

# 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. 38

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 19, 1964

## ENCEPHALITIS

A total of 113 cases of primary encephalitis was reported for the week ended September 19. This brings to 2,278 the cumulative total recorded in the United States during 1964.

Of the cases reported during the past week, 45 were from Texas. The Houston epidemic continues to wane since the peak incidence during the week ended August 29.

Through September 21, a total of 692 suspected cases of St. Louis Encephalitis, including 32 deaths, has been reported from Harris County (Houston), Texas. (See previous reports, MMWR, Vol. 13, pp. 290, 302, 312, and 322).

The overall attack rate in the Houston epidemic is 55.7 per 100,000. The highest attack rate has occurred in the age group 70 years and older (139.1 per 100,000).

In addition, 68 suspected cases of encephalitis have been reported to date from the Texas Panhandle region and 34 suspected cases from Colorado. Of the Colorado cases, 7 were confirmed as Western Encephalitis and 3 confirmed St. Louis Encephalitis.

Thirty suspected encephalitis cases are under investigation in Boyle County, Kentucky. At present, there is only presumptive evidence that this is St. Louis Encephalitis.

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

Disease	38th Week Ended		Median 1959 - 1963	Cumulative, First 38 Weeks		
	September 19, 1964	September 21, 1963		1964	1963	Median 1959 - 1963
Aseptic meningitis .....	69	94	---	1,399	1,256	---
Brucellosis .....	11	6	12	320	273	454
Diphtheria .....	4	9	12	185	178	401
Encephalitis, primary infectious ..	113	42	---	2,278	1,160	---
Encephalitis, post-infectious .....	6		---	688		---
Hepatitis, infectious including						
serum hepatitis .....	667	738	898	28,349	31,872	31,872
Measles .....	554	737	737	434,817	359,232	387,689
Meningococcal infections .....	34	30	30	2,018	1,802	1,630
Poliomyelitis, Total .....	5	10	69	86	276	849
Paralytic .....	4	6	40	69	235	557
Nonparalytic .....	-	-	---	10	26	---
Unspecified .....	1	4	---	7	15	---
Streptococcal Sore Throat and Scarlet fever .....	4,525	4,004	---	299,834	255,340	---
Tetanus .....	6	6	---	206	186	---
Tularemia .....	6	8	---	245	210	---
Typhoid fever .....	13	19	21	305	383	579
Rabies in Animals .....	61	87	61	3,410	2,840	2,840

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	3	Psittacosis: Calif-2	34
Botulism:	11	Rabies in Man: Minn-1	1
Leptospirosis: Tenn-1	32	Smallpox:	-
Malaria: Minn-1, Ky-1, Calif-1	69	Typhus-	
Plague:	-	Murine: Ala-1	20
		Rky Mt. Spotted: Md-1, Penn-2, NC-1, Ohio-1, Tenn-1,	196

## HUMAN RABIES - Minnesota

The first case of human rabies reported for 1964 occurred in a 10-year-old boy from Wabasha County, Minnesota. On August 5, 1964 the boy was bitten by a skunk on the right wrist and left index and fifth fingers, while sleeping in a tent. His brother, age 3 was also bitten on the wrist. The wounds were not clean puncture wounds but appeared to be chewed.

