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Morbidity and Mortality



Vol. 15, No. 51

WEEKLY
REPORT

Week Ending
December 24, 1966

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

EPIDEMIOLOGIC NOTES AND REPORTS
SHIGELLOSIS OUTBREAK - Florida

An outbreak of bacillary dysentery caused by *Shigella flexneri* type 2 occurred in the Jacksonville area beginning November 14, 1966. New cases occurred daily for over 2 weeks; 99 cases were identified. Sixty-one of the cases had onsets over a 5-day period, suggesting a common source outbreak. Epidemiologic investigation revealed that 97 of the 99 cases could be associated with the consumption of milk from a particular dairy which delivers milk to homes in glass containers. No other factor was found which could connect these cases to a common source.

The suspect dairy employs a man who functions as the operator of the bottle filling machine. His daughter

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had become ill with bacillary dysentery on November 9 and was cared for at home until hospitalization on November 12. The father developed diarrhea, fever and malaise; he had to leave work due to illness on both November 14 and 15. *Shigella flexneri* type 2 was recovered from stool specimens from both father and daughter.

(Continued on page 442)

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

DISEASE	51st WEEK ENDED		MEDIAN 1961 - 1965	CUMULATIVE, FIRST 51 WEEKS		
	DECEMBER 24, 1966	DECEMBER 25, 1965		1966	1965	MEDIAN 1961 - 1965
Aseptic meningitis	43	27	27	2,909	2,098	2,115
Brucellosis	4	8	8	235	245	391
Diphtheria	7	7	5	193	161	294
Encephalitis, primary:						
Arthropod-borne & unspecified	27	25	---	2,099	1,857	---
Encephalitis, post-infectious	8	7	---	705	641	---
Hepatitis, serum	36			1,462		
Hepatitis, infectious	597	578	743	31,856	32,974	42,049
Measles (rubeola)	948	2,775	3,511	201,716	262,101	417,569
Poliomyelitis, Total (including unspecified)	1	—	7	97	60	436
Paralytic	1	—	6	91	46	372
Nonparalytic	—	—	---	—	9	---
Meningococcal infections, Total	45	54	50	3,333	2,968	2,303
Civilian	39	48	---	3,008	2,757	---
Military	6	6	---	325	211	---
Rubella (German measles)	359	---	---	45,658	---	---
Streptococcal sore throat & Scarlet fever	8,367	6,733	6,733	412,775	382,054	332,652
Tetanus	1	3	---	192	273	---
Tularemia	4	2	---	177	238	---
Typhoid fever	3	6	7	366	442	522
Typhus, tick-borne (Rky. Mt. Spotted fever)	1	1	---	249	261	---
Rabies in Animals	38	45	45	3,897	4,163	3,650

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	7	Botulism	10
Leptospirosis: Calif-1, Texas-1	69	Trichinosis: Ohio-1	95
Malaria: Calif-2, Mass-1, NYC-1, NYUpS-1, Pa-3, Va-1	502	Rabies in Man	1
Psittacosis	46	Rubella, Congenital Syndrome	23
Typhus, murine	30	Plague	5

SHIGELLOSIS OUTBREAK - Florida (Continued from front page)

It is probable that a limited number of glass containers were contaminated by this man at the dairy on November 12 during the process of being filled with milk. Efforts to isolate the organism from environmental samples are in progress.

(Reported by Dr. Patricia C. Cowdery, Health Officer, Duval County Health Department; Dr. E. Charlton Prather, State Epidemiologist, Florida State Board of Health; and an EIS Officer.)

SURVEILLANCE SUMMARY
SHIGELLOSIS - Third Quarter 1966

A total of 3,139 isolations of shigella from humans were reported by the 54 reporting centers during the third quarter of 1966, representing a 69.1 percent increase over 1,856 isolations recorded for the second quarter. This increased seasonal trend in the third quarter is similar to that noted in past years (Figure 1). Of the 18 different serotypes reported during past quarter, the six most frequently isolated are listed in Table 1.

The age distribution was consistent with that of previous quarters; 70.6 percent of the shigella isolations were from children under 10 years of age. Approximately

25 percent of the isolations were from families with other members of the same family positive for shigella. There was no apparent sex predilection as seen in the preceding quarter when there was a predominance of males among the less than 5-year age group. The regional distribution continued as in previous quarters, with a predominance of *S. flexneri* isolated in the South.

