
Maine *	1	92	—	—	1	—	—	17	2,079	1,360	1	47	26	3
New Hampshire	2	31	—	—	1	—	—	16	850	821	—	13	11	3
Vermont	—	24	—	—	1	—	—	5	642	353	—	2	21	1
Massachusetts	21	671	—	2	16	—	6	—	10,979	8,653	—	217	277	4
Rhode Island	—	106	—	—	2	—	2	36	2,169	2,094	—	20	15	4
Connecticut	6	295	—	—	5	—	—	112	7,631	7,565	6	214	261	10
MIDDLE ATLANTIC	67	5,510	2	—	69	—	73	1,830	109,043	117,091	77	5,310	5,477	84
Upstate New York	12	859	2	—	15	—	28	230	20,464	20,407	10	498	398	41
New York City	34	2,109	—	—	35	—	3	621	46,774	51,725	36	3,040	3,257	—
New Jersey	13	1,005	—	—	12	—	4	288	14,947	17,700	12	849	989	25
Pennsylvania	8	1,537	—	—	7	—	38	691	26,858	27,259	19	923	833	18
EAST NORTH CENTRAL	72	4,173	7	—	41	—	26	2,632	146,185	132,260	41	2,139	2,277	198
Ohio	31	1,093	—	—	6	—	17	244	38,756	32,283	11	339	277	26
Indiana	13	611	—	—	5	—	1	333	13,814	11,932	9	186	277	14
Illinois	22	1,221	4	—	17	—	6	1,171	47,267	45,973	13	1,105	1,173	46
Michigan	6	1,124	—	—	11	—	2	557	32,153	31,145	6	410	474	7
Wisconsin	—	124	3	—	2	—	—	327	14,195	10,927	2	99	76	105
WEST NORTH CENTRAL	21	1,186	22	—	13	—	17	1,076	48,032	42,900	10	641	396	755
Minnesota	4	182	—	—	5	—	—	125	10,320	8,699	—	87	101	261
Iowa	—	125	—	—	2	—	1	448	6,236	5,141	3	40	56	130
Missouri	14	580	19	—	4	—	9	321	16,142	14,157	6	417	195	38
North Dakota	—	32	—	—	—	—	—	3	761	712	—	3	2	112
South Dakota	—	66	3	—	—	—	2	22	2,259	2,126	1	3	5	134
Nebraska	1	41	—	—	—	—	—	97	4,177	5,020	—	12	14	5
Kansas	2	160	—	—	2	—	5	60	8,137	7,045	—	79	23	75
SOUTH ATLANTIC	90	6,356	10	1	54	1	416	2,903	230,489	205,106	82	7,795	7,229	401
Delaware	1	98	—	—	—	—	10	19	3,181	2,914	—	85	89	1
Maryland	12	816	1	—	8	—	48	129	24,893	18,178	—	716	723	27
District of Columbia	—	358	—	—	1	—	—	210	16,196	17,927	9	672	832	—
Virginia	11	789	4	—	3	—	135	516	20,993	19,934	—	727	792	113
West Virginia	2	294	—	—	13	—	5	46	2,715	2,992	—	19	24	32
North Carolina	7	931	3	1	5	1	113	—	31,385	29,172	—	959	675	39
South Carolina	—	554	—	—	5	—	55	—	22,612	21,308	—	792	1,185	6
Georgia	36	995	2	—	3	—	48	854	46,991	40,412	13	900	962	137
Florida	21	1,521	—	—	16	—	2	1,129	61,523	52,269	60	2,925	1,947	46
EAST SOUTH CENTRAL	31	2,669	14	2	60	—	119	1,052	75,472	68,976	13	1,260	1,342	237
Kentucky *	16	571	3	1	19	—	21	152	9,451	8,255	3	269	359	145
Tennessee	13	851	6	1	31	—	66	333	30,217	26,714	—	470	470	54
Alabama	—	791	2	—	4	—	14	431	20,784	19,808	8	254	195	35
Mississippi	2	456	3	—	6	—	18	136	15,020	14,199	2	267	318	3
WEST SOUTH CENTRAL	25	3,411	60	—	28	—	105	628	119,032	110,356	4	2,237	2,626	608
Arkansas	1	425	31	—	6	—	14	315	11,954	12,655	—	98	137	77
Louisiana	2	463	3	—	9	—	1	63	23,344	23,602	—	556	792	26
Oklahoma	1	291	18	—	2	—	72	250	11,494	9,889	4	152	174	164
Texas	21	2,232	8	—	11	—	18	—	72,240	64,210	—	1,431	1,523	341
MOUNTAIN	39	990	14	—	18	—	7	596	34,967	29,026	11	598	634	174
Montana	7	84	—	—	—	—	1	52	1,940	1,595	—	7	5	7
Idaho	2	39	—	—	—	—	1	38	1,810	2,070	1	14	10	—
Wyoming	1	28	6	—	3	—	1	16	779	536	—	11	31	11
Colorado	14	201	—	—	—	—	1	108	9,591	8,063	—	152	205	27
New Mexico	7	195	2	—	4	—	2	70	5,383	5,016	3	99	118	78
Arizona	7	343	—	—	8	—	—	176	9,746	7,993	7	216	182	50
Utah	1	44	6	—	—	—	1	68	2,174	1,781	—	15	14	1
Nevada	—	56	—	—	3	—	—	68	3,544	1,972	—	84	69	—
PACIFIC	77	4,759	9	1	117	—	3	2,231	126,179	123,748	60	4,420	4,014	377
Washington	7	333	—	—	13	—	1	204	12,046	11,932	—	93	157	—
Oregon	4	209	2	—	1	—	2	188	11,508	10,955	1	114	61	6
California	59	3,741	7	1	97	—	—	1,756	97,104	95,821	57	4,164	3,711	358
Alaska	—	112	—	—	2	—	—	60	3,085	2,766	—	17	16	13
Hawaii	7	364	—	—	4	—	—	23	2,436	2,274	2	32	69	—
Guam *	---	33	—	---	1	---	—	---	329	437	---	5	5	—
Puerto Rico	---	526	—	---	4	---	—	---	3,215	4,146	---	847	703	51
Virgin Islands	—	4	—	—	—	—	—	2	301	242	1	47	32	—