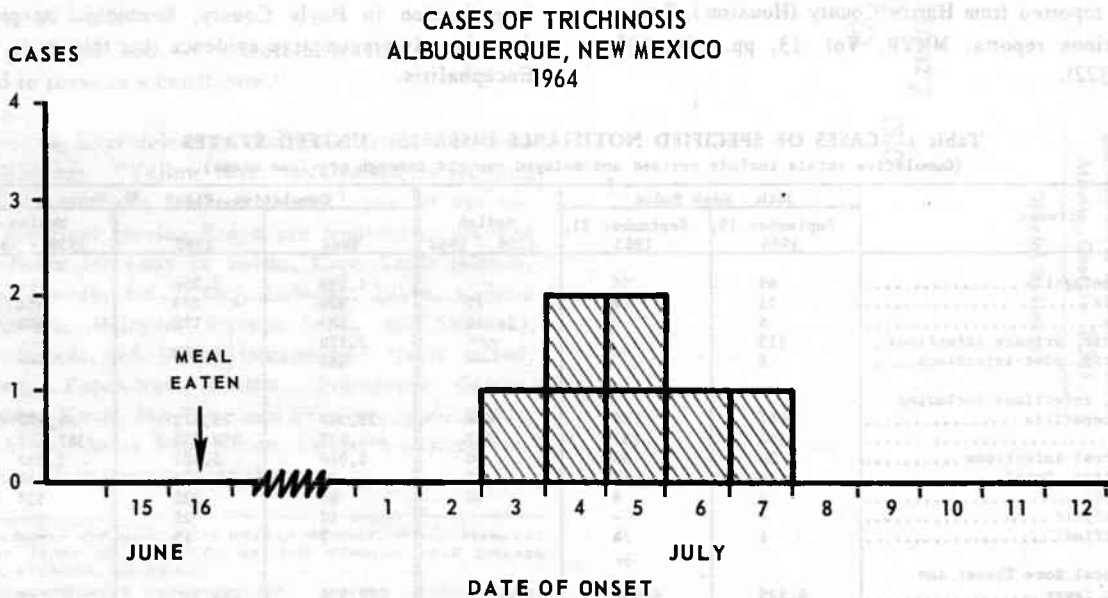
Duck embryo vaccine was administered on the day of occurrence and a total of 14 daily doses were subsequently given. Both children were also given a booster dose of tetanus toxoid.

On August 25, the 10-year-old boy noticed numbness of the right forearm. The next day he had fever and generalized myalgia. On August 27 his temperature was recorded as 101° F and he complained of a stiff neck. The following day he was admitted to a Rochester,

Minnesota hospital because of ascending paralysis, hallucinations, incoordination, stiff neck, and fever to 104° F. He did not convulse or salivate. Cerebrospinal fluid examination revealed 124 cells, all lymphocytes; the peripheral white blood count was 12,700. He expired on September 1 and an autopsy was performed. Fluorescent antibody tests on the boy's brain were negative.

Six mice were inoculated with brain tissue from the patient on September 2. On September 16, one of the mice became paralyzed and was sacrificed.

Negri bodies were demonstrated in the mouse brain by the Williams stain. The fluorescent antibody stain was also positive. The biting animal was not captured. (Reported by Dr. D. S. Fleming, Director, Division of Disease Prevention and Control, Minnesota State Health Department.)



## TRICHINOSIS - New Mexico

On June 16, 1964 a group of 12 persons in Albuquerque consumed a common meal of hamburger, salad, and pie. During the first week of July (see graph) 7 of these individuals experienced headache, fever, periorbital edema and generalized myalgia; 6 of the 7 ill had significant weight loss.

All 7 had positive trichinella antigen skin tests and bentonite flocculation serological tests for trichinosis.

Their eosinophile counts ranged from 11 percent to 37 percent.

The hamburger was purchased at a local supermarket. The beef had been ground in a machine just previously used for grinding pork. The hamburgers were eaten rare.

(Reported by Dr. H. G. Doran, Epidemiologist, New Mexico State Health Department and a team from CDC.)

REPORTED CASES OF POST-INFECTIOUS ENCEPHALITIS FOR AUGUST  
FOUR WEEKS ENDING 8/8, 8/15, 8/22, 8/29

REPORTING AREA	REPORTED PRIMARY INFECTION								
	Mumps	Chickenpox	Measles	Rubella	Influenza	Herpes Simplex	Respiratory Syncytial	Vaccinia	Pertussis
NEW ENGLAND									
Connecticut	1								
MIDDLE ATLANTIC									
New York, Upstate	1	2		2					
Pennsylvania	2								
EAST NORTH CENTRAL									
Illinois	1	1							
SOUTH ATLANTIC									
Virginia	1								
EAST SOUTH CENTRAL									
Tennessee			1						
WEST SOUTH CENTRAL									
Arkansas	1								
PACIFIC									
Washington	3								
Oregon			1						
California	23	3	3			1			
U.S. TOTAL	33	6	5	2		1			
U.S. CUMULATIVE TOTAL* Through 8/29	392	57	171	33	9	9	1	1	1

\* Includes revised and delayed reports

(States not reporting a case not listed)

POST-INFECTIOUS ENCEPHALITIS - AUGUST

A total of 47 cases of post-infectious encephalitis was reported for the 4-week period ended August 29 (see table above). This brings to 674 the cumulative total of post-infectious encephalitis cases reported for the first 8 months of 1964. (For earlier reports, see MMWR, Vol. 13, pp. 46, 102, 143, 177, 219, 266, and 293).

