



Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

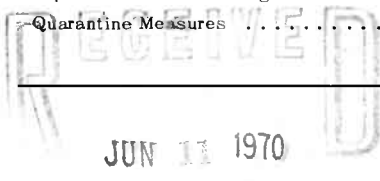
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INTERNATIONAL NOTES SMALLPOX - Nigeria

On Mar. 21, 1970, a case of smallpox was reported in a 14-year-old unvaccinated girl from Amayo village, Kwara State, Nigeria. This case was found to be part of a previously unrecognized outbreak in Amayo (Figure 1) in progress since October 1969. Fifty-seven cases had occurred prior to and one subsequent to her onset (Figure 2). The last case was in a person who developed symptoms of smallpox 8 days after vaccination on Mar. 27, 1970; a primary vaccination reaction developed concurrently. The other 58 patients had not been vaccinated. Of the 59 cases, 35 were in males and 24 in females, with 66.1 percent of the patients under 10 years of age (Table 1). During the investigation of this outbreak, five additional cases were uncovered in the nearby town of Ilorin, bringing the total to 64 cases.

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To date, no source of infection for the index case has been determined. A known outbreak had occurred in Kwara State in March-April 1969, but no link has been established between these outbreaks.

On March 24, control activities were begun in Amayo and Ilorin which included (1) vaccination using jet injectors
(Continued on page 214)

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

DISEASE	22nd WEEK ENDED		MEDIAN 1965 - 1969	CUMULATIVE, FIRST 22 WEEKS		
	June 6, 1970	May 31, 1969		1970	1969	MEDIAN 1965 - 1969
Aseptic meningitis	37	24	25	639	599	611
Brucellosis	4	9	5	81	72	93
Diphtheria	9	1	4	181	64	69
Encephalitis, primary:						
Arthropod-borne & unspecified	15	18	22	432	425	537
Encephalitis, post-infectious	12	9	18	202	127	361
Hepatitis, serum	162	78	543	2,940	2,196	17,890
Hepatitis, infectious	1,060	782		23,778	20,186	
Malaria	38	46	37	1,428	1,111	836
Measles (rubeola)	1,585	626	1,671	30,976	15,093	50,185
Meningococcal infections, total	36	55	55	1,375	1,824	1,780
Civilian	35	52	52	1,233	1,647	1,622
Military	1	3	3	142	177	158
Mumps	2,741	2,178	---	60,164	54,009	---
Poliomyelitis, total	---	---	1	2	2	10
Paralytic	---	---	1	2	2	9
Rubella (German measles)	1,800	2,216	---	42,159	37,244	---
Tetanus	4	3	4	44	51	53
Tularemia	2	2	3	40	52	62
Typhoid fever	8	9	5	95	119	121
Typhus, tick-borne (Rky. Mt. spotted fever)	17	27	11	59	76	43
Rabies in animals	53	52	60	1,374	1,645	1,905

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis:	14
Botulism:	1	Rabies in Man:	---
Leptosy: Cal.-1, Hawaii-1, Tex.-2	48	Rubella congenital syndrome: Fla.-1	35
Leptospirosis:	11	Trichinosis: Cal.-1, N.J.-4	51
Plague:	1	Typhus, murine:	9

*Delayed Reports: Trichinosis: Iowa 1

SMALLPOX - (Continued from front page)

Figure 1
MAP OF AREA WHERE OUTBREAK OCCURRED
OCTOBER 1969 - APRIL 1970

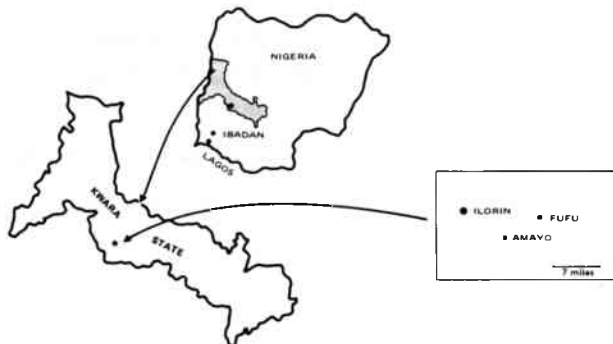


Figure 2
CASES OF SMALLPOX BY DATE OF ONSET OF
PRODROME BY 2-DAY INTERVALS
AMAYO VILLAGE AND SURROUNDING HAMLETS
OCTOBER 1969 - APRIL 1970

