



Morbidity and Mortality

Vol. 16, No. 6

WEEKLY
REPORT

Week Ending
February 11, 1967

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

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

CURRENT TRENDS
MEASLES - 1967

The pattern of a gradually increasing incidence of measles cases observed during the first 5 weeks of 1967 is continuing (Figure 1). For the 6th week (ending February 11), 2,406 cases were reported. This total is 201 cases more than for the previous week, but is 4,613 cases less than for the comparable week of 1966.

Five states reported more than 100 cases for the current week: Arkansas - 512; California - 149; Tennessee - 132; Texas - 457; and Washington - 251. A large percentage of the total number of cases reported from Arkansas for the sixth week represents delayed reports from the last week of January and the first week of February.

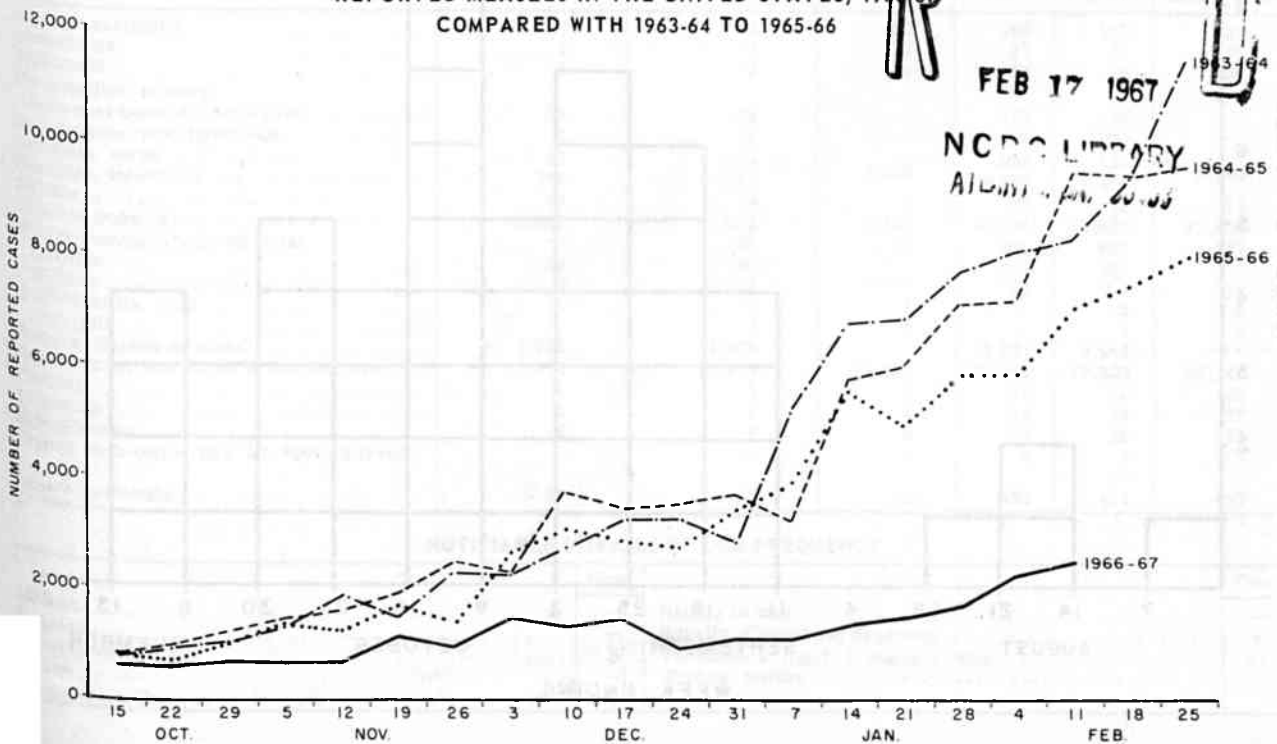
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The cumulative number of cases for the first 6 weeks of 1967 is 10,326. During the same 6-week period in 1966, cases totaled 33,022, and for the previous 3 years the respective totals were 42,629, 38,191, and 51,041. Thus, the current year's total is approximately one quarter of the mean number of cases for the comparable 6-week period of the previous 4 years.

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

Figure 1
REPORTED MEASLES IN THE UNITED STATES, 1967
COMPARED WITH 1963-64 TO 1965-66



EPIDEMIOLOGIC NOTES AND REPORTS
HEPATITIS ON ZUNI INDIAN RESERVATION
New Mexico

Between August 1 and November 20, 1966, 51 cases of hepatitis are known to have occurred among Indians living on or near the Zuni Indian Reservation in northwestern New Mexico. No cases had been reported during the first 7 months of 1966. All of the patients had typical icteric illnesses characterized by fever, nausea, malaise, abdominal pain, and hepatomegaly. These illnesses were generally mild and there were no deaths. Liver function tests performed on 46 of the patients showed abnormalities consistent with viral hepatitis.

