

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

PUBLIC HEALTH SERVICE

MEASLES - DOVER, NEW JERSEY

On December 2, 1965, in Dover, New Jersey, a measles immunization campaign was conducted in the kindergarten through third grades of all four of the city's elementary schools. A total of 119 cases of measles had been reported between September 24 and December 2 in Dover, with 72 percent of the cases localized in one elementary school and among children living in one part of the town. Details of this campaign were recorded in the MMWR, Vol. 14, No. 48.

In all, 465 children were immunized in the school clinics, and this represented 80 percent of the known susceptible children in kindergarten through third grades. This reduced the total percentage of susceptibles in the TABLE OF CONTENTS

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young school-age group from 48 percent to approximately 10 percent. The publicity attendant on the campaign stimulated an estimated 500 additional immunizations in private physicians' offices between November 29 and December 12. The epidemic curve in Figure 1 shows the occurrence of cases of measles in the schools in relation to the immunization campaign. A breakdown of the cases of measles, by schools affected, is given in Table 1. (Continued on page 18)

JANUARY 22, 1966	JANUARY 23, 1965	MEDIAN 1961 - 1965	ing and	Service in	MEDIAN
15			1966	1965	1961 - 1965
$ \begin{array}{c} 13\\ 2\\ 2\\ 2\\ 13\\ 20\\ 632\\ 4.932\\ -\\ -\\ 63\\ 54\\ 9\\ 824\\ 9,616\\ -\\ 4\\ 2 \end{array} $	32 6 3 27 10 769 6,805 	32 6 3 } 1,183 7,306 1 1 1 8,653 8,653 8	$\begin{array}{c} 86\\ 6\\ 5\\ 88\\ 37\\ 52\\ 1,993\\ 14,337\\ 1\\ -\\ 220\\ 199\\ 21\\ 2,150\\ 26,382\\ 3\\ 12\\ 9\end{array}$	104 16 12 97 34 2,252 18,754 - - 195 190 5 28,264 10 26 14	79 16 14 2,967 21,112 8 7 157 23,685 15
	2 25 13 20 632 4.932 - - 63 54 9 824 9,616 4 2 -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

NOTIFIABLE DISEASES OF LOW FREQUENCY

A	Cum.	214 - 8 475-881 (200	Cum.
Anthrax:	-	Botulism:	-
Malasi Hawaii - 1	1	Trichinosis: N.Y. Up-State - 2, Pa 1	13
Psittage	13	Rabies in Man:	
Typhus mu	3	Rubella, Congenital Syndrome:	1
indis, murine:	-	*****	12.4

MEASLES - DOVER, NEW JERSEY

(Continued from front page)

FIGURE I



NUMBER 16 10 WEEK ENDING 25 23 30 12 200 27 4 ... OCT SEPT NOU DEC 10 M 1965 1966

Since December 2, a total of 38 additional cases of measles have occurred in Dover; 31 cases occurred in the 10 days following the immunization program. Between December 12 and December 28, seven additional cases developed. Five of these were in one high school which was beginning to have a small upswing in measles incidence at the time of the immunization campaign. None of the seven cases developing after December 21 had had measles vaccine; two of these cases were of the age group to have received vaccine at school clinics, but parental consent had been withheld in both instances.

A postal survey of 16 physicians caring for pediatric patients in the Dover area was conducted 2 weeks after

Table 1

MEASLES in DOVER, NEW JERSEY SEPTEMBER-DECEMBER, 1965 Breakdown of Cases by Schools

marth What his	Number	10.00		
School	9/24- 12/2*	12/2- 12/12	12/12- 1/12**	Total
N.D	0	1	0	1
E.D	86	11	1	98
S.S	3	3	5	11
S.H	4	1	0	5
D.J.H	4	1	0	5
Live in Dover,	1113 10	14302 A 9	jacupit Au	ivindin 10
School elsewhere.	2	0	0	2
Pre-school	20	14	1	35
Total	119	31	7	157

* Immunization Program held on 12/2/65.

** No cases have been reported since 12/28/65.

the immunization campaign was completed. Replies were obtained from 13 of these physicians, and only one postvaccine reaction requiring a house call was reported. (Reported by Mr. William Young, Health Officer, Dover, New Jersey; Dr. William J. Dougherty, Director, Division of Preventable Diseases, New Jersey State Department Health; and an EIS Officer.)

