Morbidity and Mortality

Weekly Report

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

Prepared by the

COMMUNICABLE DISEASE CENTER

MElrose 4-51

REB 1 1982

For release February 2, 1962

ATLANTA 22, GEORGIA

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 27, 1962

INFLUENZA – Epidemics of respiratory disease attended by increased school absenteeism are currently prevalent throughout the Midwestern and Southeastern States. Following the first Midwestern identification in Missouri and Southern Illinois, epidemic Influenza B spread to involve Eastern Kansas, Western Kentucky, Central Tennessee, and North Georgia. This week, in addition to further spread within these States, a marked increase in reported outbreaks has occurred in the neighboring States of Ohio, North Carolina, Arkansas, Minnesota, Wisconsin, Iowa, North Dakota, and Nebraska. On the periphery of this epidemic activity, scattered outbreaks were noted in South Carolina, Alabama, Indiana, Wisconsin, Oklahoma, and Texas.

Scattered outbreaks of acute febrile respiratory disease were noted in the Northeastern United States. Increased school absenteeism and/or respiratory disease outbreaks were observed in Southern Maryland (three counties), New Jersey (eight counties), Pennsylvania (two counties), Connecticut (two counties), Massachusetts (two counties), Vermont (two counties), and New York (two counties).

The epidemic has waned in the Pacific Coast States and is evidencing little spread in the Rocky Mountain area.

Influenza B has now been confirmed by virologic isolation or serologic titer rises in outbreaks in 18 States and the District of Columbia. Additional States reporting

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

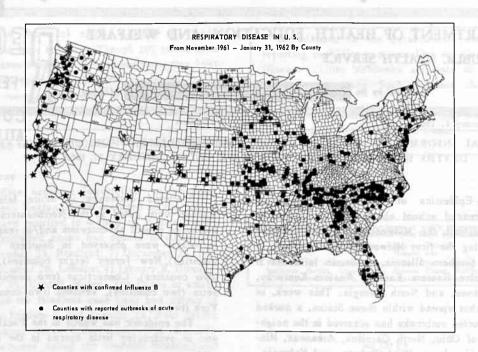
meanwastens out An mount dis-	d to manor	4th We	ek	Cumulative					
Disease	Ended	Ended	Median	First 4 weeks					
se were enolest terminal and set of the P.M.	January 27, 1962	January 28, 1961	1957 - 1961	1962	1961	Median 1957 - 1961			
Aseptic meningitis. Brucellosis Diphtheria	17 17 17	26	of largery	55	90	120002.049			
Prucellosis	on COSTA ADDRESS	7	10			410			
Diphtheria Cincephalitis, infectious Lepatitis, infectious and serum	q	22	22	22 49	30 94	43			
incephalitic informations	20	22	25			94			
lepatitis, infectious and serum	1,508			85	87	87			
leasles	10,500	1,851	574	5,626	6,123	1,953			
leningococcal info	10,621	9,414	9,432	31,411	32,523	32,523			
Meningococcal infectionsoliomyelitis, total	41	52	52	192	212	219			
		8	34	29	41	87			
Paralytic	2	5	29	16	23	48			
- Paralviic	The second secon	2	2	5	6	28			
treptococcal sore throat	gastin to an	1	3	8	12	11			
and Scarlet fever	8,516	9,707		30,382	34,413	Sec. Sec.			
etanus etanus ularemia	3			6					
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abies in Animals	56	55	79	227	197	319			

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax: Botulism: Ky. - 1 Malaria: Plague:

Psittacosis: Wis. - 1 Rabies in Man: Smallpox:

Typhus, murine:



confirmations this week include Ohio, Minnesota, North Carolina, Wisconsin, Kansas, Iowa, and Utah. No evidence of Influenza A activity has yet been uncovered.

Deaths from pneumonia and influenza in 108 United States cities remain elevated above expected levels for the fourth consecutive week (see accompanying graph, page 27). Excess mortality this week is recorded in three of the nine geographic divisions of the country.

Epidemics of respiratory disease confirmed as Influenza B are occurring in Poland, Spain, Denmark, and the United Kingdom.

