

# Morbidity and Mortality

Weekly Report



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

Prepared by the COMMUNICABLE DISEASE CENTER MELrose 4-5131

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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 JUNE 30, 1962

**POLIOMYELITIS** - During the week ending June 30, 1962, 19 cases of poliomyelitis, 16 paralytic, were reported for the United States. Texas reported the largest proportion of these with 10 cases, 7 paralytic. California reported four cases (one with 1961 onset) and the States of New York, Ohio, West Virginia, Tennessee and Oregon accounted for one each.

The cumulative totals through the 26th week for the past 5 years are shown below. The totals in 1962 are comparable to those of the record low year, 1961.

The six-week cumulative totals (21st thru 26th week) for the past 5 years are shown below:

	1962	1961	1960	1959	1958
Paralytic	66	48	131	357	149
Total	78	79	170	543	299

In Texas, the scene of poliomyelitis activity has shifted from the Southern counties of Bexar (San Antonio) and Webb (Laredo) where oral vaccine was administered in late May and early June, to counties in the North and East. Only one case, paralytic, was reported from Bexar County. This child had not received the oral vaccine.

Harris County (Houston) reported two paralytic and two non-paralytic cases this week. This brings the 1962

	1962	1961	1960	1959	1958
Paralytic	158	155	346	694	333
Total	202	239	469	1,026	644

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

Disease	26th Week			Cumulative		
	Ended June 30, 1962	Ended July 1, 1961	Median 1957 - 1961	First 26 weeks		
				1962	1961	Median 1957 - 1961
Aseptic meningitis.....	56	39	---	602	706	---
Brucellosis.....	9	14	16	204	281	388
Diphtheria.....	6	5	7	219	308	337
Encephalitis, infectious.....	28	30	35	762	741	748
Hepatitis, infectious and serum.....	712	1,020	266	31,563	42,924	11,952
Measles.....	7,510	8,234	8,234	416,402	359,673	365,536
Meningococcal infections.....	33	43	38	1,212	1,211	1,341
Poliomyelitis, total.....	19	22	69	202	239	621
Paralytic.....	16	11	36	158	155	310
Nonparalytic.....	3	7	25	27	52	211
Unspecified.....	-	4	8	17	32	100
Streptococcal sore throat and Scarlet fever.....	3,740	3,244	---	196,739	207,894	---
Tetanus.....	9	---	---	99	---	---
Tularemia.....	10	---	---	131	---	---
Typhoid fever.....	19	15	20	244	292	322
Typhus fever, tick-borne, (Rocky Mountain spotted).....	18	---	---	75	---	---
Rabies in Animals.....	72	70	74	2,156	1,827	2,036

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:  
Botulism:  
Malaria: Ill. - 1, Mo. - 1  
Plague:

Psittacosis:  
Rabies in Man:  
Smallpox:  
Typhus, murine:

total of paralytic cases for this county up to 6. Viral specimens from two early cases have yielded type I poliomyelitis virus.

Dallas County (Dallas) reported three paralytic cases, lifting their 1962 total to four. Virus isolations have not been reported.

**HEPATITIS** – The number of hepatitis cases reported for the week ending June 30 fell to 712. It is notable that, for the first time since the initiation of reporting of hepatitis cases over and under 20 years, the percentage of adult cases (over 20 years) exceeded the percentage of childhood (under 20 years) cases.

## EPIDEMIOLOGICAL REPORTS

### Vending Machine Salmonellosis – Colorado

Between April 20 and 27, six adults in Denver, Colorado, experienced a gastrointestinal illness severe enough in four cases to warrant hospitalization. The illness was characterized by fever, nausea, vomiting, abdominal cramps, and diarrhea. All six cases were found to have consumed chocolate eclairs obtained from refrigerated, automatic vending machines. *Salmonella typhimurium* was cultured from stool samples of all the cases. Characteristics of the cases are shown below. The 2 cases (Nos. 4 and 5) with short incubation periods had both undergone partial gastrectomies in the past.

