

Morbidity and Mortality



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WEEKLY
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Week Ending
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EPIDEMIOLOGIC NOTES AND REPORTS GASTROINTESTINAL ILLNESS - Montana

Forty-one percent of approximately 1,500 guests who visited a ski resort in Big Sky, Montana, between December 23, 1974, and January 17, 1975, experienced a gastrointestinal illness (Figure 1). Of 314 randomly sampled guests, 129 (41%) had symptoms: nausea (41%), diarrhea (71%), abdominal pain (62%), or vomiting (61%), often accompanied by lethargy (72%), myalgias (49%), headache (41%), or fever (36%). The median interval between arrival at the resort and onset of illness was 57 hours, and the median duration of illness was 12-24 hours. Stool cultures from 7 persons were negative for salmonella and shigella.

Investigation revealed a statistically significant association between amounts of water consumed at the resort and

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United States, February 1975	142

illness ($p < .005$) (Figure 2). Positive coliform counts from several points in the water distribution system at the resort and from 1 of the 2 wells which served as the water supply suggested contaminated well water as the source of illness. Chlorination of the previously untreated water distribution

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

DISEASE	16th WEEK ENDING		MEDIAN 1970-1974	CUMULATIVE, FIRST 16 WEEKS		
	April 19, 1975	April 20, 1974		1975	1974	MEDIAN 1970-1974
Aseptic meningitis	36	31	31	568	525	525
Brucellosis	4	4	2	48	34	36
Chickenpox	3,516	3,485	---	64,764	59,870	---
Diphtheria	14	6	3	147	75	67
Encephalitis	12	14	17	202	263	297
	6	7	8	79	62	84
Hepatitis, Viral	255	181	168	3,355	2,772	2,623
	670	774	999	11,079	13,595	17,387
	167	194	---	2,401	2,630	---
Malaria	8	4	13	82	47	434
Measles (rubeola)	887	1,143	1,301	8,866	9,938	14,145
Meningococcal infections, total	41	30	38	546	546	548
	39	29	38	530	533	533
	2	1	2	16	13	25
Mumps	2,048	1,275	2,261	25,123	26,475	33,979
Pertussis	17	16	---	347	403	---
Rubella (German measles)	843	425	1,424	6,586	4,939	14,456
Tetanus	2	1	2	20	15	22
Tuberculosis	696	549	---	9,378	8,860	---
Typhoid fever	3	1	1	17	28	30
Typhus, tick-borne (Rky. Mt. spotted fever)	5	6	5	74	97	78
	1	4	2	17	20	13
Veneral Diseases:						
Gonorrhea	16,692	16,755	---	282,337	259,012	---
	406	573	---	8,870	8,479	---
Syphilis, primary and secondary	567	487	---	8,053	7,515	---
	6	9	---	106	139	---
Rabies in animals	28	49	82	605	893	1,086

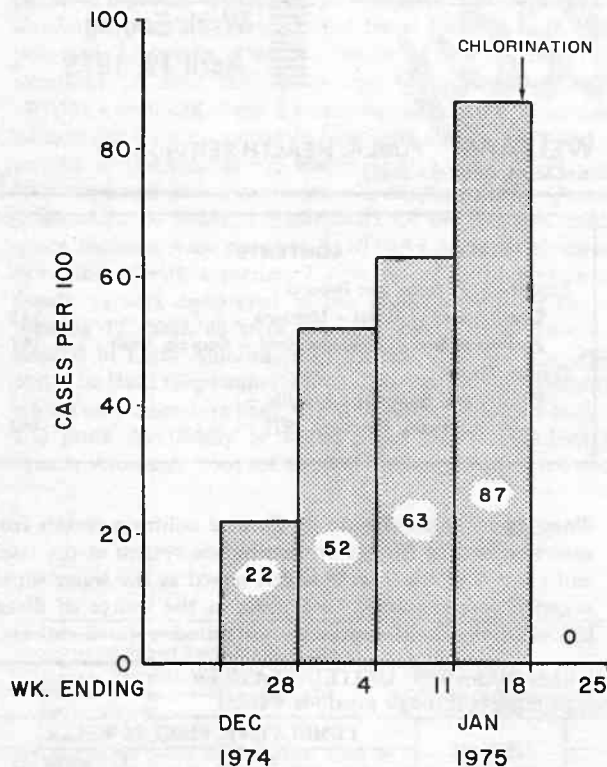
TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	---	Poliomyelitis, total:	2
Botulism:	9	Paralytic:	1
Congenital rubella syndrome:	6	Psittacosis:*	12
Leprosy: Calif. 5	70	Puerto Rico 6	1
Leptospirosis:*	12	Rabies in man:	35
N.J. 1	1	Trichinosis: N.J. 2, Utah 2	6
Plague:	---	Typhus, murine:	---

