



REPORTED MORBIDITY
NOVEMBER, 1983

MONTHLY MORBIDITY REPORT

Provisional Statistics

DEPARTMENT OF HEALTH AND HUMAN RESOURCES
OFFICE OF HEALTH SERVICES AND ENVIRONMENTAL QUALITY
BOX 60630 NEW ORLEANS, LOUISIANA 70160

PUBLIC HEALTH STATISTICS and
DIVISION OF DISEASE CONTROL

MEASLES MORBIDITY*

MEASLES, MORBIDITY - SELECTED STATISTICS*

From week ending September 24 through week ending October 22, 1983 (weeks 38-42), a provisional total of 111 cases of measles (70 indigenous, 10 international importations, and 31 out-of-state importations) was reported in the United States. This represents a 50.5 percent decline in reported measles as compared with the same period (220) in 1982. Provisional data for the first 42 weeks of 1983 show a decrease of 7 percent (1339/1437), when compared to the same period in 1982.

DEATHS - No confirmed measles deaths were reported during the 5-week period.

OUTBREAK INVESTIGATIONS

Dade County, Florida - An outbreak of four cases of measles was reported in a small non-public school. All of the patients were 11 years of age and were in the same classroom. All of the students had documented vaccine histories. The source case was identified. One of

- * Statistics for the 5-week period are based on logs and reports to the Division of Immunization. Only confirmed cases as defined by the Measles Classification System are included in these logs. These data are provisional and may not correlate exactly with the MMWR.

the patients visited a pediatrician's office for a routine check-up 2 weeks prior to onset, but face-to-face contact with a patient with measles was not documented.

Hillsborough County, Florida - This outbreak was among three preschoolers who are citizens of Saudia Arabia and whose parents attend South Florida University (approximate enrollment of 25,000). The University has agreed to screen for history of measles vaccine beginning with next quarter registration. Susceptibles will be offered MR vaccine.

Kern County, California - Five additional measles cases were reported during this 5-week period. See VPB Highlights for period ending August 13, 1983.

Chicago, Illinois - Ongoing preschool transmission.

Onondaga County, New York - An outbreak of five cases of measles was reported at Syracuse University. The outbreak began with an international importation in a 21-year-old student who arrived from Venezuela on 9/5. He infected a fellow student while in the school's infirmary. Three additional cases resulted: two were employees at the university pharmacy, and the third was an 11-year-old niece of one of

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the employees. Control measures that were taken were (1) a review of the immunization records at the 11-year-old's school (7 susceptibles identified, excluded, and then immunized out of 1100); (2) notification of emergency room visitors about possible exposure, (3) immunization of all pharmacy employees under age 30, and (4) an increase in both retrospective and prospective surveillance at the university infirmary, as well as the dormitory involved.

Measles outbreak among gypsies - an outbreak of 30 cases of measles was reported in Idaho, Montana, and Washington. Rash onsets ranged from September 4 to October 10. Most of the cases were in children who were not immunized. The outbreak began with a 2-year-old boy from Chicago who became ill with rash on September 4 in Billings, Montana. While in Billings, he infected a 13-year-old boy who subsequently became ill while attending a wedding in Spokane, Washington from September 19-20. The wedding was attended by approximately 325 adults and 75 children, most of whom call themselves "gypsies." Ten states and the City of Chicago where the gypsies were known to have resided or passed through were notified to set up additional surveillance. Subsequently, measles was diagnosed in a nurse who worked in the emergency room in a Spokane hospital, where several of the gypsy children were treated. She attended a conference for emergency room nurses in Anaheim, California on October 16-19 and developed rash onset 10/20. States that had nurses who attended the conference were notified and asked to follow up the 800 attendees. To date, no additional cases have been reported among the nurses.

Day-Care - Two cases were reported from a day-care center in Kern County. Although one case was a

19-month-old and the other was a 16-month-old, neither had a history of receiving vaccine.

MEDICAL SETTINGS

Nassau County, New York - Two cases were reported. The index case was an international importation in a 28-year-old female (U.S. citizen) who had visited Italy prior to her illness. The patient was hospitalized, at which time she infected a nurse who visited her. No additional cases were reported.

Spokane, Washington - See "Measles Outbreak Among Gypsies."

Dade County, Florida - An outbreak of three cases was reported during the 5-week period. The index case was a 20-year-old nurse who worked in a hospital emergency room. Two additional cases occurred in a 4-year-old and a 13-month-old. These two patients were children of a nurse who works at the same hospital with the index patient. Hospital contacts were checked. No additional cases have been reported.