Case	Age	Sex	Onset of Symptoms	Incubation Period
1	43	F	4/21	16 hours
2	33	M	4/25	12 hours
3	42	M	4/25	15 hours
4	45	M	4/27	7 3/4 hours
5	53	M	4/27	4 1/2 hours
6	40	M	4/27	9 hours

The food histories of all cases were identical with regard to consumption of eclairs but varied widely in all other respects. The eclairs consumed were obtained from three different vending machines supplied by a single bakery. Under questionable conditions of sanitation and in quarters with evidence of rodents and cockroaches, the bakery produced an average of 80 dozen eclairs each day. Each of the bakeries' employees who handled food in any of its stages of preparation was found to be free from salmonella by stool culture.

Eclairs were prepared by using a commercial cream filler and commercial icing. The pastry shell included frozen eggs in its ingredients. These eclairs were prepared, and individually wrapped, by 9:00 A.M. each morning and then were left at room temperature on trays until collected by representatives of the companies purchasing them. In no instance were the eclairs at the incriminated

vending machines delivered to machines until the following morning, approximately 24 hours after the baking.

The *S. typhimurium* phage type from 2 of the patients and from environmental samples of the bakery were the same, Type C.

(Reported by Dr. J. D. McCluskie, Director, Environmental Health Services, Dept. of Health & Hospitals, Denver, Colorado.)

### Influenza A<sub>2</sub> – Minnesota

Approximately 100 cases of Influenza A<sub>2</sub> (Asian) occurred in a Veterans Administration Hospital in Minnesota during the month of May. Cases were first noted in the first week of May. The epidemic reached its peak in the middle of the month and then gradually subsided. Symptoms consisted of chills, fever, malaise, scratchy sore throats, myalgia, cough, and occasional conjunctivitis. The symptoms lasted several days; there were a few cases of pneumonia but no deaths. Cases were most common among hospital patients with an occasional case among the staff and personnel. The staff and personnel had been given polyvalent vaccine on a voluntary basis last fall; no vaccine had been given to the patients on an organized basis. Serologic evidence of Influenza A<sub>2</sub> was demonstrated in paired blood specimens from four patients and Influenza A<sub>2</sub> (Asian) virus was isolated from a throat washing of one patient.

This outbreak represents the second reported Influenza A<sub>2</sub> (Asian) outbreak reported this year. The other outbreak occurred in Bellingham, Washington, in March 1962 (See MMWR, Vol. 11, No. 12).

(Reported by D. S. Fleming, M.D., Director, Division of Disease Prevention and Control, State of Minnesota Department of Health, Minneapolis 14, Minnesota.)

### Acute Gastroenteritis Aboard a Naval Vessel

An outbreak of 26 cases of acute gastroenteritis occurred among the 247 officers and men aboard a U. S. Navy destroyer during the 4 day period, March 18th through 21st, while the ship was berthed at Naples, Italy. The illnesses were of one or two days duration and consisted of one or more of the symptoms of nausea, vomiting, diarrhea, and abdominal cramps. Many patients also experienced headache and malaise, and one had a slightly elevated temperature.

No consistent associations were found between onsets of illness and meals or other activities afloat or ashore, and no sanitary discrepancies were found aboard ship. Rectal swab cultures from 21 ill persons and 14 food service personnel were negative for pathogenic bacteria.

Half of the cases (13) occurred among the 49 junior enlisted men of one department, all of whom were berthed together apart from the rest of the crew (attack rate of 26.5%). Of the remaining 13 cases, one was in an officer,

and 12 were randomly distributed among the 158 junior men of the other departments of the ship (attack rate of 7.6%). The cases in the one department appeared approximately one day before the others.

DATES OF ONSET BY 6-HOUR PERIODS



Of particular interest is the fact that 2 of the 5 epidemic investigators subsequently developed the illness. They were the only 2 of the investigating team to enter the berthing spaces. One developed symptoms 12 hours and the other 19 hours following entry of the ship.

It was concluded that the outbreak was probably viral in etiology, with a short incubation period, and with person-to-person spread.

