

# Morbidity and Mortality



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

DATE OF RELEASE: APRIL 30, 1971 - ATLANTA, GEORGIA 30333

**SURVEILLANCE SUMMARY**  
**MEASLES - United States, 1970-71**

The incidence of measles in the United States has continued to increase (Figure 1). In the 4 weeks since the last measles surveillance summary, 13,016 new cases have been reported. This is the highest incidence in any 4-week period since the drive to eradicate measles began in 1966. A total of 43,916 cases have now been reported in the current epidemiologic year (EY)\*.

The basis for the continuing spread of measles appears to be lack of immunization of susceptible children. The United States Immunization Survey indicates that measles immunization levels in children have been declining since mid-1969 (MMWR, Vol. 20, No. 13).

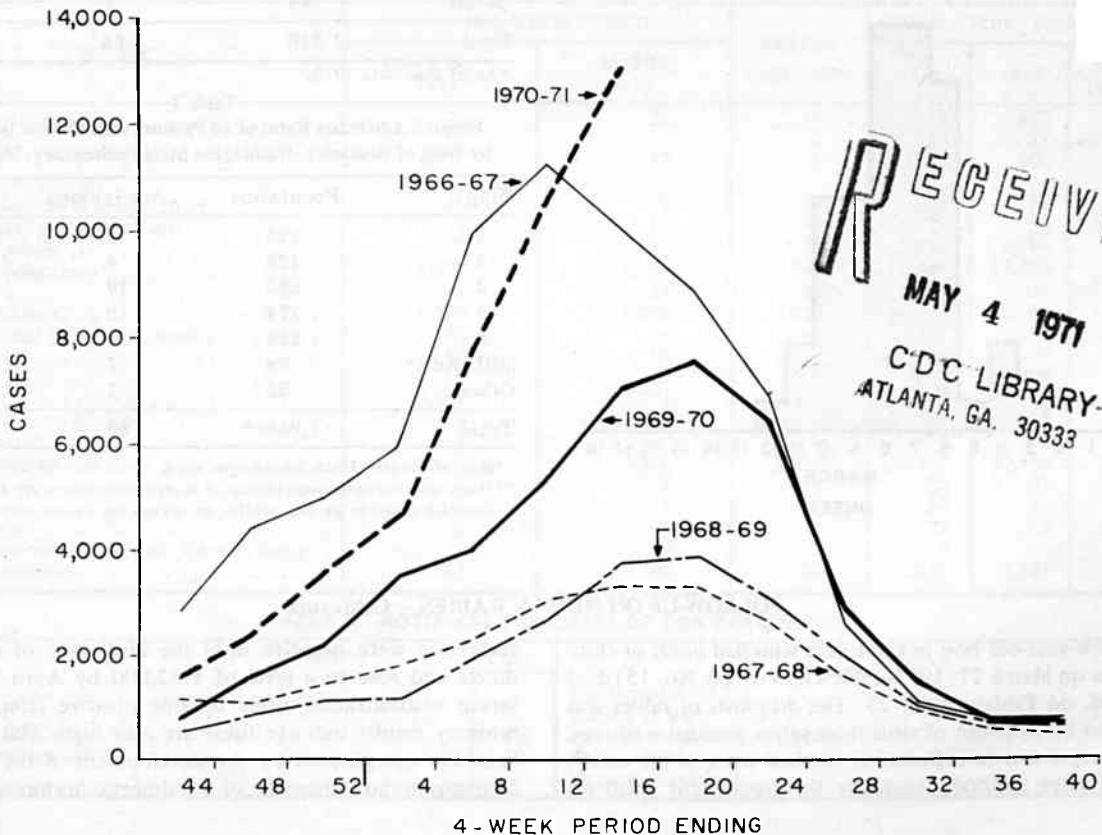
\*The measles epidemiologic year (EY) begins with the calendar week 41 and ends with week 40 of the following year.