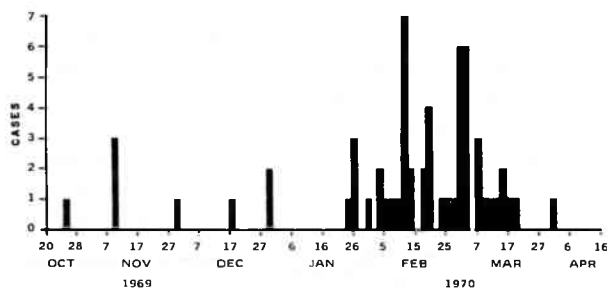


Table 1
Age-Sex Distribution of 59 Smallpox Cases
Amayo Village, Kwara State, Nigeria - 1970

Age	Male	Female	Total
<1	2	1	3
1-4	6	5	11
5-9	16	9	25
10-14	6	7	13
15-19	2	0	2
20-24	1	2	3
25+	2	0	2
Total	35	24	59

and multiple puncture techniques with bifurcated needles and (2) an active surveillance program with teams conducting house-to-house investigations for disease. Efforts to determine the source of the outbreak are continuing.

(Reported by E. Ademola Smith, M.D., Director, Nigeria Smallpox-Measles Program for the Permanent Secretary, Federal Ministry of Health, Nigeria; and the Smallpox Eradication Program, NCDC.)

DIPHTHERIA - United Kingdom

During 1969, a total of 17 cases of diphtheria with no deaths were recorded in the Registrar General's Weekly Returns for England and Wales, compared with 17 in 1968 and nine in 1967. There were no cases notified in Scotland in 1969, seven in 1968, and 12 in 1967.

Two cases of diphtheria associated with toxigenic mitis type *Corynebacterium diphtheriae* were reported by laboratories in 1969. One of these cases occurred in an unimmunized 5-year-old girl with sore throat. The other case was in a 6-year-old girl with tonsillitis. The organism was isolated from her throat swab. Extensive swabbing of 350 of her family and school contacts resulted in isolation of the organism from two other persons, the girl's sister who was asymptomatic and one of the sister's playmates who had mild tonsillitis. None of the three had been immunized. The two ill children were treated with penicillin but no antitoxin; their recovery was rapid and uneventful. In another incident, *C. diphtheriae* mitis type was isolated when routine nose and throat swabs were taken from six symptomless children of the same family who had

recently arrived from Malta. No other carriers were detected among their contacts, and no cases occurred.

Laboratories also reported seven cases in which *C. ulcerans* was isolated.

No cases of diphtheria were recorded by the Registrar General for England and Wales or Scotland in the first quarter of this year. Recently a London laboratory reported the isolation of toxigenic mitis type *C. diphtheriae* from the throat of a 39-year-old woman who complained of recurrent sore throat. The organism was also isolated from her 7-year-old son. Extensive swabbing (520 persons) revealed six other members of the family or school contacts of the child who were also carriers. None had clinical features of diphtheria. All child contacts were immunized.

(From notes based on reports to the Public Health Laboratory Service from Public Health and Hospital Laboratories in the United Kingdom and Republic of Ireland for the week ending Apr. 24, 1970, and published in the British Medical Journal dated May 9, 1970.)

QUARANTINE MEASURES

Changes in the "Supplement - United States Designated Yellow Fever Vaccination Center," MMWR, Vol. 18, No. 53

The following changes and additions should be made in the list of United States Designated Yellow Fever Vaccination Centers:

CALIFORNIA

Hollywood

World Wide Immunization Center
Change clinic hours to Tues. and
Fri., 5 p.m., by appointment

Los Angeles

Los Angeles Overseas Medical Center
Change clinic days to Mon.-Sat.

CONNECTICUT

New Haven

New Haven Health Dept.
Change clinic hours to 11-11:30 a.m.,
by appointment

COLORADO

Denver

Dept. of Health and Hospitals
Change telephone number to
893-7051

DISTRICT OF COLUMBIA

International Health Services Clinic
Change clinic days to Mon. and
Thurs.

