

Morbidity and Mortality

Weekly Report

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

Prepared by the **COMMUNICABLE DISEASE CENTER** 634-5131

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ATLANTA, GEORGIA 30333

Vol. 13, No. 13

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 28, 1964

INFLUENZA

Pneumonia and influenza deaths in 12 reporting cities in the Pacific Coast region declined slightly during the past week from a peak level of 90 deaths reached during the week ended March 21. (See graph, p. 110). This figure however, has remained above the epidemic threshold for the past 6 consecutive weeks. Pneumonia and influenza deaths in 108 cities representing the country as a whole were below threshold during the past week. Regions other than the Pacific Coast have shown no sustained elevations.

California

An elevated incidence of influenza-like disease is

currently being observed in many widely separated areas in the State. While the sharp, community wide outbreaks which have characterized recent epidemics in Washington and Oregon have not been noted in California, there has been a distinct increase in the number of cases seen in recent weeks, accompanied in some communities by significant increases in school absenteeism. The number of serologically confirmed cases of influenza A₂ has risen sharply during the past several weeks (see MMWR, Vol. 13, p. 101) as have pneumonia and influenza deaths in 8 reporting cities.

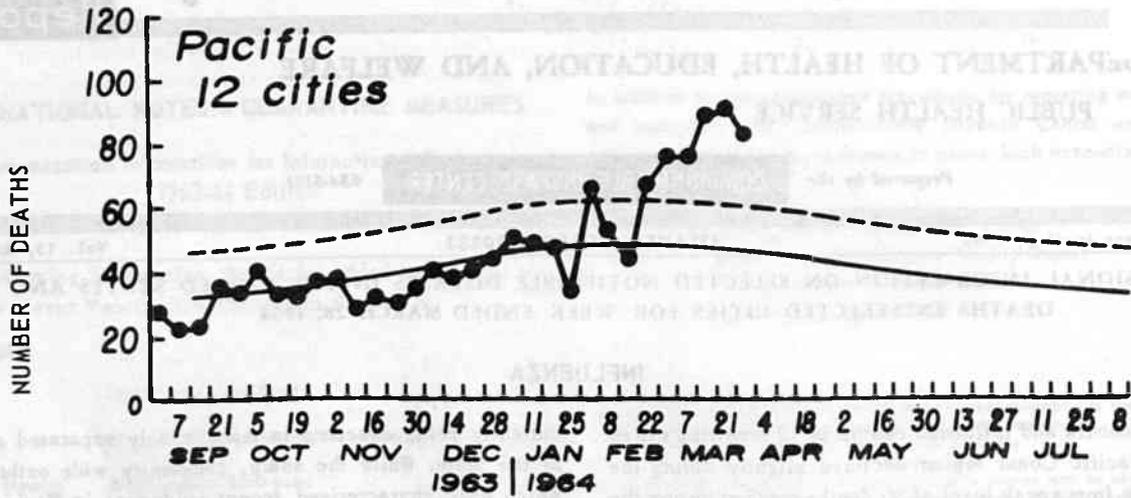
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Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	13th Week Ended		Median 1959 - 1963	Cumulative, First 13 Weeks		Median 1959 - 1963
	March 28, 1964	March 30 1963		1964	1963	
Aseptic meningitis	30	15	---	342	283	---
Brucellosis	6	1	11	90	77	134
Diphtheria	2	4	6	46	85	201
Encephalitis, primary infectious ..	37	---	---	400	---	---
Encephalitis, post-infectious	19	39	---	143	310	---
Hepatitis, infectious including serum hepatitis	821	845	845	12,104	13,805	13,805
Measles	14,621	15,679	15,679	122,667	144,796	151,176
Meningococcal infections	64	69	54	744	760	739
Poliomyelitis, Total	-	1	4	16	38	103
Paralytic	-	1	4	13	33	60
Nonparalytic	-	-	---	3	2	---
Unspecified	-	-	---	-	3	---
Streptococcal Sore Throat and Scarlet fever	11,668	9,700	---	139,295	129,780	---
Tetanus	1	1	---	45	43	---
Tularemia	2	3	---	70	51	---
Typhoid fever	6	5	5	81	79	113
Rabies in Animals	105	72	74	1,033	857	1,011

