



Morbidity and Mortality

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EPIDEMIOLOGIC NOTES AND REPORTS
COCCIDIOIDOMYCOSIS - California

On July 5, 1972, an archaeology student from New York digging for Indian artifacts with 38 others in the Cascade Mountains near Red Bluff, California, became ill with fever, night sweats, myalgia, headache, stiff neck, chest pain, and shortness of breath. A skin test on July 17 was positive for coccidioidomycosis.

Of the total 39 participants, 34 were interviewed on July 17: 16 (47%) reported cough or chest pain, and approximately half of those ill demonstrated skin test conversion to coccidioidin. Six patients to date have had positive serologic tests. Results of soil cultures are still pending.

In 1970 an outbreak of coccidioidomycosis was reported in a group of students excavating a site near Chico, approximately 40 miles south of the current outbreak (MMWR, Vol. 19, No. 31). The outbreak near Chico established that area as the northernmost point known to be endemic for coccidi-

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oidomycosis. The current outbreak identifies an area even farther north than Chico. In California, other major areas known to be endemic are the San Joaquin Valley and the Sacramento Valley as far north as Red Bluff; however, the disease has also been contracted in the San Diego area, the Paso Robles area, the San Fernando Valley, and Riverside County. The disease is also recognized in the southern tip of

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

DISEASE	34th WEEK ENDING		MEDIAN 1967-1971	CUMULATIVE, FIRST 34 WEEKS		
	August 26, 1972	August 28, 1971		1972	1971	MEDIAN 1967-1971
Aseptic meningitis	180	297	167	1,918	2,760	1,957
Brucellosis	7	6	3	120	106	141
Chickenpox	299	---	---	113,342	---	---
Diphtheria	---	6	6	63	107	106
Encephalitis, primary:						
Arthropod-borne and unspecified	34	33	35	610	889	852
Encephalitis, post-infectious	5	2	10	199	274	305
Hepatitis, serum (Hepatitis B)	153	194	109	5,997	5,534	3,445
Hepatitis, infectious (Hepatitis A)	1,068	1,133	889	35,969	39,394	30,326
Malaria	13	30	42	666	2,097	1,801
Measles (rubeola)	126	247	175	26,613	68,448	39,208
Meningococcal infections, total	6	30	30	969	1,714	1,807
Civilian	6	29	29	931	1,525	1,623
Military	---	1	1	38	189	184
Mumps	322	446	---	55,987	98,250	---
Rubella (German measles)	193	200	201	20,435	37,948	43,076
Tetanus	1	2	2	73	68	94
Tuberculosis, new active	712	---	---	21,927	---	---
Tularemia	5	4	4	92	110	110
Typhoid fever	21	8	7	223	201	201
Typhus, tick-borne (Rky. Mt. spotted fever)	25	15	13	376	306	268
Venereal Diseases:†						
Gonorrhoea	17,772	14,202	---	473,237	418,043	---
Syphilis, primary and secondary	522	465	---	16,012	15,334	---
Rabies in animals	63	58	64	2,851	2,823	2,393

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Poliomyelitis, total:	9
Botulism:	6	Paralytic:	9
Congenital rubella syndrome: Calif. - 1	24	Psittacosis:	26
Leprosy:	81	Rabies in man:	1
Leptospirosis: Calif. - 1	21	Trichinosis: N.J. - 2	54
Plague:	1	Typhus, murine:	11

†Numbers for 1971 are estimated from quarterly reports to the Venereal Disease Branch, CDC

COCCIDIOIDOMYCOSIS—Continued

Nevada, southwest Utah, southern New Mexico, Arizona, and Texas.

(Reported by Demosthenes Pappagianis, M.D., Ph.D., Professor and Chairman, Department of Medical Microbiology, University of California School of Medicine at Davis; Richard

W. Summers, P.H.N., and Lynn E. Wolfe, Jr., M.D., Health Officer, Tehama County Health Department; Ronald M. Wood, Ph.D., Chief, Microbial Diseases Laboratory, and S. Benson Werner, M.D., Medical Epidemiologist, Bureau of Communicable Disease Control, California State Department of Public Health.)

IMPORTED TYPHOID FEVER — Arizona, Colorado, Ohio

Between June 4, and July 17, 1972, three cases of typhoid fever thought to have been imported from Mexico were reported to CDC from Arizona, Colorado, and Ohio. These three cases are summarized below.

Case 1: On approximately July 17, a 27-year-old woman from Winkleman, Arizona, had sudden onset of fever, chills, and watery diarrhea and was admitted to a local hospital. On July 22, she was transferred to a hospital in Tucson. On admission physical examination revealed a temperature of 107.5°F. and mild abdominal tenderness. Two blood specimens from the patient yielded *Salmonella typhi*, resistant to chloramphenicol. She was first treated with gentamicin and later with ampicillin, despite a history of allergy to penicillin, and has subsequently recovered.

Epidemiologic investigation revealed that the woman and her husband had spent ten days in Mexico City in early July with ten other couples on a group tour. Investigation revealed no similar illness among other members of the tour.