MEASLES IMMUNIZATION CAMPAIGN RHODE ISLAND

A statewide measles immunization campaign, sponsored by the Rhode Island Medical Society with the cooperation of the Rhode Island Department of Health, was held on Sunday, January 23, 1966. Thirty-six clinics distributed throughout the State were open from 10 a.m. until 2 p.m. and were staffed by volunteer physicians, nurses and laymen. The organization was modeled after that of previous poliomyelitis immunization programs.

Children attending the clinic were first registered and then screened for any medical contraindications to measles vaccination. A total of 31,764 children with neither a history of measles nor of vaccination against it and between the ages of 1 and 12 years were vaccinated, using a live attenuated measles vaccine. This total represents 65 percent of the target population of 50,000 children estimated to be susceptible to measles. Arrangements have been made to conduct a telephone survey, after 15 days, of 5,000 children so vaccinated to determine the number of reactions to measles vaccination requiring medical attention.

(Reported by Dr. James Bowes, State Epidemiologist, Rhode Island Department of Health; and the Childhood Virus Disease Unit, CDC.)

INFLUENZA B - CLAXTON, GEORGIA

Type B influenza virus has recently been identified as the agent responsible for an outbreak of febrile respiratory disease during December in Claxton, Evans

County, Georgia, which has a population of 7,000 and is located in the middle eastern part of the State. Initially recognized in a predominantly Negro school with some

CASES

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STREET, MARKAREN, RATELLITON, GREET, MILE, MARKAREN, REALING, MARKAREN, REALING, MARKAREN, REALING, MARKAREN, R

800 students, the illness spread rapidly throughout the school during the first week in December. From the usual expected 5 percent absentee rate, the school experienced a peak rate of nearly 40 percent within 5 days. Since the Christmas vacation was scheduled to begin the following week, the school was closed several days early. About the same time similar illnesses were being noted in other schools in Claxton and in Evans County. Within several days, absentee rates in these other schools began to rise rapidly and also prompted the closing of schools for the Christmas holidays a few days earlier than was planned.

Although clinically suggestive of influenza, the illness was notable for usually observed high fever. Among well-defined cases in children seen by the physicians in Claxton and by health investigators working in the schools, a median temperature of 103.5° F was reported. Headache was almost uniformly experienced in typical cases and was accompanied by general malaise and myalgia. There were no major complications of fatalities reported. Spread into the adult segment of the population and into adjoining portions of Evans County was recognized through mid-January, but evidence of appreciably increased school absenteeism or of widespread febrile illness have not been observed elsewhere in Georgia.

Throat swabs collected early in the outbreak from children who had a typical illness have been investigated in the Georgia State Virology Laboratory and an Influenza type B strain isolated. Further study of this strain at the WHO Influenza Center for the Americas at the Communicable Disease Center in Atlanta, has shown that the isolate, B/Georgia/1/65, is closely related to other 1964-65 strains obtained from Japan, Australia and other centers in the United States. This characterization has been based on reciprocal hemagglutination inhibition tests in which the treatment of serum with Receptor Destroying Enzyme (RDE) was required for final interpretation.

(Reported by Dr. John E. McCroan, Chief Epidemiologist and Dr. Marion Coleman, Chief of the Virology Laboratory, Georgia Department of Public Health; and by the Respirovirus Unit of the Laboratory Branch, CDC.)



PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES

Editorial Note: The basis of the construction of the National Pneumonia-Influenza Mortality Chart is described in the MMWR, Vol. 14, No. 1 of January 9, 1965, pp. 8-9. It will be noted that the chart currently shows no evidence of increase in mortality, which is within seasonal expectations throughout the country as a whole.

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED JANUARY 22, 1966 AND JANUARY 23, 1965 (3rd WEEK)

