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

#### PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

For release January 12, 1962

ATLANTA 22, GEORGIA

11. No. 1-53

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON Deaths in Selected Cities for week ended January 6, 1962

Influenza – Outbreaks of acute respiratory disease were observed in three additional States; Tennessee, Iowa, and Georgia. This brings to 12 the number of States reporting outbreaks thus far this season; Type B influenza virus has been confirmed in eight.

Along the West Coast, the outbreaks are generally subsiding with no significant extension to unaffected areas. A number of additional epidemics have been reported from the Missouri - Southern Illinois area.

Additional confirmations of Influenza B were noted in Washington, Oregon, and California. No isolations of Type A influenza virus have yet been made in the United States. Reported influenza and pneumonia deaths from the 108 major cities in the United States rose moderately this week to 613 exceeding the "epidemic threshold" by about 10 percent.

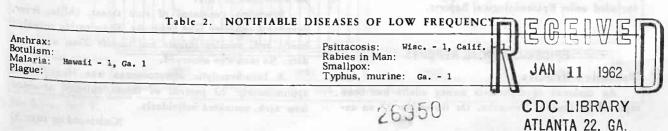
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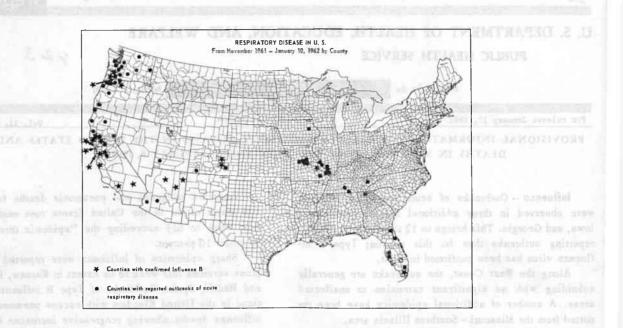
Sharp epidemics of influenza were reported by the press services this week to be extant in Warsaw, Poland, and Madrid, Spain. Outbreaks of Type B influenza continue in the United Kingdom with excess pneumonia and influenza deaths showing progressive increases through the end of December.

California, Oregon, and Washington – Epidemics throughout these States are generally waning with normal levels of school absenteeism in most urban areas. Pre-

With the set of the set of the second set		lst We	ek	Cumulative					
Disease	Ended	Ended	Median	First week					
	Jan. 6, 1962	Jan. 7, 1961	1957 - 1961	1962	1961	Median 1957 - 1961			
Aseptic meningitis. Srucellosis Diphtheria Sncephalitis, infectious	9	25		0	25				
rucellosis	í.	25	10	9	25	10			
Diphtheria	16	20	21	16	9	10			
Incephalitis, infectious	17		21		20	21			
lepatitis infectious and any	1/	25		17	25	23			
	1,143	1,012	507	1,143	1,012	507			
leningocoacal information	5,895	6,261	6,650	5,895	6,261	6,650			
	45	37	41	45	37	41			
	6	8	19	6	8	19			
Paralytic	2	3	11	2	3	11			
Nonparalytic	3	2	2	3	2	1			
treptococcal sore throat	1	3	6	1	3	6			
and Scarlet fever	5,982	7,596		5,982	7,596				
	2			2	1,570				
ularemia	10			10	And the state of	street, in success			
yphus fever, tick-borne	5	6	11	5	6	11			
(Rocky Mountain spotted)	1			1					
abies in Animals	57	42	67	57	42	67			

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





viously reported outbreaks of acute respiratory disease have been confirmed as Influenza B in Lake and Stanislaus Counties, California; Wasco and Washington Counties, Oregon; and in Southwestern Washington.

Missouri, Illinois – Outbreaks of acute respiratory disease are extending locally in Southern Illinois and in Central and Eastern Missouri.

Tennessee, Georgia – Increased school absenteeism reflecting epidemic respiratory disease has been noted in Knox, Lincoln, and Maury Counties in Tennessee and in Gilmer County in North Georgia.

lowa – An acute outbreak of respiratory disease has resulted in 40 percent absenteeism in the consolidated school in Hazleton (Buchanan County) Iowa. Intensive epidemiologic and laboratory studies have been initiated.

Hepatitis – There were 1143 cases of hepatitis reported for the first week of 1962. This represents 129 cases more than reported for the first week of 1961. It is of interest to note that the marked increase in reported cases of hepatitis during 1961 began with reports received during the second and third week.

