

Morbidity and Mortality

Weekly Report

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

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MEIrose 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 DECEMBER 1, 1962

POLIOMYELITIS - The week ending December 1, 1962, accounted for 20 cases of poliomyelitis (18 paralytic). The total for the comparable week in 1961 was 18 cases (13 paralytic).

Cases this week were of scattered origin, being reported from fourteen States. Only Louisiana and West Virginia reported as many as three cases. No new case concentrations have been noted among the States reporting, many delayed reports being evident.

Cumulative totals for poliomyelitis incidence through the 48th week this year remain below those for any previous year. The comparable figures for 1962 and the previous four years are shown in the following tabulation:

POLIOMYELITIS (1ST THROUGH 48TH WEEK) 1958-1962

	1962	1961	1960	1959	1958
Paralytic	663	835	2,182	5,468	2,950
Total	833	1,280	3,121	8,243	5,775

The number of cases for the previous 6 weeks, ending December 1, 1962, is compared to similar periods for the previous four years in the table below:

POLIOMYELITIS (43RD THROUGH 48TH WEEK) 1958-1962

	1962	1961	1960	1959	1958
Paralytic	111	135	332	759	650
Total	136	194	441	1,039	1,031

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

Disease	48th Week			Cumulative		
	Ended	Ended	Median 1957 - 1961	First 48 weeks		Median 1957 - 1961
	December 1, 1962	December 2, 1961		1962	1961	
Aseptic meningitis.....	47	35	---	2,394	3,010	---
Brucellosis.....	8	10	10	361	545	689
Diphtheria.....	10	13	32	423	527	790
Encephalitis, infectious.....	25	29	29	1,692	1,544	1,701
Hepatitis, infectious and serum...	910	1,295	639	49,734	67,576	20,905
Measles.....	2,907	3,592	3,582	461,123	405,590	413,445
Meningococcal infections.....	45	35	45	1,955	1,971	2,106
Poliomyelitis, total.....	20	18	57	833	1,280	5,699
Paralytic.....	18	13	31	663	835	2,875
Nonparalytic.....	1	4	19	117	306	1,962
Unspecified.....	1	1	7	53	139	862
Streptococcal sore throat and Scarlet fever.....	6,105	6,398	---	286,447	290,856	---
Tetanus.....	9	---	---	269	---	---
Tularemia.....	8	---	---	269	---	---
Typhoid fever.....	7	21	15	577	776	806
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	---	---	214	---	---
Rabies in Animals.....	52	61	54	3,362	3,179	3,601

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Psittacosis: Calif. - 1
Botulism:	Rabies in Man:
Malaria: N.C. - 2	Smallpox:
Plague:	Typhus, murine:

EPIDEMIOLOGICAL REPORTS

Tularemia – Wisconsin

During the past year, several tularemia infections have occurred among Wisconsin mink ranchers, muskrat farmers, and beaver trappers.

A mink rancher and his helper were hospitalized with tularemia near Woodruff, Wisconsin, during March. The owner of the ranch found a lesion on the dorsum of his fourth finger. He developed a temperature of 103°F, with lymphangitis and adenitis. Serum tests were negative eight days after the first symptoms, but agglutinins to tularemia developed to a titer of 1280 at 29 days, and to 2560 at 35 days.

Three weeks later his helper was also hospitalized with a large lesion on the left thumb and tenderness and swelling in the axillary nodes. His serum had a titer of 160 to tularemia at 5 days and 5120 at 17 days. Both patients recovered after treatment with streptomycin. Two other workers on the mink ranch did not develop clinical symptoms and tests on their sera were negative.

Several sick mink on the ranch were examined. Seven out of ten mink sera tested showed high agglutinin titers and the tularemia organism was isolated from the mink tissues by the Communicable Disease Center, Atlanta, Georgia. The most likely source of the infection was believed to be frozen jackrabbit meat which had been shipped in from out of State for mink food.