			HARAN BEALT &	100	ENCEPHAI	LITIS	HEPATITIS					
AREA	ASE MENI	PTIC NGITIS	BRUCELLOSIS	Prin inclu unsp.	nary iding cases	Post- Infectious	DIPH	THERIA	Serum	Infectious	Both Types	
he training the second state	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965	
UNITED STATES	15	32	2	25	27	13	2	3	20	632	769	
NEW ENCLAND	100	100		2	1	2				27		
Maine	and sold	-	all a second	-	-	-	le		1	14	44	
New Hampshire		-	-	-	- 1	- 100	-	-	-	-	2	
Vermont	-	-	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			a sea a pub		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1.1		7	
Massachusetts		1	11-12-11	1	-	1	-	-	1	17	8	
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MIDDLE ATLANTIC	3	1	-	6	10	-	-	1	9	96	161	
New York City	1			3	6	307 10 - 0.0	-	1	6	18	30	
New Iork, Up-State.	2	1	CROWLING R	1	3	Spinite 1 H	1900-012	1.000		29	71	
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						1	and the second		1		41	
EAST NORTH CENTRAL	3	3	-	2	3	1	-	1	-	138	111	
Ohio	1	1	1 1 1 7 1 1 1 - 1 1 1 1	2	2		100			23	34	
Indiana	2	1	All the second second			and the second		1		10	-	
Michigan	-	1	Service and the		1	1		-		24	20	
Wisconsin	-	-	-	-	-			-	-	10	12	
							-					
WEST NORTH CENTRAL	1	1	2	1	1	-			-	23	52	
Long	1	1	1	2011				-	-	2	11	
Missouri		1.00	in a state	-	1 [1		-		4	21	
North Dakota				-				-	-		1	
South Dakota	-	-	-	-	- 1	-			-	-	-	
Nebraska	-			1	-	-		-		4	-	
Kansas		-	and the second second		1	Te-application		1.1.1.1.1.1.1	-	8	13	
SOUTH ATLANTIC	3	7		6	6		1	1	1	57	69	
Delaware	1	1	-	-	-		-	-	-	2	1	
Maryland		-	-	-	-	-			-	6	18	
Dist. of Columbia		-	100 -				1. S.	1.1			1	
Virginia	10.57		-03 MA.	1	1	- 1425 F	120.50	1000-0	1010-01	14	11	
North Carolina	1	1 -		1	-	-	-	-		3		
South Carolina	-	-	-	-	1		-	-	- 1	1	3	
Georgia	-	-	-	-	1.00		1	-	- 1		1	
Florida	1	6	-	4	4		-	1	1	18	14	
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Kentucky.	-	1	_	1		13.	1	-		17	63	
Tennessee	-		-	1	-		-	-	-	39	26	
Alabama	-	1	-	-	- 1	-	-	-	-	2	10	
Mississippi	100			•	-			-	-	4	4	
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Louisiana	-		-	1	L AN		-			10	19	
Oklahoma		1	-	-	-		-	-	200	1	4	
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Wyoming.		1.00		0.04		10.00	- 11 C			1	7	
New Mexico		1-2.10	100 C		1			-	-		6	
Arizona	- XI	P1.021	111.0.0	100	2	Data da Barris	1.17.5		1.1	13	7	
Utah	10.6.3	1. C . M.			1			1.1		9	6	
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Washington	2	13	-	6	3	9	-	-	9	123	146	
Oregon.	-		_	1	1					9	17	
California	-	11	diam'r ar ar ar	5	2	9	-	-	9	98	103	
Alaska		-	100 - y E24		-	1216 2 2 2 4	19 - C	-	2.4	-	8	
Hawaii.	2	2		-					-	2		
Puerto Rico	-	No Pila	C	mile- at	100	Salar and	1 - 1 - 1 i	-		6	9	
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Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 22, 1966 AND JANUARY 23, 1965 (3rd WEEK) - Continued