Of the 51 patients, 48 were Zuni Indians and 3 were Navaho Indians living in the Ramah-Navaho Area southeast of the Zuni Reservation. Only one of the latter three patients had either visited Zuni or had had known contact with persons from Zuni.

The age and sex distribution of the 51 cases is shown in Table 1. Forty-five of the 51 patients were less than 10 years old, and of these, 42 were clustered between 2 and 7 years of age. Twenty of the patients were males and 31 were females.

The epidemic curve by week of onset shows an initial small cluster in mid-August, followed by a single wave

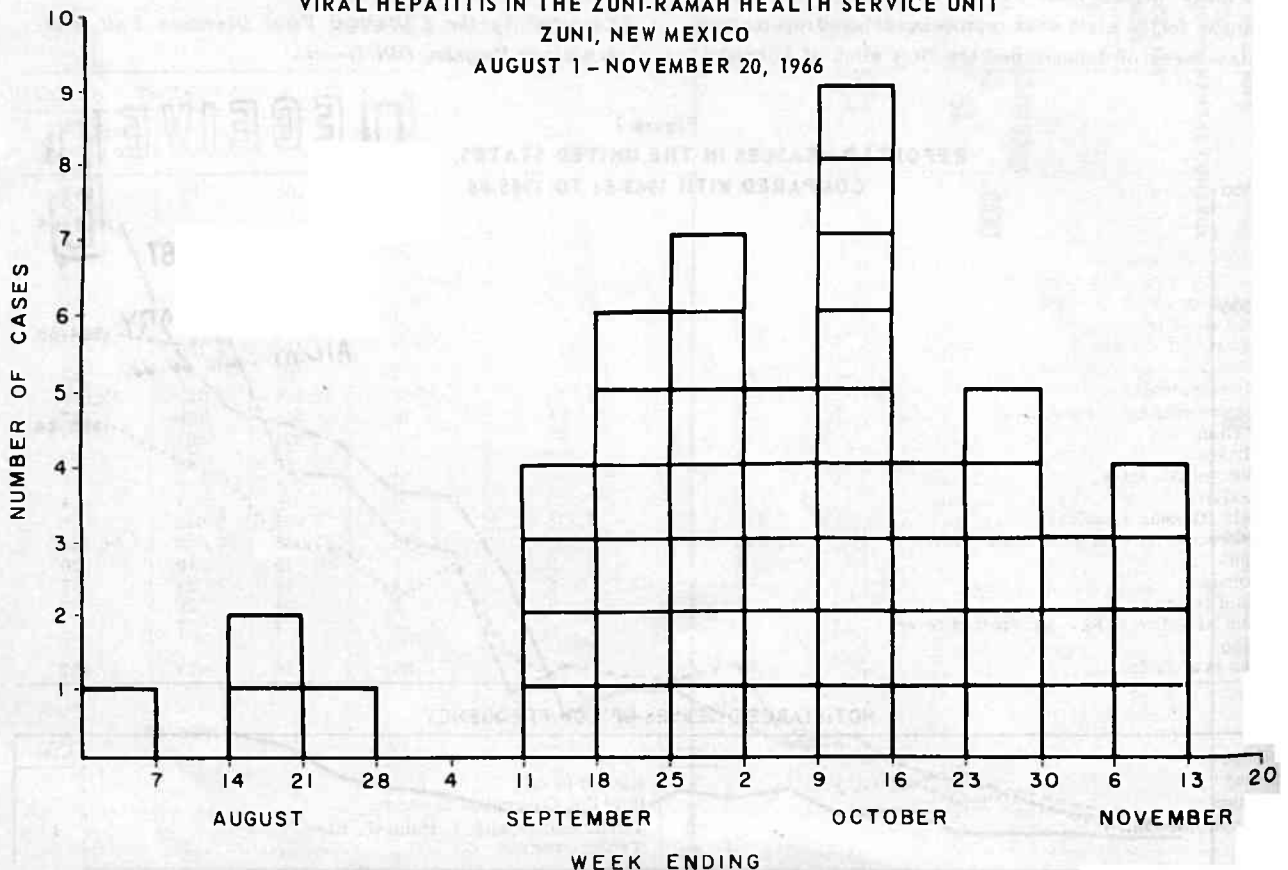
Table 1
Age and Sex Distribution of 51 Cases of Viral Hepatitis
Zuni-Ramah Health Service Unit, Zuni, New Mexico

Age	Males	Females	Total
0-4	8	14	22
5-9	9	14	23
10-14	1	1	2
15-19	0	1	1
20-29	0	0	0
30-39	1	1	2
40-49	1	0	1
50+	0	0	0
Total	20	31	51

with the peak number of cases having onsets during the week ending October 16 (Figure 2). There was no significant geographic aggregation of cases. Thirty-four percent of the patients had had definite contact with a prior case of hepatitis 2 weeks to 2 months prior to their onsets.