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*(Reported by the Field Services Branch, Epidemiology Program, and the Immunization Branch, State and Community Services Division, CDC.)*

**Figure 1**  
**REPORTED CASES OF MEASLES, BY 4-WEEK PERIODS, USA, EPIDEMIOLOGIC YEAR 1970-71,**  
**COMPARED WITH 1966-67, 1967-68, 1968-69, AND 1969-70**



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## EPIDEMIOLOGIC NOTES AND REPORTS

## INFLUENZA - Washington

Between March 3 and March 12, 1971, 66 male residents of the Washington State Penitentiary (population 1,310) at Walla Walla were admitted to the prison hospital with an influenza-like illness (Figure 2). All had morning fever greater than 99°F. or evening fever greater than 100°F., 82 percent had cough, 76 percent had headache, and 74 percent had myalgia (Table 1). Influenza A/2 virus was isolated from throat specimens from 10 men shortly after the onset of illness; the isolates were confirmed as A/2 Hong Kong-like. Serologic evidence of recent infection was found in 20 of 22 paired sera from hospitalized patients.

Table 2 shows age specific admission rates, and Table 3 shows admission rates by wing of residence. Wings 6, 7, and 8 all contain four-man cells, and these wings had more than twice the admission rates noted in wings 4 and 5, which house only one man per cell. The highest admission rate occurred in the Mental Health Unit-Admission area where there is frequent close contact among residents.

Prior to March 3, there had been rumors of a few cases of influenza in prison staff and in residents of a minimum security facility outside the prison walls, but none of these suspected cases were clinically diagnosed. There has been no evidence of increased influenza activity in Walla Walla or the surrounding communities. In January 1968, an epidemic of influenza A/2 occurred in the prison and resulted in the hospitalization of 196 residents.

(Reported by C. E. Heffron, M.D., and Q. Bradley Cutshall, M.D., physicians, Washington State Penitentiary, Walla Walla;

Kenneth E. Fry, M.D., Health Officer, Walla Walla County-City Health Department; Vernon Ashby, B.S., and Fred Christman, B.S., Washington State Division of Health Laboratories; Byron J. Francis, M.D., Chief, Office of Epidemiology, Washington State Department of Social and Health Services; the Laboratory Division, CDC; and an EIS Officer.)

Table 1  
Symptoms of 62 Patients with Clinical Influenza  
Washington State Penitentiary, March 1971

Symptom	Percent
Fever	100
Cough	82
Headache	76
Myalgia	74
Chills	57
Sore throat	53
Substernal pain	50
Coryza	45
Orbital pain	29
Epistaxis	13
Dizziness	10

Table 2  
Hospital Admission Rates of 66 Patients with Clinical Influenza,  
by Age Group, Washington State Penitentiary, March 1971

Age	Prison Population*	Admitted to Hospital	Rate (%)
< 30	381	27	7.1
30-39	470	20	4.3
40-49	269	7	2.6
50-59	139	9	6.5
≥ 60	48	3	6.3
Total	1,310	66	5.0

\*As of Dec. 31, 1970.

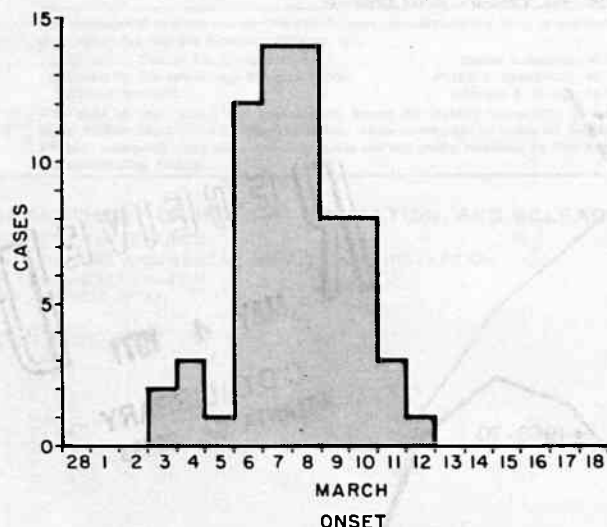
Table 3  
Hospital Admission Rates of 66 Patients with Clinical Influenza,  
by Wing of Residence, Washington State Penitentiary, March 1971

Wing	Population	Admissions	Rate (%)
4	123	4	3.3
5	123	4	3.3
6	263	19	7.2
7	174	12	6.9
8	256	19	7.4
MHU-Adm*	88	7	8.0
Other	59	1	
Total	1,086**	66	

\*Mental Health Unit-Admission area.

\*\*Does not include population of a minimum security facility, located outside prison walls, in which no cases occurred.