*Delayed reports: Leptospirosis: Mo. delete 1
Delaware: 1

GASTROINTESTINAL ILLNESS — Continued

Figure 1
PERCENTAGE OF SKI LODGE GUESTS WITH
GASTROINTESTINAL ILLNESS, BY WEEK
DECEMBER 23, 1974—JANUARY 25, 1975

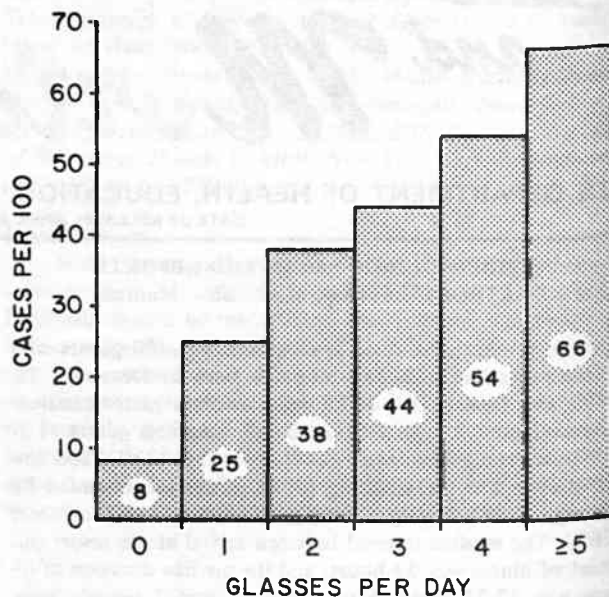


system on January 17 coincided with the termination of the outbreak.

Yersinia enterocolitica was isolated from unchlorinated well water samples collected 15 and 40 days after termination of the outbreak; no isolates were recovered from rectal swabs of 104 persons cultured 4-6 weeks after their illness. The 7 acute cultures were not specifically examined for *Y. enterocolitica*.

(Reported by Gloria Chadwick, Carl Johnson, Lee Meyers, MD, Big Sky of Montana, Inc.; Gary Van Auken, General Manager, ski lodge; Mark Stoopler, medical student; Jacqueline Stonnell, public health nurse, Emery Nelson, Larry E Wallace, sanitarians, John S Mest, MD, health officer, Gallatin County Health Department; Chris Kraft, sanitarian, Madison and Beaverhead Counties Health Department; M Richard Nelson, Steven C Linder, field health officers, Charlotte Knaub, public health nurse, Mary Miller, Recí F Fosiena,

Figure 2
GASTROINTESTINAL ILLNESS ATTACK RATES
IN SKI LODGE GUESTS, BY WATER PREFERENCE
DECEMBER 23, 1974—JANUARY 17, 1975



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Editorial Note

Although epidemiologic and laboratory evidence suggests that the vehicle of transmission was water, the etiologic agent for this outbreak is unknown. The significance of isolating *Y. enterocolitica* from the water is unclear since it is not known how common this organism is in wells from this area. In a study in Oslo, Norway, *Y. enterocolitica* was found in 10 of 50 randomly selected drinking water samples not associated with illness (1). In a case report, *Y. enterocolitica* was isolated from the blood of a 75-year-old New York man who had consumed mountain spring water from which a *Y. enterocolitica* strain with the same biotype and serotype was subsequently isolated (2).

References

1. Lassen J: *Yersinia enterocolitica* in drinking water. Scand J Inf Dis 4:125-127, 1972
2. Keet EE: *Yersinia enterocolitica* septicemia. NY State J Med 74:12, p. 2226-2230, 1974

CURRENT TRENDS
PRIMARY AND SECONDARY SYPHILIS
United States — February 1975

In February 1975, 1,972 primary and secondary syphilis cases were reported—an increase of 1.8% over the number reported in February 1974 (provisional data). In the first 2 months (January-February) of calendar year 1975, such cases numbered 4,204—up 5.3% from the 3,993 cases reported in the same time period of the previous year. As has happened

in the past several months, most of the increased number of cases reported in February occur in a small number of reporting areas.