ILLINOIS

Urbana

University of Illinois Health Service
Change telephone number to 217,
333-2716
Add by appointment to clinic hours

IOWA

Iowa City

University Hospital
Student Health Service
Change clinic hour to 10 a.m.
Change telephone number to 356-2247

MASSACHUSETTS

Boston

Logan International Airport
Change address to 2nd Floor, Tower
Bldg.
Add by appointment to clinic hours

Boston

Massachusetts Dept. of Public
Health
Change clinic hours to Mon., 2 p.m.
and Thurs., 10 a.m.

MICHIGAN

Kalamazoo

The UpJohn Company
Change telephone number to 616,
382-4000, Ext. 3241

MINNESOTA

Minneapolis

University Health Service
Change clinic hours to Fri., 1:30-
3 p.m.

Rochester

Mayo Clinic
Change area code to 507, change
clinic hours to Tues., 10:30 a.m.,
by appointment

NEW YORK

New Rochelle

New Rochelle Dept. of Public Health
Center closed - remove from list

New York

Maritime Medical Service
Delete by appointment and add Mon.-
Fri., 9 a.m.-5:30 p.m.; Sat.,
10 a.m.-1 p.m.
(closed July and August)

NORTH CAROLINA

Fayetteville

Cumberland County Health Dept.
Change telephone number to
483-9046
Change clinic hours to Mon.-Fri.,
8:30 a.m.-4:30 p.m.

Gastonia

Gaston County Health Dept.
Add by appointment only

OHIO

Cincinnati

Muhlberg Health Center
Change clinic hours to 9:30 a.m.

SOUTH CAROLINA

Clemson

Redfern Health Center
Add to address: South Palmetto Blvd.

TENNESSEE

Memphis

U.S. Public Health Service Out-
patient Clinic
Change address to Medical Center
Towers
969 Madison Ave.
Change telephone number to
278-3350

Nashville

Metro Health Department
Change clinic hour to Wed., 2 p.m.,
by special appointment

TEXAS

Amarillo

Bi-County Health Unit
Add Ext. 731 to telephone number

Dallas

City Health Dept.
Change telephone number to 214,
638-7670

El Paso

U.S. Quarantine Station
Change clinic hours to Fri., 2 p.m.,
by appointment

Freeport

City Health Office
Change Suite number to 103
Change clinic hours to Mon., Tues.,
Thurs., and Fri., 10 a.m.-12 noon
and 2-5 p.m.

Houston

Clarke and Williamson Clinic
Change telephone number to 713,
623-2400

(Continued on page 220)