A seven-year-old New London, Wisconsin, boy was infected during April after helping flesh a muskrat on his father's fur farm. A lesion developed on the little finger of his left hand, which he had also previously skinned on a doorknob. He soon had a temperature of 103.8°F, with pain and enlargement in the lymph nodes in his left arm. His serum had agglutinins to tularemia of 640 at 26 days, 2560 at 44 days, 640 at 66 days, and 320 after 78 days. He made a prompt recovery with treatment.

Tests on his father's serum showed a titer of 320, although his only history of known infection was eight years ago. The 12-year-old brother's serum had a titer of 640, and the serum of a part-time helper on the fur farm was 320. Neither of these two had a history of known infection. The boy's mother had no history of infection and her serum was negative.

During September, sera were collected from twelve other muskrat fur farmers. Three of these twelve had agglutinins, with titers of 40, 80, and 160, indicating past infections. These were all negative to brucella.

During June a Conservation Department beaver trapper was hospitalized in Marshfield for four days with a temperature that rose to 104°F, pain and swelling in lymph nodes, and a lesion on the little finger of his

right hand. His serum had a titer of 40 at 11 days, which increased to 320 at 27 days.

(Abstracted from *Laboratory Newsletter, Wisconsin State Laboratory of Hygiene.*)

Salmonella Typhimurium Outbreak – Humans and Cattle – Wisconsin

An outbreak of *Salmonella typhimurium*, which involved seven cows and six members of the family living on the farm, has been reported from Door County, Wisconsin.

The first illness occurred about October 1 in a two-year-old Holstein cow which developed high fever and explosive diarrhea, and died in a few days. On October 13, a second cow in the herd of 79 developed high fever, bloody diarrhea and anorexia, and also succumbed to the illness. *S. typhimurium* was isolated from a stool culture. Five additional cows subsequently developed diarrhea and slight temperature but recovered.

The 38-year-old owner of the herd experienced a four-day diarrheal illness between the time of the death of the first cow and onset of illness in the second. His wife and parents also experienced mild diarrheal illnesses; however, two children, ages 8 and 11 years, remained symptom free. *S. typhimurium* was isolated from the stool specimens of all six family members.

No new animals had been introduced into the herd during the previous year. Most of the grain for feed is raised on the farm, although some ground corn and minerals are added as supplements. Samples of the feed were negative by culture. Sanitary conditions on the farm were reported to be excellent.

No other known cases have occurred either in cattle or humans in the county this year.

A similar *S. typhimurium* outbreak, involving six bovine and two human cases, occurred in Wisconsin in September, 1958 (MMWR, Vol. 8, No. 7, 1959).

(Reported by Miss Estelle Fidler, R.N., Public Health Nursing Service, Door County, Wisconsin, and Josef Preizler, M.D., Director, Bureau of Communicable Disease, Wisconsin State Board of Health.)

Clostridium perfringens Food Poisoning – Philadelphia

On the evening of October 20, 140 children and 15 employees of a city welfare center became ill with severe diarrhea and abdominal pain, but little nausea or vomiting. The suspect meal, a noon dinner, was consumed by 170 persons. It consisted of roast beef, gravy, vegetables and beverage. Symptoms developed between 8 and 12 hours after eating. *Clostridium perfringens* organisms in large numbers were isolated from both the roast beef and the gravy; none were isolated from the vegetables.

The roast beef and gravy had been prepared the day previous to the meal and allowed to cool in open trays without refrigeration for approximately 22 hours. A few hours before serving, the meat and gravy had been warmed separately at low temperatures in large pans.

(Reported by Dr. Milton Werrin, Chief, Veterinary Public Health Section, Philadelphia Department of Public Health, and Ernest J. Witte, D.V.M., Chief, Veterinary Public Health Section, Pennsylvania State Department of Health).