There were 15 nonhuman isolations of shigella reported during the third quarter of 1966, as listed in Table 2.

(Reported by the Enteric Diseases Unit, Bacterial Diseases Section, Epidemiology Branch, CDC.)

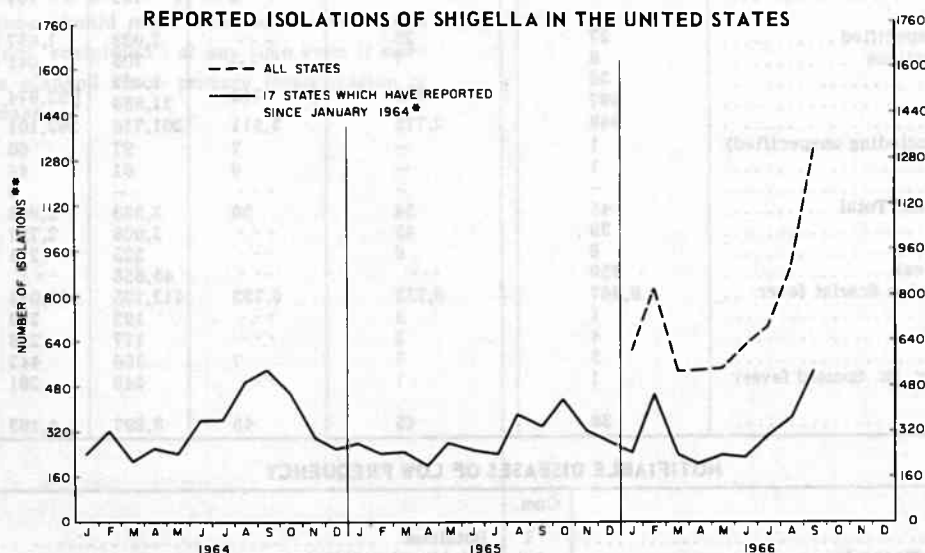
Table 1
Most Frequently Reported Serotypes of Shigella Isolated from Human Sources

Rank	Serotype	Number Reported	Percent	Rank Last Quarter
1	<i>S. sonnei</i>	1,259	40.41	1
2	<i>S. flexneri 2a</i>	425	25.84	2
3	<i>S. flexneri 3a</i>	54	9.28	3
4	<i>S. flexneri 6</i>	204	7.85	4
5	<i>S. flexneri 4a</i>	94	6.54	5
6	<i>S. flexneri 3c</i>	13	2.23	10
Total		2,049		
Total (all serotypes)		3,139		

Table 2
Most Frequently Reported Serotypes of Shigella Isolated from Nonhuman Sources

Serotype	Number	Source	Reporting Center
<i>S. flexneri 2a</i>	1	Gorilla	Illinois
<i>S. flexneri 3</i>	10	Monkeys	Florida (3) Maryland (7)
<i>S. flexneri 4a</i>	1	Monkey	California
<i>S. sonnei</i>	3	Monkeys (2) Gorilla (1)	Illinois
Total		15	

Figure 1



*ALASKA, ARIZONA, HAWAII, ILLINOIS, KANSAS, MARYLAND, NEW JERSEY, NEW MEXICO, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, SOUTH DAKOTA, TENNESSEE, TEXAS AND VERMONT.