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 6, 1970 AND MAY 31, 1969 (22nd WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1970	Cum. 1970
				1970	1969			1970	1970		
UNITED STATES.....	37	4	9	15	18	12	162	1,060	782	38	1,428
NEW ENGLAND.....	1	-	-	2	1	-	16	109	56	-	41
Maine.....	-	-	-	-	-	-	-	18	2	-	3
New Hampshire.....	-	-	-	-	-	-	-	4	1	-	-
Vermont.....	-	-	-	-	-	-	-	9	4	-	3
Massachusetts.....	-	-	-	1	-	-	1	51	19	-	22
Rhode Island.....	-	-	-	1	-	-	3	16	19	-	5
Connecticut.....	1	-	-	-	1	-	12	11	11	-	8
MIDDLE ATLANTIC.....	5	-	-	-	1	7	39	145	109	8	172
New York City.....	-	-	-	-	-	-	13	24	42	-	25
New York, Up-State...	-	-	-	-	-	-	3	31	20	5	47
New Jersey.*.....	5	-	-	-	-	-	21	60	15	1	44
Pennsylvania.....	-	-	-	-	1	7	2	30	32	2	56
EAST NORTH CENTRAL.....	4	-	-	5	10	3	25	172	134	4	78
Ohio.....	-	-	-	3	7	3	3	73	25	-	18
Indiana.....	-	-	-	-	1	-	-	20	9	-	5
Illinois.....	-	-	-	1	1	-	2	10	41	2	21
Michigan.....	4	-	-	1	1	-	20	59	49	2	34
Wisconsin.....	-	-	-	-	-	-	-	10	10	-	-
WEST NORTH CENTRAL.....	2	2	-	1	-	-	5	29	34	7	107
Minnesota.....	1	1	-	-	-	-	1	3	10	-	1
Iowa.*.....	1	1	-	-	-	-	-	7	5	-	7
Missouri.....	-	-	-	-	-	-	-	7	10	-	17
North Dakota.....	-	-	-	-	-	-	-	-	-	-	1
South Dakota.....	-	-	-	1	-	-	-	2	-	-	2
Nebraska.....	-	-	-	-	-	-	-	2	1	-	1
Kansas.....	-	-	-	-	-	-	4	8	8	7	78
SOUTH ATLANTIC.....	6	-	-	-	4	1	17	133	101	6	247
Delaware.....	-	-	-	-	-	-	1	3	1	-	1
Maryland.....	1	-	-	-	1	-	2	13	9	2	28
Dist. of Columbia...	-	-	-	-	-	-	1	-	-	-	2
Virginia.....	-	-	-	-	-	-	1	28	5	-	24
West Virginia.....	-	-	-	-	-	-	1	7	1	-	3
North Carolina.....	-	-	-	-	-	-	2	33	20	1	101
South Carolina.....	1	-	-	-	-	-	-	7	2	1	24
Georgia.....	-	-	-	-	-	-	-	13	19	2	45
Florida.....	4	-	-	-	3	1	9	29	44	-	19
EAST SOUTH CENTRAL.....	-	-	-	-	-	-	-	64	47	-	104
Kentucky.....	-	-	-	-	-	-	-	32	12	-	86
Tennessee.....	-	-	-	-	-	-	-	21	15	-	-
Alabama.*.....	-	-	-	-	-	-	-	8	8	-	11
Mississippi.....	-	-	-	-	-	-	-	3	12	-	7
WEST SOUTH CENTRAL.....	13	-	3	-	-	-	2	79	78	1	274
Arkansas.....	-	-	-	-	-	-	-	7	1	-	4
Louisiana.....	-	-	-	-	-	-	1	16	22	-	20
Oklahoma.....	-	-	-	-	-	-	-	-	1	1	35
Texas.....	13	-	3	-	-	-	1	56	54	-	215
MOUNTAIN.....	-	1	2	2	-	-	2	72	24	1	109
Montana.....	-	-	-	1	-	-	-	5	3	-	4
Idaho.....	-	1	-	-	-	-	-	1	-	-	3
Wyoming.....	-	-	-	-	-	-	-	-	1	-	-
Colorado.....	-	-	1	1	-	-	2	37	7	1	94
New Mexico.....	-	-	-	-	-	-	-	3	3	-	3
Arizona.....	-	-	1	-	-	-	-	17	5	-	2
Utah.....	-	-	-	-	-	-	-	9	5	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	6	1	4	5	2	1	56	257	199	11	296
Washington.....	-	-	2	-	-	-	-	28	18	-	14
Oregon.....	-	-	-	-	-	-	6	9	12	2	14
California.....	6	1	1	5	2	1	50	217	167	5	194
Alaska.*.....	---	---	---	---	---	---	---	---	1	---	-
Hawaii.....	-	-	1	-	-	-	-	3	1	4	74
Puerto Rico.*.....	-	-	-	-	-	-	-	22	16	-	1
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed Reports: Aseptic Meningitis: Hawaii 3