(Continued on page 52)

Figure 2
VIRAL HEPATITIS IN THE ZUNI-RAMAH HEALTH SERVICE UNIT
ZUNI, NEW MEXICO
AUGUST 1 - NOVEMBER 20, 1966



SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS JANUARY 1967 AND JANUARY 1966

CASES OF PRIMARY AND SECONDARY SYPHILIS: BY REPORTING AREAS JANUARY 1967 AND JANUARY 1966 - PROVISIONAL DATA

Reporting Area	January		Cumulative January		Reporting Area	January		Cumulative January	
	1967	1966	1967	1966		1967	1966	1967	1966
NEW ENGLAND.....	33	48	33	48	EAST SOUTH CENTRAL.....	159	185	159	185
Maine.....	-	-	-	-	Kentucky.....	9	11	9	11
New Hampshire.....	1	-	1	-	Tennessee.....	24	31	24	31
Vermont.....	2	-	2	-	Alabama.....	103	99	103	99
Massachusetts.....	19	32	19	32	Mississippi.....	23	44	23	44
Rhode Island.....	2	3	2	3	WEST SOUTH CENTRAL.....	261	240	261	240
Connecticut.....	9	13	9	13	Arkansas.....	11	18	11	18
MIDDLE ATLANTIC.....	326	343	326	343	Louisiana.....	42	55	42	55
Upstate New York.....	22	35	22	35	Oklahoma.....	16	19	16	19
New York City.....	181	205	181	205	Texas.....	192	148	192	148
Pa. (Excl. Phila.).....	40	27	40	27	MOUNTAIN.....	57	39	57	39
Philadelphia.....	20	20	20	20	Montana.....	-	3	-	3
New Jersey.....	63	56	63	56	Idaho.....	3	-	3	-
EAST NORTH CENTRAL.....	246	241	246	241	Wyoming.....	-	-	-	-
Ohio.....	50	48	50	48	Colorado.....	10	7	10	7
Indiana.....	5	6	5	6	New Mexico.....	17	7	17	7
Downstate Illinois.....	12	21	12	21	Arizona.....	27	21	27	21
Chicago.....	76	76	76	76	Utah.....	-	1	-	1
Michigan.....	99	77	99	77	Nevada.....	-	-	-	-
Wisconsin.....	4	13	4	13	PACIFIC.....	155	188	155	188
WEST NORTH CENTRAL.....	26	53	26	53	Washington.....	4	7	4	7
Minnesota.....	2	2	2	2	Oregon.....	4	2	4	2
Iowa.....	3	6	3	6	California.....	144	177	144	177
Missouri.....	8	31	8	31	Alaska.....	1	1	1	1
North Dakota.....	-	1	-	1	Hawaii.....	2	1	2	1
South Dakota.....	5	2	5	2	U. S. TOTAL.....	1,768	1,853	1,768	1,853
Nebraska.....	3	6	3	6	TERRITORIES.....				
Kansas.....	5	5	5	5	Puerto Rico.....	50	84	50	84
SOUTH ATLANTIC.....	505	516	505	516	Virgin Islands.....	48	82	48	82
Delaware.....	4	3	4	3		2	2	2	2
Maryland.....	66	35	66	35					
District of Columbia.....	47	46	47	46					
Virginia.....	24	18	24	18					
West Virginia.....	2	9	2	9					
North Carolina.....	67	79	67	79					
South Carolina.....	75	87	75	87					
Georgia.....	86	82	86	82					
Florida.....	134	157	134	157					

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

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

DISEASE	6th WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 6 WEEKS		
	FEBRUARY 11, 1967	FEBRUARY 12, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis.....	26	29	22	168	157	157
Brucellosis.....	2	7	7	17	24	28
Diphtheria.....	4	4	4	16	16	28
Encephalitis, primary:						
Arthropod-borne & unspecified.....	34	24	---	126	137	---
Encephalitis, post-infectious.....	13	12	---	58	76	---
Hepatitis, serum.....	31	19		208	121	
Hepatitis, infectious.....	790	711	1,039	4,490	4,186	5,504
Malaria.....	48	9	2	197	35	12
Measles (rubeola).....	2,406	7,019	9,361	10,326	33,022	42,629
Meningococcal infections, total.....	57	85	70	345	439	337
Civilian.....	54	65	---	321	387	---
Military.....	3	20	---	24	52	---
Poliomyelitis, total.....	-	1	1	-	2	6
Paralytic.....	-	1	1	-	1	4
Rubella (German measles).....	1,021	1,375	---	3,921	5,642	---
Streptococcal sore throat & scarlet fever.....	12,062	12,155	11,315	67,045	59,022	56,146
Tetanus.....	2	3	3	15	10	20
Tularemia.....	1	6	4	14	24	37
Typhoid fever.....	6	4	6	34	28	39
Typhus, tick-borne (Rky. Mt. spotted fever).....	-	-	-	4	7	3
Rabies in animals.....	86	92	89	438	434	407

