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 April 19, 1963 ATLANTA 22, GEORGIA Vol. 12, No. 15

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 13, 1963

INFLUENZA – One or more outbreaks of influenza-like disease have now been reported from 42 States and the District of Columbia. The State of Wyoming was the only one to report outbreaks for the first time this week. Influenza A_2 virus has been isolated or confirmed by serologic titer rise as the causative agent of one or more outbreaks in 33 States and the District of Columbia. The State of Utah reported confirmed outbreaks for the first time this week. Outbreaks have now subsided in most affected areas in the Eastern and Middle Western United States. Two additional localized outbreaks were reported from northern California during the week ending April 13. The number of pneumonia-influenza deaths reported for 108 cities this week continued to fall sharply for the fourth consecutive week, and has now reached a level below the epidemic threshold for the first time since January 5.

California – Two additional outbreaks of influenza-like illness have been reported from communities in northern California during the week ending April 13. Both reports have come from areas lying close to sites of recent localized outbreaks in Napa and San Joaquin Counties (MMWR Vol. 12, Nos. 12, 13).

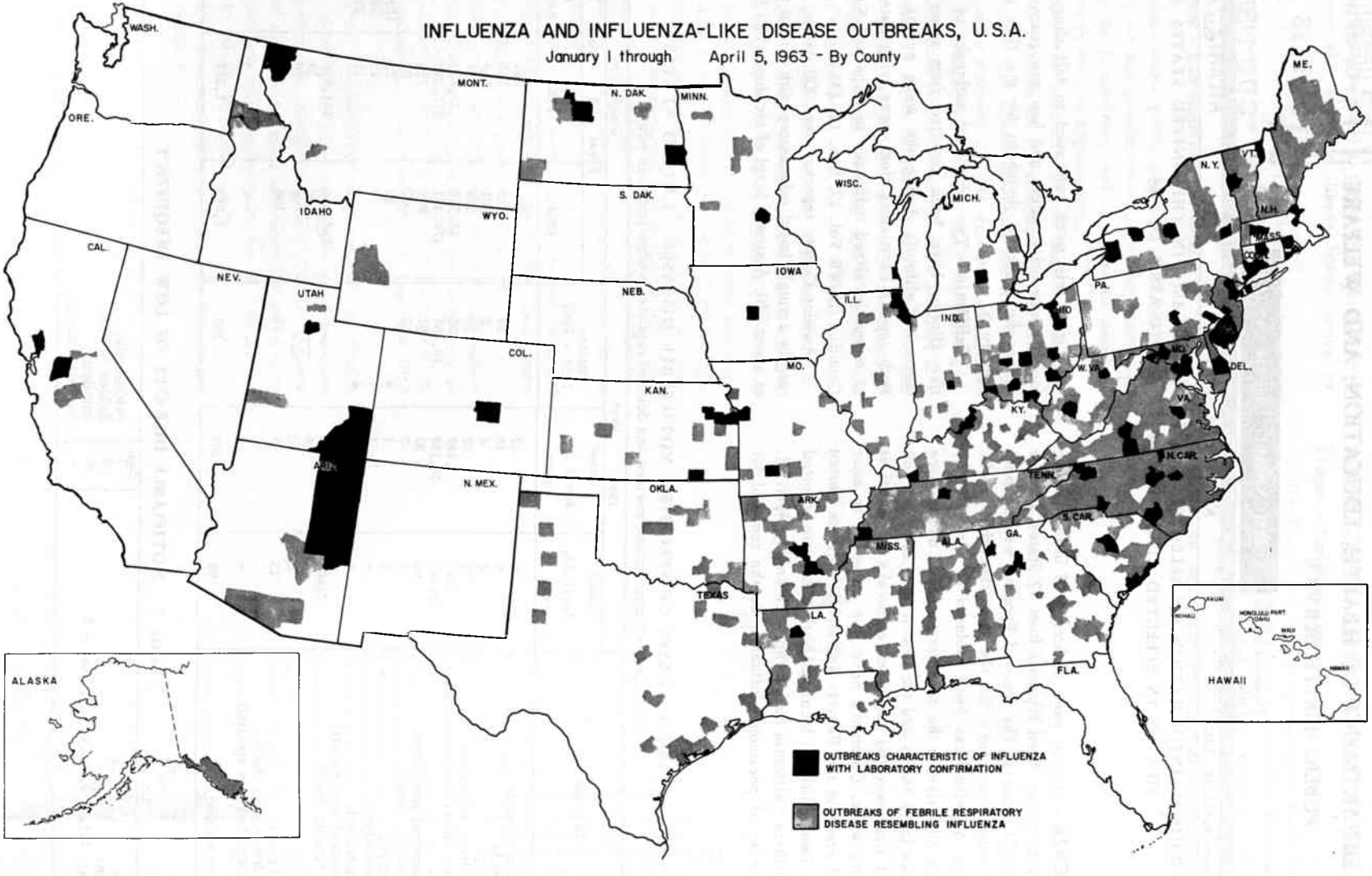
Amador County reported over 200 cases, all occurring in a single boys' reformatory with a total population of about 850. A steady level of incidence had been noted

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

Disease	15th Week			Cumulative		
	Ended April 13, 1963	Ended April 14, 1962	Median 1958 - 1962	First 15 weeks 1963	First 15 weeks 1962	Median 1958 - 1962
Aseptic meningitis	22	27	---	334	264	---
Brucellosis	6	10	18	93	101	184
Diphtheria	8	8	8	101	149	230
Encephalitis, infectious	39	52	29	379	437	390
Hepatitis, infectious and serum	791	1,168	836	15,519	20,432	11,362
Measles	17,543	24,158	18,862	178,351	217,329	199,131
Meningococcal infections	54	35	51	898	764	852
Poliomyelitis, total	3	2	12	42	83	239
Paralytic	3	1	9	38	55	173
Nonparalytic	-	1	1	2	13	38
Unspecified	-	-	2	2	15	28
Streptococcal sore throat and Scarlet fever	7,406	7,980	---	147,056	131,458	---
Tetanus	4	4	---	50	39	---
Tularemia	4	3	---	58	79	---
Typhoid fever	13	9	11	108	117	141
Typhus fever, tick-borne, (Rocky Mountain spotted)	-	-	---	2	4	---
Rabies in Animals	98	109	102	1,053	1,221	1,221

