MEASLES ERADICATION STATUS REPORT

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NO

Compiled in October 1967 from Activities and Projected Activities reported by Immunization Projects as of June 1967



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL National Communicable Disease Center Atlanta, Georgia 30333

STATE-COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
ALABAMA	170,000	85,000	49,538	All children born to a resident mother within the state are entered into program.
ALASKA				
NO LLFORT RECEIVED				
ARIZONA				
	55,000	30,000	4,239	
ARKANSAS				· · · · · · · · · · · · · · · · · · ·
	175,000	130,000	15,530	
CALIFORNIA				
	42,500	55,000	1,309	
COLORADO	67,697	21,000	10,176	Infant Maintenance Program now has 75% response to mailings.
CONNECTICUT				
	113,600	125,000* 1 - 12 grades	12,854	
DELAWARE				
	3,500	1,500	2,200	
DISTRICT OF COLUMBIA				
NO REPORT RECEIVED				

2. IMMUNIZATION OF SUSCEPTIBLE CHILDREN IN KINDERGARTENS, FIRST, AND SECOND GRADES	3. DEVELOPMENT OF IMPROVED REPORTING SYSTEMS FOR FINDING OUT WHEN AND WHERE MEASLES CASES OCCUR, SO MORE EFFECTIVE CONTROL MEASURES CAN BE DESIGNED	4. STOPPING OF EPIDEMICS WHERE NOT ENOUGH CHILDREN HAVE BEEN VACCINATED, BY LAUNCHING CRASH IMMUNIZATION PROGRAMS
Two campaigns were held in which 26,275 immunizations were administered.		
20,275 Imment28220ns Reie Boministered,		
A campaign was conducted in Mohave county for school age children 1,582 susceptibles were immunized.		
Five kindergarten programs were con-		
ducted this quarter.		
	A survey was run in Napa County	
	El Paso County is starting improved reporting system.	
	EIS Officer is to do some epidemiologica	
	studies on reported cases of measles. He is also due to contact the schools in	
	order to facilitate better reporting.	
Immunization clinics were held in Essex		
sponsored by the Rotary Club - 183 children were immunized.		
children were immunized.		

STATE-COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER .IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
FLORIDA	200,000	50,000	13,494	Infant Maintenance Program added to fourteen counties.
HAWAII				
	8,624	11,066	4,223*	
			<pre>*less then 5 yrs. old only.</pre>	
IDAHO				
	15,288	58,900	7,910	
ILLINOIS				
REPORT NOT RECEIVED				
IOWA				
	125,000	135,000	Not available	
KANSAS				
ANIONS .	85,617	8,254	15,691	The follow up program has been established in 42 of the 104 counties. Plans are being made to expand program to cover more counties.
KENTUCKY				
	188,700	116,000	39,558	
LOUISIANA				The revised mail out card has resulted in
	225,000	75,000	Not available	a 7% increase in returns for the first and second mail outs on a state-wide basis
MAINE				
	50,000	36,000	12,329	

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Project's records indicate at least 20% of the state's children are immuni- zed by the time they are 18 months old.	School immunization survey conducted in April. A greater then 50% decrease in reported cases of measles for the second quarter of 1967 compared with 1966 is noted.	County-wide measles immunization program were held in five counties.
Preschool survey begun a year ago will be concluded by the end of August.	Plans are underway to revise the report- ing form used by private physicians, clinics, and hospitals. Everything is now being reported under the heading of "measles".	
There are presently 12 monthly clinics.	Measles epidemiology has been performed	Eight county-wide measles programs were
incle are presently if monthly trinks.	on 23 cases of measles reported from counties which have conducted an eradication program. Four of these were truly rubeolathree of them importe from Louisiana.	conducted this quarter 8,554 children were immunized
		Sixteen county-wide measles immunization programs were conducted immunizing 5,914 preschoolers and 1500 school children.
		After an unusual number of cases and one death attributed to measles encepha- litis, a control program was quickly set up and put into operation. Approx- imately 6000 immunizations were given.
Nineteen "End Measles" campaigns have been held		
Township governments have been holding preschool immunization clinics to immunize those entering first grade in September.	Measles surveillance system seems to be working fairly well.	