(Reported by LCDR Richard H. Svihus, MC, USN, Epidemiologist, and Capt. Sidney A. Britten, MC, USN, Officer in Charge, U. S. Navy Preventive Medicine Unit #7.)

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel

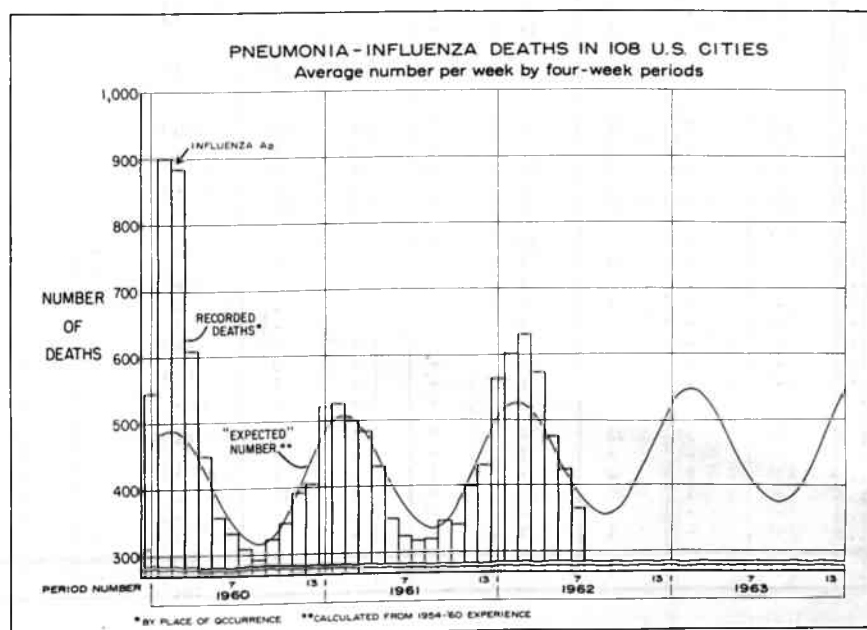
1961 edition Public Health Service Publication No. 384  
The following name should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City	Center	Clinic Hours	Fee
Ohio	Hudson Health Center	Tuesday - Friday,	
Athens	Ohio University	By appointment	Yes
	Tel: LY 3-1011,		
	ext. 458 or 420		

SUMMARY OF PNEUMONIA AND INFLUENZA DEATHS

The weekly average number of pneumonia-influenza deaths for the four-week period ending June 30 was 365 as compared with an expected 390 weekly average.

	WEEK ENDING				4 Week Total	Weekly Average
	6/9	6/16	6/23	6/30		
Observed	384	355	353	367	1,459	365
Expected	400	393	386	379	1,558	390
Excess	-16	-38	-33	-12	-99	-25



(See Table, Page 207)