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis:	19
Botulism:	5	Rabies in Man:	-
Malaria: Ill. - 1, N.Y. - 1, Ga. - 2	30	Smallpox:	-
Plague:	-	Typhus, murine:	2


INFLUENZA AND INFLUENZA-LIKE DISEASE OUTBREAKS, U.S.A.
January 1 through April 5, 1963 - By County
WASH.
ORE.
CAL.
NEV.
IDAHO
MONT.
WYO.
UTAH
COL.
ARIZ.
N. MEX.
N. DAK.
S. DAK.
NEB.
KAN.
OKLA.
TEXAS
MINN.
IOWA
MO.
ARK.
LA.
WISC.
ILL.
MICH.
IND.
KY.
TENN.
MISS.
ALA.
GA.
FLA.
S. CAR.
N. CAR.
VA.
W. VA.
MD.
DEL.
PA.
N.Y.
VT.
N.H.
MASS.
CONN.
ME.
ALASKA
HAWAII
OUTBREAKS CHARACTERISTIC OF INFLUENZA WITH LABORATORY CONFIRMATION
OUTBREAKS OF FEBRILE RESPIRATORY DISEASE RESEMBLING INFLUENZA

since the latter part of March followed by clear evidence of declining epidemic activity during the past week. The illness appeared typical of influenza clinically, although laboratory confirmation has not been obtained as yet.

A small community outbreak has been described in Merced County where an estimated 40-50 patients have been hospitalized with an influenza-like syndrome. Many additional cases have been noted in the surrounding community, the peak incidence having occurred in early April. This is the first reported outbreak in the State which has involved individuals outside of an institutional setting.

The State Viral and Rickettsial Disease Laboratory has thus far obtained serologic confirmation of influenza A_2 infection in a total of 47 cases from 18 counties, representing all geographic regions within the State. School absenteeism remains normal, but industrial absenteeism has shown some increase. It is the impression of State health authorities that there has been some influenza throughout the State, occurring mainly among adults, and in low enough concentration to escape routine surveillance measures.

(Reported by Dr. Philip K. Condit, Chief, Bureau of Connumicable Diseases, California Department of Public Health).

Ohio – Influenza A_2 virus has been confirmed as the etiologic agent in outbreaks of acute febrile respiratory disease observed in the Columbus area earlier this year. It has been estimated that approximately 100,000 cases occurred during the epidemic, which reached its peak in late February. School and industrial absentee rates of 10-15% were observed at the height of the epidemic period. Outbreaks of influenza-like illness have now been reported from 36 of the State's 88 counties. Influenza A_2 virus has been confirmed as the etiologic agent in two or more cases in 10 of these 36 counties.

(Reported by Dr. Winslow Bashe, Division of Communicable Diseases, Ohio Department of Health).

Utah – Influenza A_2 virus infection has been confirmed serologically in two cases seen during recent outbreaks in San Juan County (MMWR Vol. 12, No. 14). Additional small community outbreaks have been reported from Weber and Salt Lake Counties, in the northern part of the State. Laboratory confirmation of influenza A_2 infection has been obtained in three cases from the Salt Lake outbreak.

(Reported by Dr. A. A. Jenkins, Director, Communicable and Chronic Disease Section, Utah State Department of Health).

Wyoming – A small outbreak of influenza-like illness has been reported from Sublette County in the western part of the State. The epidemic appeared to have reached its peak during the first week of April. Laboratory confirmation is not available as yet.

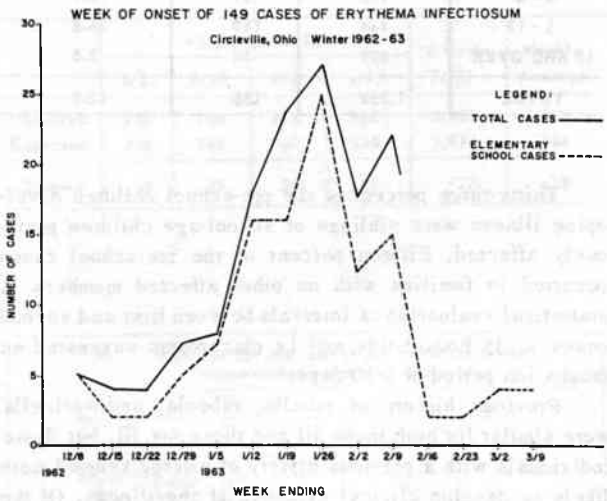
(Reported by Dr. Robert Alberts, Acting Director of Medical Programs, Wyoming Department of Public Health).

EPIDEMIOLOGICAL REPORTS

Erythema Infectiosum – Circleville, Ohio

In January 1963, following the Christmas holidays, an outbreak of mild exanthematous illness developed among children of the elementary school of Circleville, Ohio. Histories and physical examinations of 38 affected children elicited symptoms and signs suggestive of erythema infectiosum. A questionnaire sent home to parents of all students attending the school provided information for 286 households, with a total population of 1,259 individuals. One hundred and fifty eight cases of the illness were identified by this means.

FIGURE I.