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis: Ohio - 1, Calif - 1	12
Botulism:	6	Rabies in Man:	-
Leptospirosis: Ore. - 1	6	Smallpox:	-
Malaria: N.Y. City - 2, Pa. - 1, Calif - 1	25	Typhus-	
Plague:	-	Murine:	2
		Rky Mt. Spotted:	3



-- Epidemic Threshold
 — "Expected" Number

Among the areas involved were San Joaquin and San Mateo Counties where absenteeism reached levels of 20-25 percent in some schools during early and mid-March. In the latter county, high school students appeared to be more severely affected than those of elementary school age. During the same period, Butte and Merced Counties witnessed a distinct increase in the incidence of flu-like disease, accompanied by elevated school and industrial absenteeism in the latter county.

Overall absenteeism in 9 school jurisdictions in which continuous surveillance is maintained rose moderately in early March and reached a mean level of about 10 percent for the week ended March 14.

WEEKLY PNEUMONIA AND INFLUENZA DEATHS IN EIGHT CALIFORNIA CITIES

Week ending	Observed	Expected	Percent Excess
March 7	58	35	65
March 14	67	34	96
March 21	76	34	124
March 28	74	34	118
Four week total	275	137	101
Four week mean	69	34	103

Pneumonia-influenza deaths in 8 reporting cities first exceeded the expected level in mid-February and have continued to rise since then. Reported deaths during the past 4 weeks compared with the expected incidence (mean for the period 1958-63) are given in the table above.

(Reported by Philip K. Condit, M.D., Chief, Bureau of Communicable Disease, State Department of Health, Berkeley, California).

Oregon

A total of 3,515 cases of influenza-like disease were reported to State health officials in Portland during the past week, as compared to 4,224 cases during the previous week. This represents the first interval in which a decline in case reports was noted since the current epidemic began in mid-February. Influenza A₂ has been confirmed serologically as the etiologic agent in 3 additional cases during the past week, bringing to 11 the total number of laboratory confirmed cases.

(Reported by Dr. Grant Skinner, Director, Epidemiology Section, State Board of Health, Portland, Oregon).

RABIES - Canal Zone

The first case of canine rabies to be reported in the Canal Zone since 1910 occurred in Balboa in August 1963. A 10-year-old male dog died 30 days following inoculation with chick embryo rabies vaccine. The dog had been vaccinated 3 years previously. The diagnosis was established both by fluorescein antibody and mouse inoculation tests.

The dog had resided in the Canal Zone all its life- he had never traveled outside the Zone.

The mode of transmission remains in doubt. Six months earlier, a bat found near the dog's home, had been proved rabid. It cannot be determined whether the dog was bitten by some unidentified rabid animal or whether the disease was due to vaccine virus infection.

(Reported by Dr. Robert G. Matheny, Chief, Division of Veterinary Medicine, Canal Zone Department of Health.)

TULAREMIA - New York

Tularemia was diagnosed retrospectively in a 51-year old Suffolk County man who skinned and ate a rabbit which his dog had killed and brought home in early November.

Three days after the skinning, the patient experienced chills and fever; four days later a pustule developed between his fingers, but was not noticed by his physician. Tetracycline was given and the patient appeared improved. About 2 weeks later, an axillary lymph node became tender and a pulmonary infiltrate was seen on X-ray. Culture of the node was negative for tuberculosis. The diagnosis remained in doubt.

Five weeks after onset, the patient mentioned the pustule to the physician, who then suspected tularemia. The agglutination titer was 1/640.

(Reported by Max Backer, M.D., Suffolk County Health Department and Robert M. Albrecht, M.D., Director, Office of Epidemiology, New York State Health Department.)

ANTHRAX - Arkansas

The case of human anthrax, reported in Arkansas for the week ended February 29, involved a 23-year-old white male dairy farm worker.