INTERNATIONAL NOTES - QUARANTINE MEASURES

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

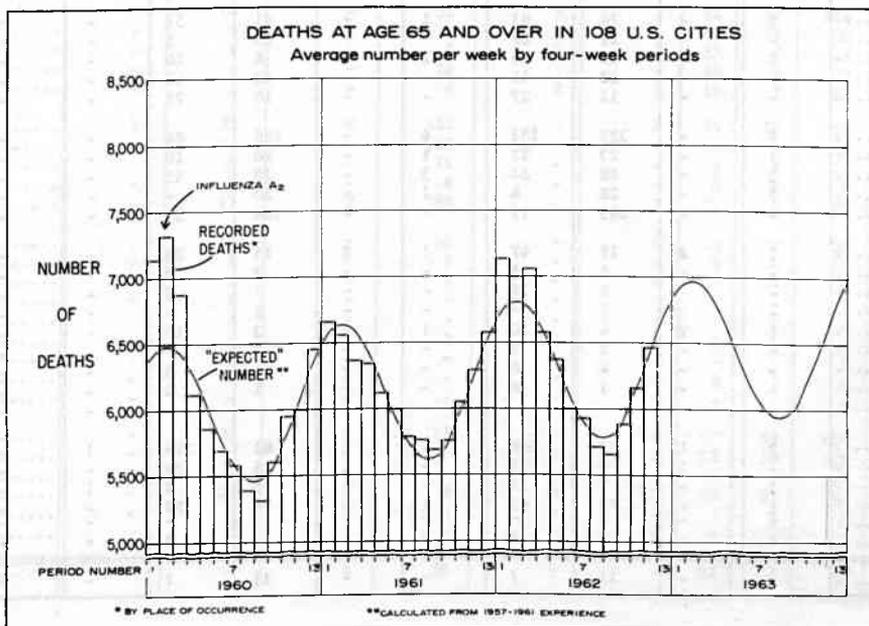
The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City	Center	Clinic Hours	Fee
North Carolina Fayetteville	Cumberland County Health Dept. 515 Person Street Tel. HE 3-3136	Monday-Friday 9 a.m. - 4 p.m.	Yes

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U. S. CITIES

The weekly average number of deaths among persons 65 years and over in 108 cities for the four-week period ending December 1 was 6,460 as compared with an expected 6,439 average.

	WEEK ENDING				4 Week Total	Weekly Average
	11/10	11/17	11/24	12/1		
Observed	6,473	6,498	5,762	7,107	25,840	6,460
Expected	6,332	6,403	6,475	6,545	25,755	6,439
Excess	141	95	-713	562	85	21