New York City - a 13-year-old infected a 12-month-old in a pediatric emergency room. Neither patient had been vaccinated adequately. One additional case occurred in a child who lived in the same building as the index patient's uncle.

MILITARY - No military-associated measles cases were reported during this period.

IMPORTATIONS (international) - Ten international importations were reported from New York State, New York City, and Ohio. The case from New York State originated in Italy (see "Medical Setting"). New York City reported importations from Ireland, Guatemala, and Trinidad. Ohio reported one importation in a citizen of Italy, who infected his cousin after arriving in Ohio.

SELECTED REPORTABLE DISEASES (By Place of Residence)

STATE AND PARISH TOTALS	VACCINE PREVENTABLE DISEASES					ASEPTIC MENINGITIS	HEPATITIS A AND UNSPECIFIED**	HEPATITIS B	LEGIONELLOSIS	MALARIA***	MENINGOCOCCAL INFECTIONS	SHIGELLOSIS	TUBERCULOSIS, PULMONARY	TYPHOID FEVER	OTHER SALMONELLOSIS	UNDERNUTRITION SEVERE	GONORRHEA	SYPHILIS, PRIMARY AND SECONDARY	RABIES IN ANIMALS (PARISH TOTALS CUMULATIVE, 1983)
	MEASLES	RUBELLA*	MUMPS	PERTUSSIS	TETANUS														
TOTAL TO DATE 1982	11	1	6	21	6	131	900	273	0	5	59	100	376	2	180	6	21912	1714	30
TOTAL TO DATE 1983	26	13	1	11	4	119	704	312	5	8	46	63	378	4	221	21	21573	1512	34
TOTAL THIS MONTH	1	0	1	0	0	21	41	21	0	0	4	7	42	1	21	0	1432	129	7
ACADIA								1									19	5	
ALLEN																		2	
ASCENSION																		7	
ASSUMPTION																		14	
AVOYELLES																		1	3
BEAUREGARD																		5	
BIENVILLE													2						2
BOSSIER						2	1								2		3	5	5
CADDO						7	2	4			1	2	3			3		137	9
CALCASIEU													1					45	2
CALDWELL													1					1	
CAMERON								1										1	
CATAHOULA																		1	
CLAIBORNE																		3	
CONCORDIA								1											
DESOTO																		1	1
EAST BATON ROUGE							3	1				1	2		1		95	9	2
EAST CARROLL																		2	1
EAST FELICIANA																		4	
EVANGELINE																			
FRANKLIN																		2	
GRANT																			
IBERIA							7								1		8	1	2
IBERVILLE							2										3	1	
JACKSON																		3	
JEFFERSON						5	9	5				2	15		4		85	9	
JEFFERSON DAVIS													1				8		
LAFAYETTE						1	2						1		2		57	4	
LAFOURCHE	1					1		1			1		1				17		
LASALLE																			
LINCOLN																		5	1
LIVINGSTON							1										1		2
MADISON							1											9	
MOREHOUSE																		13	
NATCHITOCHE								1										3	
ORLEANS						1	1	3			1		5		3		535	60	
OUACHITA													3				74	1	
PLAQUEMINES																			
POINTE COUPEE																		2	
RAPIDES			1			1		1					2	1	1		70	2	
RED RIVER																	1	1	1
RICHLAND																		1	
RICHMOND																		2	
SABINE																		1	
ST. BEPNAARD																		4	1
ST. CHARLES															1		3		
ST. HELENA																		2	
ST. JAMES																		3	
ST. JOHN											1						9	2	
ST. LANDRY													1				17	1	
ST. MARTIN							1						1		1		15	3	
ST. MARY						2	3	1					3				6	1	
ST. TAMMANY										1							17		
TANGIPAHOA							1	1			1						19	4	
TENSAS													1					1	
TERREBONNE						1	3								2		33	1	
UNION																			
VERMILION								1										2	
VERNON																		4	1
WASHINGTON																		13	
WEBSTER													1					15	
WEST BATON ROUGE																		20	
WEST CARROLL								2											
WEST FELICIANA																			
WINN																		2	1
OUT OF STATE																		7	

* Includes Rubella, Congenital Syndrome.

** Includes 33 cases of Hepatitis Non A Non B.

*** Acquired outside United States unless otherwise stated.

From January 1, 1983 - November 30, 1983, the following cases were also reported:

6-Amoebiasis, 1-Cryptococcosis, 6-Leptospirosis, 3-Reye Syndrome, 2-Trichinosis, 7-Tularemia.

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