The patient began working on the farm January 27 at a variety of chores including milking and preparing feed for the cows. His work resulted in multiple and frequent minor skin abrasions on both hands. He denied contact with sick or dead animals.

A small papule and vesicle, painless but itchy, developed between the thumb and first finger of his left hand on February 17. During the next 3 days, 3 additional lesions appeared on his left hand and 4 on his right hand. Bilateral tender axillary lymphadenopathy was noted. On February 26, when he had a temperature of 99.2°F, he received 600,000 units of penicillin, which was repeated the following day. He became afebrile, and on February 28 each cutaneous lesion had developed into a black eschar; axillary lymphadenopathy diminished.

Cultures of the lesion, taken after administration of penicillin proved negative for *Bacillus anthracis*. The diagnosis was made on clinical impression. This area of the State is not known as an animal anthrax area.

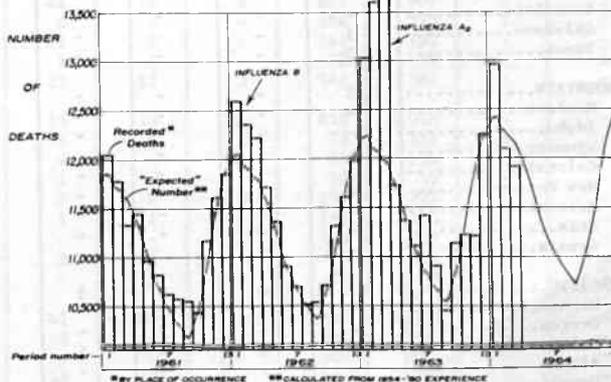
(Reported by L. J. Strickland, M.D.; W. M. Taegel, D.V.M., and William J. Hatley, Little Rock City Health Department; Dora Pickard, P.H.N., and Mrs. May Ferguson, P.H.N., Lonoke County Health Department; Harvie R. Ellis, D.V.M., Director, Division of Veterinary Public Health, William L. Bunch, Jr., M.D., Director, Communicable Disease Control, and J. T. Herron, M.D., State Health Officer, Arkansas State Board of Health.)

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending March 28 was 11,912 as compared with an expected weekly average of 12,151

	Week Ending				4 Week Total	Weekly Average
	3/7	3/14	3/21	3/28		
Observed	12,223	12,052	11,949	11,425	47,649	11,912
Expected	12,217	12,179	12,132	12,076	48,604	12,151
Excess	6	-127	-183	-651	-955	-239

TOTAL DEATHS RECORDED IN 108 U.S. CITIES
Average Number per Week by Four-Week Periods



(See table, page 115)

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

MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
	1964	1963	Primary	Post-Inf.	1964	1963	Cumulative		1964	1963	Cumulative	
							1964	1963			1964	1963
UNITED STATES...	30	15	37	19	16	1	16	38	-	1	13	33
NEW ENGLAND.....	2	1	-	1	-	-	-	-	-	-	-	-
Maine.....	1	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	1	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	3	3	18	3	-	-	4	5	-	-	4	5
New York City.....	-	-	6	-	-	-	1	-	-	-	1	-
New York, Up-State.....	1	1	7	2	-	-	2	4	-	-	2	4
New Jersey.....	-	-	4	-	-	-	1	-	-	-	1	-
Pennsylvania.....	2	2	1	1	-	-	-	1	-	-	-	1
EAST NORTH CENTRAL...	5	2	7	7	-	-	1	9	-	-	1	7
Ohio.....	1	-	2	-	-	-	-	2	-	-	-	1
Indiana.....	1	-	-	-	-	-	-	-	-	-	-	-
Illinois.....	2	1	3	4	-	-	1	5	-	-	1	4
Michigan.....	1	1	2	3	-	-	-	2	-	-	-	2
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	1	-	1	-	-	-	-	1	-	-	-	1
Minnesota.....	1	-	1	-	-	-	-	1	-	-	-	1
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	2	1	3	1	-	-	9	3	-	-	6	2
Delaware.....	1	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	2	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	1	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	-	-	-	-	4	2	-	-	1	2
South Carolina.....	1	-	-	-	-	-	1	-	-	-	1	-
Georgia.....	-	-	-	-	-	-	1	1	-	-	1	-
Florida.....	-	1	1	-	-	-	3	-	-	-	3	-
EAST SOUTH CENTRAL...	4	2	-	2	-	-	-	2	-	-	-	1
Kentucky.....	3	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	1	-	2	-	-	-	-	-	-	-	-
Alabama.....	-	1	-	-	-	-	-	2	-	-	-	1
Mississippi.....	1	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	3	-	-	-	-	-	-	9	-	-	-	9
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	-	8	-	-	-	8
Oklahoma.....	1	-	-	-	-	-	-	-	-	-	-	-
Texas.....	2	-	-	-	-	-	-	1	-	-	-	1
MOUNTAIN.....	3	-	-	-	-	-	1	1	-	-	1	1
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	1	-	-	-	1
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	3	-	-	-	-	-	1	-	-	-	1	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	7	6	8	5	-	1	1	8	-	1	1	7
Washington.....	-	1	2	-	-	-	-	1	-	-	-	1
Oregon.....	-	-	1	-	-	-	-	1	-	-	-	1
California.....	7	5	5	5	-	1	1	6	-	1	1	5
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	2	-	-	-	2