Case 2: On July 10, a 15-year-old boy from Aspen, Colorado, experienced lethargy, malaise, fever, and shaking chills and was hospitalized. A blood specimen yielded *S. typhi*, resistant to chloramphenicol. The patient's hospital course was complicated by a separate *S. java* intestinal infection, characterized by watery diarrhea, that lasted 3 days. He was treated for typhoid with ampicillin with good response and was discharged from the hospital after a negative follow-up culture.

Investigation revealed that the patient had returned from a month's motor tour of Mexico on July 10; no similar illness was reported in other members of the tour.

Case 3: On June 4, a 41-year-old woman from Columbus, Ohio, became ill with chills, fever, headache, nausea, vomiting, and mild diarrhea. Symptoms persisted for the next 17 days, and on June 22, she was hospitalized in Columbus.

Physical examination revealed a temperature of 104°F. and some right upper quadrant tenderness. Laboratory findings were hemoglobin—9.0 gms.% and white blood cell count—4.800 with 67% segmented neutrophils, 4% bands, 28% lymphocytes, and 1% eosinophils. Stool cultures were negative for *S. typhi*; however, a blood culture on June 26 was positive for *S. typhi*, phage type G 1, sensitive to chloramphenicol. The patient was treated with chloramphenicol and had an uneventful recovery.

Investigation revealed that the patient had been in Mexico from May 21 to May 26 and in Quito, Ecuador, the week before; also, she had worked as a social worker in Chile for the past 4 years.

(Reported by Alfred E. Stillman, M.D., private physician, Tucson, Arizona; Mary Fried, M.D., Tucson Medical Center; Clarence Robbins, M.D., Pima County Health Department; Frank Marks, Office of the State Epidemiologist, and Philip M. Hotchkiss, D.V.M., State Epidemiologist, Arizona State Department of Health; David L. McMillan, M.D., Aspen Clinic, Aspen, Colorado; Richard Saunders, M.D., St. Mary's Hospital, Grand Junction, Colorado; C. S. Molloy, M.D., State Epidemiologist, Colorado State Department of Health; William Mitchell, M.D., Bruce Seigle, M.D., private physicians; John H. Ackerman, M.D., Chief, Bureau of Preventive Medicine, Ohio Department of Health; and two EIS Officers.)

Editorial Note

The first two of these three cases were infected with the same drug resistant epidemic strain of *S. typhi*. A total of six travelers from the United States have been reported infected with this epidemic strain since the outbreak in Central Mexico was first reported (MMWR, Vol. 21, No. 21). The third case reported here may have been exposed in Mexico, Ecuador, or Chile.

TYPHOID FEVER — Washington

Between April 4, and May 22, 1972, four of five family members (a 24-year-old woman, her newborn infant, and two children, ages 4 and 7) and a 31-year-old friend from Yakima County, Washington, had onset of fever, weakness, fatigue, vomiting, and diarrhea. All were hospitalized, treated with chloramphenicol and recovered uneventfully.

Stool specimens from all patients yielded *S. typhi*, phage type degraded Vi. Stool specimens were submitted by the fifth family member (an 8-year-old daughter) and other relatives and neighbors but were negative for *S. typhi*.

A review of the typhoid fever carrier files revealed a carrier living in the same block as the ill family. There was no direct contact between the family and the carrier, but their backyards were only 200 feet apart. The neighborhood consists of older small homes, all with septic tanks or cesspools and private wells. The area is low land adjacent to the Yakima River. The wells are shallow and drilled through the top soil

into a layer of river bed gravel; there is little filtration. Florescein dye was deposited in the toilet of the carrier's home, and 36 hours later the dye appeared in the tap water of the family's home and in several other wells in the vicinity. In addition, water samples from the family's home were tested at the state laboratory and were positive for *S. typhi*. Recommendations included suggestions that 1) the carrier be temporarily relocated in an area on city sewerage, 2) water from all homes in the neighborhood on private wells be boiled or chlorinated before consumption, and 3) city water and sewerage be installed in the neighborhood as soon as possible.

(Reported by Leland S. Harris, M.D., Health Officer, Yakima County Health District; Jack Allard, Ph.D., Chief, Laboratories Section, and Byron J. Francis, Chief, Epidemiology Section, Washington State Department of Social and Health Services, Health Services Division; and an EIS Officer.)

SURVEILLANCE SUMMARY
ASEPTIC MENINGITIS - United States, 1970

In 1970, 5,272 cases of aseptic meningitis were reported to CDC, based on annual summary forms from 44 of 53 reporting areas.* This compares with 2,598 cases reported in 1969 by 31 reporting areas. There were 44 recorded deaths from the disease in 1970, compared with 37 recorded deaths in 1969. Most cases occurred in the late summer and early fall months. Attack rates by state are shown in Figure 1. The dissimilar attack rates from state to state reflect variations in incidence, reporting practice, and emphasis in epidemiologic and laboratory investigation. Therefore, these data provide only a general overview of nationwide distribution and incidence of aseptic meningitis.

A diagnostic etiology was confirmed by serologic evidence or by agent isolation from cerebral spinal fluid in 478 cases in 1970: 416 were associated with enteroviruses, 42 with mumps, four with herpes simplex, two with California encephalitis virus, and 14 with other known agents. In an additional 265 cases, an enterovirus was isolated from other than the central nervous system without accompanying serologic evidence of recent infection by the isolated agent. Monthly distribution of cases by etiologic group is shown in Figure 2.

