

Morbidity and Mortality

Weekly
Report

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

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

For release December 2, 1963

ATLANTA, GEORGIA 30333

Vol. 12, No. 47

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 23, 1963

POLIOMYELITIS - Twenty paralytic and 2 non-paralytic cases of poliomyelitis were reported for the week ended November 23. Fourteen cases, including a non-paralytic case, were reported from Florida; 3 from Virginia; 2 from Pennsylvania; and one each from North Carolina, South Carolina, and Mississippi. The nation's total of 401 cases thus far in 1963 remains below one-half that reported for a comparable period last year.

Florida

All the cases reported from Florida this week occurred in the Jacksonville-Duval County area bringing the total there to 21 cases, 20 of which are paralytic. Three deaths have occurred and additional suspects are under surveillance. Type I poliovirus has been isolated from 15

cases, including the 3 fatalities. Onset dates and paralytic status of the cases are shown graphically on page

Eighteen of the 21 cases occurred in Negroes. Although immunization data are not complete, preliminary information indicates that a large majority of the cases were inadequately immunized. Geographically, the cases were widely scattered throughout Jacksonville and Duval Counties.

Of the 21 cases, 20 occurred in pre-school age children; 13 cases occurred in children 2 years of age or younger.

On Sunday, November 24, a mass immunization program utilizing Type I oral polio vaccine was carried out.

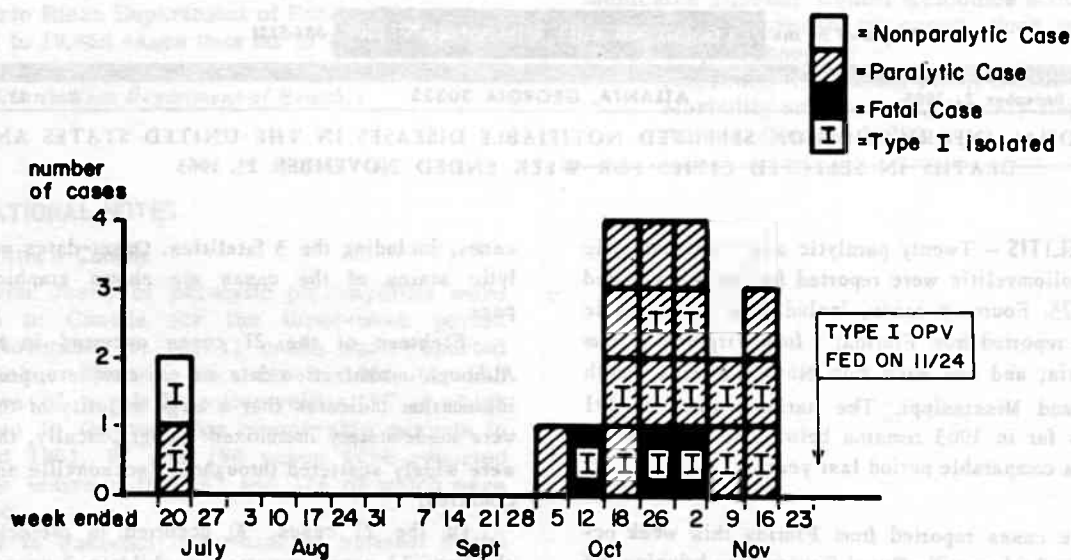
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

Disease	47th Week			Cumulative		
	Ended	Ended	Median	First 47 weeks		
	November 23, 1963	November 24, 1962	1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis.....	28	39	---	1,678	2,351	---
Brucellosis.....	8	1	9	333	354	659
Diphtheria.....	8	15	28	246	413	702
Encephalitis, infectious.....	17	25	22	1,414	1,680	1,679
Hepatitis, infectious and serum...	797	776	776	39,090	48,836	34,917
Measles.....	2,442	2,467	2,371	371,313	458,229	409,863
Meningococcal infections.....	42	32	37	2,143	1,914	2,043
Poliomyelitis, total.....	22	28	40	401	826	3,070
Paralytic.....	20	21	36	343	653	2,124
Nonparalytic.....	2	4	2	40	121	626
Unspecified.....	-	3	2	18	52	320
Streptococcal sore throat and Scarlet fever.....	6,416	5,410	---	303,824	280,421	---
Tetanus.....	5	8	---	256	265	---
Tularemia.....	4	6	---	264	261	---
Typhoid fever.....	7	14	12	488	582	755
Typhus fever, tick-borne, (Rocky Mountain spotted).....	1	-	---	173	214	---
Rabies in Animals.....	64	28	65	3,417	3,313	3,313

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Cum. 4	Psittacosis: Ill. - 1	Cum. 69
Botulism: Ala. - 2, Minn. - 1	39	Rabies in Man:	1
Malaria: N.C. - 1, Pa. - 2	97	Smallpox:	-
Plague:	-	Typhus, murine:	27

POLIOMYELITIS - By Week of Onset Duval County, Florida 1963



About 420,000 of the 470,000 Duval County residents (89 percent) received the vaccine, by estimate.