*Delayed reports: TB: Ky. delete 3, Guam 2
Gonorrhea: Me. delete 1, Guam 5

Week No.
52

TABLE IV. DEATHS IN 121 UNITED STATES CITIES FOR WEEK ENDING DECEMBER 28, 1974

(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	624	400	167	30	16	32	SOUTH ATLANTIC	985	571	272	88	17	40
Boston, Mass.	176	88	57	15	9	9	Atlanta, Ga.	140	73	40	20	2	2
Bridgeport, Conn.	39	30	7	2	—	3	Baltimore, Md.	241	141	73	15	4	4
Cambridge, Mass.	21	17	4	—	—	—	Charlotte, N. C.	56	24	20	6	1	—
Fall River, Mass.	30	25	4	—	1	—	Jacksonville, Fla.	80	37	26	9	2	—
Hartford, Conn.	46	30	12	3	1	2	Miami, Fla.	96	71	17	5	2	10
Lowell, Mass.	22	14	7	—	1	3	Norfolk, Va.	49	24	15	8	1	5
Lynn, Mass.	15	11	4	—	—	1	Richmond, Va.	66	43	17	3	1	3
New Bedford, Mass.	27	22	5	—	—	3	Savannah, Ga.	26	12	9	—	1	1
New Haven, Conn.	58	33	20	4	—	—	St. Petersburg, Fla.	69	60	9	—	—	2
Providence, R. I.	58	34	21	2	1	2	Tampa, Fla.	78	47	19	10	2	10
Somerville, Mass.	10	8	2	—	—	2	Washington, D. C.	54	21	19	11	—	1
Springfield, Mass.	49	36	9	1	2	3	Wilmington, Del.	30	18	8	1	1	2
Waterbury, Conn.	32	23	6	1	—	—							
Worcester, Mass.	41	29	9	2	1	4							
MIDDLE ATLANTIC	2,599	1,690	619	130	63	112	EAST SOUTH CENTRAL	401	260	109	17	4	19
Albany, N. Y.	51	32	11	2	3	1	Birmingham, Ala.	70	39	23	1	1	2
Allentown, Pa.	17	11	5	—	1	3	Chattanooga, Tenn.	37	27	8	1	—	5
Buffalo, N. Y.	155	105	35	5	3	7	Knoxville, Tenn.	24	19	6	1	—	1
Camden, N. J.	43	29	7	3	2	1	Louisville, Ky.	41	20	16	1	1	1
Elizabeth, N. J.	19	13	5	—	1	—	Memphis, Tenn.	122	89	23	10	—	4
Erie, Pa.	32	21	10	—	1	3	Mobile, Ala.	15	10	4	—	1	—
Jersey City, N. J.	61	32	21	2	3	1	Montgomery, Ala.	32	20	10	—	1	4
Newark, N. J.	62	32	16	5	4	2	Nashville, Tenn.	60	36	19	3	—	2
New York City, N. Y.	1,296	850	296	72	27	52							
Paterson, N. J.	41	25	11	2	1	4	WEST SOUTH CENTRAL	910	493	252	79	41	35
Philadelphia, Pa.	305	192	83	14	4	6	Austin, Tex.	30	16	11	1	—	4
Pittsburgh, Pa.	169	98	49	9	9	14	Baton Rouge, La.	34	19	8	2	2	4
Reading, Pa.	34	32	2	—	—	4	Corpus Christi, Tex.	33	23	5	2	3	—
Rochester, N. Y.	117	86	20	9	—	4	Dallas, Tex.	127	61	37	11	8	2
Schenectady, N. Y.	19	13	6	—	—	1	El Paso, Tex.	28	16	2	4	1	1
Scranton, Pa.	22	17	3	2	—	—	Fort Worth, Tex.	45	22	14	2	6	—
Syracuse, N. Y.	79	46	22	3	4	1	Houston, Tex.	264	128	84	32	8	4