Figure 2  
66 INFLUENZA CASES, BY DATE OF ONSET  
WASHINGTON STATE PENITENTIARY, MARCH 1971



## FOLLOW-UP ON HUMAN RABIES - California

The 6-year-old boy in California who had onset of clinical rabies on March 27, 1971, (MMWR, Vol. 20, No. 15) died at 2 A.M. on Friday, April 23. The diagnosis of rabies was confirmed by isolation of virus from saliva, corneal washings, and urinary sediment collected in the first week of the child's illness. Rabies antibody titers by the fluorescent antibody

technique were negative until the ninth day of the child's illness and rose to a level of 1:32,000 by April 19. Rabies serum neutralization titers became positive later, and preliminary results indicate these are also high. The child's illness was complicated by the development of the syndrome of inappropriate secretion of antidiuretic hormone, followed

by severe diabetes insipidus. Initial autopsy results indicate that the immediate cause of death was thrombosis of the superior vena cava.

(Reported by Dilip Bhatt, M.D., Fellow, Robert Gerdsen, M.D., attending physician, Edward Duffie, M.D., Chief of

Staff, Children's Hospital, Oakland, California; Harald Johnson, M.D., Richard Emmons, M.D., California State Viral and Rickettsial Diseases Laboratory, James Chin, M.D., Chief, Bureau of Communicable Disease Control, California Department of Public Health; and an EIS Officer.)

RECOMMENDATION OF THE PUBLIC HEALTH SERVICE  
ADVISORY COMMITTEE ON IMMUNIZATION PRACTICES

COMBINATION LIVE VIRUS VACCINES

Measles and Rubella

Measles, Mumps and Rubella

The Committee notes the recent licensure of two vaccines combining already available strains of live, attenuated viruses. The newly licensed combinations of measles and rubella vaccine\* and of measles, mumps, and rubella vaccine\*\* extend the range of products available for routine immunization.

Data indicate that antibody response to each component of these combination vaccines is comparable with antibody response to the individual vaccines given separately. There is no evidence that adverse reactions to the combined products occur more frequently or are more severe than known reactions to the individual vaccines (see pertinent ACIP recommendations). The obvious convenience of giving already selected antigens in combined form should encourage consideration of using these products when appropriate.

Current recommendations on the use of live, attenuated virus vaccines state that whenever possible, the antigens

should be administered separately, approximately 1 month apart. This is to obviate all the theoretical risks attached to their combined use, acknowledging the limited amount of relevant scientific evidence to eliminate such questions.

Now that specific combined preparations have been carefully evaluated in field studies and subsequently licensed for general use, the restriction on giving these particular antigens simultaneously is no longer relevant. Accordingly, as an alternative to using combination vaccines, two or all three individual vaccines containing the same virus strains available in combined form (further attenuated measles, rubella, mumps) may be given by separate injections on the same occasion. Previously stated recommendations on other live virus antigens, however, still apply.

April 1971

\*Official name: Measles and Rubella Virus Vaccine, Live.

\*\*Official name: Measles, Mumps and Rubella Virus Vaccine, Live.

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

DISEASE	16th WEEK ENDED		MEDIAN 1966 - 1970	CUMULATIVE, FIRST 16 WEEKS		
	April 24, 1971	April 25, 1970		1971	1970	MEDIAN 1966 - 1970
Aseptic meningitis . . . . .	28	24	26	754	423	449
Brucellosis . . . . .	3	-	4	40	52	52
Diphtheria . . . . .	1	12	3	60	106	48
Encephalitis, primary:						
Arthropod-borne & unspecified . . . . .	25	17	23	340	318	318
Encephalitis, post-infectious . . . . .	2	12	14	93	128	144
Hepatitis, serum . . . . .	207	137	73	2,624	2,084	1,177
Hepatitis, infectious . . . . .	1,074	1,148	799	19,203	17,392	13,331
Malaria . . . . .	43	34	37	1,173	1,035	703
Measles (rubeola) . . . . .	3,309	1,810	1,810	36,608	20,290	20,290
Meningococcal infections, total . . . . .	76	66	66	1,081	1,109	1,205
Civilian . . . . .	60	58	58	918	989	1,090
Military . . . . .	16	8	7	163	120	117
Mumps . . . . .	3,361	2,732	-	58,427	43,127	-
Poliomyelitis, total . . . . .	1	-	-	5	2	5
Paralytic . . . . .	1	-	-	4	2	5
Rubella (German measles) . . . . .	1,673	3,038	2,000	20,967	27,474	21,388
Tetanus . . . . .	2	3	3	22	27	34
Tularemia . . . . .	1	1	1	27	31	32
Typhoid fever . . . . .	1	4	7	73	68	75
Typhus, tick-borne (Rky. Mt. spotted fever) . . . . .	1	2	1	8	5	6
Rabies in animals . . . . .	111	60	90	1,432	1,141	1,243