HEPATITIS – A total of 1,508 cases was reported for the 4th week ending January 27, a decrease of 72 cases over the number reported in the preceding week. For the corresponding 4th week of 1961, 1,851 cases of hepatitis were reported. The interruption in the continuous rise in hepatitis cases at this early date in 1962 would suggest that the number of hepatitis cases in 1962 will be lower than the total of 72,000 reached in 1961.

POLIOMYELITIS - Three cases of polio, 2 paralytic, were reported for the week ending January 27. This equals the record low of 3 cases, 3 paralytic, which were reported for the week ending February 25, 1961.

EPIDEMIOLOGICAL REPORTS

Clostridium Food Poisoning - Connecticut, 1961

Three outbreaks of Clostridium perfringens food poisoning occurred in Connecticut during the year 1961. The last occurred on December 5, 1961, and is described below.

Approximately half of 68 people who had dined at a restaurant developed mild diarrhea and abdominal pain of a few hours duration within eight to 14 hours after eating. In a few cases, nausea occurred but there was no vomiting. Of the 68 individuals, 38 ate roast beef, 18 ate broiled lobster, 9 ate turkey, and 3 ate picked-out lobster. Of the 26 with illness, 21 had eaten roast beef, four had eaten turkey, and one had eaten lobster.

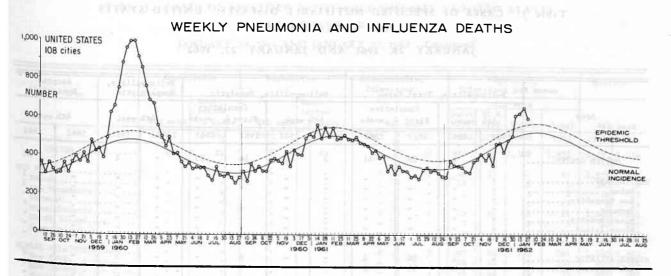
Five roasts of beef, boned by the wholesale meat distributor, and averaging about 18 lbs. in weight, were used for this meal. These were cooked for about 3 hours in a 350° oven, coming out of the oven at about 4:15 P.M. Some were then kept on the steam table and some beside the steam table until used at 7:30 P.M. Gravy was au jus gravy made at about 5:30 P.M. from the drippings of the roasts, a commercial beef base and seasonings. Drippings from the roasts were also used to moisten some of the turkey when it was removed from the refrigerator and warmed for use.

Samples of turkey, roast beef, and gravy were available for laboratory examination. No food poisoning organisms were found in the samples of turkey or roast beef examined. Clostridium per/ringens was isolated from the gravy. Samples of the commercial beef base used in the gravy were negative. Nose and throat cultures of the meat cooks were negative.

The laboratory of the Connecticut State Department of Health routinely does anaerobic cultures on all samples of food examined in relation to food-borne outbreaks, except when epidemiological evidence strongly suggests that the outbreak is staphylococcal.

Two other outbreaks apparently due to Clostridium per/ringens were identified in Connecticut in 1961, through this routine use of anaerobic cultures. One of these oc-

(Continued on page 32)



SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 UNITED STATES CITIES

The chart below shows the average weekly number of deaths among persons 65 years and over by four-week periods. As in previous MMWR charts in this series, the "expected number" of deaths was computed by use of a Fourier Series with a linear trend component. One Fourier term was used in this chart.

For the four-week period ending January 27th excess mortality (see table below) in persons 65 years of age and older averaged 395 deaths per week, about five percent above expected levels. The total number of deaths in elderly persons during this period of the current Influenza B epidemic was at about the same level as in the corresponding period (see chart)

of the 1960 Influenza A₂ epidemic. However, excess mortality has been considerably less in 1962. During the first four weeks of 1960 there was a total of approximately 2,900 excess deaths in comparison to a figure of approximately 1,600 excess deaths during the first four weeks of 1962.