Trenton, N. J.	26	21	5	—	—	1	Little Rock, Ark.	36	16	14	4	1	4
Utica, N. Y.	21	15	5	1	—	1	New Orleans, La.	122	65	36	11	5	2
Yonkers, N. Y.	30	20	7	1	—	6	San Antonio, Tex.	94	60	22	5	4	9
							Shreveport, La.	31	22	8	—	1	2
							Tulsa, Okla.	66	45	11	5	2	3
EAST NORTH CENTRAL	2,205	1,281	601	155	85	62	MOUNTAIN	482	286	120	26	21	13
Akron, Ohio	61	38	12	4	1	—	Albuquerque, N. Mex.	31	19	5	3	3	2
Canton, Ohio	38	21	10	3	2	2	Colorado Springs, Colo.	32	19	6	1	1	2
Chicago, Ill.	576	305	158	56	28	19	Denver, Colo.	126	76	32	6	5	2
Cincinnati, Ohio	138	89	39	4	6	—	Las Vegas, Nev.	28	9	10	5	—	—
Cleveland, Ohio	156	81	54	12	5	4	Ogden, Utah	24	16	6	—	—	3
Columbus, Ohio	130	77	31	7	11	3	Phoenix, Ariz.	111	65	29	4	5	2
Dayton, Ohio	88	52	22	3	5	1	Pueblo, Colo.	11	7	4	—	—	—
Detroit, Mich.	308	171	88	29	8	12	Salt Lake City, Utah	45	30	7	2	5	1
Evansville, Ind.	47	34	8	3	1	—	Tucson, Ariz.	74	45	21	5	2	1
Fort Wayne, Ind.	35	25	7	—	2	2							
Gary, Ind.	15	4	7	3	—	1	PACIFIC	1,533	944	376	91	55	19
Grand Rapids, Mich.	47	34	9	1	2	4	Berkeley, Calif.	20	18	1	1	—	—
Indianapolis, Ind.	121	72	32	7	7	3	Fresno, Calif.	50	25	16	1	5	4
Madison, Wis.	30	13	12	1	1	—	Glendale, Calif.	27	20	5	1	1	1
Milwaukee, Wis.	94	70	22	—	1	3	Honolulu, Hawaii	62	23	22	4	8	—
Peoria, Ill.	79	40	22	14	2	—	Long Beach, Calif.	75	45	22	4	3	—
Rockford, Ill.	45	29	12	1	2	3	Los Angeles, Calif.	491	310	127	26	10	5
South Bend, Ind.	53	35	12	4	—	2	Oakland, Calif.	57	39	7	6	1	—
Toledo, Ohio	84	55	23	3	—	3	Pasadena, Calif.	31	20	3	5	1	—
Youngstown, Ohio	60	36	21	—	1	—	Portland, Ore.	115	76	20	9	3	1
							Sacramento, Calif.	75	49	16	4	—	—
WEST NORTH CENTRAL	734	468	161	40	43	22	San Diego, Calif.	102	64	21	6	5	1
Des Moines, Iowa	53	39	7	1	4	3	San Francisco, Calif.	158	93	43	11	5	4
Duluth, Minn.	20	11	7	1	1	—	San Jose, Calif.	46	31	12	1	1	2
Kansas City, Kans.	29	15	9	2	2	—	Seattle, Wash.	145	83	40	8	10	—
Kansas City, Mo.	113	65	27	9	7	5	Spokane, Wash.	44	27	11	2	2	1
Lincoln, Nebr.	14	11	3	—	—	1	Tacoma, Wash.	35	21	10	2	—	—
Minneapolis, Minn.	85	61	16	3	3	5							
Omaha, Nebr.	72	43	19	4	3	1							
St. Louis, Mo.	200	121	41	15	16	—							
St. Paul, Minn.	89	64	20	2	3	3							
Wichita, Kans.	59	38	12	3	4	4							
Total	10,473	6,393	2,677	656	345	354							
Expected Number	13,051	7,904	3,450	819	408	500							