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: . . . . .	-	Psittacosis: N.J.-1 . . . . .	11
Botulism: . . . . .	-	Rabies in Man: . . . . .	1
Leprosy: Calif.-4 . . . . .	40	Rubella congenital syndrome: . . . . .	24
Leptospirosis: Calif.-1 . . . . .	10	Trichinosis: . . . . .	27
Plague: . . . . .	-	Typhus, murine: . . . . .	2

## Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED  
APRIL 24, 1971 AND APRIL 25, 1970 (16th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1971	Cum. 1971
				1971	1970	1971	1971	1971	1970		
UNITED STATES.....	28	3	1	25	17	2	207	1,074	1,148	43	1,173
NEW ENGLAND.....	-	-	-	2	1	-	8	59	109	1	41
Maine.....	-	-	-	-	-	-	-	8	15	-	2
New Hampshire.....	-	-	-	-	-	-	-	2	6	-	1
Vermont.....	-	-	-	-	-	-	-	5	18	-	1
Massachusetts.....	-	-	-	-	-	-	3	18	38	1	30
Rhode Island.....	-	-	-	2	-	-	2	9	13	-	3
Connecticut.....	-	-	-	-	1	-	3	17	19	-	4
MIDDLE ATLANTIC.....	-	-	-	3	5	-	97	208	252	4	114
New York City.....	-	-	-	-	2	-	49	68	77	-	11
New York, Up-State...	-	-	-	1	2	-	14	31	70	3	27
New Jersey.....	-	-	-	-	-	-	24	80	61	1	53
Pennsylvania.....	-	-	-	2	1	-	10	29	44	-	23
EAST NORTH CENTRAL.....	4	-	-	9	1	-	25	168	201	-	50
Ohio.....	-	-	-	1	-	-	3	37	52	-	12
Indiana.*.....	1	-	-	2	-	-	-	11	18	-	3
Illinois.....	-	-	-	2	-	-	4	17	27	-	11
Michigan.....	3	-	-	3	1	-	18	88	95	-	17
Wisconsin.....	-	-	-	1	-	-	-	15	9	-	7
WEST NORTH CENTRAL.....	1	1	-	-	-	-	2	50	49	5	93
Minnesota.....	1	-	-	-	-	-	-	12	6	1	12
Iowa.....	-	1	-	-	-	-	-	8	5	-	9
Missouri.....	-	-	-	-	-	-	1	19	24	-	18
North Dakota.....	-	-	-	-	-	-	-	1	1	-	-
South Dakota.....	-	-	-	-	-	-	-	1	1	-	-
Nebraska.....	-	-	-	-	-	-	-	5	4	-	6
Kansas.....	-	-	-	-	-	-	1	4	8	4	48
SOUTH ATLANTIC.....	5	1	-	-	1	2	22	155	97	14	179
Delaware.....	-	-	-	-	-	-	1	3	3	-	1
Maryland.....	-	-	-	-	-	1	3	17	13	1	27
Dist. of Columbia....	-	-	-	-	-	-	1	1	2	-	-
Virginia.....	-	-	-	-	-	-	1	30	21	-	22
West Virginia.....	-	-	-	-	-	-	-	6	14	-	6
North Carolina.....	-	-	-	-	1	-	12	26	13	9	60
South Carolina.....	1	-	-	-	-	-	-	11	7	1	9
Georgia.....	-	1	-	-	-	-	-	7	19	3	32
Florida.....	4	-	-	-	-	1	4	54	5	-	22
EAST SOUTH CENTRAL.....	4	-	-	2	2	-	4	41	79	1	103
Kentucky.....	1	-	-	2	1	-	-	11	35	1	87
Tennessee.....	2	-	-	-	-	-	2	22	30	-	-
Alabama.....	1	-	-	-	1	-	2	4	9	-	14
Mississippi.....	-	-	-	-	-	-	-	4	5	-	2
WEST SOUTH CENTRAL.....	3	1	-	-	3	-	7	102	97	6	286
Arkansas.....	-	-	-	-	-	-	-	3	2	2	11
Louisiana.....	-	-	-	-	-	-	1	7	14	-	29
Oklahoma.*.....	-	-	-	-	3	-	3	19	10	3	41
Texas.....	3	1	-	-	-	-	3	73	71	1	205
MOUNTAIN.....	2	-	-	3	-	-	4	77	36	1	75
Montana.....	1	-	-	2	-	-	-	1	1	-	1
Idaho.....	1	-	-	-	-	-	-	9	4	-	2
Wyoming.....	-	-	-	-	-	-	-	6	-	-	1
Colorado.....	-	-	-	1	-	-	-	17	15	-	54
New Mexico.....	-	-	-	-	-	-	-	11	6	1	6
Arizona.....	-	-	-	-	-	-	2	21	9	-	7
Utah.....	-	-	-	-	-	-	2	11	1	-	3
Nevada.....	-	-	-	-	-	-	-	1	-	-	1
PACIFIC.....	9	-	1	6	4	-	38	214	228	11	232
Washington.....	-	-	1	-	2	-	-	11	19	-	1
Oregon.....	-	-	-	-	-	-	-	32	19	-	6
California.....	9	-	-	6	2	-	37	167	186	10	199
Alaska.....	-	-	-	-	-	-	-	2	4	1	3
Hawaii.....	-	-	-	-	-	-	1	2	-	-	23
Puerto Rico.*.....	-	-	-	-	-	-	-	19	8	1	3
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