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STATE-COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
MARYLAND				
	150,000	138,000	60,542	
MASSACHUSETTS				
NO REPORT RECEIVED				
MINNESOTA NO PROJECT				
MISSISSIPPI				
	275,000	Not available	40,166	
	275,000	NOL AVAILADIE	40,100	
MISSOURI				Returns continue to be approximately 60%.
	126,000	50,000	12,677	Field follow-up completed.
	120,000	50,000	12,077	
MONTANA				
	57,000	19,000	6,465	
	57,000	19,000	0,405	
NEW HAMPSHIRE				
	15,700	16,800	4,813	
	15,700	10,000	4,015	
NEW JERSEY				The initial plastic cards are now being mailed to parents of babies born since
	300,000*		Not available	January 1967.
	500,000*		Not available	
	*preschool and school age			
NEW MEXICO				The total Immunization Project is being
				revised.
	69,140	47,596	12,187	
			1	

2. IMMUNIZATION OF SUSCEPTIBLE CHILDREN IN KINDERGARTENS, FIRST, AND SECOND GRADES	3. DEVELOPMENT OF IMPROVED REPORTING SYSTEMS FOR FINDING OUT WHEN AND WHERE MEASLES CASES OCCUR, SO MORE EFFECTIVE CONTROL MEASURES CAN BE DESIGNED	4. STOPPING OF EPIDEMICS WHERE NOT ENOUGH CHILDREN HAVE BEEN VACCINATED, BY LAUNCHING CRASH IMMUNIZATION PROGRAMS
	Private physicians will be contacted and asked to (cooperatively) submit surveil- lance information.	Campaigns held in 20 counties.
Project working with Head Start.		
Project working with Head Start.	School and Public Health nurses will report absence due to measles.	
	New law requires reporting by name all measles cases.	Several mass campaigns held,
Governor signed bill giving local boards of education the authority to require measles immunization before attending school.		
Project beginning to work closely with		Manglas alístas yers bald ás bus sara
the Sante Fe Boys Club that has 900 boys aged 6-16 years old.		Measles clinics were held in two poor areas.

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STATE-COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
NEW YORK	350,000	100,000	Not available	
NORTH CAROLINA	320,000	40,000	39,347	
NORTH DAKOTA	21,079	10,543* *1 - 3 grades only	3,407	
OHIO	16,857	3,608	20,465	
OKLAHOMA	32,000* *ages 1 - 8		Not available	
OREGON	120,000	43,000	Not available	
PENNSYLVANIA	300,000	200,000	Not available	
PUERTO RICO	235,000	47,000	24,377	
RHODE ISLAND	6,200* *ages 1 - 4	8,000	1,452	State has been apportioned according to census tracts.

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Bill requiring immunization of school children vetoed by Governor.		Three mass clinics are planned.
	Survey is being planned to determine those susceptible to measles and mumps.	,
Measles vaccine was administered to 6,457 susceptibles.		
Two mass measles programs were conducted for preschool children,	Entering planning stage of a surveillance system which will allow us to learn of a school having a case of measles on the se day as the case occurs. Immunization of all susceptibles can take place within 72 hours.	hy
	Survey is being planned.	
	Close surveillance is maintained.	
		Campaigns were conducted in 21 counties 75,195 children were immunized.
Cooperating with the Head Start program 307 children have received vaccine thru this program.		Intense Mass Measles Program has been completed in three health regions. The program will begin again in August and will complete the other two health regions.
	New law requires reporting by name the suspected cases within 24 hours of diagnosis.	

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SOUTH CAROLINA	261,000	200,000	49,221	New mail out card is ready for printing.
SOUTH DAKOTA	30,000	50,000	5,495	
TEXAS				
	620,000	127,000	122,050	
UTAH				Response to date is 83.2%.
	35,610	22,500	56,353	
VERMONT				Peoulte show 60% protoction enclose
VERMONI	Not available	Not available	1,787	Results show 69% protection against measles for 18-month-old infants.
VIRGINIA				
VIRGINIA	Not available	Not available	Not available	Some completions are being made.
UTDOTN TOTANDO				
VIRGIN ISLANDS NO REPORT RECEIVED				
WASHINGTON				
NO PROJECT				
WEST VIRGINIA				Response to mailings is 81.5%.
	131,379	34,188	22,109	Coppinge to matering to or 2%.