*Estimate based on average percent of divisional total

TRICHINOSIS — Continued

Of the 113 cases where onset by month was known, 65 (58%) occurred from January through April. This trend toward a seasonal pattern is unlike the preceding 5 years where no seasonal pattern was recognized. In addition, 11 of the 12 outbreaks involving 2 or more cases occurred during this period.

In the 108 cases of trichinosis where the source of infection was known, pork products were incriminated in 100 (93%) (Table 1). Sausage was implicated as the product responsible for infection in 40 (91%) of 44 reports naming a pork product.

Table 1
Trichinosis Cases by Source of Infection — United States, 1973

Food	Cases
Pork Products	
Sausage	40
Chops	3
Bacon	1
Unspecified	56
Subtotal	100
Non-Pork Products	
Hamburger	3
Bear	5
Unknown	16
Total	124

Of 108 people who specified the source of the suspect meat, 103 (95%) purchased the meat from commercial sources, while 5 persons obtained the meat directly from wildlife sources.

Uncooked or undercooked meat was implicated as the source of infection in 72 (73%) of 98 cases where preparation of the meat was known. Twenty-six persons indicated that cooked meat was responsible for their infection.

The decline in incidence of trichinosis is reflected in the declining prevalence of the disease. A review of the results of 2 prevalence studies (1) showed that an estimated 12% of the American population was infected with trichinae in

1940 (2, 3) compared with 2.2% in 1970 (3, 4). Similar estimates for prevalences with live trichinae indicated that 7.3% of Americans had live trichinae in their diaphragms in 1940 compared with 0.7% in 1970.

The decline in the prevalence of human trichinosis parallels a similar decrease in swine trichinosis. The prevalence of trichinosis in farm-raised hogs which comprise about 90% of marketed hogs declined from 9.5 infected animals per 1,000 in the 1930's (5) to 1.25 per 1,000 during 1966-70 (6). The rate for garbage-fed swine similarly decreased from 110 per 1,000 in 1950 to 51.1 per 1,000 in 1966-70.

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

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A copy of the original report from which these data were derived is available on request from

Center for Disease Control
Attn: Parasitic Diseases and Veterinary
Public Health Division
Bureau of Epidemiology
Atlanta, Georgia 30333

CURRENT TRENDS

TREND OF INFECTIOUS SYPHILIS (PROVISIONAL DATA) — October 1974

During October 1974, primary and secondary syphilis cases increased 1.0% above the number reported in October 1973. During the first 10 months (Jan.-Oct.) of calendar year 1974 such cases increased 1.3% over the number reported

ed in the same time period of the previous year. Four areas accounting for 65% of the 10-month increase accounted for 27.2% of the October increase.