Deaths 65 Years and Over Recorded in 108 United States Cities

10 PM		Week E	4-Week	Weekly		
\$ 77	Jan. 6	Jan. 13	Jan. 20	Jan. 27	Total	Average
Observed	6 970	7 250	7 150	7 164	28 534	7134
Expected	6 689	6 728	6 758	6 780	26 955	6739
Excess	281	522	392	384	1 579	395

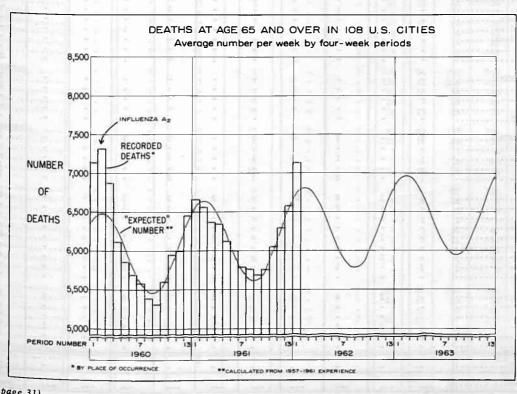


Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

JANUARY 28, 1961 AND JANUARY 27, 1962

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

JANUARY 28, 1961 AND JANUARY 27, 1962 - Continued

Area	Brucellosis		Diphth	eria	Encephal Infect	Infe	Measles					
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-640 Islands			***									-

Morbidity and Mortality Weekly Report

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

JANUARY 28, 1961 AND JANUARY 27, 1962 - Continued

Total State of the Language of	Meningo Infectio		Strepto Sore Th Scarlet	roat &	Tetanus	Tick- borne Typhus	Tularemia	Typhoi	d Fever	Rabi	es in	Animals
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Kentucky	1 2	4 6	143	1,260	1.2	15 3	31 12		1 40	10	2 3	20
Tennessee	-	1	23	32	321	12.7	1		1	-	-	1
Mississippi	1	3	127	29	1	12 2	31 1 2		11.54	-	-237	-
Significant Lawrence A	4	10	070	1 260	11		1118	2	7	12	17	46
EST SOUTH CENTRAL	2	19 2	973 3	1,240	1 -		3 12-	-	11/2	-	3	40
Louisiana		6	8	7	1 1-1			1	2	1	1	1
Oklahoma	U.	1	13	15	9-1	100	3 14	4 1 - 91	1	1	A	3
Texas	2	10	949	1,209	1	10.5	4.0	1	4	10	13	38
OUNTAIN		7	1,129	2,109	1-1	3 -		1	2	1	-	4
MontanaIdaho	1200	1	90 157	180 148	12.5		3115		1	100	15115	
Wyoming		-	12	81	1 3 1	188			The Co	-		
Colorado		- 1	319	524	7-1	1 2			113	-	-	1000
New Mexico	1 2-1-	(10) [- 5	259	475	4 4-1	18 3	-	1	1			2
Arizona		2	171	217	9-1	1 -	4		111-00	1.19-	-1.6	2
Utah Neyada		3	120 1	471 13	4 25	1		- 1	1100	10911	All Andrews	2000
STATE OF THE		a lin		E -	8.1		1		Hoose		2	10
ACIFIC	7	32	1,556 612	1,171	1 2		1		1	4	3	19
Oregon.	- 12	5	53	76		14 5			10.0	111		
California	7	24	830	452	1.3-1	19 9	1	1-1	100	4	3	19
Alaska	-	1	24	51	-		-		ur Jr a ch	1.00	Obt	long.
- 8741			37	6		-			-	-	-	
Puerto Rico	-	4	7	-	1	<u> </u>	-	-	11-1	-	-	1
Virgin Islands							1 1 2 2 2				-	