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK) - Continued

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum.	1964	Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative		1964	Cum.
		1964		1964					1964	1963		1964
UNITED STATES...	6	90	2	46	821	388	391	42	12,104	13,805	6	81
NEW ENGLAND.....	-	-	-	1	83	41	39	3	1,381	1,741	-	6
Maine.....	-	-	-	-	27	15	12	-	493	807	-	-
New Hampshire.....	-	-	-	-	1	1	-	-	118	116	-	-
Vermont.....	-	-	-	-	12	6	5	1	171	23	-	-
Massachusetts.....	-	-	-	1	22	10	11	1	263	516	-	3
Rhode Island.....	-	-	-	-	4	2	1	1	60	41	-	3
Connecticut.....	-	-	-	-	17	7	10	-	276	238	-	-
MIDDLE ATLANTIC.....	1	2	-	4	205	105	100	-	2,712	2,704	-	11
New York City.....	-	-	-	1	19	5	14	-	382	308	-	2
New York, Up-State.....	1	1	-	-	89	60	29	-	1,232	1,234	-	3
New Jersey.....	-	-	-	2	70	27	43	-	470	424	-	-
Pennsylvania.....	-	1	-	1	27	13	14	-	628	738	-	6
EAST NORTH CENTRAL...	-	13	-	6	130	54	70	6	1,794	2,189	2	18
Ohio.....	-	-	-	-	25	8	16	1	482	653	1	14
Indiana.....	-	1	-	-	6	3	3	-	143	192	-	2
Illinois.....	-	10	-	6	23	8	14	1	281	455	1	2
Michigan.....	-	-	-	-	70	34	36	-	793	771	-	-
Wisconsin.....	-	2	-	-	6	1	1	4	95	118	-	-
WEST NORTH CENTRAL...	4	49	-	8	23	15	3	5	738	592	-	9
Minnesota.....	-	2	-	1	2	-	-	-	52	107	-	-
Iowa.....	4	25	-	-	2	1	1	-	108	96	-	3
Missouri.....	-	4	-	-	7	6	1	-	186	254	-	2
North Dakota.....	-	1	-	-	-	-	-	-	32	11	-	-
South Dakota.....	-	8	-	-	3	2	1	-	81	15	-	1
Nebraska.....	-	8	-	-	1	-	-	1	18	43	-	-
Kansas.....	-	1	-	7	10	6	-	4	261	66	-	3
SOUTH ATLANTIC.....	-	6	1	11	93	47	42	4	1,176	1,487	2	18
Delaware.....	-	-	-	-	10	2	8	-	24	23	-	-
Maryland.....	-	-	-	-	24	18	6	-	220	163	-	-
Dist. of Columbia..	-	-	-	-	3	-	-	3	25	57	-	-
Virginia.....	-	2	-	-	11	3	7	1	173	331	2	4
West Virginia.....	-	-	-	-	9	6	3	-	213	219	-	-
North Carolina.....	-	1	-	-	8	6	2	-	212	397	-	9
South Carolina.....	-	-	-	3	1	-	1	-	37	66	-	1
Georgia.....	-	2	1	6	2	1	1	-	26	53	-	-
Florida.....	-	1	-	2	25	11	14	-	246	178	-	4
EAST SOUTH CENTRAL...	-	3	-	4	53	28	24	1	814	1,394	1	10
Kentucky.....	-	-	-	-	13	2	10	1	356	422	1	5
Tennessee.....	-	-	-	1	28	15	13	-	282	523	-	4
Alabama.....	-	2	-	2	6	5	1	-	113	218	-	1
Mississippi.....	-	1	-	1	6	6	-	-	63	231	-	-
WEST SOUTH CENTRAL...	-	4	-	6	63	44	16	3	862	907	1	5
Arkansas.....	-	1	-	-	7	6	1	-	106	115	1	2
Louisiana.....	-	1	-	2	14	12	2	-	164	151	-	-
Oklahoma.....	-	1	-	-	4	3	1	-	51	54	-	3
Texas.....	-	1	-	4	38	23	12	3	541	587	-	-
MOUNTAIN.....	-	7	1	1	46	13	13	20	810	1,015	-	-
Montana.....	-	-	-	-	7	4	2	1	73	161	-	-
Idaho.....	-	-	-	-	4	-	-	4	62	151	-	-
Wyoming.....	-	-	-	-	1	1	-	-	32	10	-	-
Colorado.....	-	-	-	-	16	5	8	3	236	220	-	-
New Mexico.....	-	1	1	1	2	1	1	-	135	123	-	-
Arizona.....	-	1	-	-	11	-	-	11	173	225	-	-
Utah.....	-	5	-	-	4	2	2	-	75	116	-	-
Nevada.....	-	-	-	-	1	-	-	1	24	9	-	-
PACIFIC.....	1	6	-	5	125	41	84	-	1,817	1,776	-	4
Washington.....	-	-	-	5	9	3	6	-	188	284	-	-
Oregon.....	1	1	-	-	13	5	8	-	189	265	-	-
California.....	-	5	-	-	100	33	67	-	1,339	1,177	-	4
Alaska.....	-	-	-	-	1	-	1	-	57	41	-	-
Hawaii.....	-	-	-	-	2	-	2	-	44	9	-	-
Puerto Rico	-	-	-	3	9	-	-	9	144	156	-	5