(Reported by C. M. Sharp, M.D., Assistant State Health Officer, Florida State Board of Health, Edward R. Smith, M.D., City Health Officer, Jacksonville Department of Health; and Thomas E. Morgan, M.D., M.P.H., Director, Duval County Health Department.)

Virginia

The 3 cases from Virginia were all paralytic and represent a geographic clustering of Type I cases in a small community in Goochland County.

Case No.	Age	Race	Sex	Paralytic Status	Onset	IPV	Virus Isolation
1	15	N	M	P	11/11	3	I
2	8	N	M	P	11/12	0	I
3	7	N	F	P	11/19	0	-

Case 2 and Case 3 live in the same household and Case 1 lives across the street.

Type I oral polio vaccine was administered to school children, neighbors and household contacts of the cases. A community-wide Type I oral polio vaccine program is planned for December 8.

(Reported by Dr. James B. Kenley, Director, Bureau of Epidemiology, Virginia State Department of Health.)

Pennsylvania

The 2 cases from Pennsylvania represent delayed reports of paralytic cases, both with Type I isolates, which occurred in September. One case occurred in Lancaster County. The other case occurred in Philadelphia, bringing the total to 55 in that city thus far in 1963. Of the 55 Philadelphia cases, 42 have been paralytic.

(Reported by Dr. W. D. Schrack, Jr., Director, Division of Communicable Disease Control, Pennsylvania State Department of Health.)

BOTULISM - Three cases of botulism were reported for the week ended November 23. Two cases were reported from Alabama and one case from Minnesota. The 3 cases bring the total to 39 thus far in 1963.

Alabama

The 2 cases from Alabama are delayed reports and were related to the smoked whitefish chub incident (See MMWR, Vol. 12, pp. 329, 337, 345, 358, and 378). The patients ate the smoked whitefish chub on October 4 and October 6, respectively, and were treated in a Tennessee hospital. Neither case was fatal.

These cases bring the corrected total for the smoked whitefish outbreak to 17 cases, including 7 deaths. In addition to this outbreak, a separate outbreak which occurred in Michigan, also of Type E botulism related to smoked whitefish, accounted for 2 cases, both fatal. These Michigan cases have not been epidemiologically

(Continued on page 400)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

OCTOBER 1963 AND OCTOBER 1962

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

Reporting Area	October		Cumulative Jan - Oct		Reporting Area	October		Cumulative Jan - Oct	
	1963	1962	1963	1962		1963	1962	1963	1962
NEW ENGLAND.....	56	60	398	452	EAST SOUTH CENTRAL.....	144	114	1,305	995
Maine.....	2	-	9	6	Kentucky.....	15	11	134	113
New Hampshire.....	-	1	8	9	Tennessee.....	38	44	339	273
Vermont.....	1	-	7	-	Alabama.....	71	52	584	492
Massachusetts.....	36	33	247	286	Mississippi.....	20	7	248	117
Rhode Island.....	2	3	15	24	WEST SOUTH CENTRAL.....	240	263	2,298	2,392
Connecticut.....	15	23	112	127	Arkansas.....	13	24	173	186
MIDDLE ATLANTIC.....	703	637	5,111	4,997	Louisiana.....	54	91	476	980
Upstate New York.....	86	71	586	517	Oklahoma.....	21	12	164	118
New York City.....	415	340	2,860	2,691	Texas.....	152	136	1,485	1,108
Pa. (Excl. Phila.).....	34	29	143	139	MOUNTAIN.....	47	32	406	301
Philadelphia.....	41	61	547	661	Montana.....	3	4	9	7
New Jersey.....	127	136	975	989	Idaho.....	-	1	6	4
EAST NORTH CENTRAL.....	186	186	1,651	1,411	Wyoming.....	5	-	15	-
Ohio.....	34	31	321	276	Colorado.....	3	6	31	62
Indiana.....	7	6	46	78	New Mexico.....	17	9	109	57
Downstate Illinois.....	15	12	101	100	Arizona.....	13	6	171	109
Chicago.....	86	90	764	672	Utah.....	2	1	15	6
Michigan.....	37	33	367	238	Nevada.....	4	5	50	56
Wisconsin.....	7	14	52	47	PACIFIC.....	254	237	1,878	1,561
WEST NORTH CENTRAL.....	44	25	414	337	Washington.....	17	5	106	31
Minnesota.....	8	5	64	50	Oregon.....	8	3	55	40
Iowa.....	1	3	25	38	California.....	226	228	1,694	1,469
Missouri.....	22	8	191	159	Alaska.....	1	-	6	5
North Dakota.....	-	-	4	4	Hawaii.....	2	1	17	16
South Dakota.....	2	1	26	29	U. S. TOTAL.....	2,274	2,118	18,711	17,422
Nebraska.....	2	4	52	12	TERRITORIES.....	128	55	698	439
Kansas.....	9	4	52	45	Puerto Rico.....	126	49	683	412
SOUTH ATLANTIC.....	600	564	5,250	4,976	Virgin Islands.....	2	6	15	27
Delaware.....	5	2	44	35					
Maryland.....	51	48	474	439					
District of Columbia.....	46	58	551	610					
Virginia.....	36	47	279	365					
West Virginia.....	7	1	37	36					
North Carolina.....	74	93	754	647					
South Carolina.....	58	66	607	686					
Georgia.....	106	107	912	827					
Florida.....	217	142	1,592	1,331					