Diphtheria – Diphtheria continues at a record low level with only 16 cases reported for the first week of 1962. A summary of a focal outbreak from Nebraska is included under Epidemiological Reports.

#### EPIDEMIOLOGICAL REPORTS

#### Diphtheria – Nebraska

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An outbreak of diphtheria among adults has been reported in Omaha, Nebraska. On November 27 an unemployed white male who had spent a night in a mission for homeless men became ill with diphtheria. On December 15 the janitor of a nearby hotel who occasionally ate at the mission died of diphtheria. Since then there have been two additional cases and three carriers among middle-aged, homeless white males who live at the mission or nearby hotel. All diagnoses have been verified by culture and virulence testing. One carrier has been found among hospital personnel caring for the patients. Further investigation of contacts is now is progress. There is no evidence of spread of the disease to the general community. An immunization program centered on the group of men primarily involved is planned. (Reported by Dr. Edwin Lyman, Health Director, Douglas

County Health Department, and a team from the Communicable Disease Center).

#### Streptococcal Food Poisoning - Minnesota

An estimated 700 cases of sore throat due to Group A beta-hemolytic streptococcus occurred in a closed college community of approximately 2,150 persons in late November 1961 in Stearns County, Minnesota. Most of the cases occurred within the three-day period of November 25-27. Mass prophylaxis treatment was started on December 5, 1961.

Symptoms consisted of sore throat, chills, fever, dysphagia, malaise, and headache. Examination revealed beefy, red, swollen throats and tonsils often with exudate. No rash was observed.

A beta-hemolytic streptococcus was identified in approximately 40 percent of throat cultures obtained from sick, untreated individuals. The epidemic probably had its source in the college cafeteria, but a specific food item was not identified. Two members of the kitchen personnel admitted having had sore throats eight days and two weeks, respectively, before the outbreak.

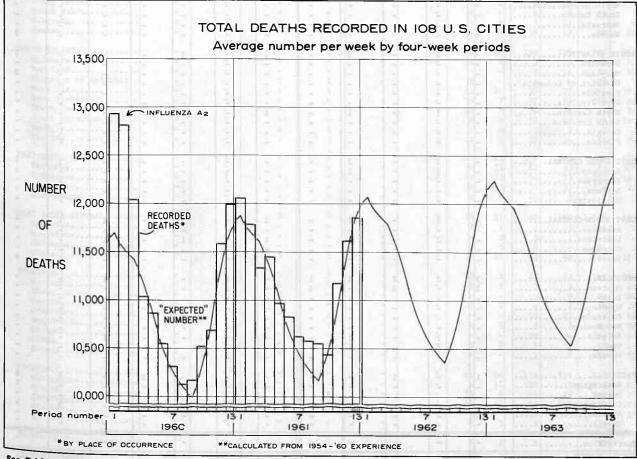
(Reported by D. S. Fleming, M.D., Director, Division of Disease Prevention and Control, Minnesota Department of Health).

#### MORTALITY SUMMARY

The chart presented below shows the average weekly number of deaths from all causes in 108 United States cities by four-week periods. The last bar on the graph includes the four weeks ending January 6th. Weekly data for this period are given in Table 4 on page 7 of this week's report.

The smooth curve labelled "expected number" was constructed by fitting a Fourier series of two terms (with a linear trend component) to data for the period 1954-61. A detailed description of the method is available on request to the Statistics Section, Epidemiology Branch, Communicable Disease Center. The fitted curve has been projected two years in the future in order to provide a reference frame with a two-fold purpose: (1) recognition of unusual incidence as illustrated in the chart by excess mortality associated with an Influenza  $A_2$ outbreak early in 1960 and (2) detection of change in the secular trend of mortality in the group of cities.

A cautionary note is advisable in interpretation of the chart since the deaths are by place of occurrence. Changes in the number of deaths thus represent not only change in death rates but also reflect change in the size and composition of the urban populations and the utilization of hospital centers which serve surrounding areas.