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax.....	-	Rabies in man.....	-
Botulism.....	-	Rubella, Congenital Syndrome.....	-
Leptospirosis Md.-1.....	5	Trichinosis: Calif.-1, Maine-1, Mass.-1.....	11
Plague.....	-	Typhus, murine.....	-
Psittacosis: MASS.-1.....	6		

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

FEBRUARY 11, 1967 AND FEBRUARY 12, 1966 (6th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
	1967	1966			Primary including unsp. cases	Post-Infectious	Serum		Infectious		
							1967	1966	1967	1966	1967
UNITED STATES...	26	29	2	4	34	24	13	31	19	790	711
NEW ENGLAND.....	2	-	-	-	5	3	-	2	-	34	30
Maine.....	-	-	-	-	-	-	-	-	-	-	10
New Hampshire.....	-	-	-	-	-	-	-	-	-	4	3
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	-	-	-	2	1	-	1	-	21	8
Rhode Island.....	1	-	-	-	3	2	-	1	-	4	8
Connecticut.....	-	-	-	-	-	-	-	-	-	5	1
MIDDLE ATLANTIC.....	8	2	-	-	4	7	-	13	10	101	102
New York City.....	-	-	-	-	4	3	-	10	5	19	19
New York, Up-State.....	1	-	-	-	-	1	-	-	-	41	27
New Jersey.....	5	1	-	-	-	2	-	2	5	8	14
Pennsylvania.....	2	1	-	-	-	1	-	1	-	33	42
EAST NORTH CENTRAL...	1	1	-	1	8	4	2	1	1	164	122
Ohio.....	-	1	-	-	5	-	-	-	-	34	31
Indiana.....	1	-	-	1	1	-	-	-	-	25	14
Illinois.....	-	-	-	-	1	1	-	-	1	27	24
Michigan.....	-	-	-	-	-	3	2	1	-	54	46
Wisconsin.....	-	-	-	-	1	-	-	-	-	24	7
WEST NORTH CENTRAL...	-	1	1	-	-	1	-	1	-	54	29
Minnesota.....	-	-	-	-	-	-	-	1	-	4	9
Iowa.....	-	-	-	-	-	-	-	-	-	14	4
Missouri.....	-	1	-	-	-	1	-	-	-	26	6
North Dakota.....	-	-	-	-	-	-	-	-	-	1	1
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	1	-	-	-	-	-	-	1	-
Kansas.....	-	-	-	-	-	-	-	-	-	8	9
SOUTH ATLANTIC.....	1	4	-	-	10	3	5	2	2	86	59
Delaware.....	-	-	-	-	-	-	-	-	-	3	1
Maryland.....	1	-	-	-	-	-	1	1	-	28	16
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	1
Virginia.....	-	-	-	-	-	-	-	-	1	17	9
West Virginia.....	-	1	-	-	-	-	-	-	-	7	6
North Carolina.....	-	-	-	-	-	3	-	-	-	7	13
South Carolina.....	-	1	-	-	-	-	-	-	-	4	1
Georgia.....	-	-	-	-	10	-	-	-	-	12	-
Florida.....	-	2	-	-	-	-	4	1	1	8	12
EAST SOUTH CENTRAL...	3	7	-	-	-	1	1	-	-	63	66
Kentucky.....	-	4	-	-	-	-	-	-	-	16	26
Tennessee.....	-	-	-	-	-	-	1	-	-	33	27
Alabama.....	3	3	-	-	-	-	-	-	-	10	4
Mississippi.....	-	-	-	-	-	1	-	-	-	4	9
WEST SOUTH CENTRAL...	2	5	1	2	1	-	4	-	-	71	63
Arkansas.....	-	-	-	-	-	-	1	-	-	5	7
Louisiana.....	-	1	-	1	1	-	-	-	-	10	6
Oklahoma.....	-	-	-	-	-	-	-	-	-	9	4
Texas.....	2	4	1	1	-	-	3	-	-	47	46
MOUNTAIN.....	-	1	-	-	-	2	-	-	1	21	50
Montana.....	-	-	-	-	-	1	-	-	-	-	3
Idaho.....	-	-	-	-	-	-	-	-	-	5	-
Wyoming.....	-	-	-	-	-	1	-	-	-	-	2
Colorado.....	-	-	-	-	-	-	-	-	1	11	15
New Mexico.....	-	-	-	-	-	-	-	-	-	3	13
Arizona.....	-	1	-	-	-	-	-	-	-	-	13
Utah.....	-	-	-	-	-	-	-	-	-	2	4
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	9	8	-	1	6	3	1	12	5	196	190
Washington.....	1	-	-	-	2	-	1	1	-	23	18
Oregon.....	-	-	-	1	-	-	-	-	-	35	28
California.....	6	8	-	-	4	3	-	11	5	135	143
Alaska.....	-	-	-	-	-	-	-	-	-	2	1
Hawaii.....	2	-	-	-	-	-	-	-	-	1	-
Puerto Rico	-	-	-	-	-	-	1	-	-	8	9