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

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING APRIL 19, 1975 AND APRIL 20, 1974 (16th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCELL- 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		
	1975	1975	1975	1975	Cum. 1975	1975	1974	1975	1975	1975	1975	1975	Cum. 1975
UNITED STATES	36	4	3,516	14	147	12	14	6	255	670	167	8	82
NEW ENGLAND	-	-	446	-	-	1	-	-	6	18	9	-	4
Maine *	-	-	3	-	-	-	-	-	-	-	-	-	1
New Hampshire	-	-	3	-	-	-	-	-	-	4	-	-	-
Vermont	-	-	5	-	-	-	-	-	2	-	-	-	-
Massachusetts	-	-	160	-	-	1	-	-	1	7	8	-	2
Rhode Island	-	-	95	-	-	-	-	-	1	2	-	-	-
Connecticut	-	-	180	-	-	-	-	-	2	5	1	-	1
MIDDLE ATLANTIC	1	-	274	-	-	1	1	-	34	65	17	-	11
Upstate New York	-	-	105	-	-	-	1	-	4	12	1	-	3
New York City	1	-	168	-	-	1	-	-	10	10	-	-	4
New Jersey	-	-	NN	-	-	-	-	-	9	21	15	-	3
Pennsylvania *	-	-	1	-	-	-	-	-	11	22	1	-	1
EAST NORTH CENTRAL	2	-	1,519	1	2	2	4	-	35	146	11	-	1
Ohio *	-	-	86	-	-	-	3	-	2	20	-	-	-
Indiana	-	-	131	-	-	-	-	-	-	7	-	-	-
Illinois	-	-	-	1	1	1	1	-	18	56	7	-	1
Michigan	1	-	729	-	1	-	-	-	13	56	4	-	-
Wisconsin	1	-	573	-	-	1	-	-	2	7	-	-	-
WEST NORTH CENTRAL	1	1	321	-	-	1	1	-	17	23	13	-	3
Minnesota	-	-	3	-	-	-	-	-	-	-	-	-	1
Iowa	-	1	244	-	-	-	-	-	6	6	1	-	-
Missouri *	-	-	37	-	-	1	1	-	10	11	11	-	2
North Dakota	-	-	6	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	3	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	8	-	-	-	-	-	-	2	1	-	-
Kansas	1	-	20	-	-	-	-	-	1	4	-	-	-
SOUTH ATLANTIC	5	3	330	-	-	2	-	2	28	92	37	-	11
Delaware	-	-	5	-	-	-	-	-	1	-	-	-	-
Maryland	1	-	24	-	-	-	-	-	8	4	3	-	1
District of Columbia	-	-	21	-	-	-	-	-	3	3	2	-	-
Virginia	1	-	105	-	-	1	-	-	7	5	7	-	4
West Virginia	-	-	126	-	-	-	-	-	-	3	-	-	1
North Carolina *	1	-	NN	-	-	1	-	-	6	12	12	-	3
South Carolina	-	-	42	-	-	-	-	-	-	6	9	-	-
Georgia	-	-	7	-	-	-	-	-	-	23	-	-	-
Florida	2	3	-	-	-	-	-	2	3	36	4	-	2
EAST SOUTH CENTRAL	3	-	111	-	-	1	2	-	28	72	4	2	8
Kentucky	-	-	78	-	-	-	-	-	4	26	1	2	4
Tennessee	-	-	NN	-	-	1	2	-	6	24	-	-	-
Alabama	3	-	18	-	-	-	-	-	16	15	3	-	3
Mississippi	-	-	15	-	-	-	-	-	2	7	-	-	1
WEST SOUTH CENTRAL	-	-	38	-	1	-	4	2	12	44	9	-	7
Arkansas	-	-	2	-	-	-	-	-	2	16	2	-	1
Louisiana	-	-	NN	-	-	-	1	2	4	10	3	-	-
Oklahoma	-	-	36	-	-	-	1	-	6	18	4	-	1
Texas	---	---	---	---	1	---	2	---	---	---	---	---	5
MOUNTAIN	2	-	127	2	14	-	-	-	10	20	24	-	10
Montana	1	-	38	-	-	-	-	-	-	3	1	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	2	-	-
Wyoming	-	-	3	-	-	-	-	-	-	-	-	-	-
Colorado	1	-	85	-	-	-	-	-	8	7	5	-	8
New Mexico	-	-	-	-	1	-	-	-	1	2	-	-	-
Arizona	-	-	-	2	13	-	-	-	1	4	2	-	2
Utah	-	-	-	-	-	-	-	-	-	4	14	-	-
Nevada	-	-	1	-	-	-	-	-	-	-	-	-	-
PACIFIC	22	-	350	11	130	4	2	2	85	190	43	6	27
Washington	1	-	291	11	127	1	-	-	6	19	7	-	2
Oregon	-	-	2	-	-	-	-	-	2	9	2	-	-
California *	20	-	-	-	2	2	2	2	75	155	34	6	24
Alaska	-	-	15	-	1	-	-	-	1	-	-	-	-
Hawaii	1	-	42	-	-	1	-	-	1	7	-	-	1
Guam *	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	42	-	-	-	-	-	2	12	-	-	1
Virgin Islands	-	-	15	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Chickenpox: Me. 34, Mo. 258,
Calif. 100, Guam 37
Diphtheria: Pa. delete 1

Hepatitis B: Ohio 1, Mo. 1, Guam 1
Hepatitis A: Me. 3, Ohio delete 1,
Mo. delete 3, N.C. delete 1, Guam 6
Hepatitis unspecified: N.C. delete 1