See Table, Page 7

## Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

	Polio	myelitis,	, Total Ca	ises	Poli	lomyelitis			Poliomyelitis, Nonparalytic		Aseptic Meningitis		
Area	lst week		Cumulative First week		lst week		Cumulative First week		lst	week	lst	week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	
	1902	1901	1702	1701	1702	1501	1702	1901		1501	1702	1701	
UNITED STATES	6	8	6	8	2	3	2	3	3	2	9	25	
NEW ENGLAND	-	-	-	-	-	-	-		-			2	
Maine	-	1	-				-	-		-		2	
New Hampshire			_					1517,0000	8 Y 11 1	130.00			
Vermont	1000		International Contraction	1 24 1	ST			_	-				
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Missouri	-	-	-	-	-	-	-	-	2, 11-1	-	1.1	- 12	
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# JANUARY 7, 1961 AND JANUARY 6, 1962

Carl Martin

#### Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

### JANUARY 7, 1961 AND JANUARY 6, 1962 - Continued

Area			Diphth	erla	Encephal Infecti	Infe	Meas	les				
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	lst week		lst week		lst	week	20 yr.	over	Total	Total	lst	week
	1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961
UNITED STATES	4	4	16	16	17	25	625	405	1,143	1,012	5,895	6,26
NELL ENGLAND		10			3	15 . 24					1 010	
NEW ENGLAND		10.24		0.1	1	1	32	26 10	60 19	29 4	1,019	45
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Vermont.		1.1	1.		at 2 a			-	-	3	3	1
Massachusetts.	10 - 2		-		Strand St.	1	15	11	26	9	396	
Rhode Island				-	1	-	2	1	3	3	108	
Connecticut	- H I	1 1 1 1	-	-	1	1.2	3	4	9	8	138	2
MIDDLE ATLANTIC		1.5		100	8	2	79	73	157	83	778	1,31
New York.		-	1.00		8	2	47	35	87	48	439	68
New Jersey.	-18 - 18	- C	1			-	14	16	30	4	251	11
Pennsylvania	-	112 -	a 5 - L	-	1.1		18	22	40	31	88	51
		12 40	100	- Filler			110		100			
EAST NORTH CENTRAL					2	4	112	56	192	229		1,81
Ohio Indiana.			1.77	15 E			79	27	120	131 11	42	
Illinois	- 10 A B	10 10				- 3	3	3 5	1	25	248	
Michigan.	a († 21)		1.0		100	1	29	29	58	56	73	21
Wisconsin.		11			2	1	-		7	6	94	
	1.6	1.4	1.3.5.1	5	21 11			1				1.71
WEST NORTH CENTRAL	3	3	5	5		2	61	59	143	83	242	25
Minnesota		S	100.0	-	735 5.1		7	18	28	19	9	1 7 1
Iowa	2	2			1.1		24	24	55	10	109	
Missouri.	-	7.37	1.1	-	15	2	15	9	32	15	1	
North Dakota South Dakota		1.50	1.00	1	Sec. 5.	3.	1	2	3	2	57	13
Nebraska.	1	1	5	5	24.12.0	-	4	-	4	4 21	66	
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Maryland.	1994 <b>-</b> 20			-	1		-	-	1	14	38	
District of Columbia		-	1	1	2 -		3	31.5	3		28	
Virginia.	-		1	- 1	-	3	21	14	37	17	374	
West Virginia. North Carolina.		15.20			ī		35 20	9	47 29	34	208	
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		1744						4			e i se la	
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#### Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

#### FOR WEEKS ENDED

# JANUARY 7, 1961 AND JANUARY 6, 1962 - Continued

tarrent for	Meningo Infecti		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tick- borne Typhus	Tularemia	Typhoid Fever		Rabies in Animals		
Area		Cumu- lative	6.67	1	1	(Rcky.Mt. Spotted)	1	1	Cumu- Iative			Cumu- lative
feit int die Ge-	1st week 1962	1962	1st 1962	week 1961	1st week 1962	1st week 1962	1st week 1962	1962	1st week 1962	1st 1962	week 1961	1st week
and the second second second	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES	45	45	5,982	7,596	2	1	10	5	5	57	42	57
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Vermont	14		4	3		1.1.1				1.11	in the	- 190 et
Massachusetts	2	2	54	131			1.271-	-			6730 L	Bolt -
Rhode Island	(M. 197	1.1	37	17			1 27 -	- 1 -		100 - 10	1022	HITE?
Connecticut	1	1	144	171	-	-		-	11.5			
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MOUNTAIN	5	5	1,431	1,699		1.1		1 -		1	4	
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Wyoming. Colorado.	D 17	1	205	8					-		-	101102 -
New Mexico		- 1954	395 371	454 378							4	112-6
Arizona	2	2	290	188			30	104		1	-	1
Utah	16.74	-	183	378		1 - G - L		12.81				
Nevada	3	3	3	41	-	-		- 11	-	-	-	-
TRAFT TAST , SUST , AST	41	1.0		1 T 1	1. 18 6 1	100			1	See.	10000	Disting.
PACIFIC	9	9	825	896				1.11 -	2110-10-	2	2	2
Washington Oregon	2	2	262	230		1000		- E		A	-	-
California	1 6	6	27 523	52 614				19.00	A	2	2	2
Alaska	-	-	6	014		12		1 C -	-	-	2	2
Hawaii			7	-	-	-	-		-	-	-	-
Puerto Rico	, 1	1	3	-	2	-	-	-	-	1	-	1
Sector States and Stream 1 Stream		and the second second					A Statement of the second s			10000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