**ADJUSTED TO FOUR-WEEK MONTHS.

CURRENT TRENDS
MEASLES - 1966

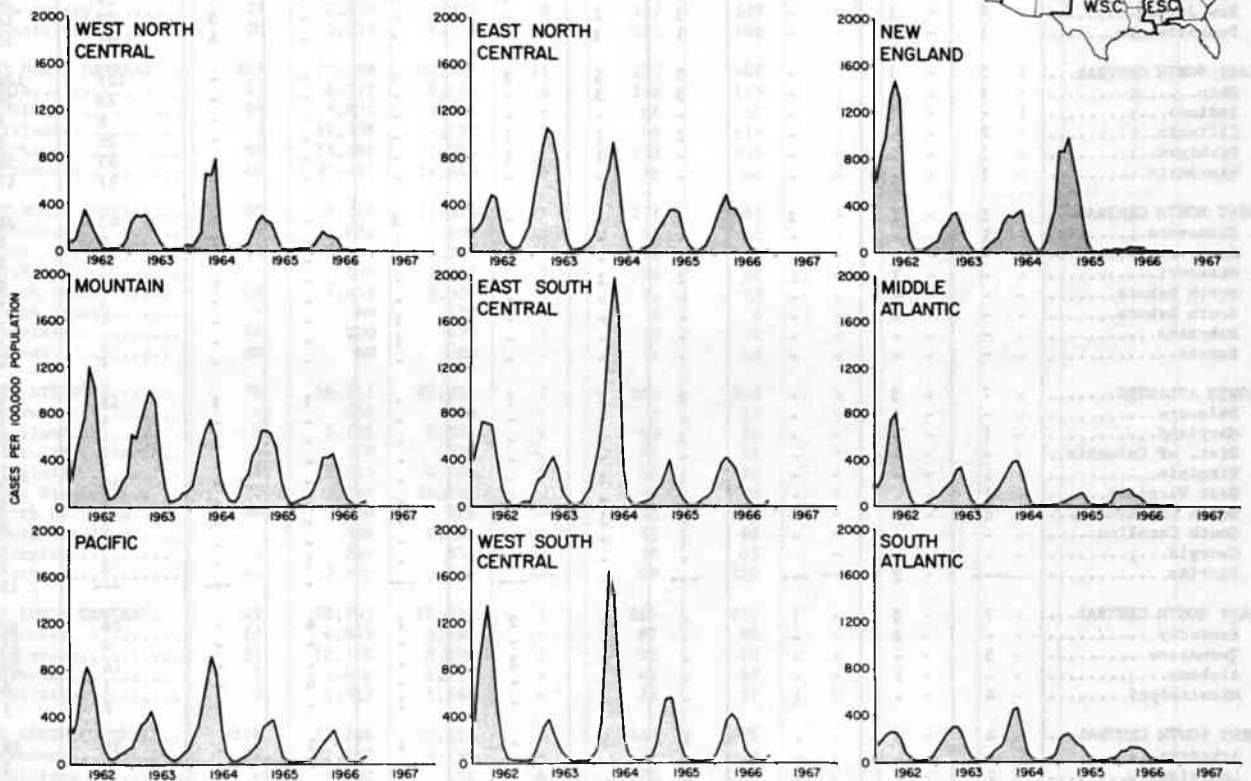
A total of 948 cases of measles was reported for the 51st week (ending December 24, 1966), a decrease of 485 cases from the previous week. The states reporting the highest numbers of cases were Texas with 197 and Washington with 108.

The reported cases per 100,000 population for the 4-week periods from 1962 to present are shown by geographic divisions in Figure 2. In current reports of measles the case rates from all regions of the country reflect the

expected seasonal low. In five regions (New England, Middle Atlantic, West North Central, South Atlantic and Pacific), the reported measles case rates were less than 400 cases per 100,000 population during each 4-week period of 1966. In New England the rate in 1966 was remarkably low, even for a non-epidemic year.

(Reported by the Childhood Viral Diseases Unit, Epidemiology Branch, CDC.)

Figure 2
MEASLES RATES BY FOUR-WEEK PERIODS
FOR REGIONS OF UNITED STATES - 1962-1966



Menifee County, Kentucky

Since the first week of November 1966, a total of 43 cases of measles has been reported to the Kentucky State Department of Health from Menifee County (pop. 4,200). An informal survey of local physicians, school teachers, parents and county health department personnel indicated a total incidence of over 150 cases this fall. Most patients were students from one of the county's two elementary schools and their preschool siblings. Prior to the current outbreak very little measles vaccine had been administered in Menifee County.

An emergency countywide immunization program was conducted on December 13. Cooperating in the program was the Menifee County Health Department, local school authorities, the two local physicians, nursing personnel from

several of the surrounding county health departments, numerous State Health Department employees, a senior student from the University of Kentucky College of Medicine, and several volunteers. Questionnaire-permission forms were distributed to all students in the local school system and an intensive publicity campaign was conducted for one week prior to the scheduled clinics.

Edmonston strain vaccine with measles immune globulin furnished by the Public Health Service was administered to 219 susceptible students at the two county schools (total enrollment - 1,070). The same vaccine was provided by the Vaccination Assistance Project for 114 preschoolers who were immunized at the local Health Department (total number of preschoolers in the county - 459).