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2. IMMUNIZATION OF SUSCEPTIBLE CHILDREN IN KINDERGARTENS, FIRST, AND SECOND GRADES	3. DEVELOPMENT OF IMPROVED REPORTING SYSTEMS FOR FINDING OUT WHEN AND WHERE MEASLES CASES OCCUR, SO MORE EFFECTIVE CONTROL MEASURES CAN BE DESIGNED	4. STOPPING OF EPIDEMICS WHERE NOT ENOUGH CHILDREN HAVE BEEN VACCINATED, BY LAUNCHING CRASH IMMUNIZATION PROGRAMS
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In 12 community clinics held, 751 pre- school children were immunized.		
Special measles campaigns were conducted in 6 counties 64,779 children under 5 years of age were vaccinated.		
	Immunization survey planned for September	
	to involve approximately 50,000 children	
Immunization education school assembly		Mass campaign for three county areas
programs conducted in seven schools.		immunized 3,223 susceptibles, over 2,000 of which were representative of the preschool population
		In a potential epidemic situation, Hancocl County administered 1,176 doses of measler
		County administered 1,176 doses of measier vaccine, while Summers County gave 398 doses.

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WISCONSIN				
NO PROJECT				
WYOMING				1
PIMA COUNTY,				
ARIZONA	19,985	10,906	1,136	
ALAMEDA				
COUNTY, CALIF.			966	
BERKELEY CITY, CALIF.	4,000	Not availa ble	196	
CONTRA COSTA COUNTY, CALIF.	Not available	Not available	3,360	
FRESNO COUNTY.				Now averaging 40% return on mailings.
CALIF.	36,160	95,040	2,009	
IMPERIAL				Of all Imperial County births, 79.89%
COUNTY, CALIF.	7,620	2,711	354	have started immunizations and 10% have completed immunizations. Two part-time health aides have been hired and have completed 135 home visits.
INYO COUNTY,				
CALIF.	1,200	Not available	97	

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Door-to-door motivational visits made.	Measles surveillance map proved its effectiveness as an epidemiological control device for the early identifi- cation and of containment of clusterings of measles cases.	SOS campaign was recipient of the Public Relations Society of America's Silver Anvil Award. The mass immunization education program was chosen as the most outstanding public service program in the nation for 1966.
	Kindergarten Immunization Level Survey results showed 10% of the 380 kinder- garteners surveyed are susceptible.	
Educational material is being prepared for use in schools.		
"Meanie Measles" clinics are planned for August.		
The well-child and family clinics are averaging 550 measles doses a month.		
Preliminary planning for 85 migrant worker camp immunization has started.	Survey held in West Pittsburg.	
Two Head Start groups were immunized,		

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LONG BEACH, CALIF.	19,000	8,000* * 1 - 3 grades	4,158	
LOS ANGELES COUNTY, CALIF.	215,900	72,100	114,430	
ORANGE COUNTY, CALIF. HO PROJECT				
SACRAMENTO COUNTY, CALIF.	29,100	14,894*	2,814	
SAN JOAQUIN COUNTY, CALIF.	Not available	Not available		Envelopes now printed with "return requeste making it possible to follow people who mov
SAN JOSE CITY, CALIF.	Not available	Not available	2,675	
SANTA CLARA COUNTY, CALIF.	16,000	45,000	1,204	
SANTA CRUZ COUNTY, CALIF.	2,800	2,466	369	
SONOMA COUNTY, CALIF.	Not available	Not available	620	

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Special clinics were conducted.		
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		"Stop Measles Now" campaign held June 1-5
		when 89,622 children were immunized.
	Additional school survey was finished and	
	results are now being computed.	
	Special study has been conducted in 18	
	of the local schools in lower socio- economic areas to determine susceptibles.	
	Approximately 40% were found to be suscep-	•
	tible.	
Immunization education program to start	Follow up has been made on each of the	
for school age children.	seven measles cases reported.	
"Color the Germ" contest held.		Measles Eradication Sundays now being planned.
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STATE - COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
SUTTER-YUBA COUNTY, CALIF.	6,000	Not available	332	
VENTURA COUNTY, CALIF.	6,200	Not available	1,008	
COLO COUNTY, CALIF.	3,500	2,500	493	
aGRANGE, GA.	1,600	7,000	573	
SAVANNAH- CHATHAM COUNTY, GA.	10,000	10,000	1,134	
CHICAGO, ILL.	100,000	95,000	30,697	
LAKE COUNTY, ILL.	15,200	Not available	240	
MARION COUNTY, IND.	59,778	168,394	3,879	
DES MOINES- POLK COUNTY, IOWA	9,000	6,000	2,223	The return on the first mailing of the brief response card is 61%.