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

JULY 1, 1961 AND JUNE 30, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	26th week		Cumulative First 26 weeks		26th week		Cumulative First 26 weeks		26th week		26th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	19	22	202	239	16	11	158	155	3	7	56	39
NEW ENGLAND.....	-	-	3	3	-	-	3	3	-	-	2	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	2	2	-	-	2	2	-	-	2	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	1	1	-	-	1	1	-	-	-	-
MIDDLE ATLANTIC.....	1	1	32	21	1	-	19	18	-	-	3	3
New York.....	1	1	32	8	1	-	19	6	-	-	1	-
New Jersey.....	-	-	-	10	-	-	-	9	-	-	-	-
Pennsylvania.....	-	-	-	3	-	-	-	3	-	-	2	3
EAST NORTH CENTRAL.....	1	2	10	27	1	2	7	18	-	-	3	3
Ohio.....	1	1	5	11	1	1	5	6	-	-	1	1
Indiana.....	-	-	3	3	-	-	2	2	-	-	-	-
Illinois.....	-	-	1	7	-	-	-	6	-	-	1	2
Michigan.....	-	1	-	3	-	1	-	3	-	-	1	-
Wisconsin.....	-	-	1	3	-	-	-	1	-	-	-	-
WEST NORTH CENTRAL.....	-	2	8	12	-	1	5	6	-	-	1	4
Minnesota.....	-	-	2	3	-	-	2	3	-	-	-	4
Iowa.....	-	-	3	1	-	-	2	-	-	-	1	-
Missouri.....	-	2	3	6	-	1	1	1	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	2	-	-	-	2	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	1	10	12	36	1	4	9	23	-	5	4	2
Delaware.....	-	-	-	2	-	-	-	1	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	1	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	2	-	-	-	2	-	-	-	-	1
West Virginia.....	1	1	1	4	1	-	1	2	-	1	-	-
North Carolina.....	-	-	2	4	-	-	1	3	-	-	-	-
South Carolina.....	-	-	1	4	-	-	1	4	-	-	-	-
Georgia.....	-	5	2	14	-	1	2	8	-	4	-	-
Florida.....	-	4	3	8	-	3	2	5	-	-	4	1
EAST SOUTH CENTRAL.....	1	1	7	23	1	-	5	8	-	-	4	-
Kentucky.....	-	1	2	16	-	-	2	2	-	-	4	-
Tennessee.....	1	-	3	2	1	-	1	1	-	-	-	-
Alabama.....	-	-	2	1	-	-	2	1	-	-	-	-
Mississippi.....	-	-	-	4	-	-	-	4	-	-	-	-
WEST SOUTH CENTRAL.....	10	3	99	39	7	3	83	23	3	-	15	2
Arkansas.....	-	-	1	1	-	-	1	-	-	-	-	-
Louisiana.....	-	2	7	11	-	2	6	8	-	-	-	-
Oklahoma.....	-	-	1	-	-	-	-	-	-	-	1	-
Texas.....	10	1	90	27	7	1	76	15	3	-	14	2
MOUNTAIN.....	-	-	8	20	-	-	7	12	-	-	-	2
Montana.....	-	-	3	1	-	-	2	1	-	-	-	-
Idaho.....	-	-	-	4	-	-	-	1	-	-	-	-
Wyoming.....	-	-	1	-	-	-	1	-	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	3	-	-	-	2
New Mexico.....	-	-	-	1	-	-	-	-	-	-	-	-
Arizona.....	-	-	3	5	-	-	3	3	-	-	-	-
Utah.....	-	-	1	6	-	-	1	4	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	5	3	23	58	5	1	20	44	-	2	24	23
Washington.....	-	-	-	7	-	-	-	7	-	-	-	2
Oregon.....	1	2	2	7	1	-	2	1	-	2	-	-
California.....	4	1	20	42	4	1	17	34	-	-	24	21
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	1	2	-	-	1	2	-	-	-	-
Puerto Rico.....	-	-	7	4	-	-	7	4	-	-	-	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
JULY 1, 1961 AND JUNE 30, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and serum				Measles	
	26th week	Cumulative 26 weeks	26th week	Cumulative 26 weeks	26th week		26th week				26th week	
