

COMMUNICABLE DISEASE CENTER



Vol. 15, No. 24

WEEKLY
REPORT

Week Ending
June 18, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

EPIDEMIOLOGICAL NOTES AND REPORTS

CUTANEOUS ANTHRAX - Massachusetts

The recent case of anthrax reported from Massachusetts occurred in an employee at a mill that prepares yarn from goat and camel hair imported from Asia. The patient, a 20-year-old male, has worked in the fiber analysis laboratory for 2½ years. On April 14, he developed a small "pimple" on his right temple. During the next several days he noted an increase in the size of the pimple and recalled that it was pruritic. He did not see a physician until April 18, by which time the pimple was 2½ to 3 cm. in size and showed the typical appearance of a cutaneous anthrax lesion; swelling of the lymph nodes in the right side of the neck were noted. A smear from the lesion was

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reported to show *Bacillus anthracis* organisms and, subsequently, a culture confirmed the diagnosis. The patient was treated with tetracycline 500 mg. every 6 hours and made a rapid and complete recovery.

Since 1953, 13 cases of cutaneous anthrax have been reported among employees of this company whose average employment is 100 people. The company concerned

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

DISEASE	24th WEEK ENDED		MEDIAN 1961 - 1965	CUMULATIVE, FIRST 24 WEEKS		
	JUNE 18 1966	JUNE 19, 1965		1966	1965	MEDIAN 1961 - 1965
Aseptic meningitis	41	39	37	674	674	642
Brucellosis	1	6	8	90	106	178
Diphtheria	2	1	6	72	79	134
Encephalitis, primary:						
Arthropod-borne & unspecified	27	24	---	585	710	---
Encephalitis, post-infectious	14	16	---	411	386	---
Hepatitis, serum	33	548	660	597	17,156	22,343
Hepatitis, infectious	594			15,905		
Measles (rubeola)	4,472	6,268	12,377	172,613	220,468	340,473
Poliomyelitis, Total (including unspecified)	---	1	6	8	18	68
Paralytic	---	1	4	7	16	59
Nonparalytic	---	---	---	---	2	---
Meningococcal infections, Total	61	46	46	2,231	1,868	1,363
Civilian	56	46	---	1,979	1,706	---
Military	5	---	---	252	162	---
Rubella (German measles)	1,350	---	---	36,999	---	---
Streptococcal sore throat & Scarlet fever	6,777	6,142	4,856	252,654	234,840	206,241
Tetanus	7	8	---	65	101	---
Tularemia	4	11	---	64	109	---
Typhoid fever	6	14	9	133	171	171
Typhus, tick-borne (Rky. Mt. Spotted fever)	14	15	---	56	49	---
Rabies in Animals	93	68	68	2,082	2,321	1,997

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Botulism:	3
Leptospirosis: La.-2, Hawaii-2	22	Trichinosis: N.Y. Upstate-1	44
Malaria: N.Y. City-1, Mich.-1, Mo.-1	131	Rabies in Man:	1
Psittacosis: Tex.-1	20	Rubella, Congenital Syndrome: Minn.-1	18
Typhus, murine: Hawaii-1, Tex.-2	11		

INTERNATIONAL NOTES

VARIOLA MINOR - Britain

A total of 44 cases of variola minor in the County of Staffordshire, England, has been reported to the World Health Organization as of June 6, 1966 (see also MMWR, Vol. 15, Nos. 17, 18 and 21). Nineteen cases have occurred in the Stoke-on-Trent County Borough, 13 in the Walsall County Borough, 7 in the Cheadle Rural District, 2 each in the Warley County Borough and the Stone Rural District, and one in the city of Birmingham (Figure 1). Laboratory confirmation has been available on 26 of these cases. No fatalities have been reported.

The earliest known case occurred in the city of Birmingham on February 18, and five subsequent generations of cases appeared through June 2 (Figure 2). During the months of March and April the major foci for second and third generation cases seemed to cluster in both the Walsall County Borough and the Stone Rural District (Figure 3). Throughout May, Stoke-on-Trent was the major focus for fifth generation cases. Sixth generation cases in

(Continued on page 208)