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

DECEMBER 2, 1961 AND DECEMBER 1, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	48th week		Cumulative First 48 weeks		48th week		Cumulative First 48 weeks		48th week		48th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	20	18	833	1,280	18	13	663	835	1	4	47	35
NEW ENGLAND.....	-	3	8	44	-	1	7	29	-	2	-	2
Maine.....	-	-	-	5	-	-	-	5	-	-	-	-
New Hampshire.....	-	-	-	2	-	-	-	-	-	-	-	-
Vermont.....	-	-	1	12	-	-	-	10	-	-	-	-
Massachusetts.....	-	3	6	19	-	1	6	10	-	2	-	2
Rhode Island.....	-	-	-	1	-	-	-	1	-	-	-	-
Connecticut.....	-	-	1	5	-	-	1	3	-	-	-	-
MIDDLE ATLANTIC.....	4	4	80	331	4	3	59	218	-	1	2	3
New York.....	1	1	57	245	1	1	39	156	-	-	2	1
New Jersey.....	2	-	9	35	2	-	9	28	-	-	-	-
Pennsylvania.....	1	3	14	51	1	2	11	34	-	1	-	2
EAST NORTH CENTRAL.....	3	5	131	176	2	4	98	110	-	1	4	10
Ohio.....	-	1	20	48	-	1	18	22	-	-	1	1
Indiana.....	1	-	21	18	-	-	16	10	-	-	-	-
Illinois.....	1	1	59	36	1	1	42	19	-	-	1	8
Michigan.....	-	1	20	40	-	-	16	32	-	1	2	-
Wisconsin.....	1	2	11	34	1	2	6	27	-	-	-	1
WEST NORTH CENTRAL.....	-	2	37	75	-	1	26	34	-	-	1	-
Minnesota.....	-	-	7	6	-	-	7	6	-	-	-	-
Iowa.....	-	-	7	19	-	-	3	10	-	-	-	-
Missouri.....	-	2	10	26	-	1	5	8	-	-	1	-
North Dakota.....	-	-	4	4	-	-	2	1	-	-	-	-
South Dakota.....	-	-	1	3	-	-	1	1	-	-	-	-
Nebraska.....	-	-	8	8	-	-	8	4	-	-	-	-
Kansas.....	-	-	-	9	-	-	-	4	-	-	-	-
SOUTH ATLANTIC.....	3	1	75	219	3	1	67	162	-	-	3	8
Delaware.....	-	-	-	2	-	-	-	1	-	-	2	-
Maryland.....	-	-	2	41	-	-	-	31	-	-	-	-
District of Columbia..	-	-	2	3	-	-	1	3	-	-	-	1
Virginia.....	-	-	9	14	-	-	9	14	-	-	1	1
West Virginia.....	3	1	18	33	3	1	18	23	-	-	-	-
North Carolina.....	-	-	13	21	-	-	11	11	-	-	-	-
South Carolina.....	-	-	6	35	-	-	6	27	-	-	-	-
Georgia.....	-	-	17	30	-	-	14	23	-	-	-	-
Florida.....	-	-	8	40	-	-	7	29	-	-	-	6
EAST SOUTH CENTRAL.....	1	-	74	91	1	-	61	51	-	-	8	1
Kentucky.....	-	-	29	27	-	-	23	5	-	-	1	-
Tennessee.....	1	-	12	26	1	-	6	10	-	-	-	-
Alabama.....	-	-	22	11	-	-	22	11	-	-	-	1
Mississippi.....	-	-	11	27	-	-	10	25	-	-	7	-
WEST SOUTH CENTRAL.....	6	-	322	151	6	-	249	84	-	-	4	2
Arkansas.....	1	-	23	21	1	-	20	10	-	-	-	-
Louisiana.....	3	-	28	54	3	-	25	43	-	-	-	-
Oklahoma.....	2	-	28	4	2	-	20	-	-	-	1	-
Texas.....	-	-	243	72	-	-	184	31	-	-	3	2
MOUNTAIN.....	1	2	19	47	1	2	15	28	-	-	5	1
Montana.....	-	-	4	4	-	-	3	2	-	-	-	-
Idaho.....	-	-	2	14	-	-	1	6	-	-	-	-
Wyoming.....	-	-	2	-	-	-	1	-	-	-	-	-
Colorado.....	1	2	4	10	1	2	3	10	-	-	4	-
New Mexico.....	-	-	2	3	-	-	2	-	-	-	-	1
Arizona.....	-	-	4	8	-	-	4	6	-	-	1	-
Utah.....	-	-	1	8	-	-	1	4	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	2	1	87	146	1	1	81	119	1	-	20	8
Washington.....	-	1	5	31	-	1	5	29	-	-	2	1
Oregon.....	1	-	7	17	-	-	5	8	1	-	-	-
California.....	1	-	75	93	1	-	71	77	-	-	18	7
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	5	-	-	-	5	-	-	-	-
Puerto Rico.....	-	-	11	7	-	-	11	7	-	-	-	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 2, 1961 AND DECEMBER 1, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and Serum				Measles	