							Under 20 yr.	20 & over	Total	Total		
1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961	
UNITED STATES.....	9	204	6	219	28	30	321	355	712	1,020	7,510	8,234
NEW ENGLAND.....	-	-	-	1	1	4	12	21	33	20	1,004	1,142
Maine.....	-	-	-	-	-	-	4	6	10	-	131	27
New Hampshire.....	-	-	-	-	-	-	-	1	1	2	6	2
Vermont.....	-	-	-	-	-	-	1	-	1	2	115	-
Massachusetts.....	-	-	-	1	-	1	5	9	14	7	452	815
Rhode Island.....	-	-	-	-	1	3	1	1	2	2	71	100
Connecticut.....	-	-	-	-	-	-	1	4	5	7	229	198
MIDDLE ATLANTIC.....	-	4	-	4	7	5	75	81	156	188	1,593	2,231
New York.....	-	1	-	2	4	5	30	40	70	77	904	1,094
New Jersey.....	-	1	-	1	-	-	19	13	32	43	557	584
Pennsylvania.....	-	2	-	1	3	-	26	28	54	68	132	553
EAST NORTH CENTRAL.....	2	49	-	6	1	1	56	62	127	196	1,514	1,697
Ohio.....	-	-	-	-	-	-	18	15	37	57	359	278
Indiana.....	-	4	-	3	-	-	2	6	8	36	73	100
Illinois.....	2	38	-	-	-	-	9	14	23	40	221	258
Michigan.....	-	3	-	3	1	-	25	24	49	60	565	491
Wisconsin.....	-	4	-	-	-	-	2	3	10	3	296	570
WEST NORTH CENTRAL.....	5	84	2	51	1	3	11	10	27	85	225	112
Minnesota.....	1	5	-	16	-	-	5	2	12	23	38	2
Iowa.....	4	50	-	1	-	-	1	1	2	19	55	58
Missouri.....	-	2	-	5	-	2	5	3	8	20	32	28
North Dakota.....	-	1	2	6	-	-	-	-	-	8	91	16
South Dakota.....	-	4	-	11	1	1	-	1	1	1	8	-
Nebraska.....	-	9	-	11	1	-	-	1	2	12	1	8
Kansas.....	-	13	-	1	-	-	-	2	2	2	NN	NN
SOUTH ATLANTIC.....	1	17	1	40	9	4	35	45	81	127	457	839
Delaware.....	-	-	-	-	-	-	-	-	-	6	5	16
Maryland.....	-	-	-	-	3	-	4	3	7	26	39	168
District of Columbia..	-	-	-	1	-	-	1	-	1	1	4	8
Virginia.....	1	8	-	7	1	1	5	8	14	15	114	325
West Virginia.....	-	-	-	1	-	-	8	3	11	18	177	194
North Carolina.....	-	2	-	4	1	2	12	12	24	28	19	54
South Carolina.....	-	-	-	5	-	-	-	4	4	1	8	1
Georgia.....	-	2	-	4	-	-	2	4	6	6	9	-
Florida.....	-	5	1	18	4	1	3	11	14	26	82	73
EAST SOUTH CENTRAL.....	-	9	1	16	-	-	44	24	68	96	357	544
Kentucky.....	-	-	-	-	-	-	11	10	21	23	44	46
Tennessee.....	-	4	-	7	-	-	23	8	31	44	232	452
Alabama.....	-	4	-	3	-	-	6	3	9	13	17	20
Mississippi.....	-	1	1	6	-	-	4	3	7	16	64	26
WEST SOUTH CENTRAL.....	1	13	1	82	1	4	31	21	55	73	565	314
Arkansas.....	-	1	-	10	-	1	4	3	7	14	31	2
Louisiana.....	1	2	-	7	-	-	4	5	10	12	-	-
Oklahoma.....	-	1	-	5	-	-	-	-	-	-	6	-
Texas.....	-	9	1	60	1	3	23	13	38	47	528	312
MOUNTAIN.....	-	7	1	9	1	-	9	8	33	58	663	380
Montana.....	-	1	-	6	-	-	-	1	2	-	108	-
Idaho.....	-	1	-	1	-	-	-	-	4	4	28	44
Wyoming.....	-	-	-	-	-	-	1	1	2	5	2	-
Colorado.....	-	2	-	-	-	-	-	-	9	21	201	186
New Mexico.....	-	-	1	2	-	-	3	3	6	6	NN	NN
Arizona.....	-	2	-	-	-	-	-	-	2	17	150	114
Utah.....	-	1	-	-	1	-	5	3	8	4	167	25
Nevada.....	-	-	-	-	-	-	-	-	-	1	7	11
PACIFIC.....	-	21	-	10	7	9	48	83	132	177	1,132	975
Washington.....	-	-	-	-	1	1	18	24	42	14	252	62
Oregon.....	-	1	-	-	-	-	7	6	13	26	306	130
California.....	-	18	-	5	6	8	22	48	71	136	446	756
Alaska.....	-	1	-	5	-	-	1	4	5	1	21	22
Hawaii.....	-	1	-	-	-	-	-	1	1	-	107	5
Puerto Rico.....	-	-	1	27	-	-	10	5	15	28	81	25