# Table 4 (A) TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period, see Chart, page 3)

(11/1/2)		For week	s ending		Area	For weeks ending				
Area anno soa	12/16/61	12/23/61	12/30/61	1/6/62	The second	12/16/61	2/23/61	12/30/61	1/6/6	
A Marine Marine Street Street	and the late		11.7		SOUTH ATLANTIC:	1 - 188		holder		
ENGLAND:	262	284	251	262	Atlanta, Ga	116	124	130	129	
oston, Mass	37	43	43	46	Baltimore, Md	275	287	251	276	
ridgeport, Conn	26	42	38	38	Charlotte, N.C	39	37	31	62	
ambridge, Mass	34	24	23	31	Jacksonville, Fla	73	56	85	89	
all River, Mass	64	56	64	43	Miami, Fla	88	77	88	8	
Martford, Conn	32	24	32	35	Norfolk, Va	44	56	55	6	
owell, Mass	24	24	20	31	Richmond, Va	76	69	91	9	
ynn, Mass	35	33	29	33	Savannah, Ga	16	24	27	3	
lew Bedford, Mass	30	53	39	44	St. Petersburg, Fla	90	86	76	8	
	71	59	73	63	Tampa, Fla	67	53	56	8	
Providence, R.I.	14	10	12	19	Washington, D.C	214	209	238	21	
Somerville, Mass	51	35	56	50	Wilmington, Del	33	42	46	5	
Springfield, Mass	37	36	31	28		10000			100	
Vaterbury, Conn	70	46	79	62	EAST SOUTH CENTRAL:	2010 2010	-0.20W 31	1 11	10	
Vorcester, Mass	1.*	and the state of		and the	Birmingham, Ala	102	99	66	10	
	in the second	College C	and the second second		Chattanooga, Tenn	49	43	36	4	
DDLE ATLANTIC:	47	65	59	33	Knoxville, Tenn	31	21	26	2	
Albany, N.Y.	39	33	38	55	Louisville, Ky	80	145	103	1 .7	
Allentown, Pa	146	153	150	149	Memphis, Tenn	129	76	102	1	
Buffalo, N.Y	38	55	48	51	Mobile, Ala	29	58	61		
Camden, N.J		27	35	29	Montgomery, Ala	31	35	43		
Elizabeth, N.J	33	45	41	53	Nashville, Tenn	81	54	55		
Erie, Pa	68	73	77	98					100	
Jersey City, N.J		81	139	110	WEST SOUTH CENTRAL:	SO REAL	and a state			
Newark, N.J	92	1,785	1,893	1,817	Austin, Tex	37	30	37		
New York City, N.Y	1,721		42		Baton Rouge, La.	41	30	23		
Paterson, N.J	40	36	i i	39 420	Corpus Christi, Tex.		13	16	1000	
Philadelphia, Pa	500	463	390			1 100	130	134	1 1	
Pittsburgh, Pa	214	162	154	239	Dallas, Tex	39	36	38		
Reading, Pa	26	22	29	32	El Paso, Tex		54	63	200	
Rochester, N.Y	95	112	116	113	Fort Worth, Tex	1	165	141	2	
Schenectady, N.Y	24	15	27	24	Houston, Tex.	1 5	89	48	Cart	
Scranton, Pa	37	33	32	46	Little Rock, Ark	1	170	182	2	
Syracuse, N.Y.	49	70	56	51	New Orleans, La.		78	64	hes	
Trenton, N.J	45	53	- 52	37	Oklahoma City, Okla		107	118	1	
Utica, N.Y		33	31	26	San Antonio, Tex			38	-	
Yonkers, N.Y		35	35	30	Shreveport, La Tulsa, Okla		39	53		
ST NORTH CENTRAL:						1.000				
Akron, Ohio	. 59	49	65	58	MOUNTAIN:			1 10	1.5	
Canton, Ohio	10	38	37	45	Albuquerque, N. Mex		30		10.1	
	-16	825		859	Colorado Springs, Colo	. 16	19		1.00	
Chicago, Ill.	1 1 1 1	139		183	Denver, Colo		99			
Cincinnati, Ohio		221		213	Ogden, Utah		24		-	
Cleveland, Ohio		121		128	Phoenix, Ariz		82	102	1	
Columbus, Ohio		82		71	Pueblo, Colo		15	19		
Dayton, Ohio		387		358	Salt Lake City, Utah		56	46		
Detroit, Mich.	1 00	30		35	Tucson, Ariz.	1 10				
Evansville, Ind		47		53						
Flint, Mich.		43		34	PACIFIC:	Sector	and the			
Fort Wayne, Ind		45		26	Berkeley, Calif	. 24	18	1 15	Carlo	
Gary, Ind.				62	Fresno, Calif	1 1-				
Grand Rapids, Mich		49			Glendale, Calif					
Indianapolis, Ind		154		175	Honolulu, Hawaii					
Madison, Wis		30		35	Long Beach, Calif					
Milwaukee, Wis		136		127						
Peoria, Ill				33	Los Angeles, Calif		91	100		
Rockford, Ill	. 28			33	Oakland, Calif.					
South Bend, Ind				24	Pasadena, Calif					
Toledo, Ohio		97		117	Portland, Oreg					
Youngstown, Ohio	. 55	53	3 74	48	Sacramento, Calif			1 -1		
					San Diego, Calif			-1-		
EST NORTH CENTRAL:	122010	_			San Francisco, Calif					
Des Moines, Iowa	. 48	45	5 67	60	San Jose, Calif					
Duluth, Minn			3 26		Seattle, Wash					
Kansas City, Kans					Spokane, Wash			- 1 - 1 -		
Kansas City, Mo					Tacoma, Wash	38	3 3	9 49	1	
Lincoln, Nebr.	. 39	1						-		
Minneapolis Minn	122	- 1			San Juan, P.R	21	4 3	5 2	9	
Minneapolis, Minn	. 6			0.						
Omaha, Nebr			6 231		CONTRACTOR OF CONTRACTOR					
St. Louis, Mo					Current Week Mortality f	or 108 Se	lected (	Cities		
St. Paul, Minn	. 54									

