



Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
DATE OF RELEASE: OCTOBER 16, 1970 - ATLANTA, GEORGIA 30333

EPIDEMIOLOGIC NOTES AND REPORTS

ORGANIC PHOSPHATE POISONING - Cleveland, Ohio

At 7 a.m. on July 22, 1970, 3-week-old twins were admitted to a hospital in Cleveland with a history of progressive respiratory distress which began about 11 p.m. on July 21. On admission, one twin was cyanotic. Both were afebrile, had rapid shallow breathing, profuse nasal and bronchial secretions, and pinpoint pupils. Neither had muscle fasciculation. At 48 hours, the sicker twin had serum pseudocholinesterase activity of 168 mmol. acetylcholine/hr., more than one standard deviation below the mean (247 mmol. Ach./hr.). The other twin had normal serum pseudocholinesterase activity by this test. The clinical picture and laboratory results strongly suggested organic phosphate poisoning. The cyanotic twin improved after treatment with atropine and protopam. Both twins were given nasotracheal suction and oxygen. After 4 days, their pupil size returned to normal. Both twins were discharged in 5 days.

Epidemiologic investigation revealed that the family lived in one-half of a wooden 2-story house that had been

CONTENTS

Epidemiologic Notes and Reports	
Organic Phosphate Poisoning - Cleveland, Ohio	397
Current Trends	
Immunization Requirements Prior to School Entry -	
United States, Puerto Rico, and the Virgin Islands	398
Summary of Reported Cases of Infectious Syphilis	398
International Notes	
Quarantine Measures	404

divided into two apartments by partitions. It was located in a lower socioeconomic census tract. The other members of the family were well: father, mother, and three other children ages 2 years and older. About 10:30 a.m. on July 21, the adjoining apartment had been sprayed for control of cockroaches by a licensed exterminator with a 1 percent Diazanone* solution. The insecticide was sprayed in the form of a high pressure stream directed at baseboards, cracks in the walls, and behind furniture. The mother and three children (ages 3-6 years) living in the sprayed apart-

(Continued on page 404)

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

DISEASE	40th WEEK ENDED		MEDIAN 1965 - 1969	CUMULATIVE, FIRST 40 WEEKS		
	October 10, 1970	October 4, 1969		1970	1969	MEDIAN 1965 - 1969
Aseptic meningitis	184	146	92	4,321	2,520	2,323
Brucellosis	6	3	3	161	177	194
Diphtheria	11	8	8	344	134	134
Encephalitis, primary:						
Arthropod-borne & unspecified	49	60	45	1,151	952	1,251
Encephalitis, post-infectious	3	4	8	335	255	567
Hepatitis, serum	126	114	867	5,487	4,031	31,195
Hepatitis, infectious	883	967	43	42,889	35,912	1,533
Malaria	35	64	224	2,564	2,248	58,445
Measles (rubeola)	179	178	27	40,131	20,880	2,425
Meningococcal infections, total	22	26	26	1,964	2,441	2,235
Civilian	17	26	1	1,766	2,235	182
Military	5	-	1	198	206	-
Mumps	740	634	1	78,148	69,875	48
Poliomyelitis, total	-	-	1	23	14	39
Paralytic	-	-	6	23	13	-
Rubella (German measles)	255	331	5	50,308	50,013	147
Tetanus	5	4	5	94	120	141
Tularemia	4	-	12	121	114	299
Typhoid fever	6	12	7	248	236	261
Typhus, tick-borne (Rky. Mt. spotted fever)	2	7	53	316	411	3,233
Rabies in animals	44	50		2,336	2,709	

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis:	24
Botulism:	9	Rabies in Man:	2
Leprosy:	93	Rubella congenital syndrome:	51
Leptospirosis:	34	Trichinosis: Iowa-1, Ohio-2	81
Plague:	12	Typhus, murine:	31

*Delayed reports: Rubella congenital syndrome: Va. 2

CURRENT TRENDS
IMMUNIZATION REQUIREMENTS PRIOR TO SCHOOL ENTRY
 United States, Puerto Rico, and the Virgin Islands

A survey was recently conducted among State immunization project directors to determine what immunizations are required prior to school entrance in the 53 States and Territories. The results of this survey are presented in Table 1. The following qualifications about the survey should be noted. 1) The data represent only State laws or regulations. In many States, local government units have been delegated the optional authority to issue their own requirements. 2) The data were collected from an operational rather than a legal point of view and were not authenticated by statute research. 3) The usual exemptions, such as immunizations being contrary to religious beliefs or medical contraindications, were not identified.

The survey determined that 31 of the 53 States and Territories have mandatory school entry immunization requirements for one or more diseases. Twenty-two have no requirements. Five of these, however, are proposing laws to make some immunizations mandatory for school entrance. Additional mandatory requirements are being established by States and Territories as new vaccines come into wide use.