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

FEBRUARY 11, 1967 AND FEBRUARY 12, 1966 (6th WEEK) - CONTINUED

AREA	MALARIA		MEASLES (Rubeola)		MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
	1967	1967	Cumulative		1967	Cumulative		Total	Paralytic		1967
			1967	1966		1967	1967	1966	1967	1967	
UNITED STATES...	48	2,406	10,326	33,022	57	345	439	-	-	-	1,021
NEW ENGLAND.....	1	33	116	459	1	10	24	-	-	-	128
Maine.....	-	3	8	48	-	1	-	-	-	-	57
New Hampshire.....	-	-	-	5	-	-	7	-	-	-	1
Vermont.....	-	3	16	136	-	-	1	-	-	-	-
Massachusetts.....	-	10	56	159	-	4	8	-	-	-	12
Rhode Island.....	1	14	20	32	-	-	2	-	-	-	4
Connecticut.....	-	3	16	79	1	5	6	-	-	-	54
MIDDLE ATLANTIC.....	5	94	419	5,131	7	50	71	-	-	-	24
New York City.....	-	10	54	2,559	-	9	14	-	-	-	9
New York, Up-State.....	-	32	116	674	3	15	15	-	-	-	15
New Jersey.....	1	9	107	447	3	20	23	-	-	-	-
Pennsylvania.....	4	43	142	1,451	1	6	19	-	-	-	-
EAST NORTH CENTRAL...	-	235	996	13,087	3	34	73	-	-	-	201
Ohio.....	-	60	130	711	1	13	24	-	-	-	10
Indiana.....	-	13	127	471	1	4	7	-	-	-	19
Illinois.....	-	23	100	2,617	1	7	13	-	-	-	37
Michigan.....	-	84	267	2,130	-	8	20	-	-	-	44
Wisconsin.....	-	55	372	7,158	-	2	9	-	-	-	91
WEST NORTH CENTRAL...	1	75	359	1,311	4	18	21	-	-	-	59
Minnesota.....	-	3	16	519	2	4	5	-	-	-	3
Iowa.....	1	51	99	439	-	2	4	-	-	-	47
Missouri.....	-	4	14	81	1	5	6	-	-	-	2
North Dakota.....	-	10	128	255	-	-	-	-	-	-	7
South Dakota.....	-	-	15	2	-	3	1	-	-	-	-
Nebraska.....	-	7	87	15	1	3	2	-	-	-	-
Kansas.....	-	NN	NN	NN	-	1	3	-	-	-	-
SOUTH ATLANTIC.....	22	169	1,168	2,889	11	63	74	-	-	-	56
Delaware.....	-	-	9	41	-	2	-	-	-	-	-
Maryland.....	-	5	18	521	2	9	8	-	-	-	9
Dist. of Columbia..	-	-	4	129	-	-	-	-	-	-	-
Virginia.....	-	57	299	220	2	8	7	-	-	-	8
West Virginia.....	-	43	278	1,411	-	8	3	-	-	-	15
North Carolina.....	18	32	257	37	3	12	17	-	-	-	-
South Carolina.....	2	8	12	132	-	2	14	-	-	-	4
Georgia.....	2	-	9	34	2	10	5	-	-	-	-
Florida.....	-	24	282	364	2	12	20	-	-	-	20
EAST SOUTH CENTRAL...	2	238	1,306	4,320	8	34	29	-	-	-	77
Kentucky.....	-	12	370	1,772	2	11	15	-	-	-	3
Tennessee.....	-	132	515	2,395	4	15	10	-	-	-	13
Alabama.....	2	76	235	81	1	3	3	-	-	-	61
Mississippi.....	-	18	186	72	1	5	1	-	-	-	-
WEST SOUTH CENTRAL...	3	1,048	3,137	2,233	12	59	49	-	-	-	64
Arkansas.....	1	512*	711	24	1	1	5	-	-	-	5
Louisiana.....	2	3	22	25	5	27	9	-	-	-	-
Oklahoma.....	-	76	371	21	-	2	2	-	-	-	-
Texas.....	-	457	2,033	2,163	6	29	33	-	-	-	59
MOUNTAIN.....	-	55	656	1,410	1	9	19	-	-	-	46
Montana.....	-	14	138	255	-	-	2	-	-	-	7
Idaho.....	-	20	72	224	-	1	-	-	-	-	4
Wyoming.....	-	-	12	21	-	-	1	-	-	-	-
Colorado.....	-	8	114	149	-	3	13	-	-	-	32
New Mexico.....	-	4	100	4	-	3	1	-	-	-	-
Arizona.....	---	---	92	700	---	---	1	---	---	---	---
Utah.....	-	4	23	53	1	1	-	-	-	-	3
Nevada.....	-	5	105	4	-	1	1	-	-	-	-
PACIFIC.....	14	459	2,169	2,182	10	68	79	-	-	-	366
Washington.....	-	251	1,199	636	1	2	5	-	-	-	75
Oregon.....	-	45	286	220	1	6	3	-	-	-	21
California.....	4	149	604	1,294	8	58	61	-	-	-	244
Alaska.....	-	7	55	7	-	2	8	-	-	-	2
Hawaii.....	10	7	25	25	-	-	2	-	-	-	24
Puerto Rico.....	-	53	293	379	2	3	-	-	-	-	1