Post-mumps encephalitis cases number 33 (70 percent of all cases reported). Of this number, California reported 23. A comparison of the cases attributed to mumps, measles and other causes is presented by month in the table below.

There are no cases of post-vaccinia or pertussis vaccine encephalitis reported during this 4-week period.

PERCENT DISTRIBUTION OF POST-INFECTIOUS ENCEPHALITIS DUE TO MUMPS, MEASLES, AND OTHER CAUSES IN 1964, BY MONTHS\*

Month	Mumps		Measles		Other		Total Cases
	Cases	Percent Total	Cases	Percent Total	Cases	Percent Total	
January	26	84	3	10	2	6	31
February	40	77	6	11	6	11	52
March	39	57	19	27	11	16	69
April	68	49	51	36	21	15	140
May	60	50	46	39	13	11	119
June	63	54	26	22	28	24	117
July	63	64	15	15	21	21	99
August	33	70	5	11	9	19	47
CUMULATIVE TOTAL	392	58	171	25	111	17	674

\*Includes revised and delayed reports.

## Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
SEPTEMBER 19, 1964 AND SEPTEMBER 21, 1963 (38TH 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...	69	94	113	6	5	10	86	276	4	6	69	235
NEW ENGLAND.....	4	44	-	-	-	-	2	4	-	-	2	4
Maine.....	1	-	-	-	-	-	-	1	-	-	-	1
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	43	-	-	-	-	-	1	-	-	-	1
Massachusetts.....	1	-	-	-	-	-	-	2	-	-	-	2
Rhode Island.....	1	1	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1	-	-	-	-	-	2	-	-	-	2	-
MIDDLE ATLANTIC.....	8	6	11	-	-	1	12	90	-	1	11	71
New York City.....	-	1	2	-	-	-	1	-	-	-	1	-
New York, Up-State.....	6	3	1	-	-	-	9	7	-	-	8	5
New Jersey.....	2	-	6	-	-	-	2	1	-	-	2	1
Pennsylvania.....	-	2	2	-	-	1	-	82	-	1	-	65
EAST NORTH CENTRAL...	10	11	21	1	2	3	18	37	1	1	13	27
Ohio.....	2	3	5	-	-	-	2	8	-	-	2	4
Indiana.....	-	-	1	-	2	-	6	2	1	-	3	1
Illinois.....	5	3	15	1	-	-	5	12	-	-	5	11
Michigan.....	1	5	-	-	-	1	3	9	-	1	2	9
Wisconsin.....	2	-	-	-	-	2	2	6	-	-	1	2
WEST NORTH CENTRAL...	5	3	12	-	1	-	7	5	1	-	6	4
Minnesota.....	2	3	-	-	-	-	2	3	-	-	2	3
Iowa.....	-	-	3	-	-	-	-	-	-	-	-	-
Missouri.....	-	-	-	-	-	-	3	-	-	-	2	-
North Dakota.....	-	-	2	-	1	-	1	1	1	-	1	-
South Dakota.....	-	-	1	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	1	-	-	-	-	1	-	-	-	1
Kansas.....	3	-	5	-	-	-	1	-	-	-	1	-
SOUTH ATLANTIC.....	3	2	4	-	1	4	24	39	1	4	19	36
Delaware.....	-	1	-	-	-	-	-	1	-	-	-	1
Maryland.....	-	-	1	-	-	-	1	-	-	-	1	-
Dist. of Columbia.....	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	2	-	6	-	2	-	5
West Virginia.....	1	1	-	-	-	-	1	2	-	-	1	2
North Carolina.....	-	-	-	-	1	-	10	3	1	-	6	3
South Carolina.....	1	-	-	-	-	-	2	6	-	-	2	5
Georgia.....	-	-	2	-	-	2	1	14	-	2	1	13
Florida.....	1	-	1	-	-	-	9	7	-	-	8	7
EAST SOUTH CENTRAL...	13	1	4	-	1	2	6	57	1	-	5	53
Kentucky.....	10	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	1	1	1	-	-	-	3	9	-	-	2	9
Alabama.....	2	-	-	-	-	2	2	43	-	-	2	39
Mississippi.....	-	-	3	-	1	-	1	5	1	-	1	5
WEST SOUTH CENTRAL...	2	-	46	-	-	-	7	23	-	-	6	22
Arkansas.....	-	-	-	-	-	-	-	4	-	-	-	3
Louisiana.....	-	-	-	-	-	-	-	13	-	-	-	13
Oklahoma.....	-	-	1	-	-	-	2	-	-	-	2	-
Texas.....	2	-	45	-	-	-	5	6	-	-	4	6
MOUNTAIN.....	-	-	3	-	-	-	7	2	-	-	4	1
Montana.....	-	-	-	-	-	-	1	-	-	-	1	-
Idaho.....	-	-	-	-	-	-	-	1	-	-	-	1
Wyoming.....	-	-	-	-	-	-	2	-	-	-	2	-
Colorado.....	-	-	3	-	-	-	1	-	-	-	1	-
New Mexico.....	-	-	-	-	-	-	3	1	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	24	27	12	5	-	-	3	19	-	-	3	17
Washington.....	1	2	3	-	-	-	-	2	-	-	-	2
Oregon.....	-	2	-	-	-	-	1	2	-	-	1	1
California.....	23	23	9	5	-	-	2	15	-	-	2	14
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	5	-	-	-	4