Figure 1
VARIOLA MINOR IN STAFFORDSHIRE
COUNTY, ENGLAND

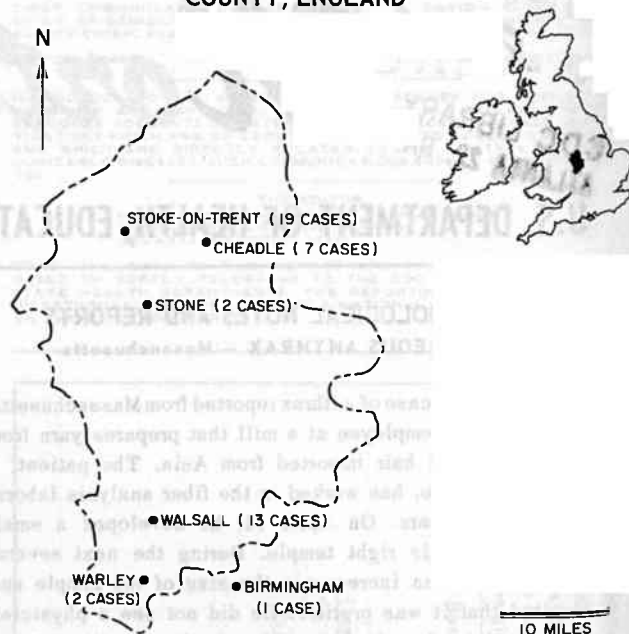


Figure 3
CASES OF VARIOLA MINOR