Table 2
Disease Rates per 100,000 Population (1967) for
States Having School Entry Immunization Laws
Compared with Those Not Having Such Laws

Disease	With Laws	Without Laws
Measles, 1969	10.5	15.8
Polio, 1969	.004	.014
Diphtheria, 1968*	.092	.161

*1969 Diphtheria cases unavailable.

For example, 21 States now have school entry requirements for measles and 11 States have already added rubella. Further analysis of the data found a statistically significant difference in disease rates per 100,000 population between States having school entry immunization laws and those States without such laws (Table 2).

(Reported by the Immunization Branch, State and Community Services Division, CDC.)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas September 1969 and September 1970 - Provisional Data

Reporting Area	September		Cumulative Jan. - Sept.		Reporting Area	September		Cumulative Jan. - Sept.	
	1970	1969	1970	1969		1970	1969	1970	1969
NEW ENGLAND.....	56	34	407	283	EAST SOUTH CENTRAL.....	75	100	584	749
Maine.....	1	2	11	6	Kentucky.....	20	7	157	122
New Hampshire.....	-	-	2	7	Tennessee.....	17	42	134	239
Vermont.....	1	-	2	1	Alabama.....	13	26	118	197
Massachusetts.....	22	17	218	167	Mississippi.....	25	25	175	191
Rhode Island.....	9	5	48	31	WEST SOUTH CENTRAL.....	393	319	2,956	2,815
Connecticut.....	23	10	126	71	Arkansas.....	38	24	217	161
MIDDLE ATLANTIC.....	496	324	4,046	2,874	Louisiana.....	80	57	569	627
Upstate New York.....	34	22	294	206	Oklahoma.....	15	6	77	57
New York City.....	333	201	2,862	1,973	Texas.....	260	232	2,093	1,970
Pa. (Excl. Phila.).....	17	9	117	106	MOUNTAIN.....	39	68	439	482
Philadelphia.....	19	17	154	162	Montana.....	-	2	5	8
New Jersey.....	93	75	619	427	Idaho.....	-	2	1	8
EAST NORTH CENTRAL.....	187	259	1,827	1,950	Wyoming.....	-	-	3	5
Ohio.....	23	32	270	282	Colorado.....	-	1	30	35
Indiana.....	21	39	324	272	New Mexico.....	4	28	87	206
Downstate Illinois.....	12	25	95	194	Arizona.....	15	28	180	158
Chicago.....	74	90	631	693	Utah.....	9	1	18	13
Michigan.....	50	71	437	491	Nevada.....	11	6	115	49
Wisconsin.....	7	2	70	18	PACIFIC.....	247	200	1,900	1,447
WEST NORTH CENTRAL.....	35	38	387	276	Washington.....	9	5	37	44
Minnesota.....	8	7	62	39	Oregon.....	1	5	22	33
Iowa.....	-	4	9	30	California.....	235	188	1,822	1,359
Missouri.....	17	12	208	126	Alaska.....	2	2	11	7
North Dakota.....	1	2	4	8	Hawaii.....	-	-	8	4
South Dakota.....	-	6	13	15	U. S. TOTAL.....	1,985	1,726	16,248	14,511
Nebraska.....	1	2	16	24	TERRITORIES.....	81	101	717	903
Kansas.....	8	5	75	34	Puerto Rico.....	79	99	696	883
SOUTH ATLANTIC.....	457	384	3,702	3,635	Virgin Islands.....	2	2	21	20
Delaware.....	7	3	90	33					
Maryland.....	40	34	318	312					
District of Columbia.....	51	51	406	423					
Virginia.....	20	33	196	219					
West Virginia.....	1	2	20	15					
North Carolina.....	30	27	356	371					
South Carolina.....	37	48	273	437					
Georgia.....	137	80	1,032	785					
Florida.....	134	106	1,011	1,040					

Note: Cumulative Totals include revised and delayed reports through previous months.