*Delayed Reporting For Last Week of January and First Week of February.

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

FEBRUARY 11, 1967 AND FEBRUARY 12, 1966 (6th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	12,062	2	15	1	14	6	34	-	4	86	438
NEW ENGLAND.....	1,627	-	-	-	-	-	-	-	-	2	3
Maine.....	95	-	-	-	-	-	-	-	-	-	1
New Hampshire.....	18	-	-	-	-	-	-	-	-	1	1
Vermont.....	5	-	-	-	-	-	-	-	-	1	1
Massachusetts.....	277	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	94	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,138	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	469	-	1	-	-	1	6	-	-	-	9
New York City.....	18	-	-	-	-	1	4	-	-	-	-
New York, Up-State.....	390	-	-	-	-	-	1	-	-	-	6
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	61	-	1	-	-	-	1	-	-	-	3
EAST NORTH CENTRAL...	1,619	-	-	-	2	-	2	-	-	11	28
Ohio.....	226	-	-	-	-	-	1	-	-	5	15
Indiana.....	236	-	-	-	-	-	-	-	-	4	7
Illinois.....	237	-	-	-	2	-	-	-	-	1	4
Michigan.....	675	-	-	-	-	-	1	-	-	-	1
Wisconsin.....	245	-	-	-	-	-	-	-	-	1	1
WEST NORTH CENTRAL...	646	-	1	-	3	-	-	-	-	19	129
Minnesota.....	22	-	1	-	-	-	-	-	-	7	33
Iowa.....	337	-	-	-	-	-	-	-	-	1	14
Missouri.....	9	-	-	-	1	-	-	-	-	6	31
North Dakota.....	162	-	-	-	-	-	-	-	-	1	22
South Dakota.....	17	-	-	-	-	-	-	-	-	4	15
Nebraska.....	5	-	-	-	-	-	-	-	-	-	4
Kansas.....	94	-	-	-	2	-	-	-	-	-	10
SOUTH ATLANTIC.....	1,034	-	3	-	2	1	2	-	3	11	52
Delaware.....	8	-	-	-	-	-	-	-	-	-	-
Maryland.....	191	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	402	-	2	-	-	1	1	-	-	5	26
West Virginia.....	264	-	-	-	-	-	-	-	-	2	8
North Carolina.....	44	-	-	-	-	-	1	-	2	1	1
South Carolina.....	70	-	-	-	2	-	-	-	-	-	-
Georgia.....	5	-	-	-	-	-	-	-	1	2	11
Florida.....	50	-	1	-	-	-	-	-	-	1	6
EAST SOUTH CENTRAL...	1,760	-	3	-	2	-	4	-	1	20	102
Kentucky.....	126	-	-	-	-	-	-	-	-	3	25
Tennessee.....	1,411	-	3	-	2	-	1	-	1	16	74
Alabama.....	134	-	-	-	-	-	3	-	-	1	2
Mississippi.....	89	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL...	1,125	1	2	-	1	4	12	-	-	16	82
Arkansas.....	4	-	-	-	-	1	1	-	-	5	16
Louisiana.....	2	-	-	-	-	3	11	-	-	1	7
Oklahoma.....	7	-	-	-	1	-	-	-	-	3	18
Texas.....	1,112	1	2	-	-	-	-	-	-	7	41
MOUNTAIN.....	1,827	-	-	1	4	-	2	-	-	-	7
Montana.....	142	-	-	-	1	-	1	-	-	-	-
Idaho.....	189	-	-	-	-	-	-	-	-	-	-
Wyoming.....	3	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,108	-	-	1	1	-	-	-	-	-	-
New Mexico.....	166	-	-	-	-	-	-	-	-	-	4
Arizona.....	---	---	---	---	---	---	1	---	---	---	3
Utah.....	205	-	-	-	2	-	-	-	-	-	-
Nevada.....	14	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,955	1	5	-	-	-	6	-	-	7	26
Washington.....	498	-	-	-	-	-	-	-	-	-	-
Oregon.....	92	-	-	-	-	-	-	-	-	-	-
California.....	1,299	1	4	-	-	-	6	-	-	7	26
Alaska.....	33	-	-	-	-	-	-	-	-	-	-
Hawaii.....	33	-	1	-	-	-	-	-	-	-	-
Puerto Rico.....	9	-	-	-	-	-	2	-	-	2	3