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING APRIL 19, 1975 AND APRIL 20, 1974 (16th 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	887	8,866	9,938	41	546	546	2,048	25,123	17	843	6,586	20
NEW ENGLAND	4	79	497	-	32	34	39	937	-	136	1,091	-
Maine *	-	5	25	-	4	1	-	50	-	-	17	-
New Hampshire	-	18	204	-	1	7	1	57	-	4	240	-
Vermont	-	1	31	-	-	1	-	5	-	-	24	-
Massachusetts	3	29	141	-	9	9	3	118	-	116	582	-
Rhode Island	-	1	53	-	3	6	8	386	-	-	13	-
Connecticut	1	25	43	-	15	10	27	321	-	16	215	-
MIDDLE ATLANTIC	60	465	3,801	4	40	71	59	1,192	2	96	756	2
Upstate New York	10	134	67	-	13	31	28	522	-	7	68	-
New York City	2	64	211	1	8	12	14	243	2	4	72	1
New Jersey	34	159	3,125	-	4	23	5	203	-	78	484	1
Pennsylvania	14	108	398	3	15	5	12	224	-	7	132	-
EAST NORTH CENTRAL	267	2,846	3,910	6	87	61	1,046	10,863	6	108	1,490	-
Ohio	1	54	1,714	1	16	20	37	959	-	4	74	-
Indiana	28	200	117	-	4	6	138	1,235	-	17	214	-
Illinois	45	580	739	3	17	7	131	1,125	1	10	145	-
Michigan	171	1,527	1,132	2	41	18	502	5,142	3	37	764	-
Wisconsin *	22	485	208	-	9	10	238	2,402	2	40	293	-
WEST NORTH CENTRAL	199	2,589	345	1	31	38	160	1,955	1	185	631	1
Minnesota	-	-	76	-	6	14	4	29	-	4	16	-
Iowa	65	272	8	1	5	5	36	541	1	-	9	-
Missouri *	21	128	115	-	16	10	100	538	-	176	308	1
North Dakota	45	494	24	-	-	1	12	309	-	-	45	-
South Dakota	2	211	22	-	-	2	-	4	-	-	2	-
Nebraska	38	230	2	-	1	1	3	14	-	1	6	-
Kansas	28	1,254	98	-	3	5	5	520	-	4	245	-
SOUTH ATLANTIC	6	111	309	6	108	105	149	1,651	-	34	390	7
Delaware	1	2	3	-	3	3	-	5	-	2	8	-
Maryland	-	-	21	2	7	13	7	44	-	-	1	-
District of Columbia	-	-	2	-	4	-	3	37	-	-	-	-
Virginia	1	11	12	-	11	15	40	365	-	-	23	-
West Virginia	3	77	77	-	4	4	64	697	-	8	80	-
North Carolina *	-	-	2	4	22	24	10	44	-	1	6	3
South Carolina	-	1	28	-	13	10	-	25	-	17	232	2
Georgia	1	1	1	-	8	4	2	2	-	-	-	-
Florida	-	19	163	-	36	32	23	432	-	6	40	2
EAST SOUTH CENTRAL	22	116	60	11	79	58	179	2,119	1	155	556	1
Kentucky	3	60	46	7	33	27	25	868	-	12	141	1
Tennessee	19	51	1	3	28	26	103	966	-	141	397	-
Alabama	-	1	2	-	10	5	44	215	-	1	12	-
Mississippi	-	4	11	1	8	-	7	70	1	1	6	-
WEST SOUTH CENTRAL	1	103	103	2	90	106	42	2,165	3	29	397	5
Arkansas	-	-	4	1	5	8	-	21	-	-	-	-
Louisiana	-	-	7	1	18	17	39	238	3	28	170	2
Oklahoma *	1	18	12	-	8	12	3	80	-	1	65	1
Texas	---	85	80	---	59	69	---	1,826	---	---	162	2
MOUNTAIN	53	623	412	2	17	13	23	301	-	16	284	-
Montana	-	-	213	1	3	1	1	4	-	13	204	-
Idaho	-	4	46	1	2	1	2	5	-	1	8	-
Wyoming	-	-	-	-	-	2	-	-	-	-	-	-
Colorado	45	599	25	-	6	2	14	180	-	2	51	-
New Mexico	-	2	40	-	3	2	-	15	-	-	9	-
Arizona	8	12	10	-	1	3	-	-	-	-	2	-
Utah	-	-	-	-	2	1	-	46	-	-	7	-
Nevada	-	6	78	-	-	1	6	51	-	-	3	-
PACIFIC	275	1,934	501	9	62	60	351	3,940	4	84	991	4
Washington	5	56	35	2	10	7	176	2,167	-	10	166	-
Oregon	38	90	-	-	-	7	24	260	-	6	71	-
California	227	1,749	445	6	51	41	149	1,470	4	67	748	4
Alaska	-	-	-	-	-	2	1	32	-	-	-	-
Hawaii	5	39	21	1	1	3	1	11	-	1	6	-
Guam *	-	5	4	-	1	1	-	14	-	-	1	-
Puerto Rico	50	259	288	-	1	1	43	343	-	-	14	9
Virgin Islands	-	4	14	-	-	-	8	95	-	-	2	-

*Delayed reports: Measles: Me. 1, Wisc. 1, Mo. 2,
N.C. delete 1Mumps: Me. 1, Mo. 9, Guam 1
Rubella: Mo. 2

Meningococcal Infections: Okla. delete 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING APRIL 19, 1975 AND APRIL 20, 1974 (16th WEEK) - Continued