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
SEPTEMBER 19, 1964 AND SEPTEMBER 21, 1963 (38TH WEEK) - CONTINUED

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum.	1964	Cum.	Total 1964	Under 20 years 1964	20 years and over 1964	Age Unknown 1964	Cumulative		1964	Cum.
		1964		1964					1964	1963		1964
UNITED STATES...	11	320	4	185	667	278	351	38	28,349	31,872	13	305
NEW ENGLAND.....	-	2	-	44	58	28	23	7	2,636	3,468	-	13
Maine.....	-	-	-	39	13	7	5	1	838	1,575	-	-
New Hampshire.....	-	-	-	-	6	1	4	1	208	355	-	-
Vermont.....	-	-	-	-	8	4	3	1	331	67	-	-
Massachusetts.....	-	2	-	5	16	8	6	2	570	949	-	6
Rhode Island.....	-	-	-	-	6	2	2	2	143	80	-	6
Connecticut.....	-	-	-	-	9	6	3	-	546	442	-	1
MIDDLE ATLANTIC.....	-	5	-	7	148	55	93	-	6,299	6,317	2	48
New York City.....	-	-	-	3	31	11	20	-	974	972	1	22
New York, Up-State.....	-	2	-	-	57	20	37	-	2,754	2,759	-	9
New Jersey.....	-	-	-	2	18	6	12	-	1,085	931	-	1
Pennsylvania.....	-	3	-	2	42	18	24	-	1,486	1,655	1	16
EAST NORTH CENTRAL...	-	45	-	8	116	55	59	2	4,462	5,154	6	71
Ohio.....	-	3	-	-	38	19	17	2	1,182	1,444	-	20
Indiana.....	-	1	-	1	10	6	4	-	388	456	4	20
Illinois.....	-	26	-	6	25	11	14	-	813	1,095	2	19
Michigan.....	-	6	-	1	41	18	23	-	1,764	1,926	-	9
Wisconsin.....	-	9	-	-	2	1	1	-	315	233	-	3
WEST NORTH CENTRAL...	3	135	-	26	33	18	13	2	1,529	1,416	-	27
Minnesota.....	-	7	-	11	3	1	1	1	169	218	-	3
Iowa.....	2	85	-	-	6	5	-	1	228	256	-	4
Missouri.....	-	10	-	1	13	5	8	-	380	506	-	10
North Dakota.....	-	2	-	2	-	-	-	-	57	51	-	2
South Dakota.....	1	16	-	1	-	-	-	-	116	101	-	1
Nebraska.....	-	13	-	4	-	-	-	-	42	95	-	3
Kansas.....	-	2	-	7	11	7	4	-	537	189	-	4
SOUTH ATLANTIC.....	3	33	-	41	61	22	38	1	2,658	3,244	1	64
Delaware.....	-	-	-	-	3	-	3	-	52	57	-	-
Maryland.....	-	-	-	-	10	3	7	-	503	399	-	5
Dist. of Columbia.....	-	-	-	-	3	-	3	-	47	90	-	-
Virginia.....	1	15	-	-	8	3	4	1	415	662	-	11
West Virginia.....	-	-	-	-	9	7	2	-	394	501	-	-
North Carolina.....	-	3	-	-	-	-	-	-	446	819	-	18
South Carolina.....	-	-	-	7	2	1	1	-	97	135	-	11
Georgia.....	2	12	-	21	3	2	1	-	75	133	1	5
Florida.....	-	3	-	13	23	6	17	-	629	448	-	14
EAST SOUTH CENTRAL...	1	16	3	14	46	20	23	3	1,958	3,041	-	28
Kentucky.....	1	5	-	-	9	4	2	3	725	860	-	8
Tennessee.....	-	5	-	1	24	7	17	-	680	1,180	-	13
Alabama.....	-	4	1	8	8	5	3	-	358	484	-	5
Mississippi.....	-	2	2	5	5	4	1	-	195	517	-	2
WEST SOUTH CENTRAL...	3	37	-	28	59	33	26	-	2,197	2,280	1	23
Arkansas.....	-	6	-	-	3	2	1	-	213	256	-	12
Louisiana.....	-	4	-	6	15	9	6	-	518	453	1	4
Oklahoma.....	1	7	-	-	7	4	3	-	108	104	-	4
Texas.....	2	20	-	22	34	18	16	-	1,358	1,467	-	3
MOUNTAIN.....	1	29	1	3	30	4	3	23	1,705	2,050	-	8
Montana.....	-	-	-	-	3	2	-	1	150	265	-	-
Idaho.....	-	-	-	-	5	-	-	5	229	336	-	-
Wyoming.....	-	-	-	-	1	-	1	-	53	25	-	1
Colorado.....	-	-	-	-	10	-	-	10	454	422	-	-
New Mexico.....	-	1	-	1	3	2	1	-	248	238	-	2
Arizona.....	-	2	1	2	7	-	-	7	380	474	-	5
Utah.....	1	25	-	-	1	-	1	-	141	273	-	-
Nevada.....	-	1	-	-	-	-	-	-	50	17	-	-
PACIFIC.....	-	18	-	14	116	43	73	-	4,905	4,902	3	23
Washington.....	-	-	-	13	12	4	8	-	518	861	-	2
Oregon.....	-	2	-	-	9	3	6	-	533	599	-	-
California.....	-	16	-	1	88	30	58	-	3,582	3,282	3	21
Alaska.....	-	-	-	-	7	6	1	-	174	126	-	-
Hawaii.....	-	-	-	-	-	-	-	-	98	34	-	-
Puerto Rico	-	-	-	9	10	9	1	-	689	641	-	10