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

MARCH 28, 1964 AND MARCH 30, 1963 (13th WEEK) - Continued

Area	Measles	Meningococcal Meningitis		Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals		
		1964	1964	Cumulative		1964	1963	1964	1964	1964	1964	1964
				1964	1963							
UNITED STATES...	14,621	64	744	760	11,668	9,700	1	45	2	70	105	1,033
NEW ENGLAND.....	519	4	25	53	1,133	1,243	-	-	-	-	1	2
Maine.....	94	-	2	9	132	61	-	-	-	-	-	-
New Hampshire.....	7	-	-	2	2	8	-	-	-	-	-	1
Vermont.....	56	-	-	1	38	11	-	-	-	-	1	1
Massachusetts.....	184	3	13	23	187	183	-	-	-	-	-	-
Rhode Island.....	60	-	2	6	85	114	-	-	-	-	-	-
Connecticut.....	118	1	8	12	689	866	-	-	-	-	-	-
MIDDLE ATLANTIC.....	2,377	4	72	101	700	618	1	1	-	-	-	20
New York City.....	625	-	10	12	35	63	-	-	-	-	-	-
New York, Up-State.....	590	3	28	33	500	292	-	-	-	-	-	19
New Jersey.....	619	-	14	16	129	184	-	-	-	-	-	-
Pennsylvania.....	543	1	20	40	36	79	1	1	-	-	-	1
EAST NORTH CENTRAL...	4,215	13	124	132	1,956	1,258	-	5	-	7	10	97
Ohio.....	808	4	40	35	367	232	-	1	-	1	4	48
Indiana.....	985	3	19	17	165	159	-	1	-	-	-	7
Illinois.....	565	3	27	22	258	173	-	2	-	4	3	15
Michigan.....	1,121	2	31	40	824	413	-	1	-	1	2	11
Wisconsin.....	736	1	7	18	342	281	-	-	-	1	1	16
WEST NORTH CENTRAL...	926	2	37	44	461	216	-	2	-	21	38	328
Minnesota.....	3	-	8	9	59	27	-	-	-	1	8	95
Iowa.....	316	-	2	2	92	86	-	-	-	1	17	112
Missouri.....	79	-	17	19	46	4	-	2	-	13	6	68
North Dakota.....	215	-	3	1	148	96	-	-	-	-	1	16
South Dakota.....	-	-	-	3	-	-	-	-	-	-	6	24
Nebraska.....	313	1	2	9	-	-	-	-	-	-	-	8
Kansas.....	NN	1	5	1	116	3	-	-	-	6	-	5
SOUTH ATLANTIC.....	1,442	12	169	162	779	814	-	17	2	12	13	180
Delaware.....	21	-	2	1	20	10	-	-	-	-	-	-
Maryland.....	145	1	13	25	73	36	-	1	-	-	-	-
Dist. of Columbia..	27	1	5	3	11	5	-	-	-	-	-	-
Virginia.....	467	1	14	37	235	268	-	1	-	3	9	130
West Virginia.....	249	-	13	9	202	195	-	-	-	-	-	7
North Carolina.....	36	4	30	24	16	45	-	7	2	3	-	2
South Carolina.....	208	1	19	11	60	129	-	2	-	-	-	-
Georgia.....	2	1	15	10	7	1	-	-	-	6	2	18
Florida.....	287	3	58	42	155	125	-	6	-	-	2	23
EAST SOUTH CENTRAL...	2,125	7	63	53	2,247	1,446	-	6	-	16	13	163
Kentucky.....	683	-	11	17	498	245	-	-	-	1	3	23
Tennessee.....	1,192	3	28	25	1,646	1,118	-	3	-	11	9	136
Alabama.....	114	3	13	7	20	24	-	3	-	3	1	4
Mississippi.....	136	1	11	4	83	59	-	-	-	1	-	-
WEST SOUTH CENTRAL...	84	9	62	84	1,374	794	-	7	-	10	16	163
Arkansas.....	54	-	4	5	4	2	-	1	-	1	2	40
Louisiana.....	1	9	55	36	12	1	-	3	-	-	4	19
Oklahoma.....	29	-	3	15	93	18	-	-	-	9	-	14
Texas.....	-	-	-	28	1,265	773	-	3	-	-	10	90
MOUNTAIN.....	727	2	34	25	1,620	1,816	-	2	-	4	7	44
Montana.....	71	-	-	-	60	65	-	-	-	1	-	-
Idaho.....	125	-	1	-	177	185	-	-	-	-	-	-
Wyoming.....	5	-	1	1	33	24	-	1	-	1	-	-
Colorado.....	85	-	7	6	674	709	-	-	-	-	-	-
New Mexico.....	1	-	16	2	307	422	-	1	-	-	3	23
Arizona.....	390	-	2	5	151	194	-	-	-	-	4	21
Utah.....	46	-	1	10	210	215	-	-	-	2	-	-
Nevada.....	4	2	6	1	8	2	-	-	-	-	-	-
PACIFIC.....	2,206	11	158	106	1,398	1,495	-	5	-	-	7	36
Washington.....	680	1	14	11	449	500	-	-	-	-	-	-
Oregon.....	323	2	7	5	39	23	-	-	-	-	-	-
California.....	1,166	6	128	85	850	899	-	5	-	-	7	36
Alaska.....	30	2	5	4	23	69	-	-	-	-	-	-
Hawaii.....	7	-	4	1	37	4	-	-	-	-	-	-
Puerto Rico	87	-	8	-	27	9	-	16	-	-	1	3