(Reported by the Neurotropic Viral Diseases Unit, Viral Diseases Branch, and the Statistical Services Activity, Epidemiology Program; the Virology Section, Microbiology Branch, Laboratory Division, CDC.)

*The total number of reported cases of aseptic meningitis based on weekly telegraphic reports was 6,480 for 1970.

Figure 2
CASES OF ASEPTIC MENINGITIS* IN 44 REPORTING AREAS, BY MONTH OF ONSET AND ETIOLOGY GROUP, 1970

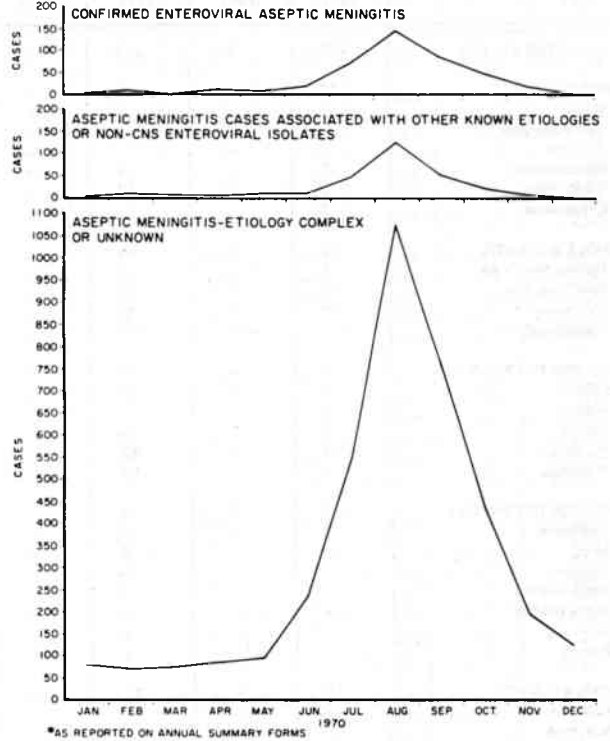
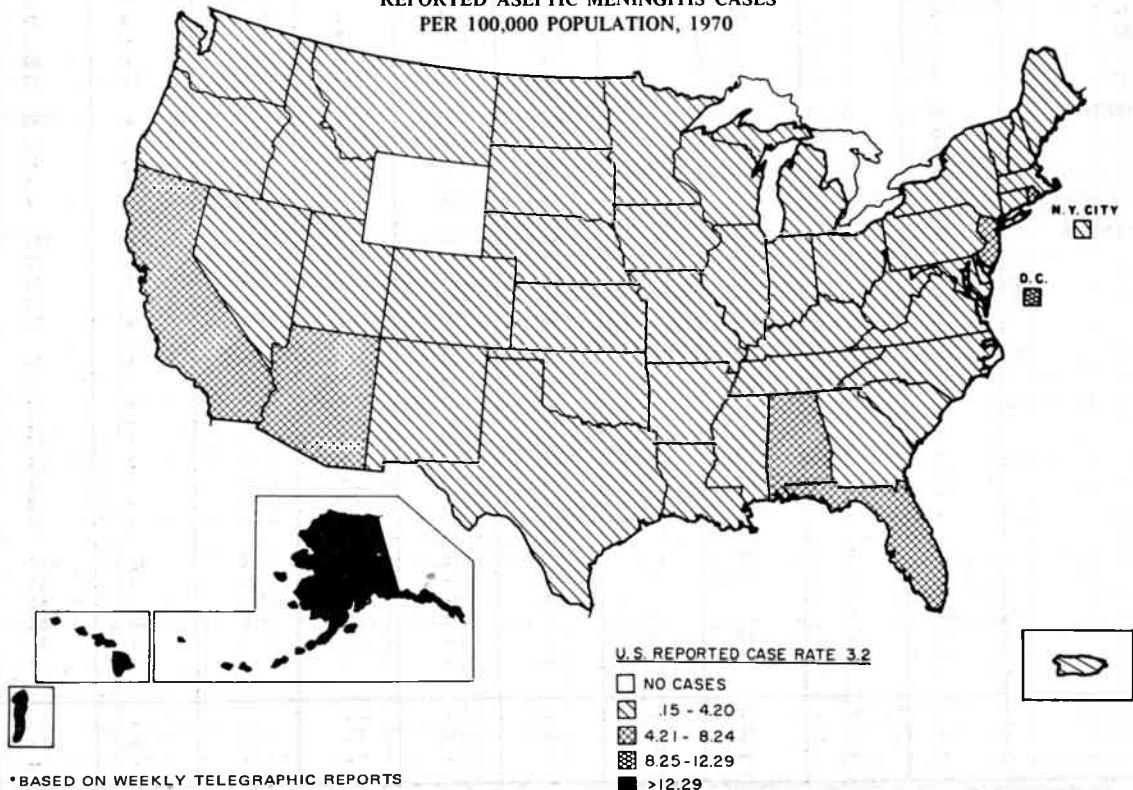