\* Delayed reports: Brucellosis: Okla. 1 (1970)  
Hepatitis, infectious: N.H. 2 (1970), Ind. delete 2,  
Okla. 7, P.R. 3

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 24, 1971 AND APRIL 25, 1970 (16th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1971	Cumulative		1971	Cumulative		1971	Cum. 1971	Total		Paralytic
		1971	1970		1971	1970			1971	1971	
UNITED STATES.....	3,309	36,608	20,290	76	1,081	1,109	3,361	58,427	1	1	4
NEW ENGLAND.....	127	1,365	292	1	44	42	249	3,512	-	-	-
Maine.....	43	632	5	1	6	-	39	629	-	-	-
New Hampshire.....	6	94	15	-	4	3	100	449	-	-	-
Vermont.....	1	58	1	-	-	5	-	-	-	-	-
Massachusetts.....	16	199	220	-	18	16	33	856	-	-	-
Rhode Island.....	2	33	15	-	2	3	39	815	-	-	-
Connecticut.....	59	349	36	-	14	15	38	763	-	-	-
MIDDLE ATLANTIC.....	397	3,828	2,787	9	137	190	209	3,963	-	-	-
New York City.....	176	2,235	478	-	24	46	88	776	-	-	-
New York, Up-State...	16	271	114	4	38	38	NN	NN	-	-	-
New Jersey.....	68	421	1,104	2	36	70	42	1,117	-	-	-
Pennsylvania.....	137	901	1,091	3	39	36	79	2,070	-	-	-
EAST NORTH CENTRAL.....	547	7,124	4,510	4	110	128	1,157	23,819	-	-	-
Ohio.....	139	2,319	1,724	1	29	57	182	4,671	-	-	-
Indiana.....	120	1,100	172	1	8	12	243	3,344	-	-	-
Illinois.....	101	1,702	1,752	-	34	30	39	2,439	-	-	-
Michigan.....	73	643	489	1	31	25	224	5,563	-	-	-
Wisconsin.....	114	1,360	373	1	8	4	469	7,802	-	-	-
WEST NORTH CENTRAL.....	675	3,563	1,990	6	98	57	181	3,794	-	-	-
Minnesota.....	2	46	24	1	14	6	16	645	-	-	-
Iowa.....	374	1,239	73	1	7	7	107	2,054	-	-	-
Missouri.....	122	1,172	699	2	36	39	8	531	-	-	-
North Dakota.....	17	133	219	-	2	2	4	204	-	-	-
South Dakota.....	15	182	64	-	5	-	10	154	-	-	-
Nebraska.....	4	21	871	-	11	2	2	55	-	-	-
Kansas.....	141	770	40	2	23	1	34	151	-	-	-
SOUTH ATLANTIC.....	356	3,870	3,679	10	167	247	305	4,103	-	-	1
Delaware.....	-	14	180	-	1	3	4	75	-	-	-
Maryland.....	8	59	747	1	25	24	13	351	-	-	-
Dist. of Columbia...	-	4	307	-	7	1	5	60	-	-	-
Virginia.....	30	827	955	1	16	21	31	497	-	-	-
West Virginia.....	27	256	119	-	2	5	73	1,136	-	-	-
North Carolina.....	101	1,290	377	3	25	50	NN	NN	-	-	-
South Carolina.....	135	554	318	2	16	23	79	584	-	-	-
Georgia.....	4	162	4	-	11	27	-	1	-	-	1
Florida.....	51	704	672	3	64	93	100	1,399	-	-	-
EAST SOUTH CENTRAL.....	362	5,002	352	14	94	85	385	4,783	-	-	-
Kentucky.....	267	2,539	184	6	29	30	128	1,745	-	-	-
Tennessee.....	57	417	122	4	32	33	232	2,417	-	-	-
Alabama.....	4	738	24	2	20	17	17	537	-	-	-
Mississippi.....	34	1,308	22	2	13	5	8	84	-	-	-
WEST SOUTH CENTRAL.....	452	8,262	4,853	2	94	166	301	4,512	-	-	1
Arkansas.....	1	249	19	-	3	15	1	37	-	-	-
Louisiana.....	77	1,196	50	2	32	44	10	99	-	-	-
Oklahoma.....	33	625	180	-	6	10	3	126	-	-	-
Texas.....	341	6,192	4,604	-	53	97	287	4,250	-	-	1
MOUNTAIN.....	163	1,748	850	1	29	17	94	2,357	-	-	-
Montana.....	67	661	14	-	2	-	11	272	-	-	-
Idaho.....	-	153	8	-	2	3	5	103	-	-	-
Wyoming.....	-	43	-	-	-	1	-	99	-	-	-
Colorado.....	60	473	90	1	5	5	27	763	-	-	-
New Mexico.....	24	203	115	-	2	-	15	381	-	-	-
Arizona.....	6	140	603	-	8	6	36	655	-	-	-
Utah.....	6	72	13	-	9	2	-	84	-	-	-
Nevada.....	-	3	7	-	1	-	-	-	-	-	-
PACIFIC.....	230	1,846	977	29	308	177	480	7,584	1	1	2
Washington.....	64	512	97	-	13	20	211	3,561	1	1	1
Oregon.....	19	166	120	-	18	15	55	756	-	-	1
California.....	139	1,112	712	29	274	141	192	2,793	-	-	-
Alaska.....	-	8	2	-	-	-	2	58	-	-	-
Hawaii.....	8	48	46	-	3	1	20	416	-	-	-
Puerto Rico.....	15	120	657	-	-	2	58	479	-	-	-
Virgin Islands.....	-	5	5	-	-	1	1	3	-	-	-

\*Delayed reports: Measles: Mass. delete 21, N.C. delete 3  
Meningococcal infections: Ind. delete 1  
Mumps: Me.6



# Morbidity and Mortality Weekly Report

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Week No. **TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED APRIL 24, 1971**