 4(A) Total Mortality, all ages......
 12,502

 4(B) Pneumonia-Influenza Deaths, all ages.....
 613

 4(C) Total Deaths under 1 Year of Age.....
 794

 4(D) Total Deaths, Persons 65 years and over....
 6,960

#### International Notes - Quarantine Measures

#### Smallpox

England – No secondary cases of smallpox have been reported from either London or Birmingham since the report of two cases imported from Karachi, Pakistan.

Dusseldorf, Germony – Dusseldorf was declared infected with smallpox on January 4 following importation of one case of smallpox from Liberia and two local secondary cases.

The imported case occurred in a German engineer who arrived in Dusseldorf on December 2, after traveling by plane from Liberia. An overnight stay was made in Paris on December 1. He had been vaccinated against smallpox on August 12, 1959. He became mildly ill on December 15 but was not hospitalized until January 1, 1961, when his wife and child were hospitalized with smallpox.

The entire environment of these patients has been quarantined and an intensive smallpox vaccination campaign has been started.

Schoffhousen, Switzerland – One clinically diagnosed case of smallpox said to have originated from the original case imported into Dusseldorf, Germany, was reported January 8. An intensive smallpox vaccination has been instituted in Schaffhausen.

The recent European cases of smallpox are described in the table below:

Area of Case Occurrence	Place of Exposure	Date of Arrival	Onset of Illness
Birmingham, England			
Male, adult	Karachi, Pakistan	12/19/61	12/18/61
London, England			
Male, 24 yrs. old	Karachi, Pakistan	12/25/61	12/25/61
			(died 1/8/62)
Dusseldorf, Germany			
Male, adult	Liberia	12/2/61	12/15/61
Child	Dusseldorf		12/31/61
Female, adult	Dusseldorf		1/1/62
Schaffhausen, Switzerland			
Male, 26 yrs. old	Dusseldorf	(Returned to	1/5/62
2000	12/26 - 12/27	Schoffhausen	
		after 12/27)	

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> Editor, Morbidity and Mortality Weekly Report Communicable Disease Center Atlanta 22, Georgia

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

#### Symbols: --- Data not available - Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