Figure 1
REPORTED ASEPTIC MENINGITIS CASES* PER 100,000 POPULATION, 1970



U.S. REPORTED CASE RATE 3.2

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING AUGUST 26, 1972 AND AUGUST 28, 1971 (34th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	CHICKEN- POX	DIPHTHERIA		ENCEPHALITIS			HEPATITIS		
						Primary including unspec. cases		Post In- fectious	Serum (Hepatitis B)	Infectious (Hepatitis A)	
						1972	1971	1972	1972	1972	1971
UNITED STATES	180	7	299	-	63	34	33	5	153	1,068	1,133
NEW ENGLAND	15	-	30	-	-	4	1	-	6	72	70
Maine *	-	-	-	-	-	-	-	-	1	1	14
New Hampshire	-	-	-	-	-	-	-	-	1	13	8
Vermont	-	-	-	-	-	-	-	-	-	4	5
Massachusetts	5	-	9	-	-	2	-	-	-	31	13
Rhode Island	8	-	10	-	-	-	-	-	3	11	11
Connecticut	2	-	11	-	-	2	1	-	1	12	19
MIDDLE ATLANTIC	59	-	16	-	3	4	4	-	43	149	213
Upstate New York	6	-	1	-	1	-	-	-	4	34	29
New York City	15	-	15	-	2	-	1	-	23	39	52
New Jersey *	38	-	NN	-	-	4	-	-	16	76	59
Pennsylvania *	---	---	---	---	-	---	3	---	---	---	73
EAST NORTH CENTRAL	29	-	169	-	4	9	6	2	22	158	141
Ohio	9	-	55	-	-	4	2	1	3	42	44
Indiana	5	-	7	-	-	-	1	-	-	12	6
Illinois	2	-	-	-	3	1	-	1	3	42	15
Michigan	13	-	17	-	1	1	3	-	15	60	65
Wisconsin	-	-	90	-	-	3	-	-	1	2	11
WEST NORTH CENTRAL	2	1	10	-	9	1	2	-	2	36	33
Minnesota	2	-	-	-	-	-	-	-	1	7	5
Iowa	-	1	3	-	-	1	-	-	-	5	7
Missouri	-	-	-	-	-	-	1	-	-	10	3
North Dakota	-	-	2	-	-	-	-	-	-	3	2
South Dakota	-	-	-	-	6	-	1	-	-	2	2
Nebraska	-	-	5	-	3	-	-	-	1	1	-
Kansas	-	-	-	-	-	-	-	-	-	8	14
SOUTH ATLANTIC	21	-	17	-	9	7	3	-	23	131	213
Delaware	-	-	-	-	-	-	-	-	-	3	5
Maryland	7	-	-	-	1	1	-	-	3	16	19
District of Columbia	-	-	1	-	-	-	-	-	1	-	-
Virginia	3	-	-	-	-	1	-	-	-	9	31
West Virginia *	-	-	15	-	-	-	-	-	-	6	26
North Carolina	8	-	NN	-	-	5	1	-	8	29	22
South Carolina	1	-	1	-	1	-	2	-	-	9	10
Georgia	-	-	-	-	2	-	-	-	-	22	16
Florida	2	-	-	-	5	-	-	-	11	37	84
EAST SOUTH CENTRAL	9	4	-	-	3	1	6	1	4	62	30
Kentucky	2	2	-	-	-	-	-	-	-	12	5
Tennessee	2	-	NN	-	-	1	6	-	3	39	17
Alabama	5	-	-	-	3	-	-	1	-	5	4
Mississippi	-	2	-	-	-	-	-	-	1	6	4
WEST SOUTH CENTRAL	16	1	17	-	24	1	4	-	6	157	116
Arkansas	-	-	1	-	-	-	-	-	-	36	4
Louisiana	7	1	NN	-	4	-	1	-	2	11	19
Oklahoma	2	-	-	-	-	1	-	-	-	19	33
Texas	7	-	16	-	20	-	3	-	4	91	60
MOUNTAIN	4	-	11	-	5	2	3	-	4	74	73
Montana	-	-	-	-	-	-	1	-	-	3	4
Idaho	3	-	-	-	2	-	2	-	-	9	8
Wyoming	-	-	-	-	-	-	-	-	-	2	1
Colorado	1	-	-	-	-	-	-	-	1	17	33
New Mexico	-	-	7	-	1	2	-	-	2	21	10
Arizona	-	-	4	-	2	-	-	-	-	12	15
Utah	-	-	-	-	-	-	-	-	-	8	1
Nevada	-	-	-	-	-	-	-	-	1	2	1
PACIFIC	25	1	29	-	6	5	4	2	43	229	244
Washington	1	-	7	-	4	-	-	-	1	15	20
Oregon	-	-	-	-	1	-	-	-	1	42	36
California	24	1	-	-	1	5	4	2	40	152	183
Alaska	-	-	18	-	-	-	-	-	1	11	1
Hawaii	-	-	4	-	-	-	-	-	-	9	4
Guam	-	-	7	-	-	2	---	-	-	-	---
Puerto Rico	-	-	6	-	-	-	-	-	-	13	57
Virgin Islands	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Aseptic meningitis: Pa. 1
Chickenpox: Me. 1Hepatitis B: Me. 1, N.J. delete 1, Pa. 5
Hepatitis A: Me. 5, N.J. delete 2, Pa. 11, W.Va. delete 1

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**TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING AUGUST 26, 1972 AND AUGUST 28, 1971 (34th WEEK) - Continued**