16

(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		
<b>NEW ENGLAND:</b>	737	452	44	31	<b>SOUTH ATLANTIC:</b>	1,295	674	57	47
Boston, Mass.-----	217	115	8	7	Atlanta, Ga.-----	133	70	7	4
Bridgeport, Conn.-----	43	26	7	5	Baltimore, Md.-----	253	129	5	6
Cambridge, Mass.-----	29	22	5	1	Charlotte, N. C.-----	54	33	—	—
Fall River, Mass.-----	41	28	2	—	Jacksonville, Fla.-----	131	56	7	10
Hartford, Conn.-----	66	35	3	5	Miami, Fla.-----	139	75	4	2
Lowell, Mass.-----	25	18	2	1	Norfolk, Va.-----	42	17	4	5
Lynn, Mass.-----	23	14	—	1	Richmond, Va.-----	91	36	3	3
New Bedford, Mass.-----	27	17	2	1	Savannah, Ga.-----	37	20	6	2
New Haven, Conn.-----	52	33	1	3	St. Petersburg, Fla.-----	99	86	5	—
Providence, R. I.-----	64	39	3	3	Tampa, Fla.-----	83	42	5	5
Somerville, Mass.-----	14	10	1	1	Washington, D. C.-----	176	78	9	10
Springfield, Mass.-----	48	33	5	1	Wilmington, Del.-----	57	32	2	—
Waterbury, Conn.-----	23	13	—	1	<b>EAST SOUTH CENTRAL:</b>	695	367	36	34
Worcester, Mass.-----	65	49	5	1	Birmingham, Ala.-----	124	72	4	7
<b>MIDDLE ATLANTIC:</b>	3,151	1,901	149	89	Chattanooga, Tenn.-----	62	35	6	1
Albany, N. Y.-----	48	27	1	5	Knoxville, Tenn.-----	42	24	1	—
Allentown, Pa.-----	29	19	2	—	Louisville, Ky.-----	121	57	9	7
Buffalo, N. Y.-----	163	103	3	4	Memphis, Tenn.-----	141	62	7	10
Camden, N. J.-----	44	28	2	2	Mobile, Ala.-----	60	27	2	4
Elizabeth, N. J.-----	29	18	1	—	Montgomery, Ala.-----	56	36	4	4
Erie, Pa.-----	51	29	5	3	Nashville, Tenn.-----	89	54	3	1
Jersey City, N. J.-----	75	44	5	7	<b>WEST SOUTH CENTRAL:</b>	1,111	569	45	61
Newark, N. J.-----	75	32	4	2	Austin, Tex.-----	39	25	4	1
New York City, N. Y.+	1,582	960	78	42	Baton Rouge, La.-----	62	37	1	2
Paterson, N. J.-----	52	30	4	3	Corpus Christi, Tex.-----	30	14	1	1
Philadelphia, Pa.-----	399	238	9	6	Dallas, Tex.-----	155	74	4	10
Pittsburgh, Pa.-----	186	104	11	2	El Paso, Tex.-----	48	26	5	3
Reading, Pa.-----	49	31	—	1	Fort Worth, Tex.-----	86	52	7	6
Rochester, N. Y.-----	113	76	9	4	Houston, Tex.-----	215	90	5	16
Schenectady, N. Y.-----	27	16	3	—	Little Rock, Ark.-----	42	15	1	2
Scranton, Pa.-----	32	23	1	—	New Orleans, La.-----	137	75	3	5
Syracuse, N. Y.-----	94	66	2	2	Oklahoma City, Okla.-----	63	30	2	5
Trenton, N. J.-----	43	23	1	4	San Antonio, Tex.-----	122	62	1	8
Utica, N. Y.-----	26	15	3	—	Shreveport, La.-----	55	34	3	—
Yonkers, N. Y.-----	34	19	5	2	Tulsa, Okla.-----	57	35	8	2