Table 1
Immunization Requirements Prior to School Entry
October 1970

State	Is there a state law requiring immunization for a specific disease or diseases prior to school entry?	Diphtheria Immunization Required	Measles Immunization Required	Pertussis Immunization Required	Polio Immunization Required	Rubella Immunization Required	Smallpox Immunization Required	Tetanus Immunization Required	If state laws are currently in effect, list the administrative body having responsibility for issuing implementing regulations?		Have regulations been issued?	If yes, is compliance required?	If the authority to issue these regulations has been delegated to a level of local government, list the governmental dept.		If no state law at present, are there plans pending for proposing such a law?
									Dept. of Health	Dept. of Education			Health	Education	
Alabama	No														No
Alaska	No														No
Arizona	No														Yes
Arkansas	Yes	Yes	Yes	Yes	Yes		Yes	Yes			Yes	Yes		X	
California	Yes	Yes	Yes	Yes	Yes				X	X	Yes	Yes			
Colorado	No														
Connecticut	Yes	Yes		Yes		Yes								X	
Delaware	No														No
District of Columbia	Yes					Yes		X			Yes			X	No
Florida	No														
Georgia	Yes	Yes	Yes	Yes	Yes		Yes	Yes	X		Yes	Yes			
Hawaii	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			
Idaho	No														No
Illinois	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	Yes	Yes		X	No
Indiana	No														
Iowa	No														Yes
Kansas	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes		X	
Kentucky	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			
Louisiana	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes							
Maine	No														No
Maryland	Yes	Yes	Yes	Yes	Yes		Yes	Yes	X		Yes	Yes	X	X	
Massachusetts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			
Michigan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			
Minnesota	Yes	Yes	Yes	Yes	Yes		Yes	Yes	X	X	Yes	Yes		X	
Mississippi	Yes	Yes	Yes	Yes	Yes		Yes	Yes	X	X	Yes	Yes		X	
Missouri	Yes	Yes			Yes		Yes		X		Yes	Yes			
Montana	No								X		No			X	Yes
Nebraska	No													X	No
Nevada	No														No
New Hampshire	Yes						Yes		X		No				
New Jersey	Yes	Yes	Yes		Yes	Yes	Yes	Yes	X	X	Yes	Yes		X	
New Mexico	Yes	Yes		Yes	Yes		Yes	Yes	X		Yes	Yes			
New York	Yes		Yes		Yes	Yes	Yes	Yes	X		Yes	Yes	X		
North Carolina	Yes	Yes		Yes	Yes		Yes	Yes	X		No				No
North Dakota	No														
Ohio	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X	X	Yes	Yes			
Oklahoma	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes				
Oregon	No													X	Yes
Pennsylvania	Yes						Yes	Yes	X		Yes	Yes			
Rhode Island	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		X			X	X	
South Carolina	Yes						Yes		X		Yes	Yes	X		
South Dakota	No														No
Tennessee	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			
Texas	No													X	No
Utah	No														No
Vermont	No														No
Virginia	Yes					Yes				X	Yes	Yes		X	No
Washington	No														No
West Virginia	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	X		Yes	Yes			No
Wisconsin	No														No
Wyoming	No														No
Puerto Rico	Yes					Yes		X			Yes	Yes			Yes
Virgin Islands	Yes	Yes	Yes							X	Yes				
Total	31 Yes 22 No	19	21	16	22	11	27	17	Health: Education: Combined:	20 4 5	25 Yes 3 No	22 Yes	Health: Education: Combined:	2 13 2	5 Yes

Source of Information: Immunization Projects, Immunization Branch, State and Community Services Division, Center for Disease Control, Atlanta, Georgia.