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
SEPTEMBER 19, 1964 AND SEPTEMBER 21, 1963 (38TH WEEK) - CONTINUED

Area	Measles	Meningococcal Meningitis		Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals		
		1964	Cumulative		1964	1963	1964	Cum. 1964	1964	Cum. 1964	1964	Cum. 1964
			1964	1963								
UNITED STATES...	554	34	2,018	1,802	4,525	4,004	6	206	6	245	61	3,410
NEW ENGLAND.....	56	2	57	112	331	237	-	8	-	1	1	31
Maine.....	14	-	5	17	104	9	-	-	-	-	1	26
New Hampshire.....	1	-	1	4	-	-	-	-	-	-	-	2
Vermont.....	10	1	2	4	-	16	-	-	-	-	-	2
Massachusetts.....	19	1	23	53	38	34	-	8	-	1	-	1
Rhode Island.....	4	-	9	10	-	16	-	-	-	-	-	-
Connecticut.....	8	-	17	24	189	162	-	-	-	-	-	-
MIDDLE ATLANTIC.....	23	8	264	248	117	99	-	19	-	-	2	98
New York City.....	6	-	35	39	3	9	-	-	-	-	-	-
New York, Up-State.....	6	3	74	77	79	57	-	7	-	-	2	94
New Jersey.....	7	3	91	35	20	19	-	6	-	-	-	-
Pennsylvania.....	4	2	64	97	15	14	-	6	-	-	-	4
EAST NORTH CENTRAL...	105	5	283	277	283	279	-	36	-	20	12	496
Ohio.....	3	3	74	77	13	31	-	10	-	1	1	263
Indiana.....	27	-	43	36	68	83	-	7	-	2	-	22
Illinois.....	6	-	71	53	41	32	-	12	-	13	2	93
Michigan.....	35	1	65	84	117	105	-	6	-	1	-	46
Wisconsin.....	34	1	30	27	44	28	-	1	-	3	9	72
WEST NORTH CENTRAL...	13	-	122	115	122	65	2	11	1	51	20	1,063
Minnesota.....	-	-	29	22	5	6	-	1	-	2	6	322
Iowa.....	6	-	6	7	29	24	2	5	-	1	6	382
Missouri.....	-	-	56	34	2	3	-	3	1	25	4	164
North Dakota.....	7	-	16	12	50	27	-	-	-	-	-	54
South Dakota.....	-	-	1	5	5	4	-	1	-	15	2	79
Nebraska.....	-	-	6	24	8	-	-	-	-	-	2	33
Kansas.....	NN	-	8	11	23	1	-	1	-	8	-	29
SOUTH ATLANTIC.....	49	3	407	334	497	503	-	54	2	23	12	467
Delaware.....	1	-	6	4	12	2	-	-	-	-	-	-
Maryland.....	1	1	27	50	53	7	-	3	-	-	-	1
Dist. of Columbia..	-	-	13	6	3	4	-	1	-	1	-	-
Virginia.....	9	-	46	74	83	77	-	7	1	5	3	243
West Virginia.....	25	1	32	17	188	252	-	1	-	-	2	28
North Carolina.....	1	-	69	58	7	39	-	13	1	6	-	5
South Carolina.....	-	-	50	17	2	34	-	4	-	-	-	2
Georgia.....	1	1	62	27	6	3	-	4	-	11	3	103
Florida.....	11	-	102	81	143	85	-	21	-	-	4	85
EAST SOUTH CENTRAL...	81	1	168	134	901	952	2	28	-	28	4	415
Kentucky.....	1	1	54	29	41	66	-	8	-	2	-	54
Tennessee.....	73	-	55	60	773	823	-	10	-	18	4	327
Alabama.....	7	-	35	23	50	20	1	6	-	3	-	17
Mississippi.....	-	-	24	22	37	43	1	4	-	5	-	17
WEST SOUTH CENTRAL...	66	8	181	164	595	505	1	24	-	78	5	478
Arkansas.....	-	1	21	11	2	1	-	7	-	43	2	120
Louisiana.....	-	4	118	67	-	2	-	3	-	4	3	45
Oklahoma.....	-	1	9	29	5	-	-	-	-	19	-	81
Texas.....	66	2	33	57	588	502	1	14	-	12	-	232
MOUNTAIN.....	54	1	70	59	880	820	-	5	3	41	2	119
Montana.....	11	-	-	3	58	30	-	-	-	18	-	-
Idaho.....	3	-	3	6	82	75	-	-	-	-	-	-
Wyoming.....	1	-	5	4	5	5	-	2	1	8	-	-
Colorado.....	4	-	12	16	331	285	-	-	-	-	-	8
New Mexico.....	2	-	28	4	235	257	-	1	-	-	1	48
Arizona.....	20	-	6	9	69	94	-	1	-	-	1	52
Utah.....	13	-	7	14	100	74	-	1	2	15	-	1
Nevada.....	-	1	9	3	-	-	-	-	-	-	-	10
PACIFIC.....	107	6	466	359	799	544	1	21	-	3	3	243
Washington.....	15	-	30	28	111	113	-	1	-	-	-	-
Oregon.....	13	-	21	25	12	5	-	-	-	1	-	8
California.....	64	6	396	286	594	392	1	19	-	2	3	235
Alaska.....	7	-	7	12	32	19	-	-	-	-	-	-
Hawaii.....	8	-	12	8	50	15	-	1	-	-	-	-
Puerto Rico	136	-	29	7	10	1	1	58	-	-	3	24

Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

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

Area	For weeks ending				Area	For weeks ending			
	8/29	9/5	9/12	9/19		8/29	9/5	9/12	9/19
<b>NEW ENGLAND:</b>					<b>SOUTH ATLANTIC:</b>				
Boston, Mass. ....	8	14	5	5	Atlanta, Ga. ....	2	1	2	3
Bridgeport, Conn. ....	5	2	1	3*	Baltimore, Md. ....	6	4	13	10
Cambridge, Mass. ....	-	-	-	-	Charlotte, N.C. ....	2	2	2	-
Fall River, Mass. ....	-	1	1	1	Jacksonville, Fla. ....	-	4	3	-
Hartford, Conn. ....	-	-	-	1	Miami, Fla. ....	2	2	-	2
Lowell, Mass. ....	2	-	1	2	Norfolk, Va. ....	4	4	-	7
Lynn, Mass. ....	2	2	-	-	Richmond, Va. ....	4	5	2	3
New Bedford, Mass. ....	1	1	-	3	Savannah, Ga. ....	1	1	6	3
New Haven, Conn. ....	-	1	-	1	St. Petersburg, Fla. ....	3	5	2	5
Providence, R.I. ....	-	1	-	2	Tampa, Fla. ....	8	10	10	6
Somerville, Mass. ....	1	-	-	1	Washington, D.C. ....	14	10	5	12
Springfield, Mass. ....	2	6	7	5	Wilmington, Del. ....	3	-	-	1
Waterbury, Conn. ....	-	-	-	-	<b>EAST SOUTH CENTRAL:</b>				
Worcester, Mass. ....	3	7	2	4	Birmingham, Ala. ....	1	1	2	3
<b>MIDDLE ATLANTIC:</b>					Chattanooga, Tenn. ....	-	5	2	5
Albany, N.Y. ....	1	1	-	1	Knoxville, Tenn. ....	-	-	-	-
Allentown, Pa. ....	3	2	4	2	Louisville, Ky. ....	6	11	10	13
Buffalo, N.Y. ....	4	3	5	10	Memphis, Tenn. ....	3	6	6	8
Camden, N.J. ....	1	3	-	7	Mobile, Ala. ....	-	2	1	3
Elizabeth, N.J. ....	1	1	1	1	Montgomery, Ala. ....	2	4	2	-
Erie, Pa. ....	3	-	1	1	Nashville, Tenn. ....	2	4	1	2
Jersey City, N.J. ....	4	3	3	6	<b>WEST SOUTH CENTRAL:</b>				
Newark, N.J. ....	5	10	3	6	Austin, Tex. ....	3	6	1	3
New York City, N.Y. ....	51	64	44	48	Baton Rouge, La. ....	-	1	2	-
Paterson, N.J. ....	1	-	4	2	Corpus Christi, Tex. ....	-	-	1	-
Philadelphia, Pa. ....	12	14	10	5	Dallas, Tex. ....	2	5	2	2
Pittsburgh, Pa. ....	2	1	6	7	El Paso, Tex. ....	-	2	4	1
Reading, Pa. ....	1	2	2	5	Fort Worth, Tex. ....	-	3	-	1
Rochester, N.Y. ....	2	16	8	3	Houston, Tex. ....	12	5	2	4
Schenectady, N.Y. ....	1	1	1	-	Little Rock, Ark. ....	-	4	-	4
Scranton, Pa. ....	2	1	4	-	New Orleans, La. ....	6	7	6	6
Syracuse, N.Y. ....	1	4	5	1	Oklahoma City, Okla. ....	-	1	1	-