Brucellosis: Iowa 5

Hepatitis, Infectious: N.J. Delete 9, Ala. 1, Okla. 2, Alaska 2, P.R. 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 6, 1970 AND MAY 31, 1969 (22nd WEEK) CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1970	Cumulative		1970	Cumulative		1970	Cum. 1970	Total	Paralytic	
		1970	1969		1970	1969			1970	1970	Cum. 1970
UNITED STATES.....	1,585	30,976	15,093	36	1,375	1,824	2,741	60,164	-	-	2
NEW ENGLAND.....	62	621	724	4	63	59	254	7,320	-	-	-
Maine.....	14	87	4	1	2	5	14	608	-	-	-
New Hampshire.....	-	20	216	-	5	1	7	230	-	-	-
Vermont.....	-	2	2	1	6	-	11	544	-	-	-
Massachusetts *.....	40	393	116	-	27	27	96	2,358	-	-	-
Rhode Island.....	5	58	17	1	5	5	51	1,025	-	-	-
Connecticut.....	3	61	369	1	18	21	75	2,555	-	-	-
MIDDLE ATLANTIC.....	257	3,839	5,444	5	243	284	367	6,027	-	-	-
New York City.....	22	666	3,761	-	58	51	100	1,923	-	-	-
New York, Up-State...	9	169	466	1	48	46	NN	NN	-	-	-
New Jersey.....	38	1,482	603	3	94	124	88	1,749	-	-	-
Pennsylvania.....	188	1,522	614	1	43	63	179	2,355	-	-	-
EAST NORTH CENTRAL.....	488	7,462	1,552	3	157	238	792	15,542	-	-	-
Ohio.....	270	2,948	251	2	68	82	235	2,616	-	-	-
Indiana *.....	8	233	436	-	17	27	45	1,457	-	-	-
Illinois.....	77	2,623	288	1	35	39	88	1,435	-	-	-
Michigan.....	96	1,003	146	-	32	74	187	3,713	-	-	-
Wisconsin.....	37	655	431	-	5	16	237	6,321	-	-	-
WEST NORTH CENTRAL.....	55	2,582	441	3	72	96	182	3,373	-	-	1
Minnesota.....	1	35	2	2	10	17	6	307	-	-	-
Iowa.....	6	113	288	1	10	11	149	2,222	-	-	-
Missouri.....	9	1,064	16	-	45	44	5	103	-	-	1
North Dakota.....	38	302	7	-	3	-	5	246	-	-	-
South Dakota.....	1	77	1	-	-	1	-	10	-	-	-
Nebraska.....	-	919	123	-	3	9	7	352	-	-	-
Kansas.....	-	72	4	-	1	14	10	133	-	-	-
SOUTH ATLANTIC.....	267	5,948	2,058	2	291	323	279	6,350	-	-	-
Delaware.....	7	240	277	-	3	4	10	179	-	-	-
Maryland.....	45	1,221	32	-	31	31	41	561	-	-	-
Dist. of Columbia....	1	324	-	-	1	8	1	148	-	-	-
Virginia.....	81	1,592	824	1	27	37	46	1,494	-	-	-
West Virginia.....	21	245	156	1	6	14	67	1,610	-	-	-
North Carolina.....	30	632	195	-	62	56	NN	NN	-	-	-
South Carolina.....	6	441	100	-	32	46	24	617	-	-	-
Georgia.....	1	10	1	-	28	56	-	-	-	-	-
Florida.....	75	1,243	473	-	101	71	90	1,741	-	-	-
EAST SOUTH CENTRAL.....	41	781	78	6	106	110	107	3,468	-	-	-
Kentucky.....	10	379	43	-	36	38	12	1,275	-	-	-
Tennessee.....	24	280	15	6	46	40	85	1,973	-	-	-
Alabama.....	-	57	1	-	20	19	10	190	-	-	-
Mississippi.....	7	65	19	-	4	13	-	30	-	-	-
WEST SOUTH CENTRAL.....	229	6,791	3,469	6	192	258	246	6,109	-	-	1
Arkansas.....	1	29	16	-	16	27	2	87	-	-	-
Louisiana.....	8	78	103	1	50	70	2	19	-	-	-
Oklahoma.....	31	393	119	-	11	25	91	2,348	-	-	-
Texas.....	189	6,291	3,231	5	115	136	151	3,655	-	-	1
MOUNTAIN.....	48	1,202	512	2	23	34	72	2,631	-	-	-
Montana.....	-	15	8	1	1	4	5	498	-	-	-
Idaho.....	5	25	48	-	4	6	4	81	-	-	-
Wyoming.....	-	10	-	-	1	-	-	30	-	-	-
Colorado.....	7	126	104	-	5	6	10	837	-	-	-
New Mexico.....	10	145	176	-	-	6	35	551	-	-	-
Arizona.....	23	838	172	1	10	8	18	526	-	-	-
Utah.....	1	22	3	-	2	2	-	108	-	-	-
Nevada.....	2	21	1	-	-	2	-	-	-	-	-
PACIFIC.....	138	1,750	815	5	228	422	442	9,344	-	-	-
Washington.....	56	285	53	-	32	50	140	3,776	-	-	-
Oregon.....	11	177	172	-	17	10	40	756	-	-	-
California.....	66	1,140	565	5	178	343	220	3,751	-	-	-
Alaska *.....	---	77	6	---	-	11	---	345	---	---	-
Hawaii *.....	5	71	19	-	1	8	42	716	-	-	-
Puerto Rico.....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands.....	14	780	709	-	3	13	22	569	-	-	-
Delayed Reports:	-	6	10	-	1	-	-	1	-	-	-

Measles: Mass. Delete 50, Indiana Delete 1, Alaska 20
Meningococcal Infection: Indiana Delete 1
Mumps: Alaska 30, Hawaii 63