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

Venereal Disease Summary

The 2,274 cases of infectious syphilis for October 1963, represent the largest number of cases for any one month since these reports were first submitted to the Communicable Disease Center in July 1961. The previous monthly

high of primary and secondary syphilis was 2,118 cases reported in October 1962.

The 18,711 cases reported through October 1963, represent an increase of 7 percent over the number of cases reported for a comparable period in 1962.

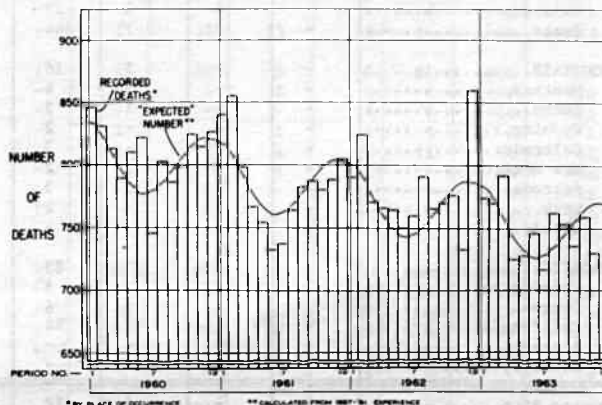
INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending November 23 was 730 as compared with an expected weekly average of 770.

TOTAL DEATHS UNDER ONE YEAR OF AGE IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	11/2	11/9	11/16	11/23		
Observed	767	753	693	707	2,920	730
Expected	769	770	770	770	3,079	770
Excess	-2	-17	-77	-63	-159	-40

DEATHS UNDER ONE YEAR OF AGE IN 108 U.S. CITIES
Average number per week by four-week periods



(See table page 399)