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Schools are encouraging measles shots for all who register for school. Special school clinics for 1966-67 season are completed.	School offices have been asked to notify us concerning any child whose absense fro school is due to measles. Kindergarten registrants are being screen Three-year-olds are being surveyed.	
	Follow up is being performed on kinder- garten survey made at time of school registration.	
Board of Education passed a law requirin that measles vaccine be a requisite for all children entering first grade.	β	
		A special measles campaign was held May 19
Well child clincs are held. Kindergarten effort completed - results now being tabulated. Mailings made to parents of pre-seventh graders.	A four-point program for eradicating measles from Polk County has been established.	

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KANSAS CITY- WYANDOTTE COUNTY, KANSAS	Not available	Not available	897	Nurse visits patients on maternity floor of all hospitals.
BALITMORE, MARYLAND	22,500	29,000	Not available	
DETROIT, MICH.	40,000	20,000	8,085	
SAGINAW, MICH.	5,602	10,876	898	
TRI-COUNTY (ST. JOSEPH), MICH.	11,140	5,220	923	
MINNEAPOLIS, MINN.	7,120	1,988	1,335	
ROCHESTER, MINN.	3,313	2,471	668	
ST. PAUL, MINN.	15,000	Not available	1,503	
KANSAS CITY, MO. REPORT CCEIVED				

2. IMMUNIZATION OF SUSCEPTIBLE CHILDREN IN KINDERGARTENS, FIRST, AND SECOND GRADES	3. DEVELOPMENT OF IMPROVED REPORTING SYSTEMS FOR FINDING OUT WHEN AND WHERE MEASLES CASES OCCUR, SO MORE EFFECTIVE CONTROL MEASURES CAN BE DESIGNED	4. STOPPING OF EPIDEMICS WHERE NOT ENOUGH CHILDREN HAVE BEEN VACCINATED, BY LAUNCHING CRASH IMMUNIZATION PROGRAMS
	Two surveys have been run.	"End Measles Sunday" program held in Wyandotte County in response to an outbreak of measles 2,553 doses were given.
		On May 21 14,420 children were immunized.
	All reported cases of measles are being plotted on a map.	
	Special survey is being conducted in area where immunization surveys have been held	
	Reporting procedures being studied,	
Law requires children to be immunized against measles before entering school.		
Legislature was enacted as of July 1.	One census tract survey was conducted to	
All children entering school must have measles immunity.	locate susceptables under age six. 203 susceptables were found.	
Completed health ID cards have been issued to 3,766 school children.		
Children (900) in the Head Start Program will have their immunizations checked.	1	
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Over the last quarter, the Bureau has		
increased 125% the total number of measles vaccine doses administered and distributed to private physicians.		
Effective July 1, 1967 children must submit evidence of measles immunity pri- to enrolling in school.	ar	

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TATE-COUNTY	ESTIMATED NUMBER OF SUSCEPTIBLES PRE-SCHOOL	ESTIMATED NUMBER OF SUSCEPTIBLES SCHOOL	NUMBER IMMUNIZED THIS QUARTER	1. ROUTINE IMMUNIZATION OF ALL 1-YEAR-OLD CHILDREN
ST. LOUIS CITY, MO.				
	30,000	39,569	6,607	
ST. LOUIS COUNTY, MO.	4,000	7,000	622	
MAHA- DOUGLAS COUNTY, NEB.				
	12,000	12,000	2,548	
CLARK CO. (LAS VEGAS), NEV.	10,000	5,000	615	Backlog of 1965-1966 births covered.
RENO-WASHOE COUNTY, NEV. ,.	Not available	1,574	374	The returns on mailings are approximately 40%.
NEW YORK CITY, N.Y. REPORT CCEIVED				
ALLEGHENY COUNTY, (PITTSBURGH), PA.	39,439	5,035	Not available	
PHILADELPHIA, PA.	99,000	22,000	11,893	
CHATTANOOGA- HAMILTON COUNTY, TENN.	13,020	12,050	1,248	