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

OCTOBER 10, 1970 AND OCTOBER 4, 1969 (40th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1970	Cum. 1970
				1970	1969	1970	1970	1970	1969		
UNITED STATES.....	184	6	11	49	60	3	126	883	967	35	2,564
NEW ENGLAND.....	4	-	-	-	5	1	3	99	106	1	75
Maine.....	-	-	-	-	-	1	-	22	15	1	8
New Hampshire.....	-	-	-	-	-	-	-	1	6	-	6
Vermont.....	-	-	-	-	-	-	-	4	2	-	5
Massachusetts.....	3	-	-	-	1	-	-	39	56	-	35
Rhode Island.....	1	-	-	-	-	-	-	8	11	-	9
Connecticut.....	-	-	-	-	4	-	3	25	16	-	12
MIDDLE ATLANTIC.....	44	-	-	10	9	-	69	262	158	2	265
New York City.....	2	-	-	-	-	-	42	64	62	1	36
New York, Up-State.*	15	-	-	2	1	-	7	61	24	1	77
New Jersey.*	10	-	-	-	-	-	17	79	42	-	70
Pennsylvania.....	17	-	-	8	8	-	3	58	30	-	82
EAST NORTH CENTRAL.....	44	-	-	23	20	-	13	152	172	4	157
Ohio.....	19	-	-	14	16	-	3	47	36	-	27
Indiana.*	5	-	-	-	-	-	-	8	13	1	18
Illinois.....	6	-	-	2	2	-	1	26	27	-	44
Michigan.....	14	-	-	7	2	-	9	59	91	3	68
Wisconsin.....	-	-	-	-	-	-	-	12	5	-	-
WEST NORTH CENTRAL.....	9	3	-	1	4	-	2	42	40	13	261
Minnesota.....	8	-	-	-	3	-	-	10	12	1	21
Iowa.*	-	3	-	1	1	-	-	6	6	-	21
Missouri.....	-	-	-	-	-	-	1	8	17	2	24
North Dakota.*	1	-	-	-	-	-	-	3	-	-	3
South Dakota.....	-	-	-	-	-	-	-	-	-	-	2
Nebraska.....	-	-	-	-	-	-	-	1	2	-	3
Kansas.....	-	-	-	-	-	-	1	14	3	10	187
SOUTH ATLANTIC.....	41	1	2	7	1	1	24	126	103	2	504
Delaware.....	-	-	-	-	-	-	-	3	3	-	2
Maryland.....	6	-	2	-	-	-	1	15	11	-	65
Dist. of Columbia....	6	-	-	-	-	-	4	4	2	-	2
Virginia.*	1	1	-	2	-	-	2	22	6	-	65
West Virginia.....	1	-	-	-	-	-	-	5	5	2	9
North Carolina.....	5	-	-	1	1	-	5	11	37	-	195
South Carolina.....	2	-	-	-	-	-	-	5	2	-	46
Georgia.....	-	-	-	-	-	-	-	5	26	-	74
Florida.....	20	-	-	4	-	1	12	56	11	-	46
EAST SOUTH CENTRAL.....	28	1	1	7	2	-	4	49	46	1	167
Kentucky.....	1	-	-	-	-	-	-	19	19	-	134
Tennessee.....	5	1	-	5	1	-	2	25	16	-	-
Alabama.....	21	-	-	-	-	-	-	2	1	1	22
Mississippi.....	1	-	1	2	1	-	2	3	10	-	11
WEST SOUTH CENTRAL.....	11	1	7	-	3	1	2	59	78	4	449
Arkansas.*	-	-	-	-	-	-	-	2	5	-	10
Louisiana.....	5	-	3	-	2	1	1	10	13	2	34
Oklahoma.....	-	1	-	-	1	-	-	3	8	-	78
Texas.....	6	-	4	-	-	-	1	44	52	2	327
MOUNTAIN.....	2	-	-	-	11	-	6	46	29	2	196
Montana.....	-	-	-	-	1	-	-	1	2	-	10
Idaho.....	2	-	-	-	-	-	-	-	-	2	6
Wyoming.....	-	-	-	-	-	-	-	2	4	-	-
Colorado.....	-	-	-	-	9	-	3	29	-	-	161
New Mexico.....	-	-	-	-	-	-	-	2	4	-	8
Arizona.....	---	---	---	---	1	---	---	---	16	---	8
Utah.....	-	-	-	-	-	-	3	11	1	-	3
Nevada.....	-	-	-	-	-	-	-	1	2	-	-
PACIFIC.....	1	-	1	1	5	-	3	48	235	6	490
Washington.....	-	-	-	-	-	-	-	29	31	-	45
Oregon.....	-	-	1	-	-	-	3	19	21	-	15
California.....	---	---	---	---	5	---	---	---	180	---	312
Alaska.....	---	---	---	---	-	---	---	---	1	---	1
Hawaii.....	1	-	-	1	-	-	-	-	2	6	117
Puerto Rico.....	---	---	---	---	-	---	---	---	7	---	9
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Encephalitis, primary: N. Dak, 1
Hepatitis, infectious: N.Y, Ups, 13, N.J, delete 1, Ind, delete 1, Ark, 77
Malaria: Iowa 1, Va, 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