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
NOVEMBER 23, 1963 AND NOVEMBER 24, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	47th week		Cumulative First 47 weeks		47th week		Cumulative First 47 weeks		47th week		47th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES.....	22	28	401	826	20	21	343	653	2	4	28	39
NEW ENGLAND.....	-	1	8	9	-	1	8	8	-	-	2	3
Maine.....	-	-	2	-	-	-	2	-	-	-	-	1
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	1	1	-	-	1	-	-	-	-	-
Massachusetts.....	-	1	3	7	-	1	3	7	-	-	-	1
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	2	1
Connecticut.....	-	-	2	1	-	-	2	1	-	-	-	-
MIDDLE ATLANTIC.....	2	1	116	79	2	1	93	57	-	-	3	4
New York.....	-	1	9	59	-	1	6	40	-	-	3	4
New Jersey.....	-	-	4	7	-	-	3	7	-	-	-	-
Pennsylvania.....	2	-	103	13	2	-	84	10	-	-	-	-
EAST NORTH CENTRAL.....	-	6	54	128	-	5	43	96	-	1	5	2
Ohio.....	-	1	8	20	-	1	4	18	-	-	1	-
Indiana.....	-	-	4	20	-	-	3	16	-	-	-	-
Illinois.....	-	2	17	58	-	1	16	41	-	1	1	-
Michigan.....	-	1	16	20	-	1	16	16	-	-	3	2
Wisconsin.....	-	2	9	10	-	2	4	5	-	-	-	-
WEST NORTH CENTRAL.....	-	-	7	38	-	-	6	27	-	-	-	2
Minnesota.....	-	-	4	7	-	-	4	7	-	-	-	2
Iowa.....	-	-	-	7	-	-	-	3	-	-	-	-
Missouri.....	-	-	-	10	-	-	-	5	-	-	-	-
North Dakota.....	-	-	1	5	-	-	-	3	-	-	-	-
South Dakota.....	-	-	1	1	-	-	1	1	-	-	-	-
Nebraska.....	-	-	1	8	-	-	1	8	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	19	4	90	73	17	4	78	63	2	-	1	1
Delaware.....	-	-	1	-	-	-	1	-	-	-	1	1
Maryland.....	-	-	3	2	-	-	1	1	-	-	-	-
District of Columbia..	-	-	1	2	-	-	-	1	-	-	-	-
Virginia.....	3	-	21	8	3	-	16	8	-	-	-	-
West Virginia.....	-	3	3	14	-	3	3	14	-	-	-	-
North Carolina.....	1	-	5	13	-	-	4	11	1	-	-	-
South Carolina.....	1	-	8	6	1	-	7	6	-	-	-	-
Georgia.....	-	1	21	17	-	1	20	14	-	-	-	-
Florida.....	14	-	27	11	13	-	26	8	1	-	-	-
EAST SOUTH CENTRAL.....	1	7	72	77	1	6	66	64	-	1	4	12
Kentucky.....	-	-	-	29	-	-	-	23	-	-	-	9
Tennessee.....	-	1	10	11	-	-	9	5	-	1	2	1
Alabama.....	-	-	53	22	-	-	48	22	-	-	-	-
Mississippi.....	1	6	9	15	1	6	9	14	-	-	2	2
WEST SOUTH CENTRAL.....	-	8	28	319	-	3	27	244	-	2	-	3
Arkansas.....	-	-	5	21	-	-	4	18	-	-	-	-
Louisiana.....	-	-	15	25	-	-	15	22	-	-	-	-
Oklahoma.....	-	6	1	29	-	2	1	20	-	1	-	-
Texas.....	-	2	7	244	-	1	7	184	-	1	-	3
MOUNTAIN.....	-	-	5	18	-	-	4	14	-	-	2	1
Montana.....	-	-	-	4	-	-	-	3	-	-	-	-
Idaho.....	-	-	1	2	-	-	1	1	-	-	-	-
Wyoming.....	-	-	-	2	-	-	-	1	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	2	-	-	2	1
New Mexico.....	-	-	1	2	-	-	-	2	-	-	-	-
Arizona.....	-	-	3	3	-	-	3	3	-	-	-	-
Utah.....	-	-	-	2	-	-	-	2	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	-	1	21	85	-	1	18	80	-	-	11	11
Washington.....	-	-	2	5	-	-	2	5	-	-	2	1
Oregon.....	-	-	2	6	-	-	1	5	-	-	-	-
California.....	-	1	17	74	-	1	15	70	-	-	9	10
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	5	12	-	-	4	12	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
NOVEMBER 23, 1963 AND NOVEMBER 24, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