BY WEEK OF ONSET
FEBRUARY 19-JUNE 4, 1966

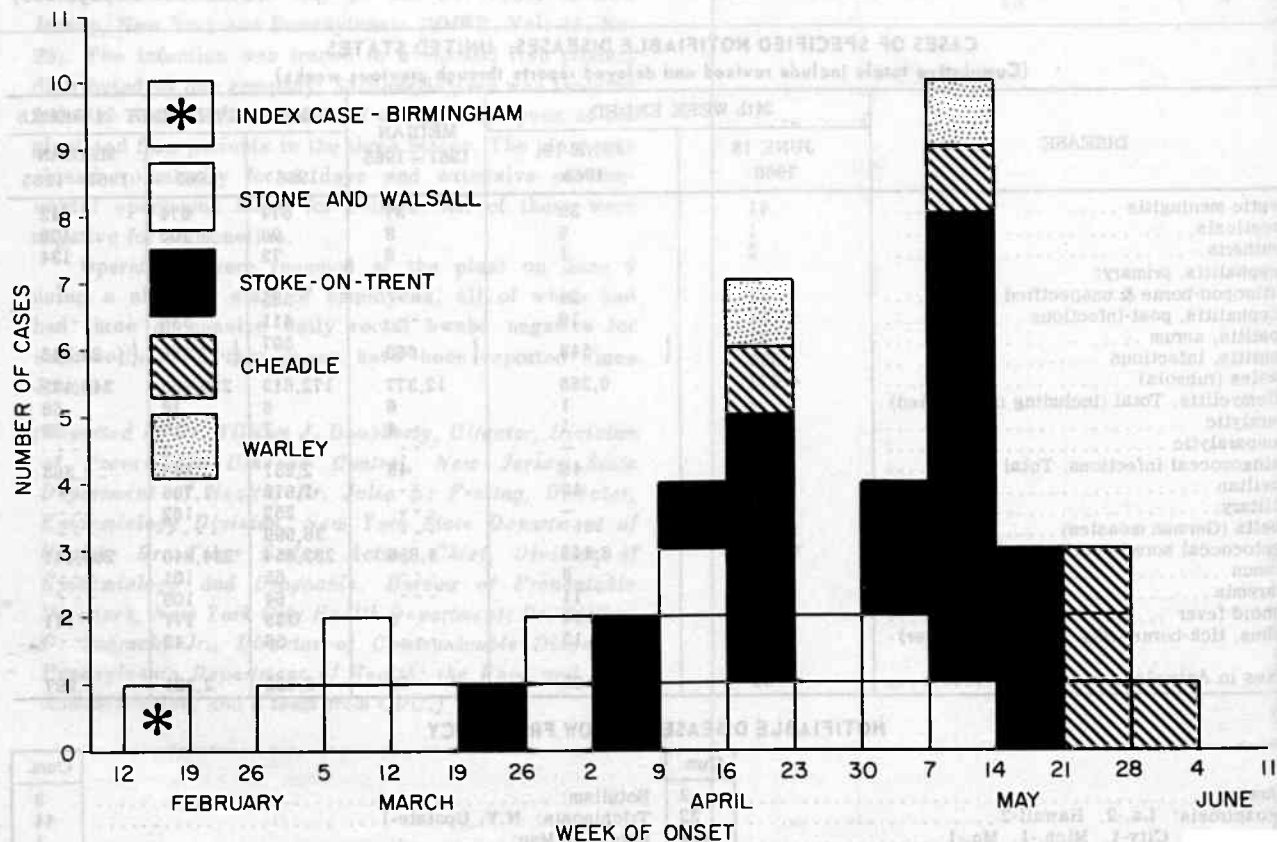
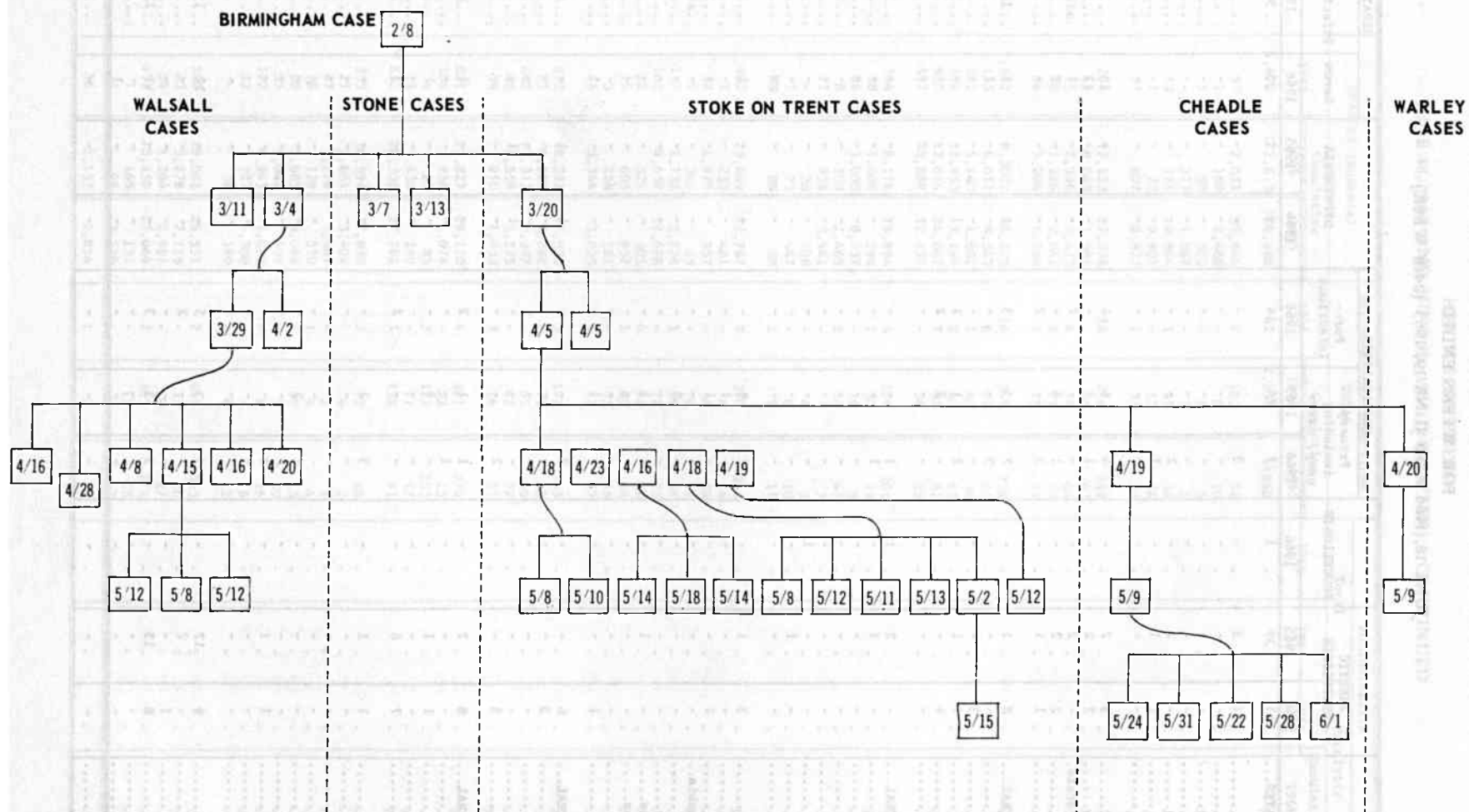


