

FEB 14 1963

# Morbidity and Mortality

Weekly Report

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

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

For release February 15, 1963

ATLANTA 22, GEORGIA

Vol. 12, No. 6

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 9, 1963

**INFLUENZA** - Outbreaks of influenza-like illness have now been reported from the District of Columbia and thirteen States including North Carolina, Maryland, Virginia, Delaware, Kansas, Illinois, Georgia, Maine, Vermont, South Carolina, New York, Ohio, and Massachusetts. Influenza A<sub>2</sub> virus has been isolated or confirmed by serologic titer rise as the causative agent of outbreaks in the District of Columbia, Maryland, Kansas, North Carolina, New York and at the Great Lakes Naval Training Station in Illinois. Currently influenza is most active in the Middle West and Southwest States.

The number of pneumonia-influenza deaths reported weekly by 108 cities has remained above the epidemic threshold for the last 5 weeks with a sharp upswing for

the week ending February 9. Excess pneumonia-influenza deaths have increased sharply in the last week in the Middle and South Atlantic States. The greatest excess has occurred in the sample cities of Richmond, Virginia, Baltimore, Maryland, Washington, D. C. and New York City, all areas in which the presence of A<sub>2</sub> (Asian) influenza has been confirmed.

No further outbreaks of influenza-like disease have been reported this week from Maine, Vermont, Illinois, Kansas, or Georgia, areas in which limited outbreaks were reported in previous weeks. (See MMWR Vol. 12, Nos. 4, 5). The following reports come from areas of the country currently experiencing influenza-like disease.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous week)

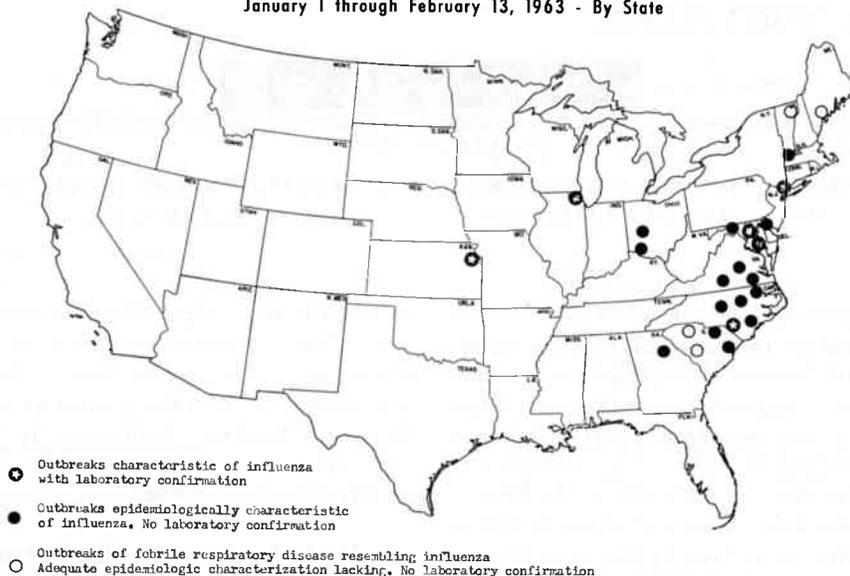
Disease	6th Week			Cumulative		
	Ended	Ended	Median 1958 - 1962	First 6 weeks		Median 1958 - 1962
	February 9, 1963	February 10, 1962		1963	1962	
Aseptic meningitis.....	15	11	---	145	85	---
Brucellosis .....	9	5	11	31	28	69
Diphtheria .....	4	8	13	36	81	119
Encephalitis, infectious.....	23	23	23	109	155	131
Hepatitis, infectious and serum.....	1,188	1,515	688	6,495	8,935	4,228
Measles .....	11,172	12,404	11,482	50,516	54,031	54,031
Meningococcal infections.....	67	60	54	331	312	326
Poliomyelitis, total.....	6	6	10	23	52	116
Paralytic.....	5	2	9	20	32	67
Nonparalytic.....	-	-	1	2	8	38
Unspecified.....	1	4	-	1	12	11
Streptococcal sore throat and Scarlet fever .....	10,231	9,081	---	52,316	49,214	---
Tetanus .....	3	1	---	23	16	---
Tularemia.....	3	5	---	26	39	---
Typhoid fever.....	4	8	8	29	42	50
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	-	---	-	2	---
Rabies in Animals.....	63	73	73	329	374	467

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Cum.	Psittacosis: Minn.-1, Calif.-1	Cum.
Botulism:	-	Rabies in Man:	10
Malaria:	-	Smallpox:	-
Plague: Conn.-1	11	Typhus, murine:	1
	-		

Figures for current week exclude reports from Vermont, Montana, Washington, and Oregon (State Holiday).