(Table on following page)

SYPHILIS - Continued

Table 2
SUMMARY OF REPORTED PRIMARY AND SECONDARY SYPHILIS CASES BY REPORTING AREA:
OCTOBER 1974 and OCTOBER 1973 - PROVISIONAL DATA

Reporting Area	October		Calendar Year Cumulative January-October	
	1974	1973	1974	1973
Connecticut	18	26	156	217
Maine	3	1	33	22
Massachusetts	60	87	531	649
New Hampshire	2	2	9	9
Rhode Island	2	0	15	17
Vermont	1	4	2	20
DHEW REGION I TOTAL	86	120	746	934
New Jersey	53	92	714	847
New York (Excl. NYC)	44	52	443	352
New York City	239	278	2,572	2,817
DHEW REGION II TOTAL	336	422	3,729	4,016
Delaware	7	5	72	77
District of Columbia	50	52	534	651
Maryland (Excl. Baltimore)	26	30	208	227
Baltimore	34	63	414	511
Pennsylvania (Excl. Philadelphia)	27	26	198	222
Philadelphia	69	58	575	440
Virginia	48	90	636	671
West Virginia	6	2	20	16
DHEW REGION III TOTAL	267	326	2,657	2,815
Alabama	26	23	208	160
Florida	284	193	2,400	1,641
Georgia (Excl. Atlanta)	47	76	563	673
Atlanta*	47	34	418	457
Kentucky	23	50	243	315
Mississippi	50	21	235	285
North Carolina	73	82	774	549
South Carolina	67	80	604	638
Tennessee	32	33	391	372
DHEW REGION IV TOTAL	649	592	5,836	5,090
Illinois (Excl. Chicago)	16	16	217	164
Chicago	63	73	691	788
Indiana (Excl. Indianapolis)	7	21	101	176
Indianapolis*	6	3	43	67
Michigan	35	47	357	427
Minnesota	4	8	64	83
Ohio	41	20	268	232
Wisconsin	8	4	89	65
DHEW REGION V TOTAL	180	192	1,830	2,002

*County Data.

Note: Cumulative totals include revised and delayed reports through previous months.
Source: HSM 9.98 CDC, VD Branch, Atlanta, Ga. 30333.

Reporting Area	October		Calendar Year Cumulative January-October	
	1974	1973	1974	1973
Arkansas	8	9	85	115
Louisiana	43	66	515	692
New Mexico	14	7	78	63
Oklahoma	12	9	111	143
Texas	144	110	1,196	1,300
DHEW REGION VI	221	201	1,985	2,313
Iowa	2	7	36	49
Kansas	15	4	69	20
Missouri	27	25	353	143
Nebraska	0	3	10	13
DHEW REGION VII TOTAL	44	39	468	225
Colorado	24	15	123	168
Montana	2	1	4	3
North Dakota	1	0	7	2
South Dakota	0	0	2	5
Utah	0	0	10	12
Wyoming	0	1	2	4
DHEW REGION VIII TOTAL	27	17	148	194
Arizona	23	20	213	153
California (Excl. LA & SF)	117	101	1,030	979
Los Angeles*	194	131	1,605	1,488
San Francisco*	95	76	757	516
Hawaii	3	3	25	45
Nevada	4	2	51	55
DHEW REGION IX TOTAL	436	333	3,681	3,236
Alaska	4	0	8	13
Idaho	1	0	10	9
Oregon	22	6	94	40
Washington	12	14	107	135
DHEW REGION X TOTAL	39	20	219	197
UNITED STATES TOTAL	2,285	2,262	21,299	21,022
Puerto Rico	91	85	763	661
Virgin Islands	2	5	25	30
U.S. INCL. TERR.	2,378	2,352	22,087	21,713

Erratum, Vol. 23, No. 48, p. 415

In the article "Follow-up: Introduced Malaria - Cali-

The Morbidity and Mortality Weekly Report, circulation 41,500, is published by the Center for Disease Control, Atlanta, Ga.

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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.

fornia" the following county was inadvertently omitted from the title of Figure 1: Butte County.

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