Figure 2
EPIDEMIOLOGIC PATTERN OF CASES OF VARIOLA MINOR
BY DATE OF ONSET



Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 18, 1966 AND JUNE 19, 1965 (24th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post- Infectious			Serum	Infectious	Both Types
	1966	1965		1966	1965	1966	1966	1965			
UNITED STATES...	41	39	1	27	24	14	2	1	33	594	548
NEW ENGLAND.....	1	3	-	3	-	-	-	-	-	15	28
Maine.....	-	-	-	-	-	-	-	-	-	3	2
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	5
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	2	-	2	-	-	-	-	-	6	15
Rhode Island.....	1	1	-	1	-	-	-	-	-	3	2
Connecticut.....	-	-	-	-	-	-	-	-	-	2	4
MIDDLE ATLANTIC.....	5	7	-	4	6	4	-	-	15	76	105
New York City.....	2	2	-	1	2	-	-	-	12	22	23
New York, Up-State.....	-	2	-	-	-	2	-	-	1	26	29
New Jersey.....	2	2	-	1	4	-	-	-	2	12	30
Pennsylvania.....	1	1	-	2	-	2	-	-	-	16	23
EAST NORTH CENTRAL...	8	1	-	7	3	3	1	-	1	108	100
Ohio.....	-	-	-	5	-	-	-	-	1	17	23
Indiana.....	3	-	-	-	-	-	-	-	-	11	13
Illinois.....	1	1	-	2	1	1	1	-	-	38	7
Michigan.....	4	-	-	-	2	2	-	-	-	39	49
Wisconsin.....	-	-	-	-	-	-	-	-	-	3	8
WEST NORTH CENTRAL...	-	2	1	1	-	-	-	-	-	37	23
Minnesota.....	-	1	-	1	-	-	-	-	-	2	11
Iowa.....	-	-	-	-	-	-	-	-	-	13	4
Missouri.....	-	-	-	-	-	-	-	-	-	21	6
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	1	-	-	-	-	-	-	-	-
Nebraska.....	-	1	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	1	2
SOUTH ATLANTIC.....	3	1	-	1	9	-	-	-	1	73	69
Delaware.....	-	-	-	-	1	-	-	-	-	-	-
Maryland.....	2	-	-	-	1	-	-	-	-	21	8
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	1	-
Virginia.....	-	-	-	-	5	-	-	-	-	12	16
West Virginia.....	-	-	-	-	-	-	-	-	-	4	12
North Carolina.....	-	1	-	1	1	-	-	-	-	6	9
South Carolina.....	-	-	-	-	-	-	-	-	-	2	5
Georgia.....	-	-	-	-	-	-	-	-	-	15	-
Florida.....	1	-	-	-	1	-	-	-	1	12	19
EAST SOUTH CENTRAL...	6	-	-	2	-	-	1	1	-	48	28
Kentucky.....	3	-	-	-	-	-	-	-	-	18	11
Tennessee.....	-	-	-	-	-	-	-	-	-	14	6
Alabama.....	-	-	-	-	-	-	1	1	-	3	9
Mississippi.....	3	-	-	2	-	-	-	-	-	13	2
WEST SOUTH CENTRAL...	8	7	-	1	1	2	-	-	4	42	49
Arkansas.....	-	-	-	1	-	-	-	-	-	3	4
Louisiana.....	1	1	-	-	1	-	-	-	1	11	6
Oklahoma.....	-	-	-	-	-	-	-	-	-	2	3
Texas.....	7	6	-	-	-	2	-	-	3	26	36
MOUNTAIN.....	1	1	-	3	2	-	-	-	-	37	25
Montana.....	-	-	-	-	-	-	-	-	-	1	3
Idaho.....	-	-	-	-	-	-	-	-	-	14	-
Wyoming.....	-	-	-	-	-	-	-	-	-	1	-
Colorado.....	-	-	-	1	2	-	-	-	-	2	7
New Mexico.....	-	-	-	-	-	-	-	-	-	5	3
Arizona.....	1	1	-	2	-	-	-	-	-	8	2
Utah.....	-	-	-	-	-	-	-	-	-	6	10
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	9	17	-	5	3	5	-	-	12	158	121
Washington.....	-	2	-	-	-	2	-	-	-	11	4
Oregon.....	1	-	-	-	-	-	-	-	-	16	11
California.....	8	15	-	5	3	3	-	-	11	121	97
Alaska.....	-	-	-	-	-	-	-	-	-	6	2
Hawaii.....	-	-	-	-	-	-	-	-	1	4	7
Puerto Rico.....	-	-	-	-	-	-	-	-	-	27	26