OCTOBER 10, 1970 AND OCTOBER 4, 1969 (40th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1970	Cumulative		1970	Cumulative		1970	Cum. 1970	Total 1970	Paralytic	
		1970	1969		1970	1969				1970	Cum. 1970
UNITED STATES.....	179	40,131	20,880	22	1,964	2,441	740	78,148	-	-	23
NEW ENGLAND.....	33	908	1,118	1	84	95	64	9,074	-	-	-
Maine.....	18	223	9	-	3	6	10	703	-	-	-
New Hampshire.....	4	56	239	-	8	3	-	333	-	-	-
Vermont.....	-	8	3	-	7	-	-	595	-	-	-
Massachusetts.....	4	409	220	-	37	37	11	2,841	-	-	-
Rhode Island.....	-	120	27	-	6	12	28	1,570	-	-	-
Connecticut.....	7	92	620	1	23	37	15	3,032	-	-	-
MIDDLE ATLANTIC.....	20	4,934	7,548	6	361	401	36	7,689	-	-	-
New York City.....	8	908	4,929	-	84	76	11	2,823	-	-	-
New York, Up-State...	9	311	602	1	71	77	NN	NN	-	-	-
New Jersey.....	-	1,710	919	5	138	160	3	2,094	-	-	-
Pennsylvania.....	3	2,005	1,098	-	68	88	22	2,772	-	-	-
EAST NORTH CENTRAL.....	34	9,869	2,313	2	228	334	243	21,043	-	-	2
Ohio.....	1	3,813	390	-	86	124	31	3,716	-	-	-
Indiana.....	-	273	467	1	20	40	22	1,882	-	-	-
Illinois.....	14	3,078	562	-	56	49	5	1,767	-	-	-
Michigan.....	11	1,753	300	1	56	96	48	5,097	-	-	1
Wisconsin.....	8	952	594	-	10	25	137	8,581	-	-	1
WEST NORTH CENTRAL.....	2	3,873	588	2	103	126	52	3,904	-	-	1
Minnesota.....	-	38	8	-	15	28	6	370	-	-	-
Iowa.....	1	1,149	332	1	13	18	32	2,376	-	-	-
Missouri.....	-	1,275	30	-	56	52	2	280	-	-	1
North Dakota.....	-	319	15	-	5	2	11	305	-	-	-
South Dakota.....	-	96	3	-	1	1	1	41	-	-	-
Nebraska.....	1	928	193	-	7	9	-	388	-	-	-
Kansas.....	-	68	7	1	6	16	-	144	-	-	-
SOUTH ATLANTIC.....	14	7,210	2,567	4	392	420	54	8,947	-	-	1
Delaware.....	-	261	393	-	3	12	3	315	-	-	-
Maryland.....	-	1,376	77	-	40	39	3	954	-	-	-
Dist. of Columbia....	-	343	25	-	3	9	-	188	-	-	-
Virginia.....	5	1,994	884	-	41	54	7	2,036	-	-	-
West Virginia.....	-	317	209	-	10	18	13	2,180	-	-	1
North Carolina.....	6	878	316	3	82	71	NN	NN	-	-	-
South Carolina.....	1	596	123	1	45	56	8	880	-	-	-
Georgia.....	-	14	2	-	35	71	-	3	-	-	-
Florida.....	2	1,431	538	-	133	90	20	2,391	-	-	-
EAST SOUTH CENTRAL.....	14	1,370	113	4	145	148	34	4,520	-	-	-
Kentucky.....	14	795	66	3	51	51	3	1,597	-	-	-
Tennessee.....	-	383	17	1	60	56	29	2,607	-	-	-
Alabama.....	-	102	6	-	24	24	2	268	-	-	-
Mississippi.....	-	90	24	-	10	17	-	48	-	-	-
WEST SOUTH CENTRAL.....	44	7,705	4,633	1	260	328	109	7,536	-	-	18
Arkansas.....	-	30	16	-	22	31	8	127	-	-	-
Louisiana.....	-	108	120	1	64	88	8	37	-	-	-
Oklahoma.....	19	513	142	-	20	31	21	2,481	-	-	-
Texas.....	25	7,054	4,355	-	154	178	72	4,891	-	-	18
MOUNTAIN.....	15	1,565	932	1	45	47	36	3,575	-	-	1
Montana.....	-	62	35	-	1	8	5	742	-	-	-
Idaho.....	8	53	89	-	6	9	1	90	-	-	-
Wyoming.....	-	11	-	-	2	-	-	36	-	-	-
Colorado.....	-	183	141	-	16	8	25	1,170	-	-	1
New Mexico.....	7	227	264	-	1	6	5	687	-	-	-
Arizona.....	---	973	392	---	15	10	---	726	---	---	-
Utah.....	-	35	10	1	3	4	-	124	-	-	-
Nevada.....	-	21	1	-	1	2	-	-	-	-	-
PACIFIC.....	3	2,697	1,068	1	346	542	112	11,860	-	-	-
Washington.....	1	530	61	-	44	56	62	4,388	-	-	-
Oregon.....	1	234	199	1	26	18	29	1,053	-	-	-
California.....	---	1,608	758	---	273	447	---	4,858	---	---	-
Alaska.....	---	138	9	---	-	11	---	379	---	---	-
Hawaii.....	1	187	41	-	3	10	21	1,182	-	-	-
Puerto Rico.....	---	923	1,577	---	5	19	---	765	---	---	-
Virgin Islands.....	-	6	41	-	1	-	-	3	-	-	-