AREA	MALARIA		MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		RUBELLA	
	1972	Cum. 1972	1972	Cumulative		1972	Cumulative		1972	Cum. 1972	1972	Cum. 1972
				1972	1971		1972	1971				
UNITED STATES	13	666	126	26,613	68,448	6	969	1,714	322	55,987	193	20,435
NEW ENGLAND	2	21	10	3,091	3,411	-	39	79	11	2,362	1	941
Maine	-	2	-	243	1,460	-	3	8	1	281	-	67
New Hampshire	-	3	1	229	207	-	3	15	-	182	-	32
Vermont	-	1	-	125	116	-	-	-	-	111	-	68
Massachusetts	-	6	6	690	238	-	18	30	3	568	-	434
Rhode Island	1	1	-	519	238	-	10	3	1	372	-	88
Connecticut	1	8	3	1,285	1,152	-	5	23	6	848	1	252
MIDDLE ATLANTIC	-	49	11	974	7,469	-	119	234	44	3,067	7	1,853
Upstate New York	-	10	-	124	640	-	32	66	NN	NN	1	234
New York City	-	7	11	311	3,737	-	36	51	42	1,707	5	211
New Jersey	-	16	-	484	1,188	-	24	52	2	700	1	1,157
Pennsylvania *	---	16	---	55	1,904	---	27	65	---	660	---	251
EAST NORTH CENTRAL	2	71	53	10,950	15,159	-	141	197	65	15,393	30	5,485
Ohio	1	13	8	244	3,977	-	56	63	9	2,166	-	388
Indiana	-	1	4	1,232	2,721	-	11	14	7	994	10	664
Illinois	1	27	20	4,076	2,923	-	30	56	7	2,696	1	1,017
Michigan	-	27	2	1,973	2,262	-	38	52	14	2,679	6	1,259
Wisconsin	-	3	19	3,425	3,276	-	6	12	28	6,858	13	2,157
WEST NORTH CENTRAL	1	44	2	937	6,785	-	68	126	20	8,290	4	1,261
Minnesota	1	7	-	19	52	-	19	21	1	673	-	488
Iowa	-	3	1	652	2,238	-	2	9	5	5,674	4	383
Missouri	-	11	1	163	2,599	-	20	46	6	525	-	109
North Dakota	-	1	-	52	231	-	-	5	8	335	-	26
South Dakota	-	4	-	6	215	-	2	5	-	117	-	12
Nebraska	-	3	-	18	64	-	9	14	-	268	-	52
Kansas	-	15	-	27	1,386	-	16	26	-	698	-	191
SOUTH ATLANTIC	2	100	11	2,121	7,584	2	220	299	40	5,246	8	1,573
Delaware	-	-	-	48	37	-	1	2	-	88	-	7
Maryland	-	8	-	15	539	-	33	44	5	331	-	45
District of Columbia	-	5	-	2	15	-	9	12	-	20	-	6
Virginia	1	5	-	60	1,572	1	49	35	-	1,126	-	70
West Virginia *	-	2	4	270	492	-	7	7	17	2,323	3	383
North Carolina	-	36	-	33	1,925	-	27	53	NN	NN	-	28
South Carolina	-	10	-	214	903	-	20	20	-	174	-	50
Georgia	-	22	-	166	337	-	15	23	-	22	-	58
Florida	1	12	7	1,313	1,764	1	59	103	18	1,162	5	926
EAST SOUTH CENTRAL	1	163	7	1,038	8,170	-	77	148	21	2,942	6	1,517
Kentucky	-	143	5	524	3,891	-	25	38	-	457	-	855
Tennessee	-	-	-	191	1,017	-	28	59	19	1,881	6	506
Alabama	1	16	1	141	1,851	-	16	28	1	494	-	44
Mississippi	-	4	1	182	1,411	-	8	23	1	110	-	112
WEST SOUTH CENTRAL	5	76	11	1,447	12,337	3	122	145	35	4,732	17	1,482
Arkansas	-	5	-	13	777	-	9	5	-	160	-	35
Louisiana	-	6	-	82	1,669	-	35	51	3	301	1	89
Oklahoma	1	5	-	10	750	-	6	7	2	158	-	33
Texas	4	60	11	1,342	9,141	3	72	82	30	4,113	16	1,325
MOUNTAIN	-	42	6	1,756	3,186	-	18	54	10	2,874	51	1,115
Montana	-	2	-	15	923	-	2	6	1	175	-	30
Idaho	-	3	-	24	271	-	5	10	1	196	47	72
Wyoming	-	1	-	51	85	-	1	2	-	219	-	8
Colorado	-	27	1	520	826	-	4	7	1	735	-	515
New Mexico	-	1	4	119	341	-	2	4	-	559	2	96
Arizona	-	6	1	872	404	-	1	8	7	807	2	363
Utah	-	2	-	155	329	-	2	14	-	138	-	28
Nevada	-	-	-	-	7	-	1	3	-	45	-	3
PACIFIC	-	100	15	4,299	4,347	1	165	432	76	11,081	69	5,208
Washington	-	-	-	973	1,009	-	15	24	4	3,574	-	820
Oregon	-	11	1	130	370	-	13	31	14	1,513	5	359
California	-	77	14	3,090	2,541	1	128	369	55	5,629	63	3,958
Alaska	-	3	-	11	55	-	6	-	-	97	-	20
Hawaii	-	9	-	95	372	-	3	8	3	268	1	51
Guam	-	2	2	8	---	-	11	---	2	6	-	8
Puerto Rico	-	4	2	614	467	-	4	8	11	763	1	24
Virgin Islands	-	-	-	2	17	-	2	-	-	129	-	3