Known onset dates for 149 of the cases (Figure 1) indicate the outbreak reached its peak during the week ending January 26; 85 percent of the cases occurred within a six-week period during January and early February. Clinically the disease was mild. Rash appeared in all cases, usually beginning on the face as a confluent red "butterfly" or as flat or slightly raised macules in the cheeks. The rest of the face typically remained clear,

although flexor and extensor surfaces of the arms, as well as abdomen and back, were frequently involved two to three days after appearance of the facial eruption. Frequently recurrent, the rash persisted in many cases for several weeks, unaccompanied by desquamation or hyperpigmentation. Distribution of symptoms among the 158 patients is given below:

TABLE 1

DISTRIBUTION OF SYMPTOMS OF ERYTHEMA INFECTIOSUM IN 158 PATIENTS

RASH	100%	SORE THROAT	23%
PRURITIS	53%	ABDOMINAL PAIN	23%
FEVER	41%	RUNNY NOSE	22%
HEADACHE	32%	SORE EYES	18%

The illness primarily involved individuals of both sexes in the elementary school age group (5-12 yrs.). Age distribution and age specific attack rates among those surveyed are given below:

TABLE 2

AGE SPECIFIC ATTACK RATES OF ERYTHEMA INFECTIOSUM

AGE (YEARS)	POPULATION SURVEYED	NUMBER CASES	ATTACK RATE PER 100
0 - 4	116	21	18.1
5 - 12	444	119	26.8
13 AND OVER	699	18	2.6
TOTAL	1,259	158	12.5

Thirty-three percent of the pre-school children developing illness were siblings of school-age children previously affected. Fifteen percent of the pre-school cases occurred in families with no other affected members. A statistical evaluation of intervals between first and second cases in 35 households and 14 classrooms suggested an incubation period of 5-10 days.

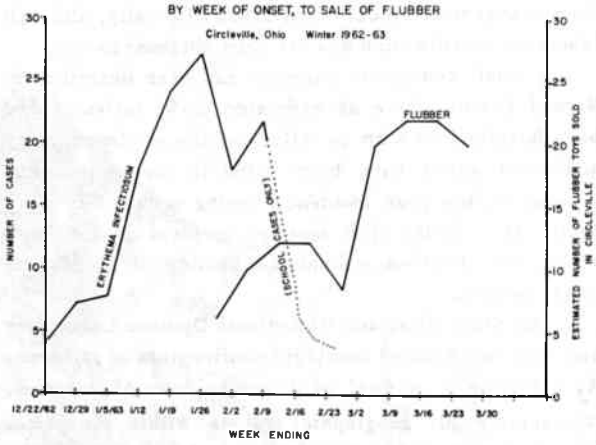
Previous history of rubella, rubeola, and varicella were similar for both those ill and those not ill, but those individuals with a previous history of allergy seemed more likely to develop clinical evidence of the illness. Of the individuals surveyed who had no previous indication of allergic manifestations, 10.8% developed the illness, whereas 27.2 percent of those with previous history of allergic problems acquired the disease. This apparent increased susceptibility of allergic individuals was observed in both the under 13 and over 13 age groups.

A popular, putty-like compound known as "flubber" has been used quite extensively by children in the area in recent weeks. This material is composed of mineral oil and butadiene. Examination of the sales of flubber in the area (Figure 2) indicated that the outbreak occurred well

FIGURE 2.

COMPARISON OF 124 CASES OF ERYTHEMA INFECTIOSUM BY WEEK OF ONSET, TO SALE OF FLUBBER

Circleville, Ohio Winter 1962-63



in advance of peak "flubber" distribution and failed to link this material in any way to the spread of the illness.

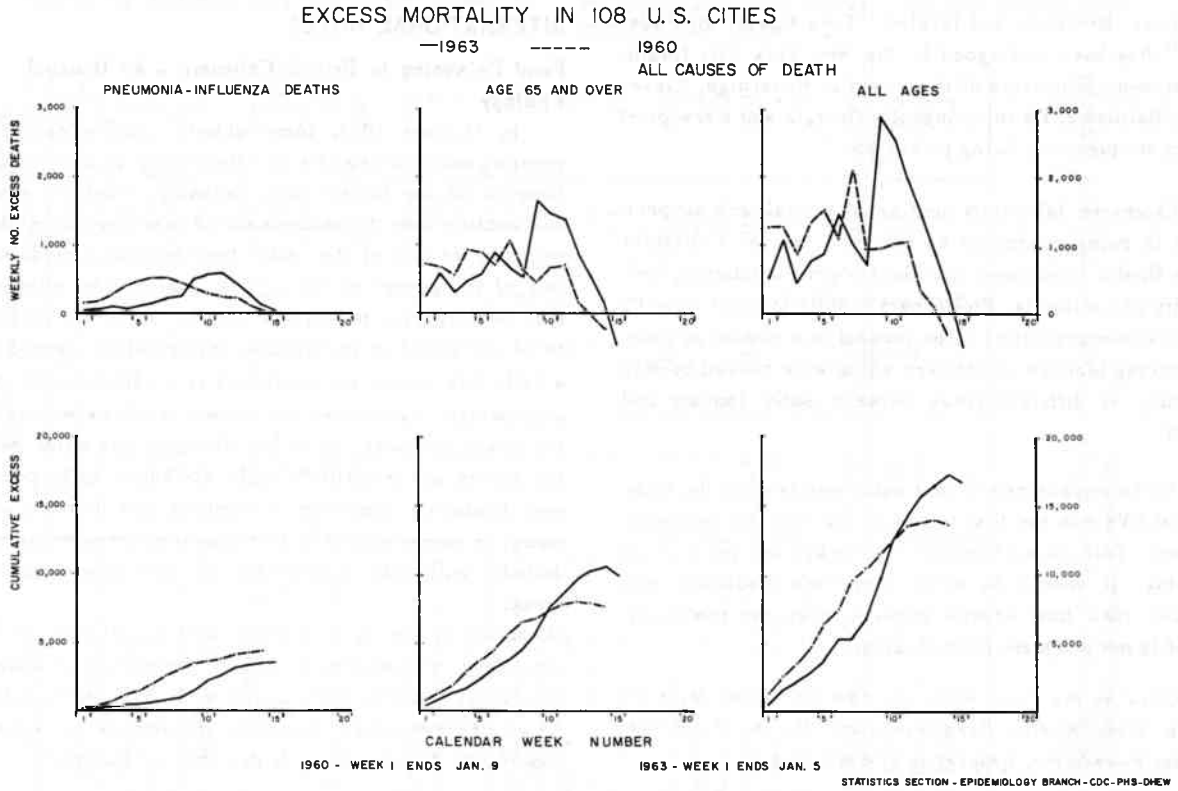
The epidemic curve and the spread within classrooms and homes seemed best explained by person- to-person contact transmission. Intensive bacteriologic and virologic laboratory investigations did not reveal any etiologic agent. *(Reported by Winslow J. Basbe, M. D., M.P.H. Acting Chief, Division of Communicable Diseases, Ohio Department of Health; Mrs. Pauline Kirkpatrick, R.N., Pickaway County Health Department; and the Communicable Disease Center.)*