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 18, 1966 AND JUNE 19, 1965 (24th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
	1966	Cumulative		1966	Cumulative		Total		Paralytic		
		1966	1965		1966	1965	1966	1965	1966	Cumulative 1966	
UNITED STATES...	4,472	172,613	220,468	61	2,231	1,868	-	1	-	7	1,350
NEW ENGLAND.....	57	2,051	35,644	2	103	94	-	-	-	-	166
Maine.....	1	189	2,668	-	8	10	-	-	-	-	7
New Hampshire.....	5	50	373	-	8	5	-	-	-	-	1
Vermont.....	-	217	1,061	-	3	2	-	-	-	-	-
Massachusetts.....	13	716	18,864	1	41	32	-	-	-	-	90
Rhode Island.....	1	72	3,801	-	12	14	-	-	-	-	1
Connecticut.....	37	807	8,877	1	31	31	-	-	-	-	67
MIDDLE ATLANTIC.....	204	17,133	12,374	16	256	249	-	-	-	-	39
New York City.....	65	8,045	1,594	-	36	43	-	-	-	-	19
New York, Up-State.....	55	2,056	3,453	6	74	64	-	-	-	-	19
New Jersey.....	18	1,826	2,041	5	71	70	-	-	-	-	-
Pennsylvania.....	66	5,206	5,286	5	75	72	-	-	-	-	1
EAST NORTH CENTRAL...	1,582	6,3007	48,405	16	349	238	-	-	-	-	612
Ohio.....	135	6,011	8,363	6	97	63	-	-	-	-	30
Indiana.....	171	5,140	1,602	1	60	34	-	-	-	-	53
Illinois.....	124	10,953	2,194	2	64	62	-	-	-	-	253
Michigan.....	655	12,014	24,087	7	94	51	-	-	-	-	142
Wisconsin.....	497	28,889	12,159	-	34	28	-	-	-	-	134
WEST NORTH CENTRAL...	144	8,176	15,894	4	124	101	-	-	-	1	119
Minnesota.....	28	1,606	596	2	30	19	-	-	-	1	6
Iowa.....	86	5,000	8,837	-	16	5	-	-	-	-	102
Missouri.....	8	503	2,465	1	50	47	-	-	-	-	7
North Dakota.....	21	954	3,441	-	7	7	-	-	-	-	4
South Dakota.....	-	38	108	-	4	2	-	-	-	-	-
Nebraska.....	1	75	447	-	8	10	-	-	-	-	-
Kansas.....	NN	NN	NN	1	9	11	-	-	-	-	-
SOUTH ATLANTIC.....	407	13,469	22,767	7	370	364	-	-	-	1	86
Delaware.....	1	233	481	-	4	4	-	-	-	-	-
Maryland.....	57	1,979	957	-	34	36	-	-	-	-	14
Dist. of Columbia..	2	369	55	-	9	5	-	-	-	-	-
Virginia.....	157	1,732	3,778	1	49	44	-	-	-	-	23
West Virginia.....	103	4,658	12,628	-	12	23	-	-	-	-	13
North Carolina.....	22	321	301	4	92	68	-	-	-	-	-
South Carolina.....	16	605	957	1	43	52	-	-	-	-	5
Georgia.....	3	228	587	-	55	45	-	-	-	1	-
Florida.....	46	3,344	3,023	1	72	87	-	-	-	-	31
EAST SOUTH CENTRAL...	372	18,291	12,833	3	193	145	-	-	-	1	95
Kentucky.....	51	4,509	2,288	-	74	62	-	-	-	-	16
Tennessee.....	242	11,313	7,337	-	61	45	-	-	-	-	76
Alabama.....	45	1,559	2,175	-	42	27	-	-	-	-	3
Mississippi.....	34	910	1,033	3	16	11	-	-	-	1	-
WEST SOUTH CENTRAL...	831	21,827	29,110	4	321	274	-	-	-	3	2
Arkansas.....	204	954	1,074	-	23	13	-	-	-	-	-
Louisiana.....	4	85	85	3	122	153	-	-	-	-	-
Oklahoma.....	11	450	169	-	17	17	-	-	-	1	-
Texas.....	612	20,338	27,782	1	159	91	-	-	-	2	2
MOUNTAIN.....	335	10,594	17,890	2	72	60	-	-	-	-	106
Montana.....	21	1,661	3,409	-	4	2	-	-	-	-	5
Idaho.....	47	1,279	2,447	-	5	7	-	-	-	-	3
Wyoming.....	18	129	820	1	4	4	-	-	-	-	-
Colorado.....	60	1,085	5,096	-	38	13	-	-	-	-	35
New Mexico.....	55	1,042	599	-	9	10	-	-	-	-	-
Arizona.....	122	4,965	1,029	-	8	16	-	-	-	-	62
Utah.....	12	397	4,300	-	-	6	-	-	-	-	1
Nevada.....	-	36	190	1	4	2	-	-	-	-	-
PACIFIC.....	540	18,065	25,551	7	443	343	-	1	-	1	125
Washington.....	53	3,278	7,116	-	35	26	-	1	-	1	32
Oregon.....	54	1,264	2,981	-	29	27	-	-	-	-	36
California.....	431	13,259	12,044	7	361	271	-	-	-	-	51
Alaska.....	1	165	131	-	15	12	-	-	-	-	-
Hawaii.....	1	99	3,279	-	3	7	-	-	-	-	-
Puerto Rico.....	56	2,137	1,894	1	7	4	-	-	-	-	-