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

JULY 1, 1961 AND JUNE 30, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	26th wk	Cumulative 26 weeks	26th week		26th wk.	26th wk.	26th wk.	26th wk.	Cumulative 26 weeks	26th week		Cumulative 26 weeks
			1962	1961						1962	1961	
UNITED STATES....	33	1,212	3,740	3,244	9	18	10	19	244	72	70	2,156
NEW ENGLAND.....	-	76	373	208	2	-	-	-	3	-	-	-
Maine.....	-	12	109	6	-	-	-	-	1	-	-	-
New Hampshire.....	-	3	4	2	-	-	-	-	-	-	-	-
Vermont.....	-	2	5	1	-	-	-	-	-	-	-	-
Massachusetts.....	-	31	59	72	-	-	-	-	2	-	-	-
Rhode Island.....	-	7	43	60	-	-	-	-	-	-	-	-
Connecticut.....	-	21	153	67	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC....	4	200	164	241	-	3	-	2	28	7	1	59
New York.....	2	92	115	167	-	3	-	1	17	6	-	40
New Jersey.....	1	47	24	58	-	-	-	1	8	-	-	-
Pennsylvania.....	1	61	25	16	-	-	-	-	3	1	1	19
EAST NORTH CENTRAL..	8	239	296	255	2	1	2	4	38	24	9	496
Ohio.....	3	72	26	48	1	-	-	2	20	7	2	259
Indiana.....	1	22	44	69	-	1	1	2	2	4	2	149
Illinois.....	2	44	95	34	1	-	-	-	9	10	4	46
Michigan.....	1	82	62	30	-	-	-	-	4	2	1	22
Wisconsin.....	1	19	69	74	-	-	1	-	3	1	-	20
WEST NORTH CENTRAL..	-	65	82	58	-	-	-	2	8	14	24	563
Minnesota.....	-	12	6	3	-	-	-	-	-	4	3	117
Iowa.....	-	9	27	24	-	-	-	1	1	5	12	232
Missouri.....	-	18	-	3	-	-	-	1	6	2	3	95
North Dakota.....	-	6	35	11	-	-	-	-	-	2	-	43
South Dakota.....	-	2	1	-	-	-	-	-	-	1	3	61
Nebraska.....	-	8	-	-	-	-	-	-	1	-	3	13
Kansas.....	-	10	13	17	-	-	-	-	-	-	-	2
SOUTH ATLANTIC.....	7	202	394	150	-	10	1	2	44	6	4	177
Delaware.....	-	26	2	1	-	-	-	-	1	-	-	-
Maryland.....	-	10	7	9	-	1	-	-	2	-	-	1
Dist. of Columbia..	-	7	3	3	-	-	-	-	4	-	-	-
Virginia.....	2	43	57	57	-	6	1	1	8	1	1	80
West Virginia.....	1	12	82	39	-	1	-	-	2	4	1	62
North Carolina.....	2	50	12	12	-	1	-	-	2	-	1	-
South Carolina.....	-	12	1	1	-	-	-	-	4	-	-	-
Georgia.....	1	7	43	1	-	1	-	-	14	-	-	5
Florida.....	1	35	187	27	-	-	-	1	7	1	1	29
EAST SOUTH CENTRAL..	6	79	542	737	-	1	-	2	20	1	9	252
Kentucky.....	4	19	5	1	-	-	-	-	3	-	4	83
Tennessee.....	1	34	509	697	-	1	-	2	10	-	4	153
Alabama.....	1	16	4	-	-	-	-	-	7	1	1	16
Mississippi.....	-	10	24	39	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	2	108	510	461	3	3	6	3	65	9	20	441
Arkansas.....	-	11	-	1	1	-	4	-	7	3	7	53
Louisiana.....	2	52	-	-	1	-	-	-	18	-	1	14
Oklahoma.....	-	5	2	14	-	3	2	1	4	2	1	19
Texas.....	-	40	508	446	1	-	-	2	36	4	11	355
MOUNTAIN.....	1	39	499	832	1	-	1	3	22	-	1	20
Montana.....	-	3	10	1	-	-	-	-	10	-	-	-
Idaho.....	-	3	42	50	-	-	-	-	-	-	-	-
Wyoming.....	1	3	-	6	-	-	1	-	3	-	-	-
Colorado.....	-	8	261	559	-	-	-	-	1	-	-	-
New Mexico.....	-	3	-	-	-	-	-	3	6	-	-	10
Arizona.....	-	9	91	132	-	-	-	-	2	-	-	10
Utah.....	-	6	93	78	1	-	-	-	-	-	1	-
Nevada.....	-	4	2	6	-	-	-	-	-	-	-	-
PACIFIC.....	5	204	880	302	1	-	-	1	16	11	2	148
Washington.....	-	18	156	46	-	-	-	-	1	-	-	-
Oregon.....	-	15	13	7	-	-	-	-	13	-	1	5
California.....	5	162	681	217	1	-	-	1	15	10	2	143
Alaska.....	-	5	6	29	-	-	-	-	-	-	-	-
Hawaii.....	-	4	24	3	-	-	-	-	-	-	-	-
Puerto Rico.....	-	7	4	-	4	-	-	-	3	-	-	11