	47th week	Cumulative 47 weeks	47th week	Cumulative 47 weeks	47th week		47th week			47th week		
							Under 20 yr.	20 & over	Total			
1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962	
UNITED STATES.....	8	333	8	246	17	25	391	358	797	776	2,442	2,467
NEW ENGLAND.....	-	1	-	8	-	-	58	51	109	87	230	161
Maine.....	-	-	-	-	-	-	26	22	48	36	4	17
New Hampshire.....	-	-	-	-	-	-	11	7	18	3	-	2
Vermont.....	-	1	-	-	-	-	3	1	4	2	65	16
Massachusetts.....	-	-	-	6	-	-	9	11	20	32	35	42
Rhode Island.....	-	-	-	2	-	-	-	4	4	5	34	-
Connecticut.....	-	-	-	-	-	-	9	6	15	9	92	84
MIDDLE ATLANTIC.....	-	8	-	22	6	7	85	102	187	154	634	181
New York.....	-	4	-	13	6	7	51	54	105	97	274	74
New Jersey.....	-	1	-	4	-	-	9	21	30	16	211	36
Pennsylvania.....	-	3	-	5	-	-	25	27	52	41	149	71
EAST NORTH CENTRAL.....	3	46	2	34	4	-	64	39	117	127	471	944
Ohio.....	-	-	-	1	1	-	22	14	44	50	82	68
Indiana.....	-	6	-	10	-	-	12	1	13	15	55	35
Illinois.....	-	22	2	17	1	-	6	10	16	25	169	22
Michigan.....	-	6	-	4	1	-	23	14	37	32	112	182
Wisconsin.....	3	12	-	2	1	-	1	-	7	5	53	637
WEST NORTH CENTRAL.....	3	174	-	41	3	-	31	17	51	18	40	125
Minnesota.....	-	9	-	15	-	-	1	3	5	2	2	8
Iowa.....	2	130	-	1	-	-	2	4	6	3	15	60
Missouri.....	-	12	-	1	-	-	5	7	13	6	5	3
North Dakota.....	-	-	-	2	1	-	13	-	13	-	18	54
South Dakota.....	1	11	-	12	-	-	4	-	5	3	-	-
Nebraska.....	-	6	-	10	-	-	3	3	6	3	-	-
Kansas.....	-	6	-	-	2	-	3	-	3	1	NN	NN
SOUTH ATLANTIC.....	1	22	2	58	1	2	34	32	68	74	143	123
Delaware.....	-	-	-	-	-	-	2	1	3	1	12	2
Maryland.....	-	-	-	-	-	-	7	2	9	6	29	4
District of Columbia..	-	-	-	1	-	-	-	-	-	3	13	6
Virginia.....	-	11	-	-	-	-	1	2	3	9	-	11
West Virginia.....	-	-	-	1	-	-	4	6	11	10	49	89
North Carolina.....	1	5	-	5	-	1	18	13	31	19	18	11
South Carolina.....	-	-	-	17	-	1	1	-	1	3	20	-
Georgia.....	-	3	-	18	-	-	-	1	1	1	-	-
Florida.....	-	3	2	16	1	-	1	7	9	22	2	-
EAST SOUTH CENTRAL.....	-	14	1	21	1	3	16	9	27	61	266	152
Kentucky.....	-	3	-	-	-	2	8	3	13	27	216	35
Tennessee.....	-	6	-	3	1	1	6	2	8	23	47	116
Alabama.....	-	5	1	15	-	-	1	2	3	8	-	-
Mississippi.....	-	-	-	3	-	-	1	2	3	3	3	1
WEST SOUTH CENTRAL.....	1	36	3	53	-	2	36	21	58	35	55	93
Arkansas.....	-	8	1	3	-	-	1	1	2	5	-	50
Louisiana.....	-	8	2	33	-	-	4	7	11	2	-	-
Oklahoma.....	-	5	-	6	-	-	-	-	-	4	2	-
Texas.....	1	15	-	11	-	2	31	13	45	24	53	43
MOUNTAIN.....	-	9	-	5	1	1	10	5	40	51	235	301
Montana.....	-	-	-	-	-	-	1	2	3	4	167	76
Idaho.....	-	-	-	-	-	-	-	-	11	7	14	30
Wyoming.....	-	1	-	-	-	1	-	1	1	5	6	1
Colorado.....	-	-	-	3	-	-	2	1	3	11	14	62
New Mexico.....	-	-	-	2	-	-	3	1	4	7	NN	NN
Arizona.....	-	3	-	-	-	-	-	-	14	9	5	11
Utah.....	-	5	-	-	1	-	4	-	4	8	29	121
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	-	23	-	4	1	10	57	82	140	169	368	387
Washington.....	-	-	-	-	-	-	6	6	12	21	85	108
Oregon.....	-	3	-	-	-	-	6	10	17	16	45	54
California.....	-	18	-	4	1	10	39	60	99	110	203	161
Alaska.....	-	-	-	-	-	-	6	5	11	19	35	14
Hawaii.....	-	2	-	-	-	-	-	1	1	3	-	50
Puerto Rico.....	-	1	1	13	-	-	14	1	15	9	85	35