Botulism – Canned Tuna – Supplemental Report

Since the death of two Michigan women due to Type E botulism acquired from commercially canned tuna (MMWR, Vol. 12, No. 12), intensive investigations have been conducted by the Food and Drug Administration, State, and local health departments. Tuna packed by the Washington Packing Company under several labels but identifiable by the code letters WY3 or WY2 (first three figures in the code) have been withdrawn from trade and laboratory study, particularly of defective cans, is in process.

The tuna involved was packed by the Washington Packing Company, San Francisco, at a new plant which began regular commercial operation in early January and terminated activities in early April. A few cases only of tuna were packed in December. Most of the production was shipped to the A & P Company as "A & P Chunk Tuna". This was promptly withdrawn by the company when the facts of the case were first known. Additional tuna packed under the tradenames "Tastewell" and "Ocean Beauty" was distributed only within California. That packed by the Washington Packing Company has been taken into custody by the California State Health Department. A quantity labeled Dagim brand packed for Dagim Tahorim

(Continued on page 126)



During the week ending April 13 excess pneumonia-influenza deaths for the 108 cities fell below the epidemic threshold for the first time since the week ending January 5th. The excess was 14 deaths in comparison to 109 during the week ending April 6th. In all Divisions except the East and West South Central and Pacific, pneumonia-influenza mortality was near expected levels for this time of the year. In the East and West South Central States further declines brought excess mortality to slightly above the epidemic threshold. In the Pacific States a small increase in pneumonia-influenza deaths caused the weekly total to slightly exceed the epidemic threshold.

Excess mortality during the 1963 epidemic is compared with that of the 1960 epidemic in the accompaning chart. The upper panels show weekly excess mortality for comparable weeks of the two epidemics. The lower panels show cumulative excess mortality for each epidemic.

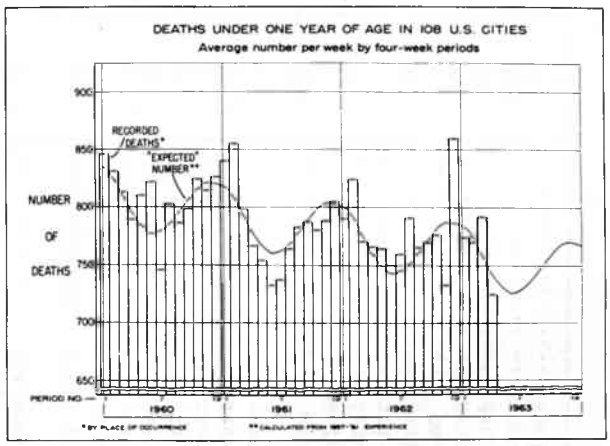
In 1963 excess pneumonia-influenza deaths increased later in the year and rose to a higher peak level than in 1960. However, the cumulative excess ascribed to pneumonia-influenza during the entire epidemic period was less in 1963 than in 1960.

Excess deaths from all causes at ages 65 and over and also at all ages, reached higher weekly levels in 1963 than in 1960 and the cumulative excess was also greater.

Infant Deaths – As shown in the accompanying table and bar chart, infant deaths were slightly below expected levels during the four week period ending April 13th.

INFANT DEATHS IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	3/23	3/30	4/6	4/13		
Observed	757	708	778	658	2,901	725
Expected	748	745	742	739	2,974	744
Excess	9	-37	36	-81	-73	-19



(See table, page 131)

Company, Brooklyn, and labeled "Tuna Kosher for Passover" has been embargoed by the New York City Health Department. Shipments of this brand to Pittsburgh, Cleveland, Baltimore, Detroit, Augusta, Georgia and a few other cities are presently being picked up.

Extensive laboratory testing of normal and suspect cans is being conducted by the FDA, by the California State Health Department and the Hooper Foundation, University of California. Preliminary results indicate type E, *C. botulinum* organisms to be present in a number of cans evidencing leakage or spoilage which were packed by this company at different times between early January and March.

To be emphasized is that only cans bearing the code WY2 or WY3 was the first letters in the code are presently suspect. This code identifies the packer and the year of packing. It should be noted that each tradename may include tuna from several packers; thus the tradename itself is not adequate identification.

(Reported by the Food and Drug Administration; the California State Health Department and Dr. K. F. Meyer, Hooper Foundation, University of California.)