Trenton, N.J. ....	3	3	2	1	San Antonio, Tex. ....	2	2	4	7
Utica, N.Y. ....	3	2	3	2	Shreveport, La. ....	2	9	1	8
Yonkers, N.Y. ....	2	2	1	3	Tulsa, Okla. ....	1	6	2	1
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Akron, Ohio. ....	1	1	-	-	Albuquerque, N. Mex. ....	-	1	1	3
Canton, Ohio. ....	3	3	5	4	Colorado Springs, Colo. ...	-	1	2	3
Chicago, Ill. ....	28	27	20	24	Denver, Colo. ....	2	5	7	4
Cincinnati, Ohio. ....	6	5	3	8	Ogden, Utah. ....	-	1	1	-
Cleveland, Ohio. ....	3	1	2	4	Phoenix, Ariz. ....	5	4	4	8
Columbus, Ohio. ....	-	3	2	-	Pueblo, Colo. ....	2	2	-	-
Dayton, Ohio. ....	1	2	1	-	Salt Lake City, Utah. ....	1	2	1	3
Detroit, Mich. ....	8	11	13	13	Tucson, Ariz. ....	1	-	-	3
Evansville, Ind. ....	3	7	1	3	<b>PACIFIC:</b>				
Flint, Mich. ....	1	1	1	-	Berkeley, Calif. ....	-	-	2	-
Fort Wayne, Ind. ....	3	2	1	-	Fresno, Calif. ....	-	-	1	-
Gary, Ind. ....	4	4	1	-	Glendale, Calif. ....	-	-	-	-
Grand Rapids, Mich. ....	1	3	5	2	Honolulu, Hawaii. ....	1	-	-	1
Indianapolis, Ind. ....	4	3	5	6	Long Beach, Calif. ....	-	-	-	-
Madison, Wis. ....	-	-	-	-	Los Angeles, Calif. ....	15	14	5	9
Milwaukee, Wis. ....	2	2	2	2	Oakland, Calif. ....	1	-	2	3
Peoria, Ill. ....	-	1	-	-	Pasadena, Calif. ....	-	1	1	-
Rockford, Ill. ....	3	4	3	4	Portland, Ore. ....	1	-	1	1
South Bend, Ind. ....	4	5	4	3	Sacramento, Calif. ....	1	3	-	-
Toledo, Ohio. ....	2	-	2	3	San Diego, Calif. ....	-	-	-	1
Youngstown, Ohio. ....	1	-	2	2	San Francisco, Calif. ....	2	2	2	3
<b>WEST NORTH CENTRAL:</b>					San Jose, Calif. ....	1	3	1	-
Des Moines, Iowa. ....	1	1	-	1	Seattle, Wash. ....	-	5	1	4
Duluth, Minn. ....	-	1	2	-	Spokane, Wash. ....	2	2	1	-
Kansas City, Kans. ....	3	3	2	3*	Tacoma, Wash. ....	-	2	2	-
Kansas City, Mo. ....	3	3	2	8	<sup>o</sup> Current Week Mortality for 108 Selected Cities				
Lincoln, Nebr. ....	1	-	-	2	4(A) Total Mortality, all ages. ....	11,173			
Minneapolis, Minn. ....	2	3	2	2	4(B) Pneumonia-Influenza Deaths, all ages. ....	393			
Omaha, Nebr. ....	1	-	7	2	4(C) Total Deaths under 1 Year of Age. ....	741			
St. Louis, Mo. ....	3	9	7	5	4(D) Total Deaths, Persons 65 years and over. ....	6,165			
St. Paul, Minn. ....	-	-	-	-					
Wichita, Kans. ....	3	3	4	9					