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.)^o

Area	For weeks ending				Area	For weeks ending			
	3/7	3/14	3/21	3/28		3/7	3/14	3/21	3/28
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	274	254	274	194	Atlanta, Ga.	119	151	130	123
Bridgeport, Conn.	42	39	50	49	Baltimore, Md.	277	270	238	237
Cambridge, Mass.	31	25	27	20	Charlotte, N.C.	58	41	38	39*
Fall River, Mass.	28	29	33	29	Jacksonville, Fla.	96	67	64	68
Hartford, Conn.	46	51	53	44	Miami, Fla.	95	88	88	84
Lowell, Mass.	29	29	20	31	Norfolk, Va.	68	55	48	58
Lynn, Mass.	22	33	28	21	Richmond, Va.	93	94	96	85
New Bedford, Mass.	26	29	22	31	Savannah, Ga.	53	40	32	35
New Haven, Conn.	43	44	54	42	St. Petersburg, Fla.	95	87	85	83
Providence, R.I.	67	66	54	65	Tampa, Fla.	74	61	83	87
Somerville, Mass.	12	11	17	12	Washington, D.C.	220	190	220	198
Springfield, Mass.	43	51	47	44	Wilmington, Del.	34	40	40	26
Waterbury, Conn.	24	21	25	21	EAST SOUTH CENTRAL:				
Worcester, Mass.	61	64	54	47	Birmingham, Ala.	112	100	97	85
MIDDLE ATLANTIC:					Chattanooga, Tenn.	59	45	44	60
Albany, N.Y.	46	36	71	44	Knoxville, Tenn.	42	30	47	30
Allentown, Pa.	28	33	38	29	Louisville, Ky.	112	145	119	126
Buffalo, N.Y.	150	161	152	140	Memphis, Tenn.	137	142	129	113
Camden, N.J.	45	52	42	37	Mobile, Ala.	48	53	36	51
Elizabeth, N.J.	41	20	23	21	Montgomery, Ala.	36	27	34	33
Erie, Pa.	49	38	41	49	Nashville, Tenn.	104	86	101	90
Jersey City, N.J.	81	70	80	61	WEST SOUTH CENTRAL:				
Newark, N.J.	98	101	97	116	Austin, Tex.	39	28	55	36
New York City, N.Y.	1,801	1,757	1,726	1,643	Baton Rouge, La.	16	33	30	30
Paterson, N.J.	45	32	37	26	Corpus Christi, Tex.	34	20	22	22
Philadelphia, Pa.	537	585	508	396	Dallas, Tex.	145	124	136	126
Pittsburgh, Pa.	184	185	201	184	El Paso, Tex.	51	29	49	27
Reading, Pa.	57	46	42	50	Fort Worth, Tex.	51	68	70	71
Rochester, N.Y.	102	110	112	93	Houston, Tex.	174	184	187	183
Schenectady, N.Y.	19	25	25	29	Little Rock, Ark.	43	62	50	59
Scranton, Pa.	48	54	37	39	New Orleans, La.	189	169	197	189
Syracuse, N.Y.	64	65	56	50	Oklahoma City, Okla.	90	74	69	68
Trenton, N.J.	27	54	45	42	San Antonio, Tex.	124	103	113	82