Morbidity and Mortality Weekly Report

Week No. **DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED FEBRUARY 11, 1967**

6 (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:	759	449	37	30	SOUTH ATLANTIC:	1,111	608	45	52
Boston, Mass.-----	275	140	13	11	Atlanta, Ga.-----	134	61	5	10
Bridgeport, Conn.-----	39	24	3	2	Baltimore, Md.-----	172	93	7	8
Cambridge, Mass.-----	38	24	-	-	Charlotte, N. C.-----	53	25	4	2
Fall River, Mass.-----	25	16	-	2	Jacksonville, Fla.-----	59	33	2	2
Hartford, Conn.-----	49	30	4	4	Miami, Fla.-----	112	64	1	6
Lowell, Mass.-----	22	15	2	-	Norfolk, Va.-----	63	35	4	2
Lynn, Mass.-----	27	20	1	1	Richmond, Va.-----	83	52	1	3
New Bedford, Mass.-----	26	18	-	1	Savannah, Ga.-----	38	17	-	3
New Haven, Conn.-----	42	27	-	2	St. Petersburg, Fla.-----	74	63	6	-
Providence, R. I.-----	56	29	4	5	Tampa, Fla.-----	72	46	5	2
Somerville, Mass.-----	12	6	-	-	Washington, D. C.-----	202	94	9	11
Springfield, Mass.-----	49	34	4	1	Wilmington, Del.-----	49	25	1	3
Waterbury, Conn.-----	34	23	-	-					
Worcester, Mass.-----	65	43	6	1	EAST SOUTH CENTRAL:	607	333	27	36
					Birmingham, Ala.-----	111	61	1	5
MIDDLE ATLANTIC:	3,358	1,998	145	143	Chattanooga, Tenn.-----	50	24	3	1
Albany, N. Y.-----	61	37	2	2	Knoxville, Tenn.-----	34	16	-	4
Allentown, Pa.-----	30	19	-	1	Louisville, Ky.-----	108	70	13	5
Buffalo, N. Y.-----	162	108	6	4	Memphis, Tenn.-----	122	58	5	10
Camden, N. J.-----	53	29	3	4	Mobile, Ala.-----	42	20	1	3
Elizabeth, N. J.-----	32	16	1	1	Montgomery, Ala.-----	47	29	2	5
Erie, Pa.-----	48	32	4	5	Nashville, Tenn.-----	93	55	2	3
Jersey City, N. J.-----	67	35	7	-					
Newark, N. J.-----	85	42	5	4	WEST SOUTH CENTRAL:	1,267	677	40	95
New York City, N. Y.-----	1,614	942	58	54	Austin, Tex.-----	48	31	3	1
Paterson, N. J.-----	45	28	1	5	Baton Rouge, La.-----	32	15	-	-
Philadelphia, Pa.-----	511	314	11	26	Corpus Christi, Tex.-----	30	20	-	4
Pittsburgh, Pa.-----	215	114	8	16	Dallas, Tex.-----	126	66	-	10
Reading, Pa.-----	61	38	7	4	El Paso, Tex.-----	53	24	3	8
Rochester, N. Y.-----	120	83	7	3	Fort Worth, Tex.-----	91	49	3	3
Schenectady, N. Y.-----	22	12	-	-	Houston, Tex.-----	201	99	8	19
Scranton, Pa.-----	43	28	3	4	Little Rock, Ark.-----	84	42	2	11
Syracuse, N. Y.-----	70	42	5	6	New Orleans, La.-----	203	108	6	8
Trenton, N. J.-----	48	28	3	-	Oklahoma City, Okla.-----	132	63	3	17
Utica, N. Y.-----	38	27	5	3	San Antonio, Tex.-----	120	79	4	7
Yonkers, N. Y.-----	33	24	9	1	Shreveport, La.-----	70	40	5	4
					Tulsa, Okla.-----	77	41	3	3
EAST NORTH CENTRAL:	2,677	1,491	83	158	MOUNTAIN:	426	240	21	32
Akron, Ohio-----	59	34	-	3	Albuquerque, N. Mex.-----	56	30	5	6
Canton, Ohio-----	43	20	1	5	Colorado Springs, Colo.-----	13	10	-	-
Chicago, Ill.-----	786	423	32	43	Denver, Colo.-----	108	60	6	14
Cincinnati, Ohio-----	149	85	5	6	Ogden, Utah-----	18	11	1	-
Cleveland, Ohio-----	221	109	-	17	Phoenix, Ariz.-----	96	51	7	5
Columbus, Ohio-----	110	56	-	14	Pueblo, Colo.-----	22	13	1	-
Dayton, Ohio-----	80	43	2	6	Salt Lake City, Utah-----	58	34	1	3
Detroit, Mich.-----	391	204	8	20	Tucson, Ariz.-----	55	31	-	4
Evansville, Ind.-----	25	18	-	-					
Flint, Mich.-----	64	37	3	4	PACIFIC:	1,692	1,059	49	72
Fort Wayne, Ind.-----	40	22	3	6	Berkeley, Calif.-----	22	13	-	1
Gary, Ind.-----	44	19	7	6	Fresno, Calif.-----	43	22	-	2
Grand Rapids, Mich.-----	48	35	2	5	Glendale, Calif.-----	33	28	2	-
Indianapolis, Ind.-----	180	113	6	11	Honolulu, Hawaii-----	50	26	2	2
Madison, Wis.-----	42	26	-	1	Long Beach, Calif.-----	67	44	3	7
Milwaukee, Wis.-----	132	84	4	3	Los Angeles, Calif.-----	533	342	15	19
Peoria, Ill.-----	37	26	1	-	Oakland, Calif.-----	72	41	2	2
Rockford, Ill.-----	27	16	3	-	Pasadena, Calif.-----	36	25	1	1
South Bend, Ind.-----	26	19	2	3	Portland, Oreg.-----	140	81	2	11
Toledo, Ohio-----	101	59	3	2	Sacramento, Calif.-----	65	38	2	3
Youngstown, Ohio-----	72	43	1	3	San Diego, Calif.-----	98	61	4	5
					San Francisco, Calif.-----	193	111	4	6
WEST NORTH CENTRAL:	882	530	22	53	San Jose, Calif.-----	48	36	1	1
Des Moines, Iowa-----	65	38	2	6	Seattle, Wash.-----	188	124	9	6
Duluth, Minn.-----	41	19	-	1	Spokane, Wash.-----	55	37	-	2
Kansas City, Kans*-----	39	20	2	5	Tacoma, Wash.-----	49	30	2	4
Kansas City, Mo.-----	138	87	2	7					
Lincoln, Nebr.-----	26	13	-	2	Total	12,779	7,385	469	671
Minneapolis, Minn.-----	114	71	1	6					
Omaha, Nebr.-----	98	59	1	5					
St. Louis, Mo.-----	236	143	7	13					
St. Paul, Minn.-----	67	44	-	5					
Wichita, Kans.-----	58	36	7	3					