*Delayed reports: Malaria: W.Va. delete 1
Measles: Me. delete 1
Mumps: Pa. 8
Rubella: Pa. 3

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING AUGUST 26, 1972 AND AUGUST 28, 1971 (34th WEEK) — Continued

AREA	TETANUS	TB (New Active)	TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. spotted fever)		VENEREAL DISEASES		RABIES IN ANIMALS	
									GONOR- RHEA	SYPHILIS (Pri. & Sec.)		
	1972	1972	1972	Cum. 1972	1972	Cum. 1972	1972	Cum. 1972	1972	1972	1972	Cum. 1972
UNITED STATES	1	712	5	92	21	223	25	376	17,772	522	63	2,851
NEW ENGLAND	1	15	—	—	—	11	1	1	391	12	1	90
Maine	—	—	—	—	—	—	—	—	54	—	1	70
New Hampshire	—	—	—	—	—	2	—	—	16	—	—	3
Vermont	—	—	—	—	—	—	—	—	18	—	—	9
Massachusetts	—	13	—	—	—	7	1	1	126	4	—	2
Rhode Island	—	2	—	—	—	—	—	—	39	1	—	2
Connecticut	1	—	—	—	—	2	—	—	138	7	—	4
MIDDLE ATLANTIC	—	138	—	1	—	35	1	19	2,393	124	1	71
Upstate New York	—	24	—	—	—	12	—	5	546	11	1	36
New York City	—	84	—	—	—	19	—	1	1,485	83	—	—
New Jersey	—	30	—	1	—	3	1	8	362	30	—	—
Pennsylvania *	—	—	—	—	—	1	—	5	—	—	—	35
EAST NORTH CENTRAL	—	105	—	1	1	18	—	19	1,757	26	—	292
Ohio	—	41	—	1	—	6	—	18	727	6	—	83
Indiana	—	11	—	—	—	—	—	—	203	5	—	61
Illinois	—	26	—	—	1	6	—	—	96	1	—	50
Michigan	—	25	—	—	—	5	—	—	522	13	—	7
Wisconsin	—	2	—	—	—	1	—	1	209	1	—	91
WEST NORTH CENTRAL	—	29	2	22	—	5	—	15	1,258	11	15	778
Minnesota	—	6	—	—	—	—	—	—	130	—	3	172
Iowa	—	—	—	—	—	—	—	2	105	3	5	244
Missouri	—	14	2	17	—	3	—	8	600	4	3	70
North Dakota	—	1	—	—	—	—	—	—	18	—	1	107
South Dakota	—	2	—	1	—	—	—	4	41	—	—	76
Nebraska	—	1	—	1	—	—	—	—	123	2	1	11
Kansas *	—	5	—	3	—	2	—	1	241	2	2	98
SOUTH ATLANTIC	—	115	—	11	4	27	14	209	5,389	175	6	263
Delaware	—	3	—	—	—	—	—	1	46	—	—	—
Maryland	—	18	—	1	1	7	1	27	396	16	—	11
District of Columbia	—	5	—	—	—	2	—	1	328	20	—	—
Virginia	—	5	—	8	—	7	4	50	510	53	2	75
West Virginia	—	7	—	—	—	1	—	3	29	—	—	49
North Carolina	—	27	—	—	—	—	7	93	659	6	—	1
South Carolina	—	1	—	—	—	—	1	15	1,868	17	1	11
Georgia	—	21	—	1	1	2	1	18	595	29	1	65
Florida	—	28	—	1	2	8	—	1	958	34	2	51
EAST SOUTH CENTRAL	—	67	1	6	6	30	7	66	1,249	46	12	521
Kentucky *	—	16	—	—	1	7	—	3	154	11	6	203
Tennessee	—	22	1	5	2	10	5	45	596	19	3	266
Alabama *	—	17	—	1	3	8	1	6	220	10	3	51
Mississippi	—	12	—	—	—	5	1	12	279	6	—	1
WEST SOUTH CENTRAL	—	158	2	40	8	34	2	40	2,146	46	18	582
Arkansas	—	6	1	24	2	11	—	5	138	1	3	82
Louisiana *	—	—	—	3	1	6	—	—	406	22	—	31
Oklahoma	—	5	—	8	1	2	1	28	229	—	10	238
Texas	—	147	1	5	4	15	1	7	1,373	23	5	231
MOUNTAIN	—	2	—	8	—	5	—	6	594	11	1	64
Montana	—	—	—	—	—	—	—	2	35	—	—	6
Idaho	—	2	—	—	—	—	—	3	96	—	—	—
Wyoming	—	—	—	—	—	—	—	—	11	—	—	1
Colorado	—	—	—	1	—	—	—	—	170	2	—	—
New Mexico	—	—	—	—	—	1	—	—	90	1	—	15
Arizona*	—	—	—	2	—	2	—	—	114	7	1	39
Utah	—	—	—	5	—	2	—	1	28	—	—	2
Nevada	—	—	—	—	—	—	—	—	50	1	—	1
PACIFIC	—	83	—	3	2	58	—	1	2,595	71	9	190
Washington	—	6	—	—	—	2	—	1	270	5	—	—
Oregon	—	3	—	1	—	—	—	—	242	2	—	2
California	—	68	—	1	2	53	—	—	1,974	60	8	180
Alaska	—	—	—	1	—	—	—	—	78	2	1	8
Hawaii	—	6	—	—	—	3	—	—	31	2	—	—
Guam	—	1	—	—	—	—	—	—	5	1	—	—
Puerto Rico	2	37	—	—	—	5	—	—	62	16	—	36
Virgin Islands	—	—	—	—	—	—	—	—	7	2	—	—