AREA	TUBERCULOSIS		TULA- REMIA	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 1974	1975	Cumulative 1975 1974			
UNITED STATES	696	9,378	17	5	74	1	17	16,692	282,337	259,012	567	8,053	7,515	605
NEW ENGLAND	29	345	-	-	8	-	-	336	7,902	6,553	24	293	280	13
Maine *	1	24	-	-	-	-	-	33	487	483	1	6	11	12
New Hampshire	-	14	-	-	-	-	-	10	243	188	-	10	4	-
Vermont	-	5	-	-	-	-	-	11	168	186	-	4	1	-
Massachusetts	16	183	-	-	4	-	-	112	3,783	3,078	15	192	201	-
Rhode Island	5	42	-	-	-	-	-	15	576	531	-	4	5	-
Connecticut	7	77	-	-	4	-	-	155	2,645	2,087	8	77	58	1
MIDDLE ATLANTIC	153	1,659	2	2	14	-	-	2,028	34,300	32,008	88	1,466	1,620	16
Upstate New York *	31	234	1	-	3	-	-	359	5,982	5,993	5	145	163	14
New York City	38	712	-	1	5	-	-	1,053	15,723	13,523	56	865	923	-
New Jersey	37	314	1	-	2	-	-	175	4,302	4,709	18	232	266	-
Pennsylvania	47	399	-	1	4	-	-	441	8,293	7,783	9	224	268	2
EAST NORTH CENTRAL	107	1,389	-	-	8	-	1	2,502	46,323	46,167	47	659	627	19
Ohio *	33	417	-	-	1	-	1	282	11,937	11,264	8	136	82	3
Indiana	13	189	-	-	-	-	-	327	4,098	3,715	2	43	58	-
Illinois	28	359	-	-	6	-	-	972	16,018	12,873	31	334	326	2
Michigan	30	394	-	-	1	-	-	616	9,534	9,728	6	111	129	1
Wisconsin	3	30	-	-	-	-	-	305	4,736	3,587	-	35	32	13
WEST NORTH CENTRAL	24	341	5	-	3	-	-	844	13,679	13,222	13	178	175	136
Minnesota	3	47	-	-	1	-	-	279	2,943	2,891	4	21	19	42
Iowa	-	29	-	-	-	-	-	15	1,537	1,880	-	9	13	27
Missouri	10	183	3	-	2	-	-	350	5,071	4,244	8	109	115	14
North Dakota	-	1	-	-	-	-	-	10	209	218	-	3	2	35
South Dakota	1	16	-	-	-	-	-	23	559	586	-	3	1	-
Nebraska	4	13	-	-	-	-	-	68	1,184	1,067	1	4	3	2
Kansas	6	52	2	-	-	-	-	99	2,176	2,336	-	29	22	16
SOUTH ATLANTIC	145	2,174	4	-	5	1	10	4,229	70,130	64,775	192	2,535	2,374	107
Delaware	4	48	-	-	-	-	-	40	1,014	946	2	28	24	-
Maryland	23	350	-	-	-	-	-	498	7,903	5,991	10	195	251	-
District of Columbia	3	117	-	-	-	-	-	261	4,315	6,272	9	197	206	-
Virginia	23	256	2	-	2	-	2	446	7,097	5,869	6	204	277	60
West Virginia *	6	82	-	-	-	-	-	71	875	753	-	9	8	2
North Carolina	28	342	-	-	2	1	8	525	10,206	8,721	61	337	264	1
South Carolina	6	123	2	-	1	-	-	347	6,503	6,786	12	185	201	2
Georgia	19	309	-	-	-	-	-	827	12,695	11,743	28	360	370	34
Florida	33	547	-	-	-	-	-	1,214	19,522	17,694	64	1,020	773	8
EAST SOUTH CENTRAL	74	803	3	3	5	-	2	1,359	23,109	22,125	31	367	385	72
Kentucky	15	145	1	3	4	-	1	137	2,984	2,723	4	58	87	54
Tennessee *	32	306	2	-	-	-	-	613	9,262	8,676	10	133	150	8
Alabama	20	243	-	-	-	-	1	368	6,171	6,212	3	93	73	10
Mississippi	7	109	-	-	1	-	-	241	4,692	4,514	14	83	75	-
WEST SOUTH CENTRAL	26	1,011	2	-	2	-	4	1,156	34,811	34,267	13	694	683	157
Arkansas	8	151	2	-	-	-	2	471	3,894	3,704	2	22	36	19
Louisiana *	11	159	-	-	-	-	-	494	6,816	7,380	10	171	201	3
Oklahoma	7	101	-	-	-	-	2	191	3,273	2,676	1	33	47	43
Texas	---	600	---	---	2	---	---	---	20,828	20,507	---	468	399	92
MOUNTAIN	20	215	1	-	3	-	-	674	10,992	9,355	15	205	178	26
Montana	-	6	-	-	-	-	-	21	630	548	-	3	-	12
Idaho	-	7	-	-	-	-	-	68	587	572	1	4	-	-
Wyoming	-	6	1	-	1	-	-	12	261	220	-	2	2	-
Colorado	-	-	-	-	-	-	-	194	2,909	2,639	8	45	40	-
New Mexico	-	41	-	-	1	-	-	97	1,909	1,293	1	54	32	10
Arizona	18	122	-	-	1	-	-	209	2,907	2,549	4	72	73	4
Utah	1	8	-	-	-	-	-	55	661	473	-	4	5	-
Nevada	1	25	-	-	-	-	-	18	1,128	1,061	1	21	26	-
PACIFIC	118	1,441	-	-	26	-	-	3,564	41,091	35,540	144	1,656	1,193	59
Washington	-	108	-	-	3	-	-	230	3,805	3,435	-	69	41	-
Oregon	3	58	-	-	-	-	-	160	3,287	3,087	1	35	26	-
California	99	1,116	-	-	23	-	-	3,001	32,232	27,580	143	1,535	1,113	56
Alaska	-	11	-	-	-	-	-	135	1,067	755	-	1	-	3
Hawaii	16	148	-	-	-	-	-	38	700	683	-	16	13	-
Guam *	-	23	-	-	-	-	-	-	128	---	-	2	---	-
Puerto Rico	22	163	-	-	-	-	-	54	954	991	22	235	292	22
Virgin Islands	-	3	-	-	-	-	-	2	51	231	-	11	20	-

*Delayed reports: Tuberculosis: Ohio delete 2, N.Y. Ups. 4, Guam 1; (1974) Ohio delete 1
 Gonorrhea: Me. 30 civil, Me. 2 Mil., Tenn. 3, La. delete 1, Guam 8
 Syphilis: Me. 1, Ohio delete 1
 Rabies: W. Va. 1