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 6, 1970 AND MAY 31, 1969 (22nd WEEK) CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970
UNITED STATES.....	1,800	42,159	4	44	2	40	8	95	17	59	53	1,374
NEW ENGLAND.....	78	1,921	-	3	-	-	1	5	-	-	4	54
Maine.....	24	323	-	-	-	-	-	-	-	-	3	15
New Hampshire.....	2	146	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	41	-	-	-	-	-	-	-	-	1	37
Massachusetts.....	37	907	-	2	-	-	-	3	-	-	-	1
Rhode Island.....	1	54	-	-	-	-	-	-	-	-	-	1
Connecticut.....	14	450	-	1	-	-	1	2	-	-	-	1
MIDDLE ATLANTIC.....	233	3,412	-	5	-	1	2	22	-	2	8	129
New York City.....	20	456	-	2	-	-	-	7	-	-	-	-
New York, Up-State..	7	320	-	-	-	1	2	7	-	-	6	122
New Jersey.....	35	759	-	2	-	-	-	2	-	1	-	-
Pennsylvania.....	171	1,877	-	1	-	-	-	6	-	1	2	7
EAST NORTH CENTRAL....	354	8,625	-	8	-	17	1	14	-	-	9	98
Ohio.....	131	1,728	-	-	-	2	-	5	-	-	3	34
Indiana.....	27	1,588	-	1	-	13	-	1	-	-	-	3
Illinois.....	74	1,417	-	3	-	2	1	3	-	-	4	29
Michigan.....	89	2,123	-	4	-	-	-	5	-	-	-	9
Wisconsin.....	33	1,769	-	-	-	-	-	-	-	-	2	23
WEST NORTH CENTRAL....	29	3,045	-	1	1	5	-	2	-	-	7	201
Minnesota.....	2	91	-	-	-	-	-	1	-	-	2	41
Iowa.....	17	1,945	-	-	-	-	-	1	-	-	1	34
Missouri.....	3	300	-	-	1	4	-	-	-	-	1	46
North Dakota.....	4	115	-	-	-	1	-	-	-	-	-	20
South Dakota.....	-	1	-	1	-	-	-	-	-	-	-	17
Nebraska.....	2	540	-	-	-	-	-	-	-	-	-	4
Kansas.....	1	53	-	-	-	-	-	-	-	-	3	39
SOUTH ATLANTIC.....	181	5,550	1	9	-	6	2	14	14	40	10	311
Delaware.....	-	39	-	-	-	-	-	-	1	3	-	1
Maryland.....	8	280	-	-	-	-	2	5	4	4	-	-
Dist. of Columbia...	-	15	-	1	-	-	-	-	-	-	-	-
Virginia.....	6	606	-	-	-	-	-	1	4	10	3	148
West Virginia.....	61	1,093	-	-	-	-	-	-	1	2	2	72
North Carolina.....	3	32	-	-	-	3	-	1	1	9	-	1
South Carolina.....	4	563	-	-	-	-	-	-	2	10	-	48
Georgia.....	-	-	-	1	-	2	-	5	1	2	4	41
Florida.....	99	2,922	1	7	-	1	-	2	-	-	1	120
EAST SOUTH CENTRAL....	64	1,997	-	4	-	2	-	5	-	5	7	70
Kentucky.....	1	648	-	-	-	1	-	1	-	-	4	34
Tennessee.....	57	1,043	-	1	-	1	-	1	-	4	3	16
Alabama.....	6	243	-	3	-	-	-	3	-	1	-	-
Mississippi.....	-	63	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL....	255	7,778	2	7	-	7	1	8	2	9	7	252
Arkansas.....	-	31	-	2	-	2	-	3	-	1	2	33
Louisiana.....	-	135	1	2	-	-	-	1	-	-	-	41
Oklahoma*.....	11	785	-	-	-	4	-	-	1	7	2	53
Texas.....	244	6,827	1	3	-	1	1	4	1	1	3	125
MOUNTAIN.....	69	1,625	-	-	1	2	-	5	1	3	-	51
Montana.....	2	276	-	-	-	-	-	1	-	-	-	-
Idaho.....	22	155	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	133	-	-	-	-	-	-	-	1	-	30
Colorado.....	19	301	-	-	-	-	-	1	1	2	-	9
New Mexico.....	5	159	-	-	-	-	-	3	-	-	-	11
Arizona.....	21	454	-	-	-	-	-	-	-	-	-	-
Utah.....	-	147	-	-	1	2	-	-	-	-	-	1
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	537	8,206	1	7	-	-	1	20	-	-	1	158
Washington.....	257	4,201	-	1	-	-	1	2	-	-	1	1
Oregon.....	41	553	1	3	-	-	-	-	-	-	-	156
California.....	235	3,196	-	3	-	-	-	16	-	-	-	-
Alaska*.....	-	88	-	-	-	-	-	1	-	-	-	-
Hawaii*.....	4	168	-	-	-	-	-	1	-	-	-	-
Puerto Rico.....	1	23	-	4	-	-	-	2	-	-	-	21
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-	-