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 18, 1966 AND JUNE 19, 1965 (24th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	6,777	7	65	4	64	6	133	14	56	93	2,082
NEW ENGLAND.....	1,161	-	2	-	1	-	3	-	-	3	41
Maine.....	87	-	-	-	-	-	-	-	-	1	13
New Hampshire.....	23	-	-	-	-	-	-	-	-	-	12
Vermont.....	25	-	-	-	-	-	-	-	-	1	15
Massachusetts.....	231	-	2	-	1	-	-	-	-	1	1
Rhode Island.....	23	-	-	-	-	-	-	-	-	-	-
Connecticut.....	772	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	178	1	9	-	-	-	27	5	10	6	138
New York City.....	19	-	3	-	-	-	14	-	-	-	-
New York, Up-State.....	131	-	1	-	-	-	4	2	5	6	131
New Jersey.....	NN	-	1	-	-	-	6	3	4	-	-
Pennsylvania.....	28	1	4	-	-	-	3	-	1	-	7
EAST NORTH CENTRAL...	827	2	6	-	12	-	22	1	4	12	292
Ohio.....	118	2	2	-	3	-	9	1	3	3	154
Indiana.....	129	-	1	-	3	-	1	-	-	5	65
Illinois.....	148	-	1	-	5	-	3	-	1	2	25
Michigan.....	239	-	2	-	-	-	3	-	-	-	23
Wisconsin.....	193	-	-	-	1	-	6	-	-	2	25
WEST NORTH CENTRAL...	261	-	5	-	4	-	13	-	1	22	458
Minnesota.....	7	-	1	-	-	-	-	-	-	8	107
Iowa.....	100	-	1	-	-	-	4	-	-	4	100
Missouri.....	17	-	3	-	1	-	5	-	-	3	155
North Dakota.....	120	-	-	-	-	-	1	-	-	1	7
South Dakota.....	11	-	-	-	-	-	-	-	-	-	46
Nebraska.....	5	-	-	-	1	-	1	-	-	2	10
Kansas.....	1	-	-	-	2	-	2	-	1	4	33
SOUTH ATLANTIC.....	631	3	17	-	7	1	26	8	27	14	268
Delaware.....	15	-	-	-	-	-	-	-	-	-	-
Maryland.....	154	-	-	-	-	-	6	3	8	-	-
Dist. of Columbia..	2	-	-	-	-	-	-	-	-	-	-
Virginia.....	186	2	2	-	2	-	8	2	7	10	162
West Virginia.....	122	-	-	-	1	-	1	-	-	1	36
North Carolina.....	4	-	1	-	2	-	2	3	10	-	1
South Carolina.....	11	-	1	-	1	1	5	-	1	-	-
Georgia.....	1	-	6	-	1	-	1	-	1	1	39
Florida.....	136	1	7	-	-	-	3	-	-	2	30
EAST SOUTH CENTRAL...	1,019	-	3	2	15	3	13	-	6	10	278
Kentucky.....	38	-	1	-	2	-	2	-	-	4	45
Tennessee.....	850	-	2	-	9	-	5	-	6	5	218
Alabama.....	66	-	2	-	4	2	4	-	-	1	12
Mississippi.....	65	-	-	-	-	1	2	-	-	-	3
WEST SOUTH CENTRAL...	640	-	14	-	20	-	12	-	5	23	442
Arkansas.....	2	-	2	-	15	-	1	-	1	1	46
Louisiana.....	40	-	3	-	2	-	4	-	-	-	21
Oklahoma.....	5	-	1	-	2	-	3	-	4	6	121
Texas.....	593	-	8	-	1	-	4	-	-	16	254
MOUNTAIN.....	1,001	-	1	2	4	1	7	-	3	1	40
Montana.....	22	-	-	1	1	-	-	-	-	-	7
Idaho.....	80	-	-	-	-	-	-	-	-	-	-
Wyoming.....	18	-	-	-	-	-	-	-	-	-	-
Colorado.....	619	-	1	-	-	-	2	-	3	1	5
New Mexico.....	138	-	-	-	1	-	-	-	-	-	6
Arizona.....	79	-	-	1	1	-	1	-	-	-	21
Utah.....	44	-	-	-	1	-	3	-	-	-	-
Nevada.....	1	-	-	-	-	1	1	-	-	-	1
PACIFIC.....	1,059	1	8	-	1	1	10	-	-	2	125
Washington.....	62	-	-	-	-	-	1	-	-	1	1
Oregon.....	8	1	1	-	-	-	1	-	-	-	-
California.....	848	-	7	-	1	1	6	-	-	1	124
Alaska.....	8	-	-	-	-	-	-	-	-	-	-
Hawaii.....	133	-	-	-	-	-	2	-	-	-	-
Puerto Rico.....	3	-	26	-	-	1	6	-	-	1	8