* Delayed reports: Measles: Mass. delete 12

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
OCTOBER 10, 1970 AND OCTOBER 4, 1969 (40th WEEK) - CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970
UNITED STATES.....	255	50,308	5	94	4	121	6	248	2	316	44	2,336
NEW ENGLAND.....	45	2,530	-	3	-	1	-	7	-	-	2	85
Maine.....	29	428	-	-	-	-	-	-	-	-	2	33
New Hampshire.....	-	151	-	-	-	-	-	-	-	-	-	1
Vermont.....	3	56	-	-	-	-	-	-	-	-	-	43
Massachusetts.....	8	1,210	-	2	-	1	-	5	-	-	-	4
Rhode Island.....	1	114	-	-	-	-	-	-	-	-	-	1
Connecticut.....	4	571	-	1	-	-	-	2	-	-	-	3
MIDDLE ATLANTIC.....	21	4,008	-	9	-	2	3	51	-	13	2	210
New York City.....	9	605	-	3	-	-	2	14	-	-	-	-
New York, Up-State..	6	447	-	2	-	1	1	19	-	6	1	195
New Jersey.....	2	857	-	3	-	-	-	10	-	4	-	-
Pennsylvania.....	4	2,099	-	1	-	1	-	8	-	3	1	15
EAST NORTH CENTRAL....	90	10,500	2	18	2	20	-	33	-	9	3	191
Ohio.....	24	2,058	-	1	-	2	-	10	-	8	-	44
Indiana.....	18	1,910	-	7	2	14	-	2	-	-	-	21
Illinois.....	6	1,704	-	4	-	2	-	8	-	1	-	57
Michigan.....	23	2,728	2	6	-	-	-	11	-	-	1	22
Wisconsin.....	19	2,100	-	-	-	2	-	2	-	-	2	47
WEST NORTH CENTRAL....	8	3,305	-	4	-	29	-	8	-	4	20	453
Minnesota.....	-	118	-	1	-	1	-	1	-	-	3	97
Iowa.....	3	2,007	-	1	-	-	-	1	-	1	11	92
Missouri.....	5	424	-	1	-	25	-	2	-	3	4	86
North Dakota.....	-	151	-	-	-	1	-	2	-	-	1	31
South Dakota.....	-	1	-	1	-	1	-	-	-	-	-	60
Nebraska.....	-	555	-	-	-	-	-	2	-	-	-	6
Kansas.....	-	49	-	-	-	1	-	-	-	-	1	81
SOUTH ATLANTIC.....	18	6,333	-	25	1	14	-	34	1	213	8	469
Delaware.....	-	44	-	-	-	-	-	-	-	4	-	1
Maryland.....	-	320	-	-	-	-	-	9	-	21	-	-
Dist. of Columbia...	1	20	-	1	-	-	-	1	-	-	-	-
Virginia.....	-	715	-	1	1	6	-	8	-	56	-	190
West Virginia.....	13	1,327	-	-	-	-	-	-	-	5	2	120
North Carolina.....	-	43	-	3	-	4	-	2	1	84	-	1
South Carolina.....	2	652	-	1	-	-	-	-	-	35	-	-
Georgia.....	-	-	-	6	-	3	-	8	-	8	3	88
Florida.....	2	3,212	-	13	-	1	-	6	-	-	3	69
EAST SOUTH CENTRAL....	8	2,690	3	13	-	7	2	35	1	36	2	187
Kentucky.....	-	931	-	1	-	2	1	9	-	3	2	102
Tennessee.....	3	1,388	-	4	-	5	1	17	-	22	-	52
Alabama.....	5	292	1	6	-	-	-	8	1	8	-	32
Mississippi.....	-	79	2	2	-	-	-	1	-	3	-	1
WEST SOUTH CENTRAL....	22	8,865	-	13	1	30	1	23	-	34	6	393
Arkansas.....	-	34	-	3	1	16	1	7	-	6	1	68
Louisiana.....	-	150	-	3	-	5	-	3	-	1	3	59
Oklahoma.....	-	811	-	-	-	6	-	1	-	22	-	81
Texas.....	22	7,870	-	7	-	3	-	12	-	5	2	185
MOUNTAIN.....	5	2,010	-	-	-	11	-	14	-	6	-	73
Montana.....	3	319	-	-	-	1	-	1	-	1	-	1
Idaho.....	-	195	-	-	-	-	-	-	-	2	-	-
Wyoming.....	-	134	-	-	-	-	-	2	-	1	-	3
Colorado.....	1	399	-	-	-	-	-	3	-	2	-	34
New Mexico.....	1	213	-	-	-	-	-	6	-	-	-	11
Arizona.....	---	588	---	-	---	-	---	1	---	-	---	12
Utah.....	-	162	-	-	-	10	-	1	-	-	-	2
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	10
PACIFIC.....	38	10,067	-	9	-	7	-	43	-	1	1	275
Washington.....	22	4,662	-	2	-	2	-	4	-	-	-	9
Oregon.....	16	877	-	3	-	1	-	1	-	-	1	4
California.....	---	4,221	---	4	---	4	---	35	---	1	---	253
Alaska.....	---	98	---	-	---	-	---	2	---	-	---	9
Hawaii.....	-	209	-	-	-	-	-	1	-	-	-	-
Puerto Rico.*.....	---	27	---	11	---	-	---	4	---	-	---	41
Virgin Islands.....	-	1	-	-	-	-	-	1	-	-	-	-

* Delayed reports: Tetanus: P.R. 1

Tularemia: Va. 3, Okla. delete 3

Rabies in animals: Utah delete 1, Alaska 9

Morbidity and Mortality Weekly Report

403

Week No. 40
 TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED OCTOBER 10, 1970