TABLE IV. DEATHS IN 121 UNITED STATES CITIES FOR WEEK ENDING APRIL 19, 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	655	411	169	32	24	25	SOUTH ATLANTIC	1,122	610	311	99	53	48
Boston, Mass.	180	101	52	13	6	7	Atlanta, Ga.	105	48	39	9	8	5
Bridgeport, Conn.	59	39	14	3	3	4	Baltimore, Md.	278	145	81	20	13	8
Cambridge, Mass.	19	15	1	1	1	1	Charlotte, N. C.	77	44	19	8	3	1
Fall River, Mass.	23	12	10	1	—	—	Jacksonville, Fla.	69	31	19	6	5	—
Hartford, Conn.	50	29	14	3	3	—	Miami, Fla.	103	57	31	8	2	3
Lowell, Mass.	33	25	5	—	1	1	Norfolk, Va.	55	25	15	6	6	—
Lynn, Mass.	24	17	5	—	2	—	Richmond, Va.	86	43	30	12	1	13
New Bedford, Mass.	16	10	6	—	—	1	Savannah, Ga.	28	17	6	2	3	3
New Haven, Conn.	49	25	15	4	2	2	St. Petersburg, Fla.	95	78	12	2	3	2
Providence, R. I.	62	44	13	2	1	3	Tampa, Fla.	86	50	20	6	5	6
Somerville, Mass.	11	8	3	—	—	—	Washington, D. C.	95	46	26	16	4	6
Springfield, Mass.	39	26	7	2	2	—	Wilmington, Del.	45	26	13	4	—	1
Waterbury, Conn.	30	19	9	2	—	—							
Worcester, Mass.	60	41	15	1	3	6	EAST SOUTH CENTRAL	643	402	149	49	23	27
MIDDLE ATLANTIC	2,956	1,838	775	176	85	140	Birmingham, Ala.	102	62	24	7	6	1
Albany, N. Y.	40	31	4	2	2	1	Chattanooga, Tenn.	55	36	13	4	—	3
Allentown, Pa.	31	17	10	3	1	1	Knoxville, Tenn.	50	41	7	2	—	2
Buffalo, N. Y.	121	72	35	9	4	13	Louisville, Ky.	90	57	20	6	4	8
Camden, N. J.	37	22	13	—	1	2	Memphis, Tenn.	146	92	37	10	5	9
Elizabeth, N. J.	32	25	6	—	1	—	Mobile, Ala.	75	44	14	9	4	1
Erie, Pa.	38	26	9	—	3	5	Montgomery, Ala.	29	14	7	3	2	—
Jersey City, N. J.	54	33	11	4	4	2	Nashville, Tenn.	96	56	27	8	2	3
Newark, N. J.	71	34	24	9	2	2	WEST SOUTH CENTRAL	1,180	620	357	99	47	48
New York City, N. Y.	1,527	948	415	89	35	65	Austin, Tex.	34	21	11	1	1	4
Paterson, N. J.	39	25	8	3	3	2	Baton Rouge, La.	36	20	11	4	—	—
Philadelphia, Pa.	398	239	96	33	13	5	Corpus Christi, Tex.	33	21	8	2	1	1
Pittsburgh, Pa.	193	110	59	12	10	19	Dallas, Tex.	172	91	46	20	7	6
Reading, Pa.	35	24	11	—	—	—	El Paso, Tex.	41	22	11	3	1	—
Rochester, N. Y.	103	64	29	4	2	5	Fort Worth, Tex.	78	51	18	3	4	—
Schenectady, N. Y.	25	20	4	—	—	2	Houston, Tex.	316	145	106	30	18	8
Scranton, Pa.	40	28	10	1	—	2	Little Rock, Ark.	58	33	16	3	—	6
Syracuse, N. Y.	68	43	14	5	2	2	New Orleans, La.	134	56	50	17	9	1
Trenton, N. J.	34	22	8	1	—	3	San Antonio, Tex.	138	79	37	9	2	7
Utica, N. Y.	31	24	4	—	1	3	Shreveport, La.	83	48	26	5	2	3
Yonkers, N. Y.	39	31	5	1	1	6	Tulsa, Okla.	57	33	17	2	2	6
EAST NORTH CENTRAL	2,441	1,410	665	174	101	55	MOUNTAIN	499	282	125	46	19	20
Akron, Ohio	60	38	11	4	3	—	Albuquerque, N. Mex.	56	29	15	9	2	2
Canton, Ohio	32	20	9	2	1	1	Colorado Springs, Colo.	33	15	7	7	1	3
Chicago, Ill.	582	309	170	50	28	16	Denver, Colo.	113	60	34	6	4	4
Cincinnati, Ohio	183	109	47	11	5	3	Las Vegas, Nev.	26	11	8	5	—	2
Cleveland, Ohio	201	107	71	10	8	2	Ogden, Utah	12	7	4	—	—	—
Columbus, Ohio	134	71	37	10	7	2	Phoenix, Ariz.	114	70	27	9	5	—
Dayton, Ohio	107	66	28	6	4	3	Pueblo, Colo.	18	13	3	2	—	2
Detroit, Mich.	304	176	77	27	11	14	Salt Lake City, Utah	58	33	12	6	5	6
Evansville, Ind.	50	40	8	1	1	—	Tucson, Ariz.	69	44	15	2	2	1
Fort Wayne, Ind.	36	23	8	1	2	1	PACIFIC	1,697	1,023	453	104	57	59
Gary, Ind.	33	13	11	4	3	2	Berkeley, Calif.	10	7	2	1	—	1
Grand Rapids, Mich.	49	38	9	2	—	1	Fresno, Calif.	50	34	14	2	—	1
Indianapolis, Ind.	156	91	41	17	6	—	Glendale, Calif.	20	11	6	2	1	3
Madison, Wis.	41	19	13	4	1	3	Honolulu, Hawaii	55	31	18	2	1	2
Milwaukee, Wis.	156	102	35	6	11	3	Long Beach, Calif.	110	63	41	4	—	3
Peoria, Ill.	40	25	6	3	3	—	Los Angeles, Calif.	493	279	140	36	21	16
Rockford, Ill.	36	20	8	4	2	2	Oakland, Calif.	83	50	24	4	1	1
South Bend, Ind.	40	31	6	1	2	1	Pasadena, Calif.	33	26	5	—	1	1
Toledo, Ohio	137	73	49	7	3	1	Portland, Oreg.	129	88	24	6	6	6
Youngstown, Ohio	64	39	21	4	—	—	Sacramento, Calif.	70	48	19	1	—	1
WEST NORTH CENTRAL	746	468	180	33	24	37	San Diego, Calif.	129	71	34	9	6	2
Des Moines, Iowa	66	42	17	2	2	1	San Francisco, Calif.	190	113	48	17	8	8
Duluth, Minn.	26	15	8	2	1	—	San Jose, Calif.	63	35	18	7	—	1
Kansas City, Kans.	34	16	11	1	2	1	Seattle, Wash.	165	100	37	11	10	5
Kansas City, Mo.	114	62	37	7	1	5	Spokane, Wash.	61	40	16	2	2	5
Lincoln, Nebr.	30	18	10	—	—	2	Tacoma, Wash.	36	27	7	—	—	3
Minneapolis, Minn.	101	66	21	6	6	4							
Omaha, Nebr.	87	53	16	4	5	4							
St. Louis, Mo.	186	113	45	9	6	12							
St. Paul, Minn.	73	61	9	1	1	4							
Wichita, Kans.	29	22	6	1	—	4							
Total	11,939	7,064	3,184	812	433	459	Expected Number	12,388	7,408	3,318	806	372	444