Morbidity and Mortality Weekly Report

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Week No. _____

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 18, 1966

24

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

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	626	384	29	36	SOUTH ATLANTIC:	1,094	534	38	58
Boston, Mass.-----	181	101	4	15	Atlanta, Ga.-----	124	54	4	4
Bridgeport, Conn.-----	28	18	2	-	Baltimore, Md.-----	228	109	4	13
Cambridge, Mass.-----	22	11	-	1	Charlotte, N. C.-----	31	17	2	2
Fall River, Mass.-----	29	21	2	1	Jacksonville, Fla.-----	84	35	2	5
Hartford, Conn.-----	53	29	3	3	Miami, Fla.-----	78	41	-	1
Lowell, Mass.-----	30	22	4	3	Norfolk, Va.-----	75	37	7	7
Lynn, Mass.-----	19	14	-	-	Richmond, Va.-----	93	47	1	3
New Bedford, Mass.-----	31	24	-	2	Savannah, Ga.-----	31	11	-	1
New Haven, Conn.-----	43	19	1	2	St. Petersburg, Fla.-----	73	56	5	2
Providence, R. I.-----	64	37	2	4	Tampa, Fla.-----	60	39	9	3
Somerville, Mass.-----	14	11	1	-	Washington, D. C.-----	183	71	3	16
Springfield, Mass.-----	38	28	7	2	Wilmington, Del.-----	34	17	1	1
Waterbury, Conn.-----	29	20	1	2					
Worcester, Mass.-----	45	29	2	1	EAST SOUTH CENTRAL:	617	324	25	33
MIDDLE ATLANTIC:	3,128	1,805	116	170	Birmingham, Ala.-----	94	40	-	2
Albany, N. Y.-----	42	23	-	4	Chattanooga, Tenn.-----	60	32	6	2
Allentown, Pa.-----	32	22	-	-	Knoxville, Tenn.-----	53	36	2	-
Buffalo, N. Y.-----	134	80	6	10	Louisville, Ky.-----	117	62	8	6
Camden, N. J.-----	29	15	1	4	Memphis, Tenn.-----	111	59	1	11
Elizabeth, N. J.-----	24	16	-	1	Mobile, Ala.-----	39	19	1	2
Erie, Pa.-----	44	27	4	1	Montgomery, Ala.-----	43	22	2	6
Jersey City, N. J.-----	58	24	4	6	Nashville, Tenn.-----	100	54	5	4
Newark, N. J.-----	104	47	8	25	WEST SOUTH CENTRAL:	1,068	543	45	76
New York City, N. Y.-----	1,567	889	62	71	Austin, Tex.-----	50	27	10	8
Paterson, N. J.-----	40	21	1	2	Baton Rouge, La.-----	23	13	-	-
Philadelphia, Pa.-----	455	260	7	20	Corpus Christi, Tex.-----	19	4	-	2
Pittsburgh, Pa.-----	202	121	2	10	Dallas, Tex.-----	140	66	6	14
Reading, Pa.-----	45	31	1	1	El Paso, Tex.-----	35	21	2	3
Rochester, N. Y.-----	99	63	4	5	Fort Worth, Tex.-----	58	30	-	3
Schenectady, N. Y.-----	31	19	1	-	Houston, Tex.-----	183	82	4	17
Scranton, Pa.-----	38	26	4	-	Little Rock, Ark.-----	73	28	1	4
Syracuse, N. Y.-----	61	35	1	5	New Orleans, La.-----	182	100	6	11
Trenton, N. J.-----	57	37	4	2	Oklahoma City, Okla.-----	63	28	1	3
Utica, N. Y.-----	22	19	3	-	San Antonio, Tex.-----	108	62	7	5
Yonkers, N. Y.-----	44	30	3	3	Shreveport, La.-----	69	39	4	6
EAST NORTH CENTRAL:	2,438	1,350	78	146	Tulsa, Okla.-----	65	43	4	-
Akron, Ohio-----	71	44	-	8	MOUNTAIN:	426	219	23	39
Canton, Ohio-----	28	17	1	-	Albuquerque, N. Mex.-----	43	21	9	4
Chicago, Ill.-----	687	383	25	43	Colorado Springs, Colo.-----	23	7	1	5
Cincinnati, Ohio-----	182	116	5	4	Denver, Colo.-----	106	60	5	10
Cleveland, Ohio-----	216	129	3	9	Ogden, Utah-----	21	9	2	3
Columbus, Ohio-----	121	55	-	9	Phoenix, Ariz.-----	91	51	5	3
Dayton, Ohio-----	63	33	-	2	Pueblo, Colo.-----	29	15	-	3
Detroit, Mich.-----	325	171	11	18	Salt Lake City, Utah-----	67	32	-	8
Evansville, Ind.-----	40	22	2	-	Tucson, Ariz.-----	46	24	1	3
Flint, Mich.-----	36	18	1	3	PACIFIC:	1,626	939	40	86
Fort Wayne, Ind.-----	50	23	5	5	Berkeley, Calif.-----	21	12	-	-
Gary, Ind.-----	39	17	4	5	Fresno, Calif.-----	61	30	5	5
Grand Rapids, Mich.-----	54	34	4	2	Glendale, Calif.-----	28	20	-	3
Indianapolis, Ind.-----	147	78	4	14	Honolulu, Hawaii-----	59	27	3	7
Madison, Wis.-----	50	20	-	4	Long Beach, Calif.-----	56	37	-	3
Milwaukee, Wis.-----	113	68	5	7	Los Angeles, Calif.-----	550	318	12	32
Peoria, Ill.-----	27	12	1	3	Oakland, Calif.-----	76	49	4	2
Rockford, Ill.-----	30	15	2	2	Pasadena, Calif.-----	32	21	-	1
South Bend, Ind.-----	34	20	1	-	Portland, Oreg.-----	151	82	1	10
Toledo, Ohio-----	84	53	4	2	Sacramento, Calif.-----	69	34	1	3
Youngstown, Ohio-----	41	22	-	6	San Diego, Calif.-----	91	59	3	4
WEST NORTH CENTRAL:	803	494	22	47	San Francisco, Calif.-----	210	111	4	7
Des Moines, Iowa-----	60	39	-	4	San Jose, Calif.-----	35	22	5	3
Duluth, Minn.-----	29	17	2	-	Seattle, Wash.-----	116	69	1	6
Kansas City, Kans.-----	29	12	1	5	Spokane, Wash.-----	46	30	-	-
Kansas City, Mo.-----	132	82	2	6	Tacoma, Wash.-----	25	18	1	-
Lincoln, Nebr.-----	25	17	2	2	Total	11,826	6,592	416	691
Minneapolis, Minn.-----	107	76	2	10					
Omaha, Nebr.-----	71	43	3	3					
St. Louis, Mo.-----	240	138	9	12					
St. Paul, Minn.-----	59	38	-	2					
Wichita, Kans.-----	51	32	1	3					