Utica, N.Y.	31	31	27	29	Shreveport, La.	72	47	59	58
Yonkers, N.Y.	27	22	34	31	Tulsa, Okla.	78	62	26	59
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.	71	67	50	55	Albuquerque, N. Mex.	42	42	30	38
Canton, Ohio.	49	40	29	37	Colorado Springs, Colo.	23	16	20	26
Chicago, Ill.	800	755	701	677	Denver, Colo.	124	126	115	118
Cincinnati, Ohio.	167	172	164	174	Ogden, Utah.	16	21	15	13
Cleveland, Ohio.	256	190	205	210	Phoenix, Ariz.	93	104	118	119
Columbus, Ohio.	137	107	120	109	Pueblo, Colo.	16	15	27	20
Dayton, Ohio.	86	97	79	97	Salt Lake City, Utah.	49	59	56	57
Detroit, Mich.	361	336	321	373	Tucson, Ariz.	50	45	43	58
Evansville, Ind.	32	36	41	32	PACIFIC:				
Flint, Mich.	56	46	48	46	Berkeley, Calif.	21	18	25	19
Fort Wayne, Ind.	32	39	35	24	Fresno, Calif.	49	29	49	41
Gary, Ind.	26	36	20	24	Glendale, Calif.	46	53	24	35
Grand Rapids, Mich.	50	58	52	46	Honolulu, Hawaii.	39	37	40	29
Indianapolis, Ind.	141	148	154	152	Long Beach, Calif.	74	74	74	74
Madison, Wis.	30	32	46	24	Los Angeles, Calif.	533	593	593	584
Milwaukee, Wis.	114	155	126	110	Oakland, Calif.	78	135	103	112
Peoria, Ill.	27	39	23	27	Pasadena, Calif.	29	29	38	29
Rockford, Ill.	28	32	21	31	Portland, Oreg.	106	154	94	121
South Bend, Ind.	43	34	53	24	Sacramento, Calif.	70	79	78	94
Toledo, Ohio.	113	89	85	105	San Diego, Calif.	103	100	98	104*
Youngstown, Ohio.	54	46	58	46	San Francisco, Calif.	210	223	251	218
WEST NORTH CENTRAL:					San Jose, Calif.	51	55	46	54
Des Moines, Iowa.	56	59	81	50	Seattle, Wash.	153	144	156	167
Duluth, Minn.	26	24	33	21	Spokane, Wash.	59	59	50	62
Kansas City, Kans.	44	34	55	41*	Tacoma, Wash.	50	38	50	51
Kansas City, Mo.	137	121	118	132	San Juan, P.R.				
Lincoln, Nebr.	35	25	29	24	17	27	28	(---)	
Minneapolis, Minn.	124	116	134	120	^o Current Week Mortality for 108 Selected Cities				
Omaha, Nebr.	86	86	67	78	4(A) Total Mortality, all ages.	11,425			
St. Louis, Mo.	239	241	262	267	4(B) Pneumonia-Influenza Deaths, all ages.	479			
St. Paul, Minn.	68	72	71	68	4(C) Total Deaths under 1 Year of Age.	712			
Wichita, Kans.	66	60	64	44	4(D) Total Deaths, Persons 65 years and over.	6,449			