INTERNATIONAL NOTES

Food Poisoning in British Columbia – An Unusual Etiology

In October 1962, three elderly couples developed vomiting and diarrhea shortly after eating a turkey supper. Samples of the turkey meat, dressing, cranberry sauce, and vomitus from the patients failed to reveal bacteriologic evidence of any of the usual food poisoning organisms. One of the guests at the supper suggested by telephone that he suspected the onions used in the turkey dressing to be the cause of the trouble. Investigation showed that a bulb, later positively identified as a daffodil bulb, was unknowingly substituted for onions used in making the the turkey dressing. As turkey dressing was eaten by all the guests and as daffodil bulbs are known to be poisonous, producing symptoms of vomiting and diarrhea when eaten, it seems probable that ingestion of portions of a daffodil bulb was responsible for this interesting outbreak.

(Reported by Dr. A. A. Larson, D.P.H., Director of Epidemiology, Department of Health Services and Hospital Insurance, Victoria, B.C., and E. W. R. Best, M.D., D.P.H., Chief, Epidemiology Division, Department of National Health and Welfare, Ottawa, Dominion of Canada.)

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area March 1963 and March 1962
Provisional Data

MARCH 1963 AND MARCH 1962

Reporting Area	March		Cumulative January - March	
	1963	1962	1963	1962
NEW ENGLAND	28	57	103	167
Maine	1	0	2	3
New Hampshire	0	0	2	2
Vermont	1	0	1	0
Massachusetts	12	44	49	113
Rhode Island	2	6	5	11
Connecticut	12	7	44	38
MIDDLE ATLANTIC	526	576	1,511	1,485
Upstate New York	52	56	137	159
New York City	297	367	871	839
Pa. (Excl. Phila.)	13	7	38	32
Philadelphia	76	59	202	181
New Jersey	88	87	263	274
EAST NORTH CENTRAL	181	167	483	448
Ohio	33	31	94	66
Indiana	3	11	12	24
Downstate Illinois	12	9	33	42
Chicago	77	73	226	212
Michigan	49	41	105	90
Wisconsin	7	2	13	14
WEST NORTH CENTRAL	44	29	112	91
Minnesota	9	3	22	12
Iowa	4	1	7	3
Missouri	19	20	45	42
North Dakota	0	0	0	1
South Dakota	0	2	5	12
Nebraska	6	1	16	4
Kansas	6	2	17	17
SOUTH ATLANTIC	619	483	1,558	1,390
Delaware	2	2	15	13
Maryland	40	40	130	136
District of Columbia	72	67	187	186
Virginia	28	47	79	116
West Virginia	9	1	15	10
North Carolina	92	53	230	148
South Carolina	68	59	182	167
Georgia	108	93	263	237
Florida	200	121	457	377

Reporting Area	March		Cumulative January - March	
	1963	1962	1963	1962
EAST SOUTH CENTRAL	134	95	381	282
Kentucky	3	16	24	39
Tennessee	46	26	142	80
Alabama	53	50	155	147
Mississippi	32	3	60	16
WEST SOUTH CENTRAL	227	234	686	665
Arkansas	18	15	48	33
Louisiana	43	107	148	293
Oklahoma	13	7	50	19
Texas	153	105	440	320
MOUNTAIN	31	32	119	90
Montana	0	0	0	0
Idaho	0	0	0	1
Wyoming	0	0	3	0
Colorado	3	3	17	11
New Mexico	8	7	26	19
Arizona	14	12	53	43
Utah	4	1	7	2
Nevada	2	9	13	14
PACIFIC	172	140	565	412
Washington	12	1	42	7
Oregon	3	3	10	10
California	156	135	506	390
Alaska	0	0	2	2
Hawaii	1	1	5	3
U. S. TOTAL	1,962	1,813	5,518	5,030
TERRITORIES	70	30	179	105
Puerto Rico	69	29	174	98
Virgin Islands	1	1	5	7

Note: Cumulative Totals include revised and delayed reports through previous months.

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

APRIL 13, 1963 AND APRIL 14, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	15th week		Cumulative First 15 weeks		15th week		Cumulative First 15 weeks		15th week		15th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	3	2	42	83	3	1	38	55	-	1	22	27
NEW ENGLAND	-	-	-	1	-	-	-	1	-	-	1	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	1	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	-	-	6	29	-	-	6	16	-	-	2	2
New York	-	-	4	29	-	-	4	16	-	-	2	1
New Jersey	-	-	1	-	-	-	1	-	-	-	-	-
Pennsylvania	-	-	1	-	-	-	1	-	-	-	-	1
EAST NORTH CENTRAL	2	-	11	9	2	-	10	6	-	-	-	6
Ohio	1	-	4	4	1	-	3	4	-	-	-	-
Indiana	-	-	-	3	-	-	-	2	-	-	-	-
Illinois	1	-	5	2	1	-	5	-	-	-	-	2
Michigan	-	-	2	-	-	-	2	-	-	-	-	4
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL	-	-	1	6	-	-	1	3	-	-	1	-
Minnesota	-	-	-	1	-	-	-	1	-	-	1	-
Iowa	-	-	-	3	-	-	-	2	-	-	-	-
Missouri	-	-	1	2	-	-	1	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	-	1	3	7	-	-	2	5	-	1	-	-
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	1	-	-	-	-	-	-	-	-
Virginia	-	-	-	1	-	-	-	1	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2	1	-	-	2	1	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	1	1	-	-	-	1	-	-	-	-
Florida	-	1	-	3	-	-	-	2	-	1	-	-
EAST SOUTH CENTRAL	1	-	3	2	1	-	2	1	-	-	3	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	1	-	1	1	1	-	1	-	-	-	-	-
Alabama	-	-	2	1	-	-	1	1	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	3	-
WEST SOUTH CENTRAL	-	1	10	18	-	1	10	15	-	-	3	3
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	9	4	-	-	9	4	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	1	1
Texas	-	1	1	14	-	1	1	11	-	-	2	2
MOUNTAIN	-	-	-	5	-	-	-	4	-	-	3	-
Montana	-	-	-	2	-	-	-	1	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	3	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	2	-	-	-	2	-	-	-	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	-	8	6	-	-	7	4	-	-	9	16
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	1	-	-	-	1	-	-	-	-	-
California	-	-	7	6	-	-	6	4	-	-	9	16
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	2	5	-	-	2	5	-	-	-	-