(Continued on page 448)

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
	1966	1965		Primary including unsp. cases		Post- Infectious			Serum	Infectious	Both Types
				1966	1965		1966	1965			
UNITED STATES...	43	27	4	27	25	8	7	7	36	597	578
NEW ENGLAND.....	-	-	-	-	1	1	-	-	-	41	25
Maine.....	-	-	-	-	-	-	-	-	-	3	7
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	2
Vermont.....	-	-	-	-	-	-	-	-	-	1	-
Massachusetts.....	-	-	-	-	1	1	-	-	-	20	9
Rhode Island.....	-	-	-	-	-	-	-	-	-	1	3
Connecticut.....	-	-	-	-	-	-	-	-	-	15	4
MIDDLE ATLANTIC.....	8	3	-	6	7	1	-	-	27	112	103
New York City.....	3	1	-	4	2	-	-	-	18	19	24
New York, Up-State.....	-	-	-	-	-	1	-	-	-	27	30
New Jersey.....	4	1	-	1	2	-	-	-	5	19	16
Pennsylvania.....	1	1	-	1	3	-	-	-	4	47	33
EAST NORTH CENTRAL...	5	3	-	5	5	2	-	-	-	127	124
Ohio.....	1	-	-	3	3	-	-	-	-	23	39
Indiana.....	-	1	-	-	-	-	-	-	-	8	6
Illinois.....	2	-	-	2	1	1	-	-	-	26	6
Michigan.....	1	2	-	-	1	1	-	-	-	53	56
Wisconsin.....	1	-	-	-	-	-	-	-	-	17	17
WEST NORTH CENTRAL...	1	1	3	3	1	-	3	-	1	43	26
Minnesota.....	1	-	-	-	-	-	1	-	1	8	6
Iowa.....	-	-	2	1	-	-	-	-	-	10	8
Missouri.....	-	1	1	2	1	-	-	-	-	17	8
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	1	-	-	-	-
Nebraska.....	-	-	-	-	-	-	1	-	-	1	-
Kansas.....	-	-	-	-	-	-	-	-	-	7	4
SOUTH ATLANTIC.....	7	3	-	6	2	1	-	1	1	48	62
Delaware.....	-	1	-	-	-	-	-	-	-	5	7
Maryland.....	1	-	-	3	-	-	-	-	1	12	12
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	1	-	-	1	1	-	-	-	-	16	13
West Virginia.....	1	-	-	-	-	-	-	-	-	9	5
North Carolina.....	4	-	-	1	1	-	-	-	-	3	8
South Carolina.....	-	-	-	1	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	1	-	1	-	3	2
Florida.....	---	2	---	---	-	-	---	---	---	---	15
EAST SOUTH CENTRAL...	7	3	1	-	-	2	1	4	-	26	52
Kentucky.....	-	2	-	-	-	-	-	-	-	4	25
Tennessee.....	3	-	-	-	-	2	-	-	-	14	20
Alabama.....	-	1	-	-	-	-	-	4	-	1	6
Mississippi.....	4	-	1	-	-	-	1	-	-	7	1
WEST SOUTH CENTRAL...	4	5	-	1	2	-	1	2	1	36	29
Arkansas.....	-	-	-	-	-	-	-	-	-	1	1
Louisiana.....	2	-	-	-	-	-	1	-	1	7	6
Oklahoma.....	-	-	-	-	-	-	-	-	-	1	1
Texas.....	2	5	-	1	2	-	-	2	-	27	21
MOUNTAIN.....	-	-	-	1	3	-	-	-	-	33	24
Montana.....	-	-	-	-	1	-	-	-	-	3	-
Idaho.....	-	-	-	-	-	-	-	-	-	5	3
Wyoming.....	-	-	-	-	-	-	-	-	-	-	1
Colorado.....	-	-	-	1	2	-	-	-	-	2	4
New Mexico.....	-	-	-	-	-	-	-	-	-	9	8
Arizona.....	-	-	-	-	-	-	-	-	-	9	7
Utah.....	-	-	-	-	-	-	-	-	-	5	1
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	11	9	-	5	4	1	2	-	6	131	133
Washington.....	3	2	-	-	-	-	2	-	-	11	6
Oregon.....	-	1	-	-	1	-	-	-	-	28	25
California.....	8	6	-	5	3	1	-	-	6	92	99
Alaska.....	---	-	---	---	-	-	---	---	---	---	3
Hawaii.....	---	-	---	---	-	-	---	---	---	---	-
Puerto Rico.....	---	-	---	---	-	---	---	-	---	---	18