	48th week	Cumulative 48 weeks	48th week	Cumulative 48 weeks	48th week		48th week				48th week	1961
							Under 20 yr.	20 & over	Total	Total		
	1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961
UNITED STATES.....	8	361	10	423	25	29	495	371	910	1,295	2,907	3,592
NEW ENGLAND.....	-	4	-	3	2	2	59	47	110	47	111	526
Maine.....	-	-	-	-	-	-	30	17	47	8	12	175
New Hampshire.....	-	-	-	-	-	-	1	5	6	2	16	14
Vermont.....	-	1	-	-	-	-	-	1	1	2	11	2
Massachusetts.....	-	1	-	1	-	2	23	17	42	27	71	281
Rhode Island.....	-	-	-	1	2	-	2	-	3	-	1	-
Connecticut.....	-	2	-	1	-	-	3	7	11	8	-	54
MIDDLE ATLANTIC.....	-	9	1	20	10	6	100	100	200	156	404	494
New York.....	-	4	1	18	7	6	40	51	91	74	149	325
New Jersey.....	-	1	-	1	-	-	27	18	45	32	68	79
Pennsylvania.....	-	4	-	1	3	-	33	31	64	50	187	90
EAST NORTH CENTRAL.....	-	80	-	11	3	1	64	52	123	275	934	657
Ohio.....	-	1	-	-	1	-	21	14	36	72	117	36
Indiana.....	-	6	-	5	-	-	7	6	14	56	28	72
Illinois.....	-	56	-	2	2	1	12	14	29	53	63	268
Michigan.....	-	6	-	3	-	-	24	18	42	86	218	204
Wisconsin.....	-	11	-	1	-	-	-	-	2	8	508	77
WEST NORTH CENTRAL.....	7	144	3	91	1	-	22	17	42	126	132	56
Minnesota.....	-	13	1	26	-	-	-	4	6	52	26	6
Iowa.....	1	81	-	15	-	-	3	4	7	21	62	15
Missouri.....	-	4	-	5	-	-	6	7	13	19	24	-
North Dakota.....	-	2	-	8	-	-	-	-	-	14	19	34
South Dakota.....	2	13	2	17	-	-	10	-	10	-	-	1
Nebraska.....	-	13	-	18	-	-	-	1	2	6	1	-
Kansas.....	4	18	-	2	1	-	3	1	4	14	NN	NN
SOUTH ATLANTIC.....	-	27	4	124	1	2	60	34	97	156	205	229
Delaware.....	-	-	-	-	-	-	-	4	4	1	1	-
Maryland.....	-	1	-	-	-	-	10	8	19	10	7	21
District of Columbia..	-	-	-	2	-	-	2	-	2	1	-	30
Virginia.....	-	13	1	14	-	1	11	11	24	28	27	70
West Virginia.....	-	-	-	2	-	-	18	4	22	37	138	56
North Carolina.....	-	2	-	11	1	-	13	4	17	37	13	9
South Carolina.....	-	-	-	10	-	-	2	2	4	14	-	6
Georgia.....	-	3	2	42	-	-	-	1	1	14	-	-
Florida.....	-	8	1	43	-	1	4	-	4	14	19	37
EAST SOUTH CENTRAL.....	-	16	-	31	3	2	94	32	126	224	127	381
Kentucky.....	-	1	-	-	-	-	43	17	60	68	42	22
Tennessee.....	-	7	-	7	1	1	25	2	27	71	74	214
Alabama.....	-	6	-	16	-	-	16	6	22	56	3	68
Mississippi.....	-	2	-	8	2	1	10	7	17	29	8	77
WEST SOUTH CENTRAL.....	1	35	2	122	-	2	36	18	56	86	113	293
Arkansas.....	1	10	-	20	-	-	11	1	12	13	1	4
Louisiana.....	-	8	-	11	-	-	3	8	11	8	2	1
Oklahoma.....	-	6	-	8	-	-	4	-	4	7	-	1
Texas.....	-	11	2	83	-	2	18	9	29	58	110	287
MOUNTAIN.....	-	12	-	10	-	-	13	2	30	45	413	241
Montana.....	-	1	-	6	-	-	3	-	3	4	54	47
Idaho.....	-	1	-	1	-	-	-	-	4	3	39	27
Wyoming.....	-	1	-	-	-	-	1	-	1	-	-	1
Colorado.....	-	2	-	-	-	-	-	-	6	13	88	12
New Mexico.....	-	-	-	3	-	-	6	1	7	4	NN	NN
Arizona.....	-	3	-	-	-	-	-	-	5	16	42	80
Utah.....	-	4	-	-	-	-	3	1	4	5	186	66
Nevada.....	-	-	-	-	-	-	-	-	-	-	4	8
PACIFIC.....	-	34	-	11	5	14	47	69	126	180	468	715
Washington.....	-	-	-	-	1	1	12	14	26	26	142	334
Oregon.....	-	3	-	-	-	-	5	-	14	33	73	94
California.....	-	28	-	6	4	13	29	51	80	111	136	220
Alaska.....	-	2	-	5	-	-	1	4	6	8	2	65
Hawaii.....	-	1	-	-	-	-	-	-	-	2	115	2
Puerto Rico.....	-	-	1	36	-	-	12	1	13	14	16	47