# Morbidity and Mortality Weekly Report

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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			
	6/9	6/16	6/23	6/30		6/9	6/16	6/23	6/30
<b>NEW ENGLAND:</b>					<b>SOUTH ATLANTIC:</b>				
Boston, Mass.....	13	4	2	6	Atlanta, Ga.....	4	3	3	3
Bridgeport, Conn.....	2	4	6	1	Baltimore, Md.....	5	4	7	6
Cambridge, Mass.....	1	0	0	0	Charlotte, N.C.....	2	2	3	0
Fall River, Mass.....	1	1	3	1	Jacksonville, Fla.....	3	0	0	2
Hartford, Conn.....	2	1	0	1	Miami, Fla.....	0	1	1	0
Lowell, Mass.....	3	3	3	3	Norfolk, Va.....	8	2	4	7
Lynn, Mass.....	0	0	2	0	Richmond, Va.....	1	1	3	1
New Bedford, Mass.....	2	1	2	1	Savannah, Ga.....	4	2	2	3
New Haven, Conn.....	0	1	0	1	St. Petersburg, Fla.....	7	4	2	2
Providence, R.I.....	2	1	2	1	Tampa, Fla.....	3	0	0	1
Somerville, Mass.....	3	0	2	0	Washington, D.C.....	5	6	5	6
Springfield, Mass.....	2	5	2	6	Wilmington, Del.....	3	3	0	2
Waterbury, Conn.....	1	1	0	0	<b>EAST SOUTH CENTRAL:</b>				
Worcester, Mass.....	2	7	0	3	Birmingham, Ala.....	3	0	1	1
<b>MIDDLE ATLANTIC:</b>					Chattanooga, Tenn.....	5	4	4	6
Albany, N.Y.....	1	2	1	0	Knoxville, Tenn.....	0	0	0	1
Allentown, Pa.....	1	2	1	3	Louisville, Ky.....	18	14	11	13
Buffalo, N.Y.....	5	7	4	7	Memphis, Tenn.....	2	3	3	6
Camden, N.J.....	3	1	2	4	Mobile, Ala.....	0	1	1	1
Elizabeth, N.J.....	0	0	1	0	Montgomery, Ala.....	2	2	2	4
Erie, Pa.....	5	0	4	1	Nashville, Tenn.....	2	1	3	2
Jersey City, N.J.....	4	6	0	1	<b>WEST SOUTH CENTRAL:</b>				
Newark, N.J.....	3	5	3	7	Austin, Tex.....	1	3	3	5
New York City, N.Y.....	59	49	45	46	Baton Rouge, La.....	2	2	1	1
Paterson, N.J.....	4	3	3	3	Corpus Christi, Tex.....	0	0	1	1
Philadelphia, Pa.....	11	9	12	10	Dallas, Tex.....	3	3	4	1
Pittsburgh, Pa.....	5	2	0	3*	El Paso, Tex.....	1	2	4	4
Reading, Pa.....	2	1	0	1	Fort Worth, Tex.....	1	0	1	2
Rochester, N.Y.....	6	6	4	2	Houston, Tex.....	5	5	4	3
Schenectady, N.Y.....	0	2	2	1	Little Rock, Ark.....	5	4	4	4
Scranton, Pa.....	1	2	2	2	New Orleans, La.....	6	4	1	8
Syracuse, N.Y.....	1	0	3	1	Oklahoma City, Okla.....	0	0	1	1
Trenton, N.J.....	2	2	0	1	San Antonio, Tex.....	2	2	2	5
Utica, N.Y.....	3	2	0	1	Shreveport, La.....	6	8	3	3
Yonkers, N.Y.....	3	3	2	2	Tulsa, Okla.....	0	5	4	1