(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:	703	401	44	38	SOUTH ATLANTIC:	1,186	629	30	63
Boston, Mass.-----	227	107	18	14	Atlanta, Ga.-----	121	54	2	6
Bridgeport, Conn.-----	51	29	6	—	Baltimore, Md.-----	243	131	7	11
Cambridge, Mass.-----	21	15	3	—	Charlotte, N. C.-----	57	23	—	9
Fall River, Mass.-----	37	24	1	2	Jacksonville, Fla.-----	74	40	—	3
Hartford, Conn.-----	59	35	2	2	Miami, Fla.-----	97	49	—	2
Lowell, Mass.-----	28	16	1	1	Norfolk, Va.-----	50	24	2	2
Lynn, Mass.-----	26	15	—	3	Richmond, Va.-----	90	46	6	10
New Bedford, Mass.-----	28	17	1	3	Savannah, Ga.-----	35	12	1	2
New Haven, Conn.-----	39	20	—	6	St. Petersburg, Fla.-----	93	73	—	—
Providence, R. I.-----	61	37	5	3	Tampa, Fla.-----	73	41	2	2
Somerville, Mass.-----	11	8	1	—	Washington, D. C.-----	213	111	8	13
Springfield, Mass.-----	41	27	3	3	Wilmington, Del.-----	40	25	2	3
Waterbury, Conn.-----	20	11	—	2					
Worcester, Mass.-----	54	40	3	1	EAST SOUTH CENTRAL:	605	333	16	20
MIDDLE ATLANTIC:	3,049	1,741	112	122	Birmingham, Ala.-----	106	48	1	10
Albany, N. Y.-----	60	35	—	2	Chattanooga, Tenn.-----	44	29	1	—
Allentown, Pa.-----	52	34	2	3	Knoxville, Tenn.-----	35	23	2	1
Buffalo, N. Y.-----	150	90	4	9	Louisville, Ky.-----	122	68	5	3
Camden, N. J.-----	49	27	1	2	Memphis, Tenn.-----	108	63	4	—
Elizabeth, N. J.-----	25	18	2	—	Mobile, Ala.-----	51	28	—	1
Erie, Pa.-----	42	24	3	2	Montgomery, Ala.-----	41	23	1	3
Jersey City, N. J.-----	75	48	5	3	Nashville, Tenn.-----	98	51	2	2
Newark, N. J.-----	69	30	3	3	WEST SOUTH CENTRAL:	1,199	607	33	77
New York City, N. Y.-----	1,620	909	62	63	Austin, Tex.-----	36	19	—	3
Paterson, N. J.-----	31	13	3	1	Baton Rouge, La.-----	31	19	—	1
Philadelphia, Pa.-----	320	182	4	12	Corpus Christi, Tex.-----	31	13	1	3
Pittsburgh, Pa.-----	163	89	4	6	Dallas, Tex.-----	167	92	—	13
Reading, Pa.-----	51	35	2	—	El Paso, Tex.-----	61	25	5	8
Rochester, N. Y.-----	102	56	7	4	Fort Worth, Tex.-----	89	52	4	6
Schenectady, N. Y.-----	24	16	—	1	Houston, Tex.-----	235	104	2	19
Scranton, Pa.-----	30	19	2	—	Little Rock, Ark.-----	56	29	6	4
Syracuse, N. Y.-----	79	50	2	3	New Orleans, La.-----	187	86	6	4
Trenton, N. J.-----	47	19	3	8	Oklahoma City, Okla.-----	76	42	1	2
Utica, N. Y.-----	25	22	—	—	San Antonio, Tex.-----	119	55	3	13
Yonkers, N. Y.-----	35	25	3	—	Shreveport, La.-----	48	29	2	1
EAST NORTH CENTRAL:	2,617	1,465	75	127	Tulsa, Okla.-----	63	42	3	—
Akron, Ohio-----	66	35	—	4	MOUNTAIN:	479	258	21	37
Canton, Ohio-----	41	34	6	1	Albuquerque, N. Mex.-----	62	31	9	9
Chicago, Ill.-----	780	407	19	34	Colorado Springs, Colo.-----	36	21	3	3
Cincinnati, Ohio-----	123	69	3	6	Denver, Colo.-----	111	55	4	6
Cleveland, Ohio-----	193	100	3	7	Ogden, Utah-----	23	15	2	4
Columbus, Ohio-----	135	68	2	4	Phoenix, Ariz.-----	106	52	—	5
Dayton, Ohio-----	81	40	4	9	Pueblo, Colo.-----	25	16	—	2
Detroit, Mich.-----	351	197	10	21	Salt Lake City, Utah-----	61	34	1	6
Evansville, Ind.-----	45	30	1	2	Tucson, Ariz.-----	55	34	2	2
Flint, Mich.-----	55	29	1	2	PACIFIC:	1,569	958	27	62
Fort Wayne, Ind.-----	48	28	3	2	Berkeley, Calif.-----	26	20	—	—
Gary, Ind.-----	29	9	—	4	Fresno, Calif.-----	49	28	2	4
Grand Rapids, Mich.-----	60	37	3	5	Glendale, Calif.-----	33	22	1	—
Indianapolis, Ind.-----	135	68	2	9	Honolulu, Hawaii-----	46	28	—	8
Madison, Wis.-----	37	16	7	6	Long Beach, Calif.-----	109	63	3	4
Milwaukee, Wis.-----	150	103	1	4	Los Angeles, Calif.-----	461	279	8	20
Peoria, Ill.-----	43	29	—	1	Oakland, Calif.-----	73	48	1	3
Rockford, Ill.-----	34	23	4	1	Pasadena, Calif.-----	33	21	—	1
South Bend, Ind.-----	50	29	2	2	Portland, Oreg.-----	128	82	2	6
Toledo, Ohio-----	103	69	3	2	Sacramento, Calif.-----	46	28	—	—
Youngstown, Ohio-----	58	45	1	1	San Diego, Calif.-----	104	66	—	3
WEST NORTH CENTRAL:	807	485	20	37	San Francisco, Calif.-----	186	94	4	8
Des Moines, Iowa-----	56	38	—	1	San Jose, Calif.-----	46	27	—	1
Duluth, Minn.-----	43	21	6	2	Seattle, Wash.-----	140	91	2	2
Kansas City, Kans.-----	35	17	1	5	Spokane, Wash.-----	52	35	3	2
Kansas City, Mo.-----	127	72	2	7	Tacoma, Wash.-----	37	26	1	—
Lincoln, Nebr.-----	15	15	—	—	Total	12,214	6,877	378	583
Minneapolis, Minn.-----	127	85	4	8	Expected Number	12,222	6,951	400	541
Omaha, Nebr.-----	64	35	—	2	Cumulative Total	514,564	293,375	20,058	24,477
St. Louis, Mo.-----	225	132	4	6	(includes reported corrections for previous weeks)				
St. Paul, Minn.-----	74	48	2	3					
Wichita, Kans.-----	41	22	1	3					
Las Vegas, Nev.*	17	9	1	2					