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

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

Area		For weel	s ending		Area	For weeks ending				
	1/6/62	1/13/62	1/13/62 1/20/62 1/27/62		- III 4 TO IN 10 TO IN AND SO	1/6/62	1/13/62	1/20/62	1/27/6	
NEW ENGLAND:			AT	XMTA, 7	SOUTH ATLANTIC:	ALC: N				
Boston, Mass	146	167	142	175	Atlanta, Ga	64	54	80	63	
Bridgeport, Conn	27	30	21	25	Baltimore, Md	143	137	146	122	
Cambridge, Mass	20	20	23	23	Charlotte, N.C	34	23	16	18	
rall River, Mass	21	27	24	26	Jacksonville, Fla	36	34	33	39	
Hartford, Conn	17	25	28	25	Miami, Fla	40	50	60	43	
Lowell, Mass.	19	24	20	21	Norfolk, Va	29	25	34	19	
Lynn, Mass	26	14	19	14	Richmond, Va	46	45	37	54	
New Bedford, Mass	22	20	16	16	Savannah, Ga	14	12	23	29	
New Haven, Conn	20	17	24	28	St. Petersburg, Fla	70	75	80	70	
Frovidence, R.I	37	45	45	31	Tampa, Fla	45	38	57	49	
oomerville, Mass	11	13	17	10	Washington, D.C	109	100	103	83	
opringfield, Mass	31	27	23	35	Wilmington, Del	29	12	31	24	
"dierbury, Conn	16	23	23	21	THE PROPERTY OF THE PARTY OF THE PARTY.	Selvall	2014.AL	97.15.24	11000	
Worcester, Mass	45	45	31	43	EAST SOUTH CENTRAL:	San a	Land I	1.122	111	
	SARE SYS	Don't U	With Links		Birmingham, Ala	52	33	60	58	
MIDDLE ATLANTIC:					Chattanooga, Tenn	32	22	26	55	
Albany, N.Y	18	27	34	25	Knoxville, Tenn	16	20	24	20	
Allentown, Pa	30	15	25	21	Louisville, Ky	46	102	65	86	
bullalo, N.Y	84	82	63	94	Memphis, Tenn	66	60	98	83	
camden, N.J.	27	22	24	25	Mobile, Ala	22	26	22	28	
Lilzabeth, N.J.	21	21	24	22	Montgomery, Ala	13	25	21	26	
Erie, Pa.	30	37	27	25	Nashville, Tenn	49	41	55	33	
Jersey City N I	58	30	46	34		John respo	TON DE	Define a	1 CHARLES	
"ewark, N.J.	63	51	74	48	WEST SOUTH CENTRAL:		- 390	50.07	19411440	
New Iork City N V	1,020	1,070	1,001	938	Austin, Tex	25	29	40	22	
Lerson, N. I.	20	20	20	31	Baton Rouge, La	20	18	17	21	
- Lauelphia Pa	232	257	270	312	Corpus Christi, Tex	12	12	17	10	
*** Pa	141	86	87	107	Dallas, Tex	70	74	71	70	
"cauing, Pa	29	23	16	18	El Paso, Tex	17	19	25	36	
Rochester, N.Y.	77	65	72	61	Fort Worth, Tex.	49	34	42	43	
Thenectady N V	17	20	= 11	19	Houston, Tex	125	70	122	96	
attition. Pa	33	28	24	23	Little Rock, Ark	37	27	50	34	
Jacuse, N.V.	24	42	35	34	New Orleans, La	108	81	119	91	
Trenton, N.J.	18	53	38	19	Oklahoma City, Okla	37	65	34	30	
Utica, N.Y.	21	28	19	19	San Antonio, Tex	69	69	96	78	
Yonkers, N.Y	17	25	21	12	Shreveport, La	26	30	29	53	
EAST NORTH CENTRAL:					Tulsa, Okla	41	37	23	46	
Akron Oli		7.77		The state of the s	stand I meli dell' Thi yea	all in Title	dii see	rond in	Alvina	
Akron, Ohio	32	22	38	35	MOUNTAIN:	The				
Canton, Ohio	20	31	16	15	Albuquerque, N. Mex	19	14	19	17	
Chicago, Ill.	440	485	479	477	Colorado Springs, Colo	16	10	7	21	
Cincinnati, Ohio	110	118	110	117	Denver, Colo	65	70	93	66	
Cleveland, Ohio	117	104	123	122	Ogden, Utah	11	6	19	19	
Dayton, Ohio	73	66	63	56	Phoenix, Ariz	49	61	53	66	
Detroit, Mich.	43	41	49	54	Pueblo, Colo	15	9	11	14	
Evansville, Ind	206	203	256	214	Salt Lake City, Utah	34	20	32	27	
Flint, Mich.	17	37	14	27	Tucson, Ariz	26	31	29	23	
	26	26	20	28	DACTETC.		1195		10-344	
/ 1 Ind .	22	30	19	23	PACIFIC:	1	1.00		- 01/-	
Addids Mich	12	15	12	17	Berkeley, Calif	16	16	14	27	
	38	28	36	27	Fresno, Calif	14	35	29	34	
	88	86	75	90	Glendale, Calif	34	36	34	29	
	18	17 105	18 75	23 80	Honolulu, Hawaii	18	10	24	2.5	
	71				Long Beach, Calif	32	54	25	49	
	14	16	18	15 29	Los Angeles, Calif	360	363	318	341	
	21	19			Oakland, Calif	63	79	48	79	
	14	31	25 65	24	Partland Orea	25	28	29	26	
Youngstown, Ohio	67	79	65	64 30	Portland, Oreg	83	7.5	68	67	
lmo-	29	42	31	30	Sacramento, Calif	47	42	44	37	
WEST NORTH CENTRAL:			100		San Diego, Calif	54	50	62	57	
	4.9	/.7	1.7	25	San Francisco, Calif	102	150	131	117	
	43	47	47	35	San Jose, Calif	25	39	25	32	
	24	29	18	18	Seattle, Wash	74	93	83	9:	
	23	24	14	19	Spokane, Wash	37	43	34	46	
	78	77	97	96	Tacoma, Wash	38	32	24	37	
	26	13	17	11	Con Turn D. D.					
	75	79	67	111	San Juan, P.R	11	26	12	1.	
	48	50	24	50	Toni Link or National Service					
	210	240	212	197	I Committee of the state of the con-) final yo	med from	offer execution		
	38	58	45	51	Current Week Mortality fo	or 108 Se	lected C	ities		
, Kalls,	21	39	29	50						

Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

4(A)	Total Mortality, all ages	12,597
	Pneumonia-Influenza Deaths, all ages	

7,164 curred at a cub scout dinner in February. Of 240 individuals attending this dinner, 75 experienced nausea, abdominal pain, and diarrhea 6 to 8 hours after eating. Clostridium perfringens was cultured from a sample of the roast beef used at this meal. The other outbreak was a family outbreak with 9 of 17 people who ate the dinner becoming ill 8 to 9 hours after the meal. The illness was mild and consisted of diarrhea and abdominal pain of a few hours duration, associated with slight nausea. Clostridium perfringens was found in smoked ham and in homemade cheese used at this meal.

(Reported by James C. Hart, M.D., Director, Division of Preventable Diseases, State of Connecticut Department of Health.)

Editor's Note: The incubation period in these three epidemics, 6 to 14 hours, and the clinical symptomology, mild illness with diarrhea and abdominal pain in the absence of vomiting, form a rather consistent clinical picture.

INTERNATIONAL NOTES - QUARANTINE MEASURES

Smallpox - Europe

England - Five new cases of smallpox have been reported in England bringing to 21 the total number of cases in the recent outbreak. Seven deaths have occurred. Three tertiary cases have occurred in Bradford where 11 cases had previously been reported. The other two cases were reported from Woolwich, a suburb of London, where a 36 year old insurance agent became ill with smallpox on January 13, and from Horn Church, Essex, where an individual became ill on January 30. The Horn Church case has not yet been confirmed.

Germany - No additional cases have been reported following the initial reports of 4 cases with one death in Dusseldorf, Germany.

Immunization Information for International Travel

1961 edition - Public Health Service Publication No. 384 The following name should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City	Center_	Clinic Hours	Fee
Arizona	Pima County Health	Friday, 3 p.m.	Yes
Tucson	Department	by appointment	
	161 W. Alameda Street	1 July 1 12 10	
	Tel: MA 3-0571		

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

Symbols: --- Data not available
Onantity 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. Library 81 CDC 7 61

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia

Official Business



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