*Delayed Reports: Rubella: Nebraska 12, Alaska 10, Hawaii 6
Typhus Fever Tick-Borne (Rky. Mt. Spotted): Okla. 3

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 6, 1970

(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:	708	418	44	28	SOUTH ATLANTIC:	1,083	569	40	44
Boston, Mass.-----	228	116	11	12	Atlanta, Ga.-----	92	50	4	1
Bridgeport, Conn.-----	42	21	2	-	Baltimore, Md.-----	236	114	3	8
Cambridge, Mass.-----	24	17	4	-	Charlotte, N. C.-----	51	27	-	4
Fall River, Mass.-----	26	19	3	-	Jacksonville, Fla.-----	84	42	1	5
Hartford, Conn.-----	46	23	-	2	Miami, Fla.-----	123	62	1	5
Lowell, Mass.-----	33	24	3	3	Norfolk, Va.-----	49	21	5	3
Lynn, Mass.-----	26	18	-	-	Richmond, Va.-----	100	49	5	7
New Bedford, Mass.-----	31	17	3	2	Savannah, Ga.-----	31	20	-	-
New Haven, Conn.-----	47	27	1	1	St. Petersburg, Fla.-----	77	65	2	1
Providence, R. I.-----	59	35	4	2	Tampa, Fla.-----	62	35	9	2
Somerville, Mass.-----	8	6	1	-	Washington, D. C.-----	121	67	8	3
Springfield, Mass.-----	46	32	8	2	Wilmington, Del.-----	57	17	2	5
Waterbury, Conn.-----	38	23	1	2					
Worcester, Mass.-----	54	40	3	2	EAST SOUTH CENTRAL:	677	349	31	31
MIDDLE ATLANTIC:	3,280	1,917	133	148	Birmingham, Ala.-----	86	47	2	8
Albany, N. Y.-----	55	38	1	4	Chattanooga, Tenn.-----	70	38	7	2
Allentown, Pa.-----	30	17	4	1	Knoxville, Tenn.-----	33	20	1	-
Buffalo, N. Y.-----	178	119	2	8	Louisville, Ky.-----	144	72	10	6
Camden, N. J.-----	57	28	-	4	Memphis, Tenn.-----	142	71	2	6
Elizabeth, N. J.-----	29	20	2	1	Mobile, Ala.-----	39	20	-	3
Erie, Pa.-----	51	33	6	1	Montgomery, Ala.-----	42	22	4	3
Jersey City, N. J.-----	63	40	6	1	Nashville, Tenn.-----	121	59	5	3
Newark, N. J.-----	89	30	7	8					
New York City, N. Y.†	1,521	893	55	67	WEST SOUTH CENTRAL:	1,264	611	31	88
Paterson, N. J.-----	53	33	6	5	Austin, Tex.-----	41	21	2	3
Philadelphia, Pa.-----	494	279	11	27	Baton Rouge, La.-----	54	30	1	6
Pittsburgh, Pa.-----	235	129	14	8	Corpus Christi, Tex.-----	35	17	-	2
Reading, Pa.-----	57	34	-	-	Dallas, Tex.-----	151	69	3	12
Rochester, N. Y.-----	122	87	7	3	El Paso, Tex.-----	56	29	4	5
Schenectady, N. Y.-----	25	17	2	-	Fort Worth, Tex.-----	99	55	2	4
Scranton, Pa.-----	36	20	1	1	Houston, Tex.-----	226	100	4	4
Syracuse, N. Y.-----	95	49	1	4	Little Rock, Ark.-----	60	28	1	7
Trenton, N. J.-----	33	20	2	3	New Orleans, La.-----	167	91	1	14
Utica, N. Y.-----	26	16	5	-	Oklahoma City, Okla.-----	110	50	1	5
Yonkers, N. Y.-----	31	15	1	2	San Antonio, Tex.-----	149	62	2	16
					Shreveport, La.-----	55	31	6	4
					Tulsa, Okla.-----	61	28	4	6
EAST NORTH CENTRAL:	2,520	1,448	60	119					
Akron, Ohio-----	77	48	-	7	MOUNTAIN:	490	282	29	29
Canton, Ohio-----	40	24	-	4	Albuquerque, N. Mex.-----	35	17	5	1
Chicago, Ill.-----	619	320	8	29	Colorado Springs, Colo.-----	47	26	8	6