†Delayed reports for week ending April 12, 1975

**SUMMARY OF REPORTED PRIMARY AND SECONDARY SYPHILIS CASES
BY REPORTING AREA: FEBRUARY 1975 AND FEBRUARY 1974 - PROVISIONAL DATA**

Reporting Area	February		Calendar Year Cumulative January-February		Reporting Area	February		Calendar Year Cumulative January-February	
	1975	1974	1975	1974		1975	1974	1975	1974
Connecticut	16	22	28	34	Arkansas	2	10	6	23
Maine	5	4	7	5	Louisiana	32	50	91	109
Massachusetts	48	50	105	112	New Mexico	18	5	28	10
New Hampshire	3	2	5	3	Oklahoma	9	10	22	25
Rhode Island	1	1	2	3	Texas	133	111	253	211
Vermont	0	0	2	0	DHEW REGION VI TOTAL	194	186	400	378
DHEW REGION I TOTAL	73	79	149	157	Iowa	4	1	6	9
New Jersey	63	60	142	137	Kansas	3	8	16	13
New York (Excl. NYC)	38	44	88	96	Missouri	20	27	53	43
New York City	187	218	458	485	Nebraska	1	1	3	1
DHEW REGION II TOTAL	288	322	688	718	DHEW REGION VII TOTAL	28	37	78	66
Delaware	5	4	12	19	Colorado	11	7	26	19
Dist. of Columbia	58	70	107	117	Montana	1	0	3	0
Md. (Excl. Baltimore)	19	14	40	39	North Dakota	0	0	2	0
Baltimore	32	36	65	74	South Dakota	0	1	1	1
Penn. (Excl. Philadelphia)	19	13	47	29	Utah	1	1	1	5
Philadelphia	45	45	93	102	Wyoming	0	1	0	1
Virginia	49	59	103	157	DHEW REGION VIII TOTAL	13	10	33	26
West Virginia	3	0	3	3	Arizona	24	15	49	41
DHEW REGION III TOTAL	230	241	470	540	California (Excl. LA & SF)	149	100	272	202
Alabama	28	21	51	43	Los Angeles*	110	165	300	330
Florida	254	180	537	350	San Francisco*	67	40	167	81
Georgia (Excl. Atlanta)	46	88	85	153	Hawaii	5	6	6	8
Atlanta*	37	33	69	69	Nevada	4	3	8	14
Kentucky	20	29	28	50	DHEW REGION IX TOTAL	359	329	802	676
Mississippi	23	25	41	47	Alaska	0	0	0	0
North Carolina	92	87	200	142	Idaho	2	1	3	1
South Carolina	68	47	107	118	Oregon	8	5	16	15
Tennessee	45	25	66	69	Washington	16	12	39	27
DHEW REGION IV TOTAL	613	535	1,184	1,041	DHEW REGION X TOTAL	26	18	58	43
Illinois (Excl. Chicago)	4	25	13	43	UNITED STATES TOTAL	1,972	1,938	4,204	3,993
Chicago	64	73	144	129	Puerto Rico	64	89	131	164
Ind. (Excl. Indianapolis)	10	14	24	30	Virgin Islands	5	0	6	0
Indianapolis*	1	3	3	8	U.S. INCL. TERR.	2,041	2,027	4,341	4,157
Michigan	19	33	57	69	Note: Cumulative totals include revised and delayed reports through previous months. Source: HSM 9-98 CDC, VD Control Division, Atlanta, Ga. 30333.				
Minnesota	3	3	8	7					
Ohio	38	20	75	43					
Wisconsin	9	10	18	19					
DHEW REGION V TOTAL	148	181	342	348					