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

APRIL 13, 1963 AND APRIL 14, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
	15th week	Cumulative 15 weeks	15th week	Cumulative 15 weeks	15th week		15th week				15th week	
							Under 20 yr.	20 & over	Total			
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	6	93	8	101	39	52	391	359	791	1,168	17,543	24,158
NEW ENGLAND	-	-	-	3	4	3	45	23	72	58	714	2,831
Maine	-	-	-	-	-	-	20	11	31	19	15	162
New Hampshire	-	-	-	-	-	-	5	1	7	3	-	28
Vermont	-	-	-	-	-	-	1	-	1	-	111	96
Massachusetts	-	-	-	2	2	2	14	5	20	25	196	1,291
Rhode Island	-	-	-	1	2	1	-	3	4	2	37	166
Connecticut	-	-	-	-	-	-	5	3	9	9	355	1,088
MIDDLE ATLANTIC	-	4	3	16	6	11	67	62	129	166	1,528	4,803
New York	-	3	3	11	2	11	34	45	79	71	579	2,642
New Jersey	-	-	-	1	-	-	8	8	16	42	410	1,810
Pennsylvania	-	1	-	4	4	-	25	9	34	53	539	351
EAST NORTH CENTRAL	-	6	-	7	7	11	53	65	125	296	8,219	2,921
Ohio	-	-	-	-	2	4	16	21	41	92	913	489
Indiana	-	-	-	3	-	-	7	6	15	35	232	546
Illinois	-	6	-	2	2	-	10	16	27	84	355	860
Michigan	-	-	-	1	1	7	20	19	39	78	2,536	786
Wisconsin	-	-	-	1	2	-	-	3	3	7	4,183	240
WEST NORTH CENTRAL	4	69	-	28	3	3	20	21	43	99	1,053	1,363
Minnesota	-	6	-	15	1	1	-	3	4	19	29	24
Iowa	4	51	-	1	-	2	6	3	9	28	482	1,076
Missouri	-	4	-	1	1	-	9	13	22	24	416	26
North Dakota	-	-	-	-	-	-	2	-	2	3	121	227
South Dakota	-	3	-	7	-	-	-	-	-	-	-	8
Nebraska	-	3	-	4	1	-	-	1	2	9	5	2
Kansas	-	2	-	-	-	-	3	1	4	16	NN	NN
SOUTH ATLANTIC	-	1	2	20	4	5	44	29	75	112	1,202	1,235
Delaware	-	-	-	-	-	-	-	1	1	-	157	16
Maryland	-	-	-	-	1	1	8	6	14	14	66	144
District of Columbia	-	-	-	-	-	-	-	-	-	3	4	17
Virginia	-	-	-	1	-	2	4	3	7	13	265	363
West Virginia	-	-	-	1	-	-	4	3	7	20	328	290
North Carolina	-	-	-	1	-	-	20	6	26	41	94	124
South Carolina	-	-	-	3	-	-	-	-	-	1	123	20
Georgia	-	-	1	6	-	1	6	2	8	5	29	41
Florida	-	1	1	8	3	1	2	8	12	15	136	220
EAST SOUTH CENTRAL	-	2	-	8	3	2	55	33	89	141	820	1,481
Kentucky	-	-	-	-	-	-	14	3	18	33	382	52
Tennessee	-	1	-	1	-	-	26	16	42	62	306	1,223
Alabama	-	1	-	7	-	-	4	4	8	23	88	108
Mississippi	-	-	-	-	3	2	11	10	21	23	44	98
WEST SOUTH CENTRAL	-	7	3	17	-	3	29	30	63	81	1,224	5,217
Arkansas	-	2	-	1	-	1	5	3	8	12	52	383
Louisiana	-	-	2	2	-	-	10	10	21	12	6	9
Oklahoma	-	2	1	5	-	-	-	3	3	5	-	141
Texas	-	3	-	9	-	2	14	14	31	52	1,166	4,684
MOUNTAIN	-	1	-	1	1	-	12	4	37	50	1,196	1,097
Montana	-	-	-	-	-	-	4	1	5	11	94	369
Idaho	-	-	-	-	-	-	-	-	-	7	174	8
Wyoming	-	-	-	-	-	-	1	-	3	4	8	-
Colorado	-	-	-	-	-	-	-	-	6	6	306	264
New Mexico	-	-	-	1	-	-	5	2	7	4	NN	NN
Arizona	-	-	-	-	-	-	-	-	13	14	473	296
Utah	-	1	-	-	1	-	2	1	3	4	93	156
Nevada	-	-	-	-	-	-	-	-	-	-	48	4
PACIFIC	2	3	-	1	11	14	66	92	158	165	1,587	3,210
Washington	-	-	-	-	2	1	14	17	31	25	163	892
Oregon	-	-	-	-	-	-	10	11	21	28	173	737
California	2	3	-	1	9	13	38	61	99	106	996	1,488
Alaska	-	-	-	-	-	-	4	-	4	2	33	29
Hawaii	-	-	-	-	-	-	-	3	3	4	222	64
Puerto Rico	-	-	1	8	-	-	11	1	12	57	13	205