Cincinnati, Ohio-----	137	99	7	8	Denver, Colo.-----	125	70	6	10
Cleveland, Ohio-----	215	137	5	6	Ogden, Utah-----	22	13	-	2
Columbus, Ohio-----	139	71	-	4	Phoenix, Ariz.-----	129	76	2	4
Dayton, Ohio-----	79	48	-	1	Pueblo, Colo.-----	15	9	5	-
Detroit, Mich.-----	329	179	5	21	Salt Lake City, Utah-----	61	41	2	3
Evansville, Ind.-----	36	24	2	2	Tucson, Ariz.-----	56	30	1	3
Flint, Mich.-----	57	30	3	4					
Fort Wayne, Ind.-----	43	29	2	2	PACIFIC:	1,466	869	22	64
Gary, Ind.-----	68	34	5	1	Berkeley, Calif.-----	16	12	-	-
Grand Rapids, Mich.-----	72	50	6	2	Fresno, Calif.-----	38	17	-	4
Indianapolis, Ind.-----	139	83	3	8	Glendale, Calif.-----	32	27	2	-
Madison, Wis.-----	25	11	1	4	Honolulu, Hawaii-----	47	21	2	4
Milwaukee, Wis.-----	131	85	5	2	Long Beach, Calif.-----	87	48	1	1
Peoria, Ill.-----	31	17	2	2	Los Angeles, Calif.-----	410	238	8	19
Rockford, Ill.-----	32	22	2	1	Oakland, Calif.-----	61	33	2	1
South Bend, Ind.-----	49	29	2	1	Pasadena, Calif.-----	44	35	1	1
Toledo, Ohio-----	110	58	2	6	Portland, Ore.-----	135	90	-	2
Youngstown, Ohio-----	92	50	-	4	Sacramento, Calif.-----	56	38	-	-
					San Diego, Calif.-----	86	45	2	10
WEST NORTH CENTRAL:	868	545	22	43	San Francisco, Calif.-----	165	95	4	2
Des Moines, Iowa-----	48	28	2	3	San Jose, Calif.-----	37	22	-	2
Duluth, Minn.-----	24	18	3	-	Seattle, Wash.-----	176	103	-	15
Kansas City, Kans.-----	42	24	2	5	Spokane, Wash.-----	31	18	-	1
Kansas City, Mo.-----	145	97	2	9	Tacoma, Wash.-----	45	27	-	2
Lincoln, Nebr.-----	36	24	-	1					
Minneapolis, Minn.-----	102	71	5	8	Total	12,356	7,008	412	594
Omaha, Nebr.-----	103	67	1	2	Expected Number	12,386	7,152	374	489
St. Louis, Mo.-----	247	133	3	9	Cumulative Total	295,655	170,069	12,915	13,422
St. Paul, Minn.-----	75	52	1	5	(includes reported corrections for previous weeks)				
Wichita, Kans.-----	46	31	3	1					
Las Vegas, Nev.*	-	-	-	-					

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

Delayed report for week ended May 30, 1970.

QUARANTINE MEASURES - (Continued from page 215)

San Antonio Minter Clinic
 To clinic hours add Mon.-Fri.,
 9 a.m.-5 p.m.; Sat., 9 a.m.-12 noon

Victoria County Health Dept.
 Change address to 107 W. River
 77901
 Change telephone number to 214,
 575-0573

VIRGINIA
 Lynchburg Bureau of Public Health
 Add Ext. 34 to telephone number
 Change clinic hour to 3:30 p.m.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 21,000 IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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NATIONAL COMMUNICABLE DISEASE CENTER
 ATTN: THE EDITOR
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 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 AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

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