*County Data

**EPIDEMIOLOGIC NOTES AND REPORTS
YERSINIA ENTEROCOLITICA INFECTIONS—Georgia, Utah**

Georgia

On January 15, 1975, a 19-month-old girl was brought to an Atlanta hospital emergency room with a 1-day history of fever and symptoms of an upper respiratory infection. In the waiting room she had a generalized seizure. Physical examination revealed irritability and a temperature of 41 C. In the hospital the child had nausea, vomiting, and persistent diarrhea, accompanied by daily temperature spikes to at least 38.9 C. An initial diagnosis of shigellosis was made, and ampicillin therapy was begun. Stool cultures for salmonella and shigella were subsequently negative, however, and on January 20 the ampicillin therapy was discontinued. That same day a pink, macular rash was observed on the trunk and limbs; individual macules resembled bull's eyes or targets.

The rash, fever, and diarrhea improved without further specific therapy, and by January 26, the child was asymptomatic. One day after discharge, *Yersinia enterocolitica* was isolated from a culture of the patient's stool submitted on January 24. The child remained asymptomatic.

On January 19, 1975, a 20-month-old male cousin who was a household contact of the first patient was seen at the same emergency room with a 1-day history of fever, green watery diarrhea, and a rash. His temperature was 38.1 C, and a macular rash was distributed over the legs and abdomen. A viral exanthema was diagnosed, and antipyretic therapy was prescribed. The child's symptoms persisted for 3 days. Because of a temperature spike to 40 C, he was returned to the emergency room. Physical examination was unchanged, and

YERSINIA ENTEROCOLITICA — Continued

ampicillin was prescribed at this time. Within the next 2 days all symptoms disappeared, and the child has not had a recurrence of diarrhea or rash. *Y. enterocolitica* was recovered from a rectal swab taken from this child on March 3.

None of 8 other family members had a history of fever or diarrhea; 1, however, was found to be an asymptomatic carrier of *Y. enterocolitica*. The serotypes of the 3 isolates were identical. To date, the organism has not been isolated from swabs and stool specimens from the family's 3 dogs and 1 cat or from the family's water supply. The source of infection was not identified.

(Reported by Steven Kohl, MD, fellow, Andre Nahmias, MD, chief, Pediatric Infectious Diseases and Immunology, Emory University Medical School, Atlanta, Georgia; Tom McKinley, Assistant Director, Epidemiology Section, Georgia Department of Human Resources; Epidemiologic Investigations Laboratory Branch, Bacterial Diseases Division, CDC.)

Utah

On February 20, 1975, a 21-year-old man returned to Salt Lake City after working 2 years in Korea, where he had had intermittent diarrhea and a total weight loss of 20 pounds. On returning to the United States, he had stopped in Japan for a few days, then had flown directly to Salt Lake City. On March 10 a stool specimen was submitted to the Olympus Clinic in Salt Lake City for bacteriologic culture and examination for ova and parasites; *Yersinia enterocolitica* was isolated by the clinic and confirmed by the Utah State Bureau of Laboratories. No other pathogens or parasites were found.

The patient had been asymptomatic since returning and had received no antibiotics.

(Reported by JM Heath, MD, Olympus Clinic, Salt Lake City; Harry Gibbons, MD, Director, Salt Lake City County Health Department; Dale Callister, MS, Microbiologist, Bureau of Laboratories, Taira Fukushima, MD, Director, Bureau of Disease Prevention, Utah State Division of Health; and an EIS Officer.)

Editorial Note

Associated with illnesses ranging from asymptomatic carriage to septicemia, *Yersinia enterocolitica* most commonly presents as non-bloody diarrhea or mesenteric lymphadenitis. Large outbreaks of diarrheal disease among school children in Japan have been attributed to *Y. enterocolitica* (1), and clusters of cases within families have also been reported. The organism has been recovered from a variety of wild and domesticated animals, and in a 1974 investigation in Kentucky infected dogs were thought to be the source of human illness.

Y. enterocolitica is a facultatively anaerobic gram-negative rod that survives cold temperatures and grows well at 25 C. The rarity of its reported isolation in this country may be due to culture methods commonly employed; it grows very slowly at 37 C, the standard laboratory incubation temperature used for isolation of enteric pathogens. It grows well, however, when cultured on SS agar at 25 C for 48 hours.

Since 1966 CDC has received 74 isolates of *Y. enterocolitica* from 22 states; these isolates have not been limited to any particular geographic region. The prevalence of asymptomatic carriage and the amount of diarrheal illness caused by this organism is unknown.

Reference

1. Asakawa Y, Akahane S, Kagata N, et al: Two community outbreaks of human infection with *Yersinia enterocolitica*. J Hyg 71:715-723, 1973

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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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