INFLUENZA AND INFLUENZA-LIKE DISEASE OUTBREAKS U. S. A.  
January 1 through February 13, 1963 - By State



**New York City** - The first confirmed isolations of A<sub>2</sub> influenza virus in New York City were made during the week of January 28. To date, eleven A<sub>2</sub> isolates have been reported from the city, five of which came from specimens collected during an epidemic of influenza-like illness in a children's institution in Manhattan. Over 100 children in a population of 500 were affected. Pneumonia-influenza deaths for New York City have been well above expected levels during the month of January, with a rather sharp rise for the week ending February 1, as shown in the following table.

PNEUMONIA-INFLUENZA DEATHS - NEW YORK CITY

Week Ending	Tolerance Zone		Expected	Observed
	Upper	Lower		
Dec. 28	55.0	98.8	76.9	75
Jan. 4	55.9	100.1	78.0	101
11	55.7	99.9	77.8	102
18	54.9	98.7	76.8	94
25	53.2	96.4	74.8	102
Feb. 1	51.7	94.5	73.1	121

(Reported by Harold T. Fuerst, M.D., Director, Bureau of Preventable Diseases, New York City Department of Health.)

**Washington, D. C.** - Industrial absenteeism continues high in the District of Columbia although school absenteeism has declined over the last week. Seventeen A<sub>2</sub> influenza isolates have been obtained from cases in this area.

(Reported by Dr. Frederick C. Heath, Deputy Director of Public Health, District of Columbia Department of Public Health.)

**Influenza-like Illness - Virginia - Follow-up Report-**

Total cases of influenza-like disease reported to State health officials rose to over 9,000 for the week ending February 9, as compared to a total of approximately 4,500 for the previous week. This is the third consecutive week in which there has been an increase in reported influenza-like disease. Principal foci of epidemic activity continue to be in counties adjoining the cities of Richmond, Newport News, and Washington, D. C., as well as in several rural areas along the North Carolina border. Only the western portion of the State has been free of community-wide outbreaks thus far, although a small number of cases has recently been reported from the city of Lynchburg, approximately 100 miles west of Richmond.

Serologic confirmation of recent infection with A<sub>2</sub> influenza virus has been obtained thus far in three cases from the Richmond area. Additional specimens have been submitted from numerous other parts of the State and are currently being processed.

(Reported by James B. Kenley, M.D., Director, Bureau of Epidemiology, Virginia State Department of Health.)

**Maryland** - Influenza in Baltimore seems to be waning, with school and industrial absenteeism returning to normal in many parts of the city. Frederick County is presently reporting the wide-spread occurrence of influenza-like illness. Two isolates of influenza A<sub>2</sub> virus have been obtained at Fort Detrick.

(Reported by Dr. John H. Janney, Acting Chief, Division of Epidemiology, Maryland Department of Health.)

**Delaware** - Outbreaks of influenza-like diseases have recently been observed in four communities in the State

of Delaware. Schools serving these areas have noted abnormally high absenteeism during the past two weeks with absence rates varying between 12 and 18 percent. Industrial absenteeism has not been abnormal thus far. The illness is described as clinically compatible with influenza, although laboratory confirmation has not been obtained.

(Reported by Floyd Hudson, M.D., Acting Director, Preventable Diseases, Delaware State Board of Health.)

**South Carolina** - Three counties (Dillon, Chesterfield and Horry) (all in the vicinity of the original North Carolina influenza focus) experienced widespread influenza-like illness in school children and in the elderly toward the end of January. Two counties in the central part of the State experienced abnormally high school

absenteeism in the last week. No excess school or industrial absenteeism has occurred in the larger cities. Laboratory studies are in progress.

(Reported by Dr. G. E. McDaniel, Director, Division of Disease Control, South Carolina State Board of Health.)