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Akron, Ohio.....	1	1	1	0	Albuquerque, N. Mex.....	0	3	6	5
Canton, Ohio.....	0	3	3	0	Colorado Springs, Colo...	2	1	1	0
Chicago, Ill.....	34	29	31	34*	Denver, Colo.....	5	6	10	3
Cincinnati, Ohio.....	1	2	1	7	Ogden, Utah.....	1	3	1	1
Cleveland, Ohio.....	1	2	2	4	Phoenix, Ariz.....	1	1	1	3
Columbus, Ohio.....	2	0	0	5	Pueblo, Colo.....	1	0	1	0
Dayton, Ohio.....	0	2	0	2	Salt Lake City, Utah.....	1	1	0	1
Detroit, Mich.....	4	9	8	6	Tucson, Ariz.....	0	1	1	1
Evansville, Ind.....	1	0	3	1	<b>PACIFIC:</b>				
Flint, Mich.....	3	0	3	3	Berkeley, Calif.....	0	2	0	0
Fort Wayne, Ind.....	5	3	0	2	Fresno, Calif.....	3	3	2	3
Gary, Ind.....	2	3	0	4	Glendale, Calif.....	0	0	0	0
Grand Rapids, Mich.....	3	1	2	6	Honolulu, Hawaii.....	1	2	1	2
Indianapolis, Ind.....	2	2	7	6	Long Beach, Calif.....	0	0	0	0
Madison, Wis.....	0	0	1	1	Los Angeles, Calif.....	16	12	16	10
Milwaukee, Wis.....	5	1	1	0	Oakland, Calif.....	1	2	4	2
Peoria, Ill.....	1	0	0	0	Pasadena, Calif.....	2	0	2	1*
Rockford, Ill.....	5	4	4	1	Portland, Oreg.....	1	2	3	5
South Bend, Ind.....	3	2	2	2	Sacramento, Calif.....	5	4	4	2*
Toledo, Ohio.....	6	4	2	1	San Diego, Calif.....	1	2	4	3
Youngstown, Ohio.....	0	1	2	1	San Francisco, Calif.....	2	2	1	2
<b>WEST NORTH CENTRAL:</b>					San Jose, Calif.....	4	3	2	6
Des Moines, Iowa.....	2	2	3	1	Seattle, Wash.....	4	3	2	2
Duluth, Minn.....	0	0	1	2	Spokane, Wash.....	1	2	0	1
Kansas City, Kans.....	0	2	2	7	Tacoma, Wash.....	5	4	1	0
Kansas City, Mo.....	7	7	9	10	<b>San Juan, P.R.....</b>				
Lincoln, Nebr.....	0	0	0	2	4	4	0	(---)	
Minneapolis, Minn.....	1	5	6	2	<sup>o</sup> Current Week Mortality for 108 Selected Cities				
Omaha, Nebr.....	1	1	2	0	4(A) Total Mortality, all ages.....	10,950			
St. Louis, Mo.....	3	5	8	2	4(B) Pneumonia-Influenza Deaths, all ages.....	367			
St. Paul, Minn.....	0	0	3	2	4(C) Total Deaths under 1 Year of Age.....	783			
Wichita, Kans.....	5	7	5	6	4(D) Total Deaths, Persons 65 years and over.....	6,021			

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

NOTE: All deaths by place of occurrence.

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.

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