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

APRIL 13, 1963 AND APRIL 14, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	15th wk.	Cumulative 15 weeks	15th week		15th wk.	15th wk.	15th wk.	15th wk.	Cumulative 15 weeks	15th week		Cumulative 15 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES	54	898	7,406	7,980	4	-	4	13	108	98	109	1,053
NEW ENGLAND	5	62	909	474	-	-	-	1	5	2	-	8
Maine	-	10	71	12	-	-	-	-	-	-	-	1
New Hampshire	-	2	11	3	-	-	-	-	-	-	-	5
Vermont	-	2	-	4	-	-	-	-	1	2	-	2
Massachusetts	5	28	169	98	-	-	-	1	3	-	-	-
Rhode Island	-	6	73	30	-	-	-	-	-	-	-	-
Connecticut	-	14	585	327	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC	2	111	557	504	-	-	-	2	14	2	3	32
New York	-	50	349	272	-	-	-	1	10	1	3	22
New Jersey	1	19	106	78	-	-	-	1	1	-	-	-
Pennsylvania	1	42	102	154	-	-	-	-	3	1	-	10
EAST NORTH CENTRAL	4	142	1,132	1,236	-	-	1	1	6	17	34	145
Ohio	1	43	160	124	-	-	-	1	2	12	24	70
Indiana	-	17	147	180	-	-	-	-	1	2	6	19
Illinois	-	19	195	398	-	-	1	-	1	3	3	26
Michigan	3	44	410	223	-	-	-	-	1	-	-	20
Wisconsin	-	19	220	311	-	-	-	-	1	-	1	10
WEST NORTH CENTRAL	7	55	209	283	-	-	-	1	4	17	26	235
Minnesota	-	10	13	42	-	-	-	-	1	4	9	69
Iowa	-	2	55	96	-	-	-	-	1	8	6	76
Missouri	3	24	13	28	-	-	-	1	2	2	2	46
North Dakota	-	1	100	87	-	-	-	-	-	-	3	5
South Dakota	-	3	10	2	-	-	-	-	-	3	4	33
Nebraska	3	13	-	-	-	-	-	-	-	-	2	3
Kansas	1	2	18	28	-	-	-	-	-	-	-	3
SOUTH ATLANTIC	6	180	315	591	1	-	-	5	21	10	7	177
Delaware	-	1	6	10	-	-	-	-	-	-	-	-
Maryland	-	26	38	31	-	-	-	1	3	-	-	-
Dist. of Columbia	-	3	4	4	-	-	-	-	-	-	-	-
Virginia	1	47	134	150	-	-	-	2	3	1	2	64
West Virginia	-	9	-	147	-	-	-	-	5	5	5	67
North Carolina	2	29	31	39	-	-	-	-	3	-	-	4
South Carolina	1	12	19	36	-	-	-	-	-	-	-	5
Georgia	1	11	1	4	-	-	-	1	2	2	-	9
Florida	1	42	82	170	1	-	-	1	5	2	-	28
EAST SOUTH CENTRAL	5	85	963	1,456	-	-	1	1	9	8	9	102
Kentucky	2	28	50	29	-	-	-	-	2	4	6	43
Tennessee	2	33	860	1,282	-	-	-	1	6	4	3	48
Alabama	-	11	25	30	-	-	-	-	1	-	-	11
Mississippi	1	13	28	115	-	-	1	-	-	-	-	-
WEST SOUTH CENTRAL	4	103	698	845	2	-	2	-	20	18	25	211
Arkansas	-	5	8	2	-	-	-	-	7	5	1	17
Louisiana	1	46	-	11	-	-	2	-	5	2	-	25
Oklahoma	1	18	16	41	-	-	-	-	2	4	-	17
Texas	2	34	674	791	2	-	-	-	6	7	24	152
MOUNTAIN	5	32	1,334	1,067	-	-	-	-	2	4	1	21
Montana	-	1	50	81	-	-	-	-	-	-	-	-
Idaho	1	1	179	34	-	-	-	-	-	-	-	-
Wyoming	-	1	65	34	-	-	-	-	-	-	-	-
Colorado	1	7	545	369	-	-	-	-	1	-	-	-
New Mexico	-	2	237	217	-	-	-	-	1	3	1	11
Arizona	1	6	123	176	-	-	-	-	-	1	-	10
Utah	1	11	129	155	-	-	-	-	-	-	-	-
Nevada	1	3	6	1	-	-	-	-	-	-	-	-
PACIFIC	16	128	1,289	1,524	1	-	-	2	27	20	4	122
Washington	-	11	497	581	-	-	-	-	-	-	-	-
Oregon	1	6	38	42	-	-	-	-	2	-	-	1
California	14	105	696	828	1	-	-	2	23	14	4	115
Alaska	-	4	41	44	-	-	-	-	-	6	-	6
Hawaii	1	2	17	29	-	-	-	-	2	-	-	-
Puerto Rico	-	-	1	4	3	-	-	-	3	-	1	4