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

NOTE: All deaths by place of occurrence.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel

1963-64 edition Public Health Service Publication No. 384

Please make the following change in the list of Yellow Fever Vaccination Centers in Section 6:

Delete:

City: San Pedro, California
Center: San Pedro Outpatient Clinic
 825 South Beacon Street
 Telephone TE 2-0213
Clinic Hours: Monday – Friday, 1-3 p.m.
Fee: No

Insert:

City: San Pedro, California
Center: U.S. Public Health Service
 Outpatient Clinic
Clinic Hours: Monday – Friday, 1-3 p.m.
Fee: No

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 77

City: Houston, Texas
Center: The Methodist Hospital
 Texas Medical Center
Clinic Hours: Monday through Friday, 8:00 a.m. – 4:00 p.m.
 By appointment
Fee: Yes

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
 Morbidity and Mortality Weekly Report
 Communicable Disease Center
 Atlanta, Georgia 30333

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, Georgia 30333.

Library
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 7 61
 CDC

U. S. DEPARTMENT OF
 HEALTH, EDUCATION, AND WELFARE
 PUBLIC HEALTH SERVICE
 Communicable Disease Center
 Atlanta, Georgia 30333
 Official Business

The Morbidity and Mortality Weekly Report, with a circulation of 10,800 is published by the Communicable Disease Center, Atlanta, Georgia.

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