EPIDEMIOLOGICAL NOTES AND REPORTS

CUTANEOUS ANTHRAX - Massachusetts

(Continued from front page)

had initiated an anthrax immunization program in 1962, but this laboratory employee had received only a single inoculation of the anthrax antigen in September 1965. The most recent case prior to the current case was reported in December 1963 in an employee who had received no vaccine and developed a lesion on his left forefinger.

Previous studies have indicated that a single inoculation of the vaccine will not give protection against cutaneous anthrax lesions.

(Reported by Dr. N.J. Fiumara, Director, Division of Communicable Diseases, Massachusetts Department of Public Health; Dr. Heinrich G. Brugsch, Division of Occupational Hygiene, Department of Labor and Industries, the Commonwealth of Massachusetts.)

INTERNATIONAL NOTES

VARIOLA MINOR - Britain

(Continued from page 202)

late May and early June were confined to the Cheadle Rural District.

Of the 44 cases, 21 were in males and 23 in females; 27 cases occurred in persons under 20 years of age. Four of the 44 patients had been vaccinated prior to exposure; all of these were adults vaccinated at least 30 years previously. Ten patients were vaccinated after exposure and 30 persons had never been vaccinated (Table 1).

The source of the outbreak remains unidentified.

(Compiled from reports from the World Health Organization.)

Table 1
VARIOLA MINOR IN BRITAIN
Cases According to Age and History of Vaccination

Age	VACCINATION STATUS			Total
	Prior to 14 days Before Onset	Within 14 days After Exposure	Not Vaccinated	
0-4	0	1	1	2
5-9	0	3	3	6
10-14	0	1	10	11
15-19	0	2	7	9
20-29	0	0	5	5
30-39	1*	0	0	1
40-49	1*	2†	2	5
50-59	2*	1	1	4
60+	0	0	1	1
Total	4	10	30	44

*Vaccinated in early childhood.

†One case vaccinated in early childhood and after exposure.

On June 9, a case of variola was reported to WHO from Monmouthshire, Wales, approximately 100 miles from the County of Staffordshire. It is not yet known whether this case is related to previous cases or represents a new introduction.

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ACTING CHIEF, STATISTICS SECTION

DAVID J. SENCER, M.D.
A.D. LANGMUIR, M.D.
IDA L. SHERMAN, M.S.

EDITOR: MMWR

D.J.M. MACKENZIE, M.B.
F.R.C.P.E.

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
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NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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