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE 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 weeks ending			
	3/23	3/30	4/6	4/13
NEW ENGLAND:				
Boston, Mass.	16	12	22	15
Bridgeport, Conn.	2	2	3	1
Cambridge, Mass.	0	0	3	0
Fall River, Mass.	2	0	3	2
Hartford, Conn.	5	5	3	6
Lowell, Mass.	3	2	0	2
Lynn, Mass.	0	2	1	0
New Bedford, Mass.	2	0	0	0
New Haven, Conn.	0	4	6	2
Providence, R.I.	4	6	2	1
Somerville, Mass.	0	0	1	1
Springfield, Mass.	4	3	2	0
Waterbury, Conn.	0	1	2	1
Worcester, Mass.	3	5	0	3
MIDDLE ATLANTIC:				
Albany, N.Y.	0	2	0	1
Allentown, Pa.	2	0	2	2
Buffalo, N.Y.	6	3	16	2
Camden, N.J.	0	4	1	0
Elizabeth, N.J.	2	1	2	4
Erie, Pa.	1	2	0	5
Jersey City, N.J.	5	8	5	10
Newark, N.J.	4	6	22	3
New York City, N.Y.	84	75	88	63
Paterson, N.J.	2	5	2	4
Philadelphia, Pa.	38	45	21	17
Pittsburgh, Pa.	13	22	20	4
Reading, Pa.	6	2*	2*	1*
Rochester, N.Y.	6	8	6	3
Schenectady, N.Y.	2	0	1	1
Scranton, Pa.	2	2	6	3
Syracuse, N.Y.	3	5	6	2
Trenton, N.J.	2	4	3	5
Utica, N.Y.	0	1	2	1
Yonkers, N.Y.	0	3	3	0
EAST NORTH CENTRAL:				
Akron, Ohio	7	5	4	4
Canton, Ohio	2	3	3	1
Chicago, Ill.	47	38	49	30
Cincinnati, Ohio	16	7	2	9
Cleveland, Ohio	10	9	6	15
Columbus, Ohio	3	6	9	13
Dayton, Ohio	6	6	7	9
Detroit, Mich.	17	16	21	30
Evansville, Ind.	3	2	2	0
Flint, Mich.	8	5	3	4
Fort Wayne, Ind.	2	2	4	5
Gary, Ind.	4	2	4	1
Grand Rapids, Mich.	3	2	2	4
Indianapolis, Ind.	15	13	7	8
Madison, Wis.	1	1	0	8
Milwaukee, Wis.	7	5	11	5
Peoria, Ill.	4	3	1	3
Rockford, Ill.	2	1	3	2*
South Bend, Ind.	5	2	5	0
Toledo, Ohio	0	7	4	7
Youngstown, Ohio	3	2	6	1
WEST NORTH CENTRAL:				
Des Moines, Iowa	0	4	5	4
Duluth, Minn.	3	1	1	2
Kansas City, Kans.	9	3	6	1
Kansas City, Mo.	10	3	11	4
Lincoln, Nebr.	2	1	1	3
Minneapolis, Minn.	4	6	6	4
Omaha, Nebr.	2	7	6	11
St. Louis, Mo.	16	14	20	8
St. Paul, Minn.	2	6	3	4
Wichita, Kans.	9	3	3	4
SOUTH ATLANTIC:				
Atlanta, Ga.	12	12	10	8
Baltimore, Md.	27	11	26	17
Charlotte, N.C.	2	3	4	1
Jacksonville, Fla.	3	4	9	2
Miami, Fla.	5	3	0	6
Norfolk, Va.	6	9	9	5
Richmond, Va.	8	4	5	4
Savannah, Ga.	1	1	4	2
St. Petersburg, Fla.	2	0	1	7
Tampa, Fla.	4	6	4	5
Washington, D.C.	12	12	32	25
Wilmington, Del.	1	1	4	4
EAST SOUTH CENTRAL:				
Birmingham, Ala.	2	8	2	5
Chattanooga, Tenn.	4	4	3	2
Knoxville, Tenn.	2	3	2	3
Louisville, Ky.	8	9	9	8
Memphis, Tenn.	14	4	12	8
Mobile, Ala.	4	5	1	1
Montgomery, Ala.	3	2	2	5
Nashville, Tenn.	12	8	6	7
WEST SOUTH CENTRAL:				
Austin, Tex.	4	4	2	4
Baton Rouge, La.	2	1	2	1
Corpus Christi, Tex.	0	7	4	2
Dallas, Tex.	13	10	12	4
El Paso, Tex.	4	4	6	5
Fort Worth, Tex.	5	3	9	3
Houston, Tex.	17	10	17	11
Little Rock, Ark.	3	4	4	5
New Orleans, La.	12	8	8	15
Oklahoma City, Okla.	6	6	3	9
San Antonio, Tex.	11	12	6	15
Shreveport, La.	4	2	7	6
Tulsa, Okla.	3	4	7	3
MOUNTAIN:				
Albuquerque, N. Mex.	2	4	11	2
Colorado Springs, Colo.	1	1	0	2
Denver, Colo.	19	3	14	9
Ogden, Utah	0	3	1	0
Phoenix, Ariz.	9	1	7	7
Pueblo, Colo.	2	1	0	0
Salt Lake City, Utah	6	5	6	5
Tucson, Ariz.	3	1	1	3
PACIFIC:				
Berkeley, Calif.	0	0	0	0
Fresno, Calif.	3	2	4	4*
Glendale, Calif.	1	2	1	0
Honolulu, Hawaii	5	3	8	6
Long Beach, Calif.	6	3	2	4
Los Angeles, Calif.	32	44	26	36
Oakland, Calif.	6	5	7	5
Pasadena, Calif.	0	0	1	0
Portland, Oreg.	5	6	3	8
Sacramento, Calif.	4	5	5	3
San Diego, Calif.	6	9	8	5
San Francisco, Calif.	12	10	4	11
San Jose, Calif.	2	4	2	3
Seattle, Wash.	8	5	4	7*
Spokane, Wash.	3	3	3	2
Tacoma, Wash.	1	4	4	3
San Juan, P.R.	1	2	0	(---)

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,202
4(B) Pneumonia-Influenza Deaths, all ages	513
4(C) Total Deaths under 1 Year of Age	658
4(D) Total Deaths, Persons 65 years and over	6,284

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1962 edition
Public Health Service Publication No. 384

The following corrections should be made to the list of Yellow Fever Vaccination Centers in Section 6, page 75:

CITY:	Durham, North Carolina
CENTER:	Duke Medical Private Diagnostic Clinic Duke University Medical Center Tel. 681-0111, Ext. 2411
CLINIC HOURS:	By Appointment only
FEE:	Yes

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.

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

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