**North Carolina** - Influenza has continued epidemic throughout the State with increased involvement of counties in the West Central portion of the State during the last week.

(Dr. Jacob Koomen, Assistant Secretary and State Health Director, North Carolina State Board of Health.)

(Continued on page 48)

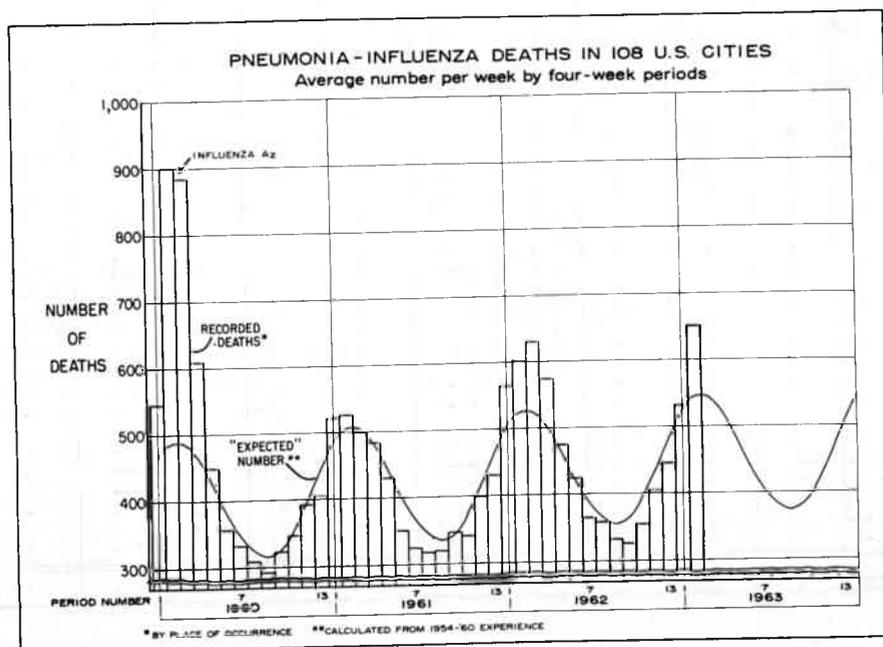
## PNEUMONIA AND INFLUENZA DEATHS

During the week ending February 9 there were 705 pneumonia-influenza deaths reported in the 108 cities, an excess of 157 over the expected number of 548. This number of excess deaths is greater than the peak number of 147 excess deaths during the week ending March 3 of the 1962 epidemic of influenza B, but considerably less than the 508 excess deaths during each of the weeks ending February 13 and 20, 1960, the peak of the influenza A<sub>2</sub> epidemic of that year. Recent excess mortality has been greater in the Middle and South Atlantic States

with further increases during the week ending February 9, 1963.

During the last four weeks the average weekly excess has been 106 deaths, 19 percent above expected levels.

	WEEK ENDING				4 Week Total	Weekly Average
	1/19	1/26	2/2	2/9		
Observed	637	611	652	705	2,605	651
Expected	541	545	547	548	2,181	545
Excess	96	66	105	157	424	106



(See Table, page 47)