*Delayed reports: Tuberculosis: Kans. delete 1, Ky. delete 1, Ala. 1, Ariz. delete 2
Gonorrhea: Pa. 699, La. delete 3

Syphilis: Pa. 26
Rabies in Animals: Pa. 3, Ariz. 1

Morbidity and Mortality Weekly Report

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDING AUGUST 26, 1972

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Week No. 34	All Causes				Pneumonia and Influenza All Ages	Area	All Causes			Pneumonia and Influenza All Ages
	Area	All Ages	65 years and over	Under 1 year			All Ages	65 years and over	Under 1 year	
	NEW ENGLAND	636	395	18	31	SOUTH ATLANTIC	1,165	614	41	47
	Boston, Mass.	194	107	6	9	Atlanta, Ga.	143	65	10	4
	Bridgeport, Conn.	38	26	—	1	Baltimore, Md.	238	117	6	5
	Cambridge, Mass.	23	18	—	6	Charlotte, N. C.	62	31	5	1
	Fall River, Mass.	32	17	—	—	Jacksonville, Fla.	106	57	3	2
	Hartford, Conn.	55	28	5	3	Miami, Fla.	99	52	1	3
	Lowell, Mass.	15	10	—	1	Norfolk, Va.	71	39	—	7
	Lynn, Mass.	16	11	1	—	Richmond, Va.	78	43	1	7
	New Bedford, Mass.	23	15	—	2	Savannah, Ga.	45	19	2	6
	New Haven, Conn.	49	28	1	—	St. Petersburg, Fla.	72	56	1	4
	Providence, R. I.	48	28	3	3	Tampa, Fla.	57	29	3	2
	Somerville, Mass.	13	10	—	—	Washington, D. C.	148	77	8	3
	Springfield, Mass.	49	35	—	4	Wilmington, Del.	46	29	1	3
	Waterbury, Conn.	35	31	1	—					
	Worcester, Mass.	46	31	1	2	EAST SOUTH CENTRAL	656	335	41	32
						Birmingham, Ala.	84	46	5	—
	MIDDLE ATLANTIC	3,185	1,941	142	89	Chattanooga, Tenn.	32	19	3	5
	Albany, N. Y.	50	31	1	—	Knoxville, Tenn.	33	19	2	1
	Allentown, Pa.	21	13	—	1	Louisville, Ky.	136	58	5	10
	Buffalo, N. Y.	135	76	4	2	Memphis, Tenn.	172	86	22	5
	Camden, N. J.	45	27	3	2	Mobile, Ala.	50	27	1	1
	Elizabeth, N. J.	25	17	—	1	Montgomery, Ala.	33	19	—	4
	Erie, Pa.	35	20	2	2	Nashville, Tenn.	116	61	3	6
	Jersey City, N. J.	68	58	2	—					
	Newark, N. J.	86	33	24	9	WEST SOUTH CENTRAL	1,266	627	69	39
	New York City, N. Y.**	1,605	984	63	43	Austin, Tex.	40	22	—	5
	Paterson, N. J.	48	23	2	2	Baton Rouge, La.	38	18	1	2
	Philadelphia, Pa.	500	290	19	9	Corpus Christi, Tex.	41	13	1	1
	Pittsburgh, Pa.	158	85	7	4	Dallas, Tex.	150	67	6	4
	Reading, Pa.	36	31	—	4	El Paso, Tex.	57	29	6	3
	Rochester, N. Y.	130	90	8	5	Fort Worth, Tex.	88	45	3	4
	Schenectady, N. Y.	22	16	1	—	Houston, Tex.	249	127	17	6
	Scranton, Pa.	25	19	—	1	Little Rock, Ark.	72	36	4	—
	Syracuse, N. Y.	84	56	3	1	New Orleans, La.	181	87	13	3
	Trenton, N. J.	39	23	2	1	Oklahoma City, Okla.**	90	48	5	2
	Utica, N. Y.	27	16	1	—	San Antonio, Tex.	130	65	7	1
	Yonkers, N. Y.	46	33	—	2	Shreveport, La.	68	35	4	3
						Tulsa, Okla.	62	35	2	5
	EAST NORTH CENTRAL	2,566	1,475	126	64	MOUNTAIN	431	235	31	11
	Akron, Ohio	59	37	1	—	Albuquerque, N. Mex.	35	13	4	1
	Canton, Ohio	31	21	—	1	Colorado Springs, Colo.	34	16	—	3
	Chicago, Ill.	677	381	34	17	Denver, Colo.	102	62	10	1
	Cincinnati, Ohio	141	88	2	2	Ogden, Utah	15	14	—	—
	Cleveland, Ohio	182	101	11	2	Phoenix, Ariz.	108	57	8	1
	Columbus, Ohio	133	76	4	1	Pueblo, Colo.	17	11	2	2
	Dayton, Ohio	106	59	2	2	Salt Lake City, Utah	52	32	5	—
	Detroit, Mich.	345	177	27	8	Tucson, Ariz.	68	30	2	3
	Evansville, Ind.	40	28	—	1					
	Flint, Mich.**	51	28	4	1	PACIFIC	1,563	953	44	22
	Fort Wayne, Ind.	53	34	1	2	Berkeley, Calif.	16	13	—	—
	Gary, Ind.	43	26	3	3	Fresno, Calif.	47	24	3	1
	Grand Rapids, Mich.	68	47	3	5	Glendale, Calif.	15	10	1	—
	Indianapolis, Ind.	125	76	4	2	Honolulu, Hawaii	53	27	6	—
	Madison, Wis.	64	32	6	9	Long Beach, Calif.	115	68	2	1
	Milwaukee, Wis.	140	77	9	2	Los Angeles, Calif.	448	279	13	5
	Peoria, Ill.	42	24	1	—	Oakland, Calif.	74	43	3	—
	Rockford, Ill.	41	19	6	—	Pasadena, Calif.	33	23	2	—
	South Bend, Ind.	57	41	2	3	Portland, Oreg.	133	89	3	2
	Toledo, Ohio	108	67	5	1	Sacramento, Calif.	49	28	2	—
	Youngstown, Ohio	60	36	1	2	San Diego, Calif.	105	60	3	3
						San Francisco, Calif.	182	110	2	3
	WEST NORTH CENTRAL	918	583	37	14	San Jose, Calif.	57	31	1	2
	Des Moines, Iowa	70	40	4	—	Seattle, Wash.	133	91	—	1
	Duluth, Minn.	39	26	1	—	Spokane, Wash.	53	34	1	3
	Kansas City, Kans.	35	16	1	4	Tacoma, Wash.	50	23	2	1
	Kansas City, Mo.	142	96	2	3					
	Lincoln, Nebr.	36	27	2	2	Total	12,386	7,158	549	349
	Minneapolis, Minn.	120	76	10	1	Expected Number	12,154	6,825	567	408
	Omaha, Nebr.	80	54	2	—	Cumulative Total				
	St. Louis, Mo.	228	126	11	3	(includes reported corrections	436,631	254,565	17,240	17,598
	St. Paul, Minn.	95	67	2	1	for previous weeks)				
	Wichita, Kans.	73	55	2	—					
	Las Vegas, Nev.*	---	---	---	---					