<b>EAST NORTH CENTRAL:</b>	2,878	1,528	111	133	<b>MOUNTAIN:</b>	522	306	29	25
Akron, Ohio-----	62	41	2	1	Albuquerque, N. Mex.-----	60	34	8	5
Canton, Ohio-----	39	18	1	—	Colorado Springs, Colo.-----	22	13	1	2
Chicago, Ill.-----	748	399	25	29	Denver, Colo.-----	126	71	7	1
Cincinnati, Ohio-----	169	94	7	18	Ogden, Utah-----	20	17	6	—
Cleveland, Ohio-----	202	99	3	11	Phoenix, Ariz.-----	135	76	1	11
Columbus, Ohio-----	137	87	10	3	Pueblo, Colo.-----	30	18	4	1
Dayton, Ohio-----	111	63	2	9	Salt Lake City, Utah-----	66	44	1	2
Detroit, Mich.-----	390	192	12	21	Tucson, Ariz.-----	63	33	1	3
Evansville, Ind.-----	43	25	1	2	<b>PACIFIC:</b>	1,569	947	36	54
Flint, Mich.-----	64	23	2	9	Berkeley, Calif.-----	22	15	—	—
Fort Wayne, Ind.-----	114	59	6	1	Fresno, Calif.-----	55	29	1	4
Gary, Ind.-----	88	33	13	3	Glendale, Calif.-----	30	25	1	1
Grand Rapids, Mich.-----	51	32	4	4	Honolulu, Hawaii-----	51	20	1	8
Indianapolis, Ind.-----	173	82	4	10	Long Beach, Calif.-----	111	60	2	1
Madison, Wis.-----	41	18	7	3	Los Angeles, Calif.-----	436	259	10	20
Milwaukee, Wis.-----	133	72	—	1	Oakland, Calif.-----	93	57	6	2
Peoria, Ill.-----	34	22	—	1	Pasadena, Calif.-----	41	27	1	—
Rockford, Ill.-----	32	18	4	1	Portland, Oreg.-----	159	104	7	8
South Bend, Ind.-----	48	29	1	—	Sacramento, Calif.-----	63	45	—	—
Toledo, Ohio-----	129	80	7	6	San Diego, Calif.-----	100	51	2	3
Youngstown, Ohio-----	70	42	—	—	San Francisco, Calif.-----	151	91	2	2
<b>WEST NORTH CENTRAL:</b>	792	501	25	25	San Jose, Calif.-----	38	25	—	—
Des Moines, Iowa-----	49	33	1	1	Seattle, Wash.-----	134	86	2	1
Duluth, Minn.-----	31	21	2	2	Spokane, Wash.-----	41	27	—	2
Kansas City, Kans.-----	32	15	2	2	Tacoma, Wash.-----	44	26	1	2
Kansas City, Mo.-----	113	70	—	1	<b>Total</b>	<b>12,750</b>	<b>7,245</b>	<b>532</b>	<b>499</b>
Lincoln, Nebr.-----	34	20	—	—	<b>Expected Number</b>	<b>12,969</b>	<b>7,539</b>	<b>478</b>	<b>513</b>
Minneapolis, Minn.-----	112	72	2	5	<b>Cumulative Total</b> (includes reported corrections for previous weeks)	<b>219,120</b>	<b>127,903</b>	<b>9,273</b>	<b>9,662</b>
Omaha, Nebr.-----	91	62	2	7					
St. Louis, Mo.-----	206	129	7	4					
St. Paul, Minn.-----	65	44	1	1					
Wichita, Kans.-----	59	35	8	2					
<b>Las Vegas, Nev.*</b>	<b>19</b>	<b>8</b>	<b>—</b>	<b>2</b>	*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 end April 17, 1971