				MENINGO	COCCAL INF	ECTIONS.		11				
	MEASLES (Rubeola)				TOTAL	,	Tot	al	Pa	Paralytic		
AREA	Cumulative				Cumul	ative				Cumulative	1.1	
Cast I and I	1966	1966	1965	1966	1966	1965	1966	1965	1966	1966	1966	
UNITED STATES	4,932	14,337	18,754	63	220	195		1. 9.66	-	No. in the local section of the sect	824	
NEW ENGLAND	81	203	5,331	4	16	10	-		-	-	113	
Maine.	11	27	698		1 7	2	-		-		7	
Vermont		4	115	3	6	1	-	-	-		1	
Massachusatta	33	42	20			5				CONTRACTOR NO.	27	
Rhode Island	14	20	571	1	2	i i		1.0	10 0	1.000	19	
Connecticut	11	30	970	-	3	î	-	-	-		39	
MIDDLE ATLANTIC	830	2.447	660	9	44	27	_				56	
New York City	420	1,160	99	2	13	7	-	215	-	1.	31	
New York, Up-State.	51	310	207	1	6	6	-		-		23	
New Jersey	17	258	113	j 3	13	8	-	-	- 1	100 C	-	
Pennsylvania	342	719	241	3	12	6	-		-	1.1	2	
EAST NORTH CENTRAL	1.799	5,900	3,017	15	39	22	_	-	-		235	
Ohio	156	368	658	5	15	9	-		-			
Indiana	48	269	142	1	4	2	-		-		31	
Illinois	281	1,259	92	2	5	7	-	-			46	
Michigan	267	755	1,526	7	13	1	- 1	-	i -		28	
Wisconsin	1,047	3,249	599		2	3			-		130	
WEST NORTH			1 000			10				-		
Minner CENTRAL	226	457	1,238	3	11	13	-	-	-	100000000000000000000000000000000000000	28	
Towa	164	230	15		1 3	2	-	-	-	1.1.1	3	
Missouri	14	20	120	1	2	6					17	
North Dakota	38	114	427	2		3		1. 10		1 1 1 1 1 A	8	
South Dakota		114	16		1 1			1 220	1 2	1.	-	
Nebraska	1 1	5	78		1		1.1.1					
Kansas	NN	NN	NN		2	2	-	1.1	-	-	1	
SOUTH ATLANTIC	(00	1 57/	2.000		27	15					4.0	
Delaware	609	1,574	2,000	11	37	45	1.1.2.5			1.	40	
Maryland	73	198	20		4	2				1.0	1	
Dist, of Columbia	31	63	25	-	-	-		100	-			
Virginia	92	112	485	1	1	6		-	- 1	Tal New York	10	
West Virginia	288	847	2,102	i	1	3			-		14	
North Carolina	17	30	56	4	8	5					-	
South Carolina	13	85	21	2	9	3	-	- 04		-	6	
Georgia	4	24	28	-	4	11	u = 2 - u	-50	-	-	-	
Florida	82	189	99	3	10	13		-	-		16	
EAST SOUTH CENTRAL	585	1.592	999	3	4	14	-		-		88	
Kentucky	211	493	59	2	2	7			- E	1.	42	
Tennessee	370	1,057	659	1	2	4			-		45	
Alabama	2	11	169	-		3			- 1	-	1	
Mississippi	2	31	112	-	-	-	-	-	-	1.0	-	
WEST SOUTH CENTRAL	313	805	1 507	10	20	24	_		_	-		
Arkansas	3	21	6	-	1	2		100 000000		1. J. L. 1. 1. 2.		
Louisiana	2	12	1 1	3	5	6		-	-			
Oklahoma.	9	10	17	-		5			- 1		-	
Texas	299	762	1,483	7	14	11	-	1.1	-	-		
MOUNTAIN	136	544	1 722	1	9	1	_		-		58	
Montana.	24	103	570	1	í	1			-		4	
Idaho	35	142	295			-	-	_	- II			
Wyoming.	5	12	56	-			-			1	1	
Colorado	12	39	245	_	8	1		-	- 1		16	
New Mexico	1	3	51									
Arizona	58	233	43		-	-	-	- 14	-		35	
Nevada	1	8	459	-				-		-	2	
		4	3	-	1.1	-	-	-	1.	-	1.1.1.1	
PACIFIC	353	815	1,394	7	40	39	-		1		198	
Washington	96	228	325		1	-	-		-	1221120	79	
Oregon	34	99	365	1	3	1	TC 7-1	1.00	1	1.71.1.27	40	
California	215	473	526	6	27	37		1.1		E. 1217 (200)	74	
Alaska	-		25		7	1			-	-	-	
udwa11	8	15	153		2	Luite	-		-		5	
Puerto Rico												
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Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED JANUARY 22, 1966 AND JANUARY 23, 1965 (3rd WEEK) - Continued