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st 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...	948	201,716	262,101	45	3,333	2,968	1	-	1	91	359
NEW ENGLAND.....	12	2,584	37,427	3	154	154	-	-	-	-	35
Maine.....	4	301	2,934	-	12	18	-	-	-	-	5
New Hampshire.....	-	80	383	2	11	9	-	-	-	-	-
Vermont.....	-	345	1,438	-	4	8	-	-	-	-	1
Massachusetts.....	-	836	19,485	-	62	59	-	-	-	-	11
Rhode Island.....	-	75	3,970	-	21	18	-	-	-	-	1
Connecticut.....	8	947	9,217	1	44	42	-	-	-	-	17
MIDDLE ATLANTIC.....	70	18,600	18,492	8	441	394	-	-	-	1	18
New York City.....	4	8,376	3,711	-	65	65	-	-	-	-	7
New York, Up-State.....	24	2,680	4,488	1	114	117	-	-	-	-	11
New Jersey.....	22	2,028	3,874	5	137	103	-	-	-	-	-
Pennsylvania.....	20	5,516	6,419	2	125	109	-	-	-	1	-
EAST NORTH CENTRAL...	167	70,488	63,422	11	533	448	1	-	1	8	129
Ohio.....	15	6,471	9,246	6	158	123	-	-	-	2	16
Indiana.....	15	5,832	2,351	-	88	50	1	-	1	2	5
Illinois.....	3	11,538	4,197	3	96	119	-	-	-	3	18
Michigan.....	66	15,186	27,785	-	135	107	-	-	-	1	32
Wisconsin.....	68	31,461	19,843	2	56	49	-	-	-	-	58
WEST NORTH CENTRAL...	55	9,344	17,515	7	177	145	-	-	-	1	21
Minnesota.....	4	1,688	906	4	40	33	-	-	-	1	1
Iowa.....	12	5,463	9,307	1	23	13	-	-	-	-	13
Missouri.....	-	539	2,681	1	66	58	-	-	-	-	-
North Dakota.....	25	1,414	4,035	-	11	13	-	-	-	-	7
South Dakota.....	-	40	116	-	6	4	-	-	-	-	-
Nebraska.....	14	200	470	1	12	11	-	-	-	-	-
Kansas.....	NN	NN	NN	-	19	13	-	-	-	-	-
SOUTH ATLANTIC.....	78	16,211	27,012	5	563	558	-	-	-	2	15
Delaware.....	-	267	516	-	7	11	-	-	-	-	-
Maryland.....	1	2,126	1,293	4	53	55	-	-	-	-	5
Dist. of Columbia..	-	390	140	-	15	11	-	-	-	-	-
Virginia.....	8	2,265	4,294	1	67	74	-	-	-	-	6
West Virginia.....	20	5,562	14,827	-	48	30	-	-	-	1	4
North Carolina.....	48	786	416	-	142	119	-	-	-	-	-
South Carolina.....	-	664	1,219	-	55	69	-	-	-	-	-
Georgia.....	1	244	655	-	77	63	-	-	-	1	-
Florida.....	---	3,907	3,652	---	99	126	---	-	---	-	---
EAST SOUTH CENTRAL...	41	20,745	16,032	1	284	232	-	-	-	4	2
Kentucky.....	17	4,869	3,696	-	97	88	-	-	-	-	-
Tennessee.....	21	12,705	8,830	1	96	72	-	-	-	-	2
Alabama.....	1	1,808	2,357	-	62	45	-	-	-	1	-
Mississippi.....	2	1,363	1,149	-	29	27	-	-	-	3	-
WEST SOUTH CENTRAL...	218	27,168	32,111	5	444	372	-	-	-	72	1
Arkansas.....	14	1,182	1,194	-	37	19	-	-	-	1	-
Louisiana.....	-	103	131	4	170	200	-	-	-	1	-
Oklahoma.....	7	662	238	-	23	22	-	-	-	1	-
Texas.....	197	25,221	30,548	1	214	131	-	-	-	69	1
MOUNTAIN.....	98	12,712	20,970	-	94	108	-	-	-	-	8
Montana.....	20	1,933	3,911	-	5	3	-	-	-	-	-
Idaho.....	8	1,711	3,079	-	5	14	-	-	-	-	-
Wyoming.....	-	235	875	-	6	6	-	-	-	-	-
Colorado.....	4	1,435	6,007	-	49	30	-	-	-	-	5
New Mexico.....	37	1,269	693	-	10	11	-	-	-	-	-
Arizona.....	6	5,376	1,537	-	13	21	-	-	-	-	2
Utah.....	21	686	4,643	-	1	18	-	-	-	-	1
Nevada.....	2	67	225	-	5	5	-	-	-	-	-
PACIFIC.....	209	23,864	29,120	5	643	557	-	-	-	3	130
Washington.....	108	5,285	7,571	-	58	47	-	-	-	2	40
Oregon.....	20	2,547	3,502	-	42	37	-	-	-	-	25
California.....	71	15,222	13,785	5	521	447	-	-	-	1	60
Alaska.....	10	646	208	-	18	18	-	-	-	-	5
Hawaii.....	---	164	4,054	---	4	8	---	-	---	-	---
Puerto Rico.....	---	3,462	2,981	---	18	11	---	-	---	1	---