INTERNATIONAL NOTES  
POLIOMYELITIS - Argentina

Since early December 1970, a marked increase of reported cases of paralytic poliomyelitis has been observed in several of the urban "partidos" of the Province of Buenos Aires which are near the Federal Capital and form part of Greater Buenos Aires. By the end of December, 24 cases were reported, and the outbreak has continued into 1971 with 23 cases reported in January and 72 in February. The annual reported incidence of poliomyelitis in the Province of Buenos Aires increased in the past 4 years from 19 cases in 1967 to 100 in 1970. Poliovirus type I was isolated from some of these cases.

Information regarding sex and age was available for 104 cases of poliomyelitis reported in the Province in the first 2 months of 1971. These cases were evenly distributed by sex, and the age distribution was as follows: under 1 year, 36 patients; 1 year, 33; 2 years, 19; 3 years, 10; 4 years, 4; 5

years, 2. Nine deaths have been recorded. A total of 58 of the 104 patients had not been vaccinated, 24 had received one dose of vaccine, 9 two doses, and 8 three doses; vaccination information was not available for 5 cases. The laboratories of the National Institute of Microbiology are studying 118 specimens obtained by rectal aspiration. So far, 14 strains of poliovirus have been isolated from 48 specimens; the 6 strains which have been typed are all of type III.

An emergency vaccination campaign is being carried out in the Province of Buenos Aires. To the first week of March, 515,699 children from 2 months to 6 years of age have been vaccinated.

(Reported by the Regional Office of the World Health Organization Pan American Sanitary Bureau, Weekly Epidemiological Report, Vol. 43, No. 13, March 31, 1971.)

The Morbidity and Mortality Weekly Report, circulation 24,600, is published by the Center for Disease Control, Atlanta, Ga.

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The data in this report are provisional, based on weekly telegraphs to CDC by 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.

In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting outbreaks or case investigations of current interest to health officials.

Address all correspondence to

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