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETA	NUS	TULAR	EMIA	ТҮРН	OID	TYPHUS TICK- (Rky. Mt.	FEVER BORNE Spotted)	RABIES IN ANIMALS		
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	
UNITED STATES	9,616	-	3	4	12	2	9	-	7	61	200	
NEW ENCLAND	1 001		i ig	1.1.1.1		1.11	2 C L C	I	1.00		Lines Age	
Maine	1,924				-					2	2	
New Hampshire	110	(D) 2-5		-							and the later	
Vermont	4/	den a	-			1.1.52				-	-	
Massachusetts	275	1.2				1.1.1				4	2	
Rhode Island	3/5	0.1				1.1.335						
Connecticut	1,256	1-2-1	-	2.	-	1 23	-				-	
MIDDLE ATLANTIC	225		-		10.12	1	3		1	8	19	
New York City	21		1.1.1	-		1	2		1.	1.1	-	
New York, Up-State.	135	_	-	211 - 24-			1			8	18	
New Jersey		-			- A - A				19 10 L V	- 10 <u>-</u>	-	
Pennsylvania	69	1	-	11-3	-	-	1.	-	1	-	1	
EAST NORTH CENTRAL	873	1.1			2	1.1.2.3	3			10000010	15	
Ohio	1/2		2	1.00	2		2			1949	7	
Indiana	230		1.1	1	-		1 -	-	1.000		3	
Illinois	104				_				100	- 201 - 12	2	
Michigan.	263						1.00				2	
Wisconsin	125	100		-		1.1	1	-	이 나서 말하	1621-004	1	
WEST NORTH CENTRAL	470		1.4		2	1.194	64 (SL 13)		1	10	55	
Minnesota	3/		1.1		1					15	13	
Iowa	138	1.00				1.11			1.11	4	11	
Missouri	31								1.10 11	7	20	
North Dakota	152				1.1.2			-	1.1.1.1.1.1.1	1	20	
South Dakota	10								1.00	2	2	
Nebraska	10	1.1				1 20	0.015		1.10	1	1	
Kansas	98		-		2	-	_		1	-	-	
SOUTH ATLANTIC	1 1/0	1.00		S. R		100		1.41.000		11,01250		
Delaware	1,148		2	1	, s	1	1	-	5	3	21	
Manuland	53	-	3			20			0 0 5.5	100.000	CONTRACT.	
Pict of Columbia	126	-		011.5	1 1 1 -			-	1.000	Carl Cold	1000	
Dist. of Columbia	39	-	-		1.1.1	1.1534	1 1 2			No. of Lot	ht 5h (9.1	
virginia	284	-			2	5.64			1	1	13	
West Virginia	360		-	1	1		- 23	1	1. A.A.A.	1	3	
North Carolina	18		-	-	2				3	· marine and		
South Carolina	32				-			-		- 1	1200.000	
Georgia		-	2		1 H - C.	-			1		4	
Florida	236	-	-	-		1	1		-	1	1	
EAST SOUTH CENTRAL	1,461	-	1.1	3	3		2 - 103		-	12	39	
Kentucky	185	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1	1	 E. E. E. E. 				2	5	
Tennessee	1,197		-	2	2				-	9	32	
Alabama	68	-	-	1997 Lan				and the second		1	2	
Mississippi	11	-			-		-	-		-	-	
WEST SOUTH CENTRAL	901	-				2-12	1	1.1		9	38	
Arkansas	1		-	-	-					1	3	
Louisiana	1	1.1.1	2	-	-	2 N 19	-		-	1	4	
Oklahoma	29	-					1				2	
Texas	870	-		-		E F		-	-	7	29	
MOUNTAIN	1 411			1.11.5	1.1	E (1154)			11. (Le O-	1	2	
Montana	30	19 3 15					1			1	1 1	
Idaho	71	18 C 1	104057-00	马日花口			8 D B	1 C -			COLUMN ST	
Wyoming	71	Test Tests	1. H 1.		1111		0.00	1005	1 1 5-			
Colorado	766			0.00	1.1	0.5			C. Children		- 10 To - 1	
New Mexico.	/00	1.1.1									100 A.C.	
Arizona	289	3-21 I.	1 1 1		100						-	
Utah	93						1				2	
Nevada	145	1	1	44.5	1 1			1			and an Indian	
PACIFIC				1 Jan	1.00		16 18	al-1 0	£ 171.73		Sama 1	
Washington	1,203	-	1	2		1 210	-	-		7	8	
Masting Lotte	38		-	1.1.3	-	1.341			-	Sec. 2.	1000	
Californi-	28			- 43 - 55		3 1/ Tel 2		-			Std. And M	
Cailfornia	897	·	1	-				1000		7	8	
Alaska	160	and the second	-	-	-	-		n	-	-	ALCONT OF	
	00	-	+		-				-			
Puerto Rico	10			100	1	1.			-		_	