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 2, 1961 AND DECEMBER 1, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	48th wk.	Cumulative 48 weeks	48th week		48th wk.	48th wk.	48th wk.	48th wk.	Cumulative 48 weeks	48th week		Cumulative 48 weeks
			1962	1961						1962	1961	
UNITED STATES....	45	1,955	6,105	6,398	9	-	8	7	577	52	61	3,362
NEW ENGLAND.....	5	118	482	295	-	-	-	-	11	-	-	2
Maine.....	2	19	77	16	-	-	-	-	2	-	-	1
New Hampshire.....	-	4	12	2	-	-	-	-	-	-	-	-
Vermont.....	-	4	-	3	-	-	-	-	-	-	-	-
Massachusetts.....	3	47	103	94	-	-	-	-	8	-	-	1
Rhode Island.....	-	13	34	19	-	-	-	-	1	-	-	-
Connecticut.....	-	31	256	161	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC....	8	345	308	267	-	-	-	1	61	6	-	154
New York.....	2	152	144	148	-	-	-	1	32	4	-	100
New Jersey.....	-	82	92	48	-	-	-	-	12	-	-	1
Pennsylvania.....	6	111	72	71	-	-	-	-	17	2	-	53
EAST NORTH CENTRAL..	10	381	564	435	-	-	-	-	91	13	7	728
Ohio.....	4	117	83	65	-	-	-	-	44	12	1	374
Indiana.....	-	30	54	78	-	-	-	-	12	1	2	185
Illinois.....	1	83	101	128	-	-	-	-	17	-	1	91
Michigan.....	5	129	199	93	-	-	-	-	12	-	1	42
Wisconsin.....	-	22	127	71	-	-	-	-	6	-	2	36
WEST NORTH CENTRAL..	-	101	197	221	1	-	-	-	31	13	19	885
Minnesota.....	-	19	13	27	-	-	-	-	-	4	1	218
Iowa.....	-	13	61	55	-	-	-	-	2	5	6	337
Missouri.....	-	24	-	6	1	-	-	-	24	3	7	152
North Dakota.....	-	8	67	98	-	-	-	-	2	-	-	49
South Dakota.....	-	6	8	-	-	-	-	-	1	1	2	101
Nebraska.....	-	17	1	-	-	-	-	-	2	-	2	21
Kansas.....	-	14	47	35	-	-	-	-	-	-	1	7
SOUTH ATLANTIC.....	5	295	424	495	4	-	3	2	103	5	3	351
Delaware.....	-	35	3	6	-	-	-	-	2	-	-	-
Maryland.....	1	24	16	16	-	-	-	-	3	-	-	11
Dist. of Columbia..	-	7	2	-	-	-	-	1	10	-	-	-
Virginia.....	1	67	176	137	1	-	1	1	19	-	2	134
West Virginia.....	1	17	121	154	-	-	2	-	5	3	1	133
North Carolina.....	1	67	49	46	1	-	-	-	6	-	-	-
South Carolina.....	1	20	25	8	1	-	-	-	9	-	-	-
Georgia.....	-	11	-	4	-	-	-	-	24	1	-	10
Florida.....	-	47	32	124	1	-	-	-	25	1	-	63
EAST SOUTH CENTRAL..	2	127	1,329	1,179	-	-	1	3	60	6	4	344
Kentucky.....	2	41	184	109	-	-	-	1	13	3	2	123
Tennessee.....	-	48	993	1,025	-	-	1	2	28	3	2	198
Alabama.....	-	21	24	16	-	-	-	-	12	-	-	23
Mississippi.....	-	17	128	29	-	-	-	-	7	-	-	-
WEST SOUTH CENTRAL..	4	162	706	820	3	-	3	-	122	2	18	581
Arkansas.....	-	17	2	-	-	-	3	-	31	-	1	67
Louisiana.....	-	68	22	4	2	-	-	-	32	2	-	22
Oklahoma.....	-	8	5	2	-	-	-	-	6	-	2	28
Texas.....	4	69	677	814	1	-	-	-	53	-	15	464
MOUNTAIN.....	3	64	1,076	1,180	-	-	1	1	45	1	1	39
Montana.....	-	5	45	88	-	-	-	-	10	-	-	-
Idaho.....	-	3	80	77	-	-	-	-	1	-	-	-
Wyoming.....	-	5	43	4	-	-	-	-	3	-	-	-
Colorado.....	-	9	348	363	-	-	-	-	8	-	-	4
New Mexico.....	2	8	268	328	-	-	-	-	13	-	-	13
Arizona.....	-	15	114	242	-	-	-	-	8	1	1	22
Utah.....	1	10	177	77	-	-	-	1	2	-	-	-
Nevada.....	-	9	1	1	-	-	-	-	-	-	-	-
PACIFIC.....	8	362	1,019	1,506	1	-	-	-	53	6	9	278
Washington.....	1	25	445	477	1	-	-	-	1	-	-	-
Oregon.....	-	21	14	42	-	-	-	-	1	-	-	17
California.....	7	301	530	904	-	-	-	-	50	6	9	261
Alaska.....	-	8	5	71	-	-	-	-	-	-	-	-
Hawaii.....	-	7	25	12	-	-	-	-	1	-	-	-
Puerto Rico.....	-	9	1	4	1	-	-	1	17	-	-	20