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 24, 1966 AND DECEMBER 25, 1965 (51st 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...	8,367	1	192	4	177	3	366	1	249	38	3,897
NEW ENGLAND.....	861	-	4	-	1	-	13	-	3	1	88
Maine.....	49	-	-	-	-	-	-	-	-	-	26
New Hampshire.....	1	-	-	-	-	-	-	-	-	-	31
Vermont.....	92	-	-	-	-	-	-	-	-	1	26
Massachusetts.....	230	-	2	-	1	-	9	-	1	-	4
Rhode Island.....	97	-	-	-	-	-	-	-	-	-	-
Connecticut.....	392	-	2	-	-	-	4	-	2	-	1
MIDDLE ATLANTIC.....	287	-	15	-	-	1	61	-	49	4	232
New York City.....	18	-	5	-	-	-	25	-	-	-	1
New York, Up-State.	245	-	2	-	-	1	15	-	13	4	215
New Jersey.....	NN	-	3	-	-	-	8	-	16	-	-
Pennsylvania.....	24	-	5	-	-	-	13	-	20	-	16
EAST NORTH CENTRAL...	847	-	21	-	23	-	46	-	20	5	493
Ohio.....	93	-	5	-	3	-	21	-	9	2	204
Indiana.....	116	-	4	-	11	-	5	-	-	2	113
Illinois.....	190	-	4	-	8	-	7	-	11	-	74
Michigan.....	259	-	6	-	-	-	7	-	-	1	43
Wisconsin.....	189	-	2	-	1	-	6	-	-	-	59
WEST NORTH CENTRAL...	216	-	15	-	20	-	34	-	4	13	908
Minnesota.....	8	-	3	-	1	-	1	-	-	7	220
Iowa.....	68	-	2	-	-	-	5	-	-	1	166
Missouri.....	-	-	8	-	11	-	18	-	3	2	254
North Dakota.....	108	-	-	-	-	-	1	-	-	2	61
South Dakota.....	15	-	-	-	4	-	-	-	-	1	117
Nebraska.....	-	-	1	-	2	-	2	-	-	-	29
Kansas.....	17	-	1	-	2	-	7	-	1	-	61
SOUTH ATLANTIC.....	725	-	37	1	16	-	70	-	114	5	501
Delaware.....	44	-	-	-	-	-	1	-	2	-	-
Maryland.....	147	-	3	-	5	-	12	-	27	-	3
Dist. of Columbia..	-	-	-	-	-	-	2	-	-	-	-
Virginia.....	308	-	6	1	3	-	16	-	31	2	253
West Virginia.....	154	-	-	-	1	-	1	-	-	1	60
North Carolina.....	22	-	4	-	3	-	6	-	27	-	4
South Carolina.....	43	-	2	-	1	-	15	-	5	-	-
Georgia.....	7	-	8	-	3	-	4	-	22	2	110
Florida.....	---	---	14	---	-	---	13	---	-	---	71
EAST SOUTH CENTRAL...	1,253	-	28	-	24	1	47	1	44	1	505
Kentucky.....	64	-	2	-	2	-	10	-	9	1	121
Tennessee.....	1,148	-	9	-	14	-	24	1	26	-	341
Alabama.....	8	-	8	-	4	-	6	-	7	-	21
Mississippi.....	33	-	9	-	4	1	7	-	2	-	22
WEST SOUTH CENTRAL...	737	1	48	-	75	1	36	-	10	7	761
Arkansas.....	2	1	5	-	56	1	5	-	2	-	85
Louisiana.....	-	-	12	-	4	-	10	-	-	1	55
Oklahoma.....	36	-	3	-	8	-	10	-	7	-	184
Texas.....	699	-	28	-	7	-	11	-	1	6	437
MOUNTAIN.....	1,814	-	2	2	14	-	16	-	4	-	97
Montana.....	90	-	-	-	2	-	-	-	-	-	7
Idaho.....	116	-	-	-	-	-	-	-	-	-	-
Wyoming.....	56	-	-	-	6	-	-	-	1	-	-
Colorado.....	1,170	-	2	2	2	-	3	-	2	-	18
New Mexico.....	138	-	-	-	1	-	2	-	1	-	18
Arizona.....	73	-	-	-	1	-	5	-	-	-	42
Utah.....	166	-	-	-	2	-	5	-	-	-	3
Nevada.....	5	-	-	-	-	-	1	-	-	-	9
PACIFIC.....	1,627	-	22	1	4	-	43	-	1	2	312
Washington.....	358	-	-	-	-	-	13	-	-	-	15
Oregon.....	37	-	1	-	-	-	1	-	-	-	5
California.....	1,226	-	21	1	4	-	27	-	1	2	292
Alaska.....	6	-	-	-	-	-	-	-	-	-	-
Hawaii.....	---	---	-	---	-	---	2	---	-	---	-
Puerto Rico.....	---	---	54	---	-	---	19	---	-	---	19