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Week No. 3

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 22, 1966

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

	All Causes								
and the state of the state of the	AII Ca	luses	Pneumonia	Under	All Cau		uses	Pneumonia	Under
Area	A11	65 years	and	1 year	Area	A11	65 years	and	1 year
	Ages	and over	All Ages	Causes	the state of the second state of the second	Ages	and over	All Ages	All
			in the second				1	All Ages	Causes
NEW ENGLAND:	816	511	23	1.6	SOUTH ATLANTIC.	1 1/0			and the second sec
Boston, Mass	263	158	10	40	Atlanta Ga	1,143	593	60	63
Bridgeport, Conn	46	30	6	14	Baltimore, Md	262	127	4	18
Cambridge, Mass	39	25	-	2	Charlotte, N. C	30	13/	11	13
Fall River, Mass	40	30	-	1	Jacksonville, Fla	73	10	4	2
Hartford, Conn	57	29	2	4	Miami, Fla.	88	52	4	4
Lowell, Mass,	27	17	2	2	Norfolk, Va	45	33	1	2
Lynn, Mass	30	21	-	1	Richmond, Va.	70	24	4	2
New Bedford, Mass	35	24	4	î.	Savannah, Ga.	34	10	3	
New Haven, Conn	53	32		i	St. Petersburg, Fla	79	10	4	5
Providence, R. I	71	42	1	8	Tampa, Fla.	76	60	3	7
Somerville, Mass	19	14	-		Washington, D. C	205	42	· · ·	4
Springfield, Mass	38	24	3	4	Wilmington, Del,	39	23	9	0
Waterbury, Conn	35	18	-	4			2.5	0	1
Worcester, Mass	63	47	5	ĩ	EAST SOUTH CENTRAL:	687	357	40	67
the cliff of the state of the state		encer item	of the 10		Birmingham, Ala	113	45	40	12
MIDDLE ATLANTIC:	3,520	2.117	191	168	Chattanooga, Tenn	49	27		12
Albany, N. Y	74	33		2	Knoxville, Tenn,	33	17	1	
Allentown, Pa	44	21	2	3	Louisville, Ky	148	10		0
Buffalo, N. Y	135	77	3	4	Memphis, Tenn	146	86	9	11
Camden, N. J	54	33	3	2	Mobile, Ala	35	15		11
Elizabeth, N. J	21	13	1	-	Montgomery, Ala	49	20	3	5
Erie, Pa	51	38	11	2	Nashville, Tenn	114	56	10	10
Jersey City, N. J	91	47	16	2	PERMIT AND ADDRESS FROM	12-22-11	50	10	10
Newark, N. J	72	33		- 4	WEST SOUTH CENTRAL:	1.252	635	57	82
New York City, N. Y	1,770	1,044	101	96	Austin, Tex	54	35	6	02
Paterson, N. J	35	24	3	3	Baton Rouge, La	71	36	5	1 2
Philadelphia, Pa	530	335	16	17	Corpus Christi, Tex	20	8		2
Pittsburgh, Pa	199	129	6	7	Dallas, Tex	153	76	5	2
Reading, Pa	68	39	3	4	El Paso, Tex	34	14	7	3
Rochester, N. Y	115	81	6	8	Fort Worth, Tex	64	32	-	5
Schenectady, N. Y	26	18			Houston, Tex	264	120	9	10
Scranton, Pa	46	24	2	3	Little Rock, Ark	61	30	6	7
Syracuse, N. Y	69	49	1000	3	New Orleans, La	182	98	6	13
Irenton, N. J	49	28	3	4	Oklahoma City, Okla	104	51	-	5
Utica, N. Y	28	24	8	2	San Antonio, Tex	126	72	3	9
ionkers, N. Y	43	27	7	2	Shreveport, La	74	33	8	5
FARM			100 TABO, 10	100	Tulsa, Okla	45	30	2	3
LAST NORTH CENTRAL:	2,712	1,534	134	165	Theorem through make and the		Active 2 Pro	Same Party and	
Akron, Ohio	67	41	-	2	MOUNTAIN:	441	255	22	19
Canton, Ohio	- 38	21	4	1	Albuquerque, N. Mex	40	18	4	1
Chicago, Ill	820	442	53	54	Colorado Springs, Colo.	13	7		1
Cincinnati, Ohio	202	124	10	11	Denver, Colo	109	53	7	6
Cleveland, Ohio	219	115	2	23	Ogden, Utah	17	8	1	2
Columbus, Ohio	139	75	1	4	Phoenix, Ariz	143	87	5	6
Dayten, Ohio	72	40	8	9	Pueblo, Colo	31	22	-	2
Further Mich.	362	202	19	12	Salt Lake City, Utah	49	36	2	1
Flint Ind.	35	23	5	1	Tucson, Ariz	39	24	2	-
Fort Wich.	56	29	1	1	when a straight and the		1. St 1.		Trans. 1
Community and	44	24	3	2	PACIFIC:	1,834	1,156	49	70
Grand P- (1)	23	8	I	6	Berkeley, Calif	19	12		
Indiana Rapids, Mich	46	32	3	-	Fresno, Calif.*	53	30	1	2
Madison Madison	170	91	8	10	Glendale, Calif	41	32	1	
Milwauka	16	8	1.00	-	Honolulu, Hawaii	45	23	2	3
People Til	118	75	2	9	Long Beach, Calif	93	66	3	4
Rockford 711	58	32		6	Los Angeles, Calif	609	375	19	18
South Band Til.	31	20	6	3	Oakland, Calif	149	93	6	12
Toleda old	36	26	1	3	Pasadena, Calif	34	20		1
Yourset of the	102	68	6	4	Portland, Oreg	118	67	3	9
ungstown, Unio	58	38	1	4	Sacramento, Calif	74	52	1	1
WEST NORTH OTHER A		5	1.0	1000	San Diego, Calif.*	112	67	3	6
Des Materia	901	559	37	37	San Francisco, Calif	213	144	2	6
Duluth War	74	50	2	4	San Jose, Calif.*	40	27	3	2
Kansas Citer	27	17	2	-	Seattle, Wash	146	92	4	3
Kansas City, Kans	38	18	5	6	Spokane, Wash	54	36	1	2
Lincoln Web	109	70	4	5	Tacoma, Wash	34	20	-	1
Minneanclide Mi	30	24	2	1		De la	1.1.1		
Omaha Nata	131	86	3	2	Total	13,306	7,717	623	717
St. Louis	75	43	5	1		A STREET		T.184	6 0000
St. Paul Mar	269	156	9	10	Cum	ulative To	tals	11449741110	6601200
Wichita V.	95	60	1	- 4	including reporte	d correcti	lons for p	revious we	eks
Ans	53	35	4	4					
The second second			1.5.1	- L.	All Causes, All Ages			40,569)
					All Causes, Age 65 and o	ver		23,399	1
*Estimato . 1.	12-24-22				Pneumonia and Influenza,	All Ages-		1,949	1
Dased on ave	erage perc	ent of div	isional to	cal.	All Causes, Under 1 Year	of Age		2,113	\$