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

NOVEMBER 23, 1963 AND NOVEMBER 24, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	47th wk.	Cumulative 47 weeks	47th week		47th wk.	47th wk.	47th wk.	47th wk.	Cumulative 47 weeks	47th week		Cumulative 47 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES.....	42	2,143	6,416	5,410	5	1	4	7	488	64	28	3,417
NEW ENGLAND.....	3	130	657	459	-	-	-	-	12	-	-	32
Maine.....	-	19	96	60	-	-	-	-	2	-	-	2
New Hampshire.....	-	4	-	11	-	-	-	-	-	-	-	15
Vermont.....	-	6	9	6	-	-	-	-	1	-	-	14
Massachusetts.....	-	58	75	60	-	-	-	-	6	-	-	1
Rhode Island.....	1	12	26	28	-	-	-	-	-	-	-	-
Connecticut.....	2	31	451	294	-	-	-	-	3	-	-	-
MIDDLE ATLANTIC.....	6	298	386	210	-	-	-	1	87	1	1	112
New York.....	2	139	295	151	-	-	-	-	45	1	1	83
New Jersey.....	3	47	53	32	-	-	-	1	6	-	-	-
Pennsylvania.....	1	112	38	27	-	-	-	-	36	-	-	29
EAST NORTH CENTRAL..	9	332	612	498	-	-	1	2	63	8	3	515
Ohio.....	5	90	85	72	-	-	-	1	27	2	-	301
Indiana.....	2	48	60	71	-	-	1	-	7	3	1	50
Illinois.....	1	67	116	73	-	-	-	1	13	2	1	73
Michigan.....	1	94	254	148	-	-	-	-	11	1	1	48
Wisconsin.....	-	33	97	134	-	-	-	-	5	-	-	43
WEST NORTH CENTRAL..	4	131	156	110	-	-	-	1	27	23	8	902
Minnesota.....	1	26	10	8	-	-	-	-	3	7	5	244
Iowa.....	-	7	22	39	-	-	-	-	3	4	-	316
Missouri.....	2	38	62	-	-	-	-	1	17	8	1	159
North Dakota.....	1	15	32	58	-	-	-	-	-	1	-	35
South Dakota.....	-	7	6	3	-	-	-	-	1	1	2	93
Nebraska.....	-	25	-	1	-	-	-	-	1	1	-	32
Kansas.....	-	13	24	1	-	-	-	-	2	1	-	23
SOUTH ATLANTIC.....	10	399	649	325	1	-	-	1	71	7	4	489
Delaware.....	-	4	12	4	-	-	-	-	4	-	-	1
Maryland.....	4	57	43	16	-	-	-	-	11	-	-	2
Dist. of Columbia..	-	8	1	-	-	-	-	-	-	-	-	-
Virginia.....	-	86	228	132	-	-	-	-	8	3	4	190
West Virginia.....	1	21	229	120	-	-	-	-	7	1	-	112
North Carolina.....	3	75	28	30	-	-	-	1	16	-	-	16
South Carolina.....	-	22	34	23	-	-	-	-	6	-	-	10
Georgia.....	-	33	5	-	-	-	-	-	2	1	-	80
Florida.....	2	93	69	-	1	-	-	-	17	2	-	78
EAST SOUTH CENTRAL..	1	146	1,122	793	1	1	-	2	69	8	2	260
Kentucky.....	-	31	44	118	-	-	-	-	13	2	2	117
Tennessee.....	1	68	1,008	645	-	-	-	2	29	6	-	123
Alabama.....	-	24	7	22	-	1	-	-	11	-	-	20
Mississippi.....	-	23	63	8	1	-	-	-	16	-	-	-
WEST SOUTH CENTRAL..	5	194	617	522	-	-	2	-	85	8	6	650
Arkansas.....	-	14	2	1	-	-	-	-	34	5	1	81
Louisiana.....	4	78	15	2	-	-	-	-	25	2	-	49
Oklahoma.....	1	34	26	3	-	-	-	-	6	1	-	56
Texas.....	-	68	574	516	-	-	2	-	20	-	5	464
MOUNTAIN.....	2	75	1,363	1,422	-	-	1	-	18	-	1	132
Montana.....	-	3	73	59	-	-	-	-	-	-	-	-
Idaho.....	-	6	105	153	-	-	-	-	-	-	-	-
Wyoming.....	-	7	-	192	-	-	-	-	-	-	-	-
Colorado.....	-	20	422	552	-	-	1	-	6	-	-	16
New Mexico.....	-	4	365	207	-	-	-	-	5	-	-	40
Arizona.....	-	11	115	110	-	-	-	-	7	-	1	62
Utah.....	2	20	283	149	-	-	-	-	-	-	-	3
Nevada.....	-	4	-	-	-	-	-	-	-	-	-	11
PACIFIC.....	2	438	854	1,071	3	-	-	-	56	9	3	325
Washington.....	-	39	121	310	-	-	-	-	3	-	-	-
Oregon.....	-	32	28	10	-	-	-	-	2	-	-	13
California.....	2	342	620	710	3	-	-	-	48	9	3	303
Alaska.....	-	12	38	38	-	-	-	-	1	-	-	9
Hawaii.....	-	13	47	3	-	-	-	-	2	-	-	-
Puerto Rico.....	-	8	5	-	1	-	-	-	13	-	-	13