*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.

*Delayed Report for week ended October 3, 1970

ORGANIC PHOSPHATE POISONING

(Continued from front page)

ment remained well. The weather on the day the apartment had been sprayed was hot, windows in both apartments were kept open, and the children other than the twins remained outside most of the day. The twins' mother reported that the pungent odor of the spray was evident for several days. Because the twins' symptoms were consistent with inhalation poisoning and because the other family members were unaffected, it was hypothesized that the twins' relative immobility and age had made them vulnerable to the poison.

(Reported by T. English, M.D., Resident, Babies and Children's Hospital, Cleveland; E. F. Ellis, M.D., Health Officer, Cleveland City Health Department; John Ackerman, M.D., Chief, Division of Preventive Medicine, Ohio Department of Health; and an EIS Officer.)

*The inclusion of trade names is provided for identification only and does not imply endorsement by the USDHEW or the Public Health Service.

INTERNATIONAL NOTES
QUARANTINE MEASURES

Changes in the "Supplement - Vaccination Certificate Requirements for International Travel,"

MMWR, Vol. 19, No. 21

The following changes should be made in the Vaccination Certificate Requirements for International Travel:

Union of Soviet Socialist Republics

Insert: Cholera - And from Guinea, Iraq, Israel, Jordan, Kenya, Kuwait, Lebanon, Libya, Saudi Arabia, Syria, Somali, Sudan, Tanzania, Turkey, UAR.

United Arab Republic

Delete the note concerning cholera and insert: Cholera - And from Brunei, Cambodia, China (Mainland), Guinea, Hong Kong, Macau, Malaysia, Thailand, and all countries any parts of which are infected.

United Kingdom

Insert: Cholera - Vaccination certificate required from all countries any parts of which are infected.

Venezuela

Insert: Cholera - Certificate required from arrivals from all countries any parts of which are infected, and Guinea, Iran, Iraq, UAR.

Yugoslavia

In the note concerning cholera insert: Saudi Arabia, Trucial Oman.

Zambia

Insert: II

ERRATUM, Vol. 19, No. 38, p. 382

In the article "Hepatitis - United States," in Figure 1, in the U.S. map for 1970, the Upper Peninsula of Michigan was incorrectly depicted as having a case rate of 20-39 cases of hepatitis per 100,000 population. It should have been blackened as was the rest of Michigan to indicate a rate of 40 cases and over per 100,000 population.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 21,000 IS PUBLISHED AT THE CENTER FOR DISEASE CONTROL, ATLANTA, GEORGIA.

DIRECTOR, CENTER FOR DISEASE CONTROL DAVID J. SENCER, M.D.
DIRECTOR, EPIDEMIOLOGY PROGRAM PHILIP S. BRACHMAN, M.D.

EDITOR MICHAEL B. GREGG, M.D.
MANAGING EDITOR PRISCILLA B. HOLMAN

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE CENTER FOR DISEASE CONTROL WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CENTER FOR DISEASE CONTROL. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

CENTER FOR DISEASE CONTROL
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
ATLANTA, GEORGIA 30333

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 AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
CENTER FOR DISEASE CONTROL
ATLANTA, GEORGIA 30333
OFFICIAL BUSINESS

2/69 46-1-10,18,19,22
LIBRARY
COMMUNICABLE DISEASE CENTER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF H.E.W.