EPIDEMIOLOGIC NOTES AND REPORTS INFLUENZA-LIKE DISEASE - Massachusetts

During the week beginning January 16, rapid increases in school absenteeism to some three times the expected seasonal level, with peaks of 20 to 30 percent, were noted in the South Shore area of the southeastern part of Massachusetts. Most pronounced in the areas of Pembroke, Duxbury, and Fall River, a febrile influenzalike illness affected students and teachers alike with headache, sore throat, arthralgias, and, in some instances, a mild accompanying diarrhea. The most severely involved schools were closed late in the week.

Similar illnesses have also been recorded from the Newton and Brookline regions, which are western suburbs of the Boston metropolitan area. Absenteesim of up to 25 percent had affected some Brookline schools by the end of the week.

A survey of industries in the eastern part of the State revealed up to 10 percent absenteeism in some, which is more than twice the seasonal expectation; there was evidence that there may be also an increased incidence of respiratory illness.

Unpaired, acute-convalescent serum specimens and throat washings for virus isolation have been collected from typical cases in the involved areas for study by the Massachusetts State Laboratory. Although the illness is clinically compatible with influenza, a specific etiology has not yet been determined.

In retrospect it is of interest that there was an outbreak of comparable illness affecting the community of Taunton, Massachusetts, also located on the South Shore, which appeared late in December 1965.

(Reported by Dr. Nicholas Fiumara, State Epidemiologist, Massachusetts Department of Health.)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel 1965-66 edition Public Health Service Publication No. 384

The following change should be made:

Section 5

AMERICA

Brazil, page 37

Add

Cholera vaccination required from arrivals from infected local areas, one year of age and over.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULA-TION OF 15,300, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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

THE EDITOR MORBIDITY AND MORTALITY WEEKLY REPORT COMMUNICABLE DISEASE CENTER ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE COC BY THE INDIVIDUAL STATE Health departments. The reporting week concludes on Sat-urday; compiled data on a national basis are released on the succeeding friday.