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

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

Area	For weeks ending				Area	For weeks ending			
	11/2	11/9	11/16	11/23		11/2	11/9	11/16	11/23
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	17	12	16	14	Atlanta, Ga.....	18	6	7	20
Bridgeport, Conn.....	-	1	3	4*	Baltimore, Md.....	18	17	20	16
Cambridge, Mass.....	2	-	-	3	Charlotte, N.C.....	5	3	3	4
Fall River, Mass.....	2	-	-	3	Jacksonville, Fla.....	2	7	5	4
Hartford, Conn.....	4	6	4	6	Miami, Fla.....	2	6	6	1
Lowell, Mass.....	1	-	2	2	Norfolk, Va.....	3	7	4	2
Lynn, Mass.....	-	-	1	-	Richmond, Va.....	8	11	4	7
New Bedford, Mass.....	3	1	1	1*	Savannah, Ga.....	3	3	3	1
New Haven, Conn.....	2	2	17	6	St. Petersburg, Fla.....	-	-	2	3
Providence, R.I.....	6	9	4	3	Tampa, Fla.....	4	3	3	3
Somerville, Mass.....	-	-	-	-	Washington, D.C.....	28	19	11	13
Springfield, Mass.....	2	-	3	1	Wilmington, Del.....	4	2	2	4
Waterbury, Conn.....	7	2	-	5					
Worcester, Mass.....	3	1	-	3	EAST SOUTH CENTRAL:				
MIDDLE ATLANTIC:					Birmingham, Ala.....	3	8	6	3
Albany, N.Y.....	-	4	2	1	Chattanooga, Tenn.....	1	5	2	2
Allentown, Pa.....	-	-	2	1	Knoxville, Tenn.....	2	3	1	2
Buffalo, N.Y.....	7	4	8	6	Louisville, Ky.....	17	6	7	15
Camden, N.J.....	5	3	4	5	Memphis, Tenn.....	11	14	12	15
Elizabeth, N.J.....	2	2	1	2	Mobile, Ala.....	1	4	4	2
Erie, Pa.....	1	-	4	1	Montgomery, Ala.....	2	1	4	-
Jersey City, N.J.....	3	3	5	7	Nashville, Tenn.....	5	5	5	4
Newark, N.J.....	4	29	6	4	WEST SOUTH CENTRAL:				
New York City, N.Y.....	78	80	75	91	Austin, Tex.....	5	1	3	3
Paterson, N.J.....	3	2	1	4	Baton Rouge, La.....	3	2	-	2
Philadelphia, Pa.....	19	37	19	28	Corpus Christi, Tex.....	5	2	1	5
Pittsburgh, Pa.....	10	7	10	9	Dallas, Tex.....	11	15	11	10
Reading, Pa.....	1	1	-	3	El Paso, Tex.....	2	4	5	6
Rochester, N.Y.....	5	6	8	5	Fort Worth, Tex.....	4	5	2	3
Schenectady, N.Y.....	-	1	-	-	Houston, Tex.....	26	12	10	3
Scranton, Pa.....	-	1	-	-	Little Rock, Ark.....	3	3	6	-
Syracuse, N.Y.....	7	5	1	5	New Orleans, La.....	14	20	23	9
Trenton, N.J.....	3	2	4	1	Oklahoma City, Okla.....	2	10	10	5
Utica, N.Y.....	-	1	1	2	San Antonio, Tex.....	6	3	11	12
Yonkers, N.Y.....	1	1	1	-	Shreveport, La.....	5	7	3	4
EAST NORTH CENTRAL:					Tulsa, Okla.....	3	8	4	3
Akron, Ohio.....	4	3	3	6	MOUNTAIN:				
Canton, Ohio.....	-	1	1	-	Albuquerque, N. Mex.....	4	8	3	3
Chicago, Ill.....	49	50	46	49	Colorado Springs, Colo...	-	1	2	-
Cincinnati, Ohio.....	7	8	12	13	Denver, Colo.....	9	6	9	10
Cleveland, Ohio.....	14	23	8	17	Ogden, Utah.....	2	2	-	1
Columbus, Ohio.....	7	7	8	13	Phoenix, Ariz.....	8	6	5	14
Dayton, Ohio.....	4	6	4	4	Pueblo, Colo.....	2	1	1	1
Detroit, Mich.....	30	18	20	18	Salt Lake City, Utah.....	3	6	4	2
Evansville, Ind.....	4	5	-	2	Tucson, Ariz.....	1	3	3	4
Flint, Mich.....	2	4	8	-	PACIFIC:				
Fort Wayne, Ind.....	3	6	2	2	Berkeley, Calif.....	2	1	2	1*
Gary, Ind.....	9	3	1	7	Fresno, Calif.....	2	2	3	6
Grand Rapids, Mich.....	6	2	6	4	Glendale, Calif.....	1	-	-	-
Indianapolis, Ind.....	18	10	13	5	Honolulu, Hawaii.....	10	5	7	7
Madison, Wis.....	10	4	5	6	Long Beach, Calif.....	1	2	5	6
Milwaukee, Wis.....	6	8	7	7	Los Angeles, Calif.....	38	36	40	32
Peoria, Ill.....	4	2	7	4	Oakland, Calif.....	9	4	8	3
Rockford, Ill.....	3	-	1	2*	Pasadena, Calif.....	2	-	-	3
South Bend, Ind.....	1	3	2	4	Portland, Oreg.....	8	5	-	5
Toledo, Ohio.....	5	6	3	6	Sacramento, Calif.....	1	-	2	1
Youngstown, Ohio.....	2	2	2	1	San Diego, Calif.....	6	4	4	4
WEST NORTH CENTRAL:					San Francisco, Calif.....	7	14	13	12
Des Moines, Iowa.....	6	2	3	1	San Jose, Calif.....	6	4	2	2
Duluth, Minn.....	-	1	1	-	Seattle, Wash.....	9	4	6	7
Kansas City, Kans.....	1	6	1	3*	Spokane, Wash.....	3	2	3	1
Kansas City, Mo.....	16	3	6	2	Tacoma, Wash.....	1	2	4	1
Lincoln, Nebr.....	1	2	3	2					
Minneapolis, Minn.....	7	6	6	10	San Juan, P.R.....	(---)	(---)	(---)	(---)
Omaha, Nebr.....	4	13	4	6					
St. Louis, Mo.....	22	12	11	11					
St. Paul, Minn.....	7	2	3	4					
Wichita, Kans.....	4	4	1	4					