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

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

Area	For weeks ending				Area	For weeks ending			
	11/10	11/17	11/24	12/1		11/10	11/17	11/24	12/1
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	134	151	131	157	Atlanta, Ga.....	43	68	42	67
Bridgeport, Conn.....	24	18	25	31	Baltimore, Md.....	139	136	110	137
Cambridge, Mass.....	28	20	17	20	Charlotte, N.C.....	21	17	12	15
Fall River, Mass.....	18	26	18	22	Jacksonville, Fla.....	32	37	35	42
Hartford, Conn.....	27	25	38	28	Miami, Fla.....	40	38	27	39
Lowell, Mass.....	20	14	12	16	Norfolk, Va.....	24	25	18	24
Lynn, Mass.....	20	21	12	14	Richmond, Va.....	43	46	40	43
New Bedford, Mass.....	21	15	19	19	Savannah, Ga.....	13	9	11	14
New Haven, Conn.....	23	31	32	29	St. Petersburg, Fla.....	63	57	56	73
Providence, R.I.....	43	48	48	37	Tampa, Fla.....	35	44	35	39
Somerville, Mass.....	10	5	6	12	Washington, D.C.....	110	89	84	93
Springfield, Mass.....	19	31	26	22	Wilmington, Del.....	23	23	12	26
Waterbury, Conn.....	14	19	11	28	EAST SOUTH CENTRAL:				
Worcester, Mass.....	36	36	41	34	Birmingham, Ala.....	53	41	39	55
MIDDLE ATLANTIC:					Chattanooga, Tenn.....	32	14	15	26
Albany, N.Y.....	26	29	30	24	Knoxville, Tenn.....	14	26	14	24
Allentown, Pa.....	26	25	27	13	Louisville, Ky.....	79	84	31	48
Buffalo, N.Y.....	82	95	79	95	Memphis, Tenn.....	59	58	33	84
Camden, N.J.....	32	14	18	23	Mobile, Ala.....	29	21	23	24
Elizabeth, N.J.....	17	12	11	30	Montgomery, Ala.....	20	19	9	19
Erie, Pa.....	27	18	22	34	Nashville, Tenn.....	26	42	21	32
Jersey City, N.J.....	50	41	44	43	WEST SOUTH CENTRAL:				
Newark, N.J.....	56	47	36	38	Austin, Tex.....	19	22	18	27
New York City, N.Y.....	968	1,010	978	1,062	Baton Rouge, La.....	13	20	7	18
Paterson, N.J.....	20	17	25	27	Corpus Christi, Tex.....	11	6	8	12
Philadelphia, Pa.....	283	228	209	258	Dallas, Tex.....	67	64	66	67
Pittsburgh, Pa.....	67	92	70	129	El Paso, Tex.....	15	20	9	20
Reading, Pa.....	10	14	9	17	Fort Worth, Tex.....	34	30	24	29
Rochester, N.Y.....	81	77	72	74	Houston, Tex.....	52	92	57	111
Schenectady, N.Y.....	16	15	16	19	Little Rock, Ark.....	26	25	31	32
Scranton, Pa.....	22	22	12	41	New Orleans, La.....	90	88	93	98
Syracuse, N.Y.....	40	34	47	36	Oklahoma City, Okla.....	49	38	26	52
Trenton, N.J.....	19	36	29	29	San Antonio, Tex.....	44	57	44	67
Utica, N.Y.....	30	21	25	18	Shreveport, La.....	28	18	22	35
Yonkers, N.Y.....	23	18	14	17	Tulsa, Okla.....	39	29	22	47