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

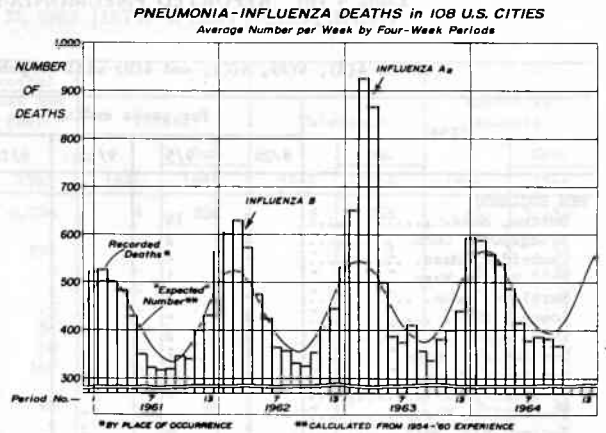
NOTE: All deaths by place of occurrence.

TABLE 1. CAUSE OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES

SUMMARY OF PNEUMONIA AND INFLUENZA DEATHS

The weekly average number of pneumonia-influenza deaths for the four-week period ending September 19 was 369 as compared with an expected weekly average of 404.

	Week Ending				4 Week Total	Weekly Average
	8/29	9/5	9/12	9/19		
Observed	328	430	326	393	1,477	369
Expected	397	401	406	412	1,616	404
Excess	-69	29	-80	-19	-139	-35



(See table page 335)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel  
1963-64 edition Public Health Service Publication No. 384

SECTION 5

Mali, page 28, Insert:

Smallpox vaccination is required for all arrivals.

Yellow fever vaccination is required for all arrivals from infected areas.

Nigeria, page 29, Insert:

Smallpox vaccination is required for all arrivals, for persons departing.

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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:

THE 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.

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