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

**Estimate based on average percent of divisional total.

INTERNATIONAL NOTES
QUARANTINE MEASURES

The following changes should be made in the "Supplement - United States Designated Yellow Fever Vaccination Centers," MMWR, Vol. 21, No. 20 (NOTE: This Supplement was incorrectly numbered as Volume 20.):

HAWAII**Hilo**

University of Hawaii Center for Cross-Cultural Training and Research
Change name and address to:
University of Hawaii
Chancellor's Office
1643 Kilauea Avenue 96720

ILLINOIS**Chicago**

United Air Lines Medical Dept. 60666
Change Clinic hours to: By appt.,
Fri. 2-3 p.m.

INDIANA**Crown Point**

NEW CENTER:
Lake County Health Department
209 West Joliet Street 46307
219, 633-0760
Wed., 9-11 a.m.. Fee charged.

MASSACHUSETTS**Boston**

Medical Care Associates, Inc. 02199
Change Clinic hours to: By appt.
Mon.-Fri., 9 a.m.-5 p.m.

MINNESOTA**Duluth**

Duluth Clinic 55802
Change telephone number to:
218, 722-8364

NEW MEXICO**University Park**

New Mexico State University
Change Zip Code to: 88003

NEW YORK**Brooklyn**

American Export Isbrantsen Lines, Inc.
Change name to:
American Export Lines, Inc.

New York

NEW CENTER:
Life Extension Institute
11 East 44 Street 10017
212, 687-2560
Mon.-Fri. 8:30 a.m.-4 p.m.
Fee charged.

Errata**Vol. 21, No. 32, p. 274**

In the article "Imported *Falciparum* Malaria - California," second paragraph, tenth sentence, delete albumin and insert fibrinogen.

Vol. 21, No. 33, p. 281

In the article "Strongyloidiasis Associated with Malnutrition - Florida," second paragraph, third sentence, delete hookworm and insert hookworm-like rhabditiform larvae.

Also, add the following names to the credits: M. Strome, P.H.N., M. Escoto, P.H.N., B. Gold, P.H.N., and M. Saslaw, M.D., Director, Dade County Department of Public Health.

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Director, Center for Disease Control
Director, Epidemiology Program, CDC
Editor, MMWR

David J. Sencer, M.D.
Philip 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 outbreaks or case investigations of current interest to health officials.

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CENTER FOR DISEASE CONTROL
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