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages ----- 79,744
 All Causes, Age 65 and over----- 45,963
 Pneumonia and Influenza, All Ages----- 3,258
 All Causes, Under 1 Year of Age----- 4,101

*Estimate - based on average percent of divisional total.

EPIDEMIOLOGIC NOTES AND REPORTS HEPATITIS ON ZUNI INDIAN RESERVATION

New Mexico — (Continued from page 46)

Cases among older children tended to occur early in the epidemic while cases among younger children had later onsets. Of 21 cases occurring on or before October 2, only 4 (19 percent) were in children from 0 to 4 years of age, while among the 30 cases occurring after October 2, 18 (60 percent) were in children between 0 and 4 years of age.

Thirty of the 51 cases were in children attending school, most of whom were in the lower grades, and 17 of the cases were in preschool children. However, there was no particular concentration in any elementary school and no particular aggregation of ill children in certain classrooms. Furthermore, those patients having histories of contact with a prior case had that contact away from school.

The occurrence of cases over an interval of nearly 4 months, together with the predominance of cases among children, suggests that the mode of transmission was person-to-person. The clustering of cases in children 7 years of age and younger appears to represent new susceptibles introduced into the community since 1960-61, the last epidemic year at this Reservation.

During the course of the epidemic, gamma globulin was administered to household contacts of each patient and to other children in the same classroom as the patient. More than 70 percent of the younger school children received globulin while only about 5 percent of the preschool group received it. It was observed that, as an increasing level of passive immunization among the older group was achieved, the proportion of cases among preschool children increased. Subsequently, the overall incidence declined. Thus, the administration of immune globulin chiefly among one segment of the susceptible population appears to have been important in limiting the epidemic.

(Reported by Dr. E.F. McIntyre, Assistant, Indian Health Area Director, Albuquerque Field Office, Division of Indian Health, Bureau of Medical Services, PHS; Dr. Richard W. Sauerman, Service Unit Director, USPHS Indian Hospital, Gallup, New Mexico; Dr. Thomas H. Tomlinson Jr., Associate Director, Human Factors, New Mexico Department of Public Health; and a team from CDC.)

ERRATUM: Vol. 16, No. 4, p. 25:

Virginia, not West Virginia, reported 133 measles cases (including delayed reports) for the week ending January 28, 1967.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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

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

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC 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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