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.....	28	38	25	39	Albuquerque, N. Mex.....	35	15	11	15
Canton, Ohio.....	19	16	18	15	Colorado Springs, Colo...	12	11	10	13
Chicago, Ill.....	423	405	357	442	Denver, Colo.....	60	68	54	95
Cincinnati, Ohio.....	98	105	81	104	Ogden, Utah.....	10	8	4	7
Cleveland, Ohio.....	117	116	113	109	Phoenix, Ariz.....	31	55	37	60
Columbus, Ohio.....	67	70	59	72	Pueblo, Colo.....	7	8	11	14
Dayton, Ohio.....	62	44	63	51	Salt Lake City, Utah.....	29	47	16	42
Detroit, Mich.....	176	197	224	178	Tucson, Ariz.....	15	20	33	32
Evansville, Ind.....	31	21	30	24	PACIFIC:				
Flint, Mich.....	16	14	15	24	Berkeley, Calif.....	18	13	7	16
Fort Wayne, Ind.....	20	29	26	24	Fresno, Calif.....	32	37	22	23
Gary, Ind.....	16	15	8	22	Glendale, Calif.....	15	36	24	14
Grand Rapids, Mich.....	39	42	42	32	Honolulu, Hawaii.....	21	16	13	21*
Indianapolis, Ind.....	82	76	84	84	Long Beach, Calif.....	21	45	27	41*
Madison, Wis.....	15	27	27	15	Los Angeles, Calif.....	297	268	248	358
Milwaukee, Wis.....	71	81	68	73	Oakland, Calif.....	59	65	45	55
Peoria, Ill.....	19	14	13	14	Pasadena, Calif.....	28	29	18	32
Rockford, Ill.....	21	17	11	16	Portland, Oreg.....	95	49	54	84
South Bend, Ind.....	23	27	33	32	Sacramento, Calif.....	36	47	24	37
Toledo, Ohio.....	55	56	46	63	San Diego, Calif.....	52	53	52	53
Youngstown, Ohio.....	30	33	36	43	San Francisco, Calif.....	109	107	91	134
WEST NORTH CENTRAL:					San Jose, Calif.....	22	15	15	25
Des Moines, Iowa.....	36	39	30	32	Seattle, Wash.....	79	88	70	115
Duluth, Minn.....	18	12	19	26	Spokane, Wash.....	32	44	22	46
Kansas City, Kans.....	18	17	12	26	Tacoma, Wash.....	25	22	29	34
Kansas City, Mo.....	73	78	63	106	San Juan, P.R.....	13	14	15	18
Lincoln, Nebr.....	13	21	18	22	^o Current Week Mortality for 108 Selected Cities				
Minneapolis, Minn.....	94	72	66	93	4(A) Total Mortality, all ages.....	12,604			
Omaha, Nebr.....	44	45	37	43	4(B) Pneumonia-Influenza Deaths, all ages.....	501			
St. Louis, Mo.....	142	158	122	160	4(C) Total Deaths under 1 Year of Age.....	845			
St. Paul, Minn.....	28	46	37	44	4(D) Total Deaths, Persons 65 years and over.....	7,107			
Wichita, Kans.....	33	21	27	36					

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

NOTE: All deaths by place of occurrence.

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PUBLIC HEALTH SERVICE
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