^o Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.....	11,454
4(B) Pneumonia-Influenza Deaths, all ages.....	413
4(C) Total Deaths under 1 Year of Age.....	707
4(D) Total Deaths, Persons 65 years and over.....	6,455

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

NOTE: All deaths by place of occurrence.

ried with the outbreak in Kentucky, Tennessee, and Alabama.

(Reported by Dr. W. H. Y. Smith, M.P.H., Director, Bureau of Preventable Disease, and Ira L. Myers, M.D., State Health Officer, Alabama Department of Public Health.)

Minnesota

A single case of botulism related to the consumption of non-commercially processed smoked fish was reported this week from Minnesota.

On November 11, the patient, a 65-year-old man, was given a box containing several smoked ciscoes by a hunting companion. Upon returning home, he refrigerated them. Three days later, he consumed three of the fish and gave two to his dog. Before finishing the meal, the man became nauseated and attempted, unsuccessfully, to induce vomiting. His dog acted peculiarly after eating the fish and was allowed to sleep in the house that night. During the night, the dog was heard to yelp and was found to be vomiting and apparently convulsing. The dog was led out of the house to recover. He eventually recovered uneventfully.

The following morning, the patient noted symptoms of diplopia and difficulty in walking and swallowing. He did not, however, seek medical attention. On November 16, upon a neighbor's insistence, he was taken to a hospital in a nearby town for examination. Symptoms by this time had diminished. The patient was found to have a slow pulse, no fever and no evident paralysis. Botulism was suspected and antitoxin administered.

No fish were available for examination; the remainder having been burned by the patient.

(Reported by Dr. C. B. Nelson, Chief, Section of Acute Diseases, Minnesota Department of Health.)

EPIDEMIOLOGICAL REPORT

Dengue Fever – Puerto Rico

During the week ended November 23, 1,733 cases of dengue fever were officially reported to the Puerto Rico Department of Health. This brings the 1963 total to 21,388 cases.

(Reported by Rafael Timothee, M.D., Director, Preventive Medical Services, Puerto Rico Department of Health, and a team from the Communicable Disease Center.)

INTERNATIONAL NOTES – QUARANTINE MEASURES

Dengue Fever – Jamaica

For the week ending November 9, 29 cases of dengue fever were officially reported in Jamaica. These cases bring the cumulative total to 1,087 thus far in 1963.

(Reported by Dr. Ruth Puffer, Pan American Health Organization, Washington.)

Quarantine Measures

No additional pertinent information or changes.

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

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