



Morbidity and Mortality

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

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EPIDEMIOLOGIC NOTES AND REPORTS INFLUENZA - Puerto Rico

During the third week of August 1970, the Puerto Rico Department of Health noted increasing numbers of cases of influenza-like illness which were localized to a few municipalities in the northwest section of the island (MMWR, Vol. 19, No. 41). The number of reported cases continued to rise through mid-October (Figure 1), with most cases occurring in Hatillo, Quebradillas, and Adjuntas. Hong Kong-like A2 influenza has been isolated at CDC from throat specimens from patients in Hatillo, Quebradillas, Utuado, and Aguada. Many cases of influenza-like illness have been seen, but not officially reported, in Lares, Utuado, Camuy, Aguada, Las Marías and San Sebastián (Figure 2). By the end of October, however, all reported outbreaks had either reached their peaks or started to decline.

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BOTULISM EMERGENCY NUMBER CHANGES

Effective Nov. 16, 1970, the CDC Emergency Rare Drug Supply (Botulism) telephone numbers will be as follows:

8:30 a.m.-4:30 p.m., Monday-Friday (except holidays):
404 633-3311

All other times: 404 633-2176 or 414 633-8673

The old botulism night phone number (404 634-2561) will no longer be in use and should be deleted from all records.

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

DISEASE	44th WEEK ENDED		MEDIAN 1965 - 1969	CUMULATIVE, FIRST 44 WEEKS		
	November 7, 1970	November 1, 1969		1970	1969	MEDIAN 1965 - 1969
Aseptic meningitis	177	107	105	5,252	2,973	2,605
Brucellosis	6	2	3	180	200	209
Diphtheria	6	3	4	384	147	147
Encephalitis, primary:						
Arthropod-borne & unspecified	41	24	35	1,346	1,087	1,408
Encephalitis, post-infectious	6	8	8	345	270	587
Hepatitis, serum	174	109	799	6,165	4,467	34,390
Hepatitis, infectious	1,188	1,025		47,674	40,017	
Malaria	89	95	63	2,902	2,648	1,752
Measles (rubeola)	376	192	253	41,674	21,671	59,632
Meningococcal infections, total	54	25	30	2,095	2,568	2,568
Civilian	53	25	29	1,881	2,361	2,361
Military	1	—	1	214	207	190
Mumps	1,899	1,204	—	84,134	73,901	—
Poliomyelitis, total	1	1	1	24	17	54
Paralytic	1	1	1	24	16	42
Rubella (German measles)	431	318	—	51,850	51,346	—
Tetanus	5	2	4	109	134	166
Tularemia	5	4	4	134	128	156
Typhoid fever	9	8	8	295	277	338
Typhus, tick-borne (Rky. Mt. spotted fever)	4	8	3	329	434	268
Rabies in animals	44	50	55	2,580	2,879	3,482

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Psittacosis:	27
Botulism:	12	Rabies in Man:	2
Leprosy: Calif.-1, Ill.-1	101	Rubella congenital syndrome