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×	Epidemiology on all reported cases of rubeola is being continued.	City-wide measles program was held on June 11 4,003 immunizations were give
In clinics held in the Kinloch area, 603 elementary school children were immunized.	Immunization level surveys were held in most schools among kindergarten children. In early September all schools will be requested to conduct immunization level surveys in the first three grades.	• •
1,491 cards were mailed to parents to encourage immunization. 4,736 health ID cards were issued in school booster program this quarter.		Mass measles campaigns were held in 26 poverty area schools. 491 school aged children were immunized.
Ten clinics will be held.		
Parochial schools have an estimated 75% protection. School clinics held in every school except two which will be started in September.	Reporting by private physicians considere very poor. Efforts will be made to work through the secretary of the Medical Society.	:d
	Follow-up performed on all reported measles cases.	
Approximately 8600 doses of measles vaccine were distributed for adminis- tration to first grade, kindergarten, and prekindergarten pupils as well as Get Set and Head Start students.		
Door-to-door campaign held in June.		

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MEMPHIS- SHELBY COUNTY, TENN.	40,000	40,000	27,923	Now entering 55 - 65% of all infants born in Memphis-Shelby County. All births will be entered when plans are finalized.
NASHVILLE, TENN.	29,000	5,900* * grades 1 - 3	3,266	Infant Maintenance Program now covering entire area of Metropolitan Nashville - Davidson County.
AMARILLO, TEX.	9,400	Not available	492	Infant Maintenance Program went into effect February 1967.
DALLAS, TEX.	65,000	12,500	3,084	
EAGLE PASS (S.W.H. DIST.), TEX.				
EL PASO, TEX.	9,500	2,000	2,064	
GALVESTON TEX.	954	149	3,411	
HOUSTON, TEX.	47,000	56,000	71,763	Returns indicate 50,8% have started immunizations and 53,9% have completed them,
JASPER- NEWTON- HARDIN TRI-COUNTY, TEX. NO REPORT LECEIVED				

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2. IMMUNIZATION OF SUSCEPTIBLE CHILDREN IN KINDERGARTENS, FIRST, AND SECOND GRADES	3. DEVELOPMENT OF IMPROVED REPORTING SYSTEMS FOR FINDING OUT WHEN AND WHERE MEASLES CASES OCCUR, SO MORE EFFECTIVE CONTROL MEASURES CAN BE DESIGNED	4. STOPPING OF EPIDEMICS WHERE NOT ENOUGH CHILDREN HAVE BEEN VACCINATED, BY LAUNCHING CRASH IMMUNIZATION PROGRAMS
At the time the original contact was made with parents of 23,768 children, 57.4% were measles immune. The levels have bee raised to 89.0% - this includes 15,787 vaccinated and 5,361 with natural immunit	n	
Clinics were held in the schools		
	Door-to-door survey being conducted.	
In a mass campaign in April 3,186 children were vaccinated.		
		Mass campaign held on Sunday, April 16
		in cooperation with the Medical Society and the Jr. Chamber of Commerce 63,189 children were vaccinated.
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AREDO-WEBB				Returns have been 30% this quarter
COUNTY, TEX.				Keturna nave been 30% thra quarter
	5,200	3,404	862	
UBBOCK CITY-				· · · · · · · · · · · · · · · · · · ·
COUNTY, TEX.		,		
	10,000	4,000*	1,491	
		*thru 9 years of age		
MARSHALL- HARRISON				
COUNTY, TEX.	1,980	2,243	440	an an an an Araban an Araban Araban Araban Araban Araban Araban Araban Araban
SAN ANTONIO,				
TEX.				
	15,000	Not available	2,467	
WACO-McLENNAN COUNTY, TEX.				
	9,250	Not available	1,007	
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UPSHUR COUNTY,				
TEX.				
	1,659	Not available	141	
MILWAUKEE,				
WIS.				
	19,947	107,778	3,924	
WAUKESHA COUNTY, WIS.				
	10,064	33,305	Not available	
		1		

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	MEASLES ERADICATION - 1967	
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	Questionnaires were sent to school children in lower elementary grades in eleven private and four county schools Clinics were held and 38% of the students were immunized.	
	A health index survey conducted in April shows these averages for measles immuni-	
	zations: Upper socio-economic - 36.19% Middle "17.30 Lower "36.46	
Preschoolers immunized in cooperation with Head Start Program.		
Special clinkcs are held to which school nurses bring children needing immuniza- tions required by the schools.		
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		2 and 1
Measles immunizations will be offered to		
children in kindergarten, first, and second grades when school resumes.		