MEASLES - (Continued from page 443)

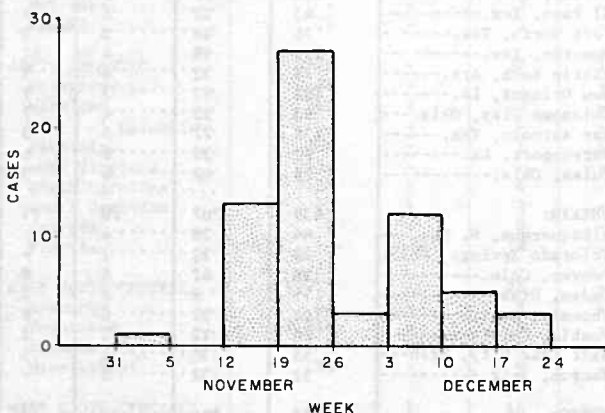
The fact that free measles vaccine will continue to be available from the local Health Department and practicing physicians is now being publicized. It is anticipated that practically all susceptibles in Menifee County will be immunized by the end of December.

(Reported by Dr. C. Hernandez, Director, Division of Epidemiology; Dr. J. W. Skaggs, Acting Director, Office of Communicable Diseases; and Mr. J. C. Todd, Director Field Investigations Unit, Kentucky State Department of Health.)

Greenbrier, Arkansas:

A total of 69 measles cases has been reported from Faulkner County, Arkansas, through December 23, 1966. Of these, 64 cases have been concentrated in the Greenbrier Elementary School which serves a large rural district and has an enrollment of 340 students. The attack rate was almost 19 percent, with the majority of cases occurring in first and second graders. The first case occurred during the week ending November 4, followed by a peak of cases 3 weeks later (Figure 3). The remaining 5 cases occurred in preschool siblings.

Figure 3 MEASLES IN THE GREENBRIER ELEMENTARY SCHOOL Greenbrier, Arkansas - October 31-December 24, 1966



A measles immunization campaign was held in the school on December 16 at which all remaining susceptibles were vaccinated. Preschoolers have been directed to their physicians or Health Department for vaccination.

(Reported by Dr. J. T. Herron, State Health Officer, and Dr. Edgar J. Easley, Director, Bureau of Local Health Services, Arkansas State Board of Health; an EIS Officer.)

ERRATUM: Vol. 15, No. 50, p. 440:

QUARANTINE MEASURES

International Certificates of Vaccination, PHS 731, Revised September 1966

January 1, 1967 (not 1965), is the deadline for the introduction worldwide for the new International Certificate of Vaccination or Revaccination Against Smallpox as revised by the 18th World Health Assembly.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 15,600, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA

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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 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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