# Morbidity and Mortality Weekly Report

45

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
FEBRUARY 9, 1963. AND FEBRUARY 10, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
	6th week	Cumulative 6 weeks	6th week	Cumulative 6 weeks	6th week		6th week				6th week	
							Under 20 yr.	20 & over	Total			
	1963	1963	1963	1963	1963	1962			1963	1963	1963	1962
UNITED STATES.....	9	31	4	36	23	23	688	392	1,188	1,515	11,172	12,404
NEW ENGLAND.....	-	-	-	1	2	2	110	68	186	75	348	1,983
Maine.....	-	-	-	-	-	-	59	29	89	11	18	294
New Hampshire.....	-	-	-	-	-	-	8	3	16	14	2	120
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	25
Massachusetts.....	-	-	-	1	1	-	29	21	52	36	76	1,007
Rhode Island.....	-	-	-	-	-	2	-	-	-	8	25	43
Connecticut.....	-	-	-	-	1	-	14	15	29	6	227	494
MIDDLE ATLANTIC.....	-	2	2	5	3	6	146	88	234	173	1,052	1,662
New York.....	-	2	2	2	-	1	97	60	157	81	611	823
New Jersey.....	-	-	1	1	-	-	14	13	27	40	141	546
Pennsylvania.....	-	-	1	2	3	5	35	15	50	52	300	293
EAST NORTH CENTRAL.....	-	1	-	2	2	4	108	75	189	390	4,794	1,330
Ohio.....	-	-	-	-	1	-	22	18	42	140	645	69
Indiana.....	-	-	-	-	-	-	10	11	21	49	199	210
Illinois.....	-	1	-	2	1	2	44	13	61	73	380	500
Michigan.....	-	-	-	-	-	2	31	29	60	103	1,315	366
Wisconsin.....	-	-	-	-	-	-	1	4	5	25	2,255	185
WEST NORTH CENTRAL.....	9	24	-	9	1	-	16	11	30	108	1,540	275
Minnesota.....	1	2	-	1	-	-	3	3	8	37	125	29
Iowa.....	7	18	-	1	-	-	4	2	6	25	824	96
Missouri.....	1	1	-	-	-	-	3	4	7	23	198	4
North Dakota.....	-	-	-	-	-	-	3	1	4	2	387	124
South Dakota.....	-	2	-	6	1	-	-	-	-	9	6	21
Nebraska.....	-	1	-	1	-	-	2	1	4	2	-	1
Kansas.....	-	-	-	-	-	-	1	-	1	10	NN	NN
SOUTH ATLANTIC.....	-	-	-	9	4	4	98	48	158	223	803	877
Delaware.....	-	-	-	-	-	-	-	2	2	1	7	-
Maryland.....	-	-	-	-	2	1	19	8	31	36	34	140
District of Columbia..	-	-	-	-	-	1	2	-	2	6	1	25
Virginia.....	-	-	-	1	1	1	21	12	40	56	148	335
West Virginia.....	-	-	-	-	-	-	13	4	18	38	320	219
North Carolina.....	-	-	-	1	1	-	31	10	41	61	88	33
South Carolina.....	-	-	-	2	-	-	6	-	6	6	49	31
Georgia.....	-	-	-	1	-	-	-	4	4	6	-	12
Florida.....	-	-	-	4	-	1	6	8	14	13	156	82
EAST SOUTH CENTRAL.....	-	1	1	6	1	1	74	29	120	223	712	1,399
Kentucky.....	-	-	-	-	1	-	28	-	45	63	447	163
Tennessee.....	-	-	-	1	-	-	28	13	41	78	195	1,146
Alabama.....	-	1	1	5	-	-	10	9	19	57	31	44
Mississippi.....	-	-	-	-	-	1	8	7	15	25	39	46
WEST SOUTH CENTRAL.....	-	2	-	3	-	5	68	26	98	121	586	3,032
Arkansas.....	-	1	-	1	-	1	12	1	13	20	24	58
Louisiana.....	-	-	-	-	-	-	13	9	23	18	-	6
Oklahoma.....	-	1	-	-	-	-	8	3	11	12	-	55
Texas.....	-	-	-	2	-	4	35	13	51	71	562	2,913
MOUNTAIN.....	-	1	-	-	2	-	28	12	98	78	629	731
Montana.....	-	-	-	-	-	-	-	-	-	5	-	213
Idaho.....	-	-	-	-	-	-	-	-	11	16	44	23
Wyoming.....	-	-	-	-	-	-	-	-	-	1	1	-
Colorado.....	-	-	-	-	-	-	7	2	28	20	194	228
New Mexico.....	-	-	-	-	-	-	9	4	13	8	NN	NN
Arizona.....	-	-	-	-	-	-	-	-	27	15	152	88
Utah.....	-	1	-	-	2	-	12	6	18	12	215	64
Nevada.....	-	-	-	-	-	-	-	-	1	1	23	115
PACIFIC.....	-	-	1	1	8	1	40	35	75	124	708	1,115
Washington.....	-	-	-	-	-	1	-	-	-	16	-	410
Oregon.....	-	-	-	-	-	-	-	-	-	20	-	273
California.....	-	-	1	1	8	-	32	34	66	78	326	393
Alaska.....	-	-	-	-	-	-	8	1	9	10	197	33
Hawaii.....	-	-	-	-	-	-	-	-	-	-	185	6
Puerto Rico.....	-	-	1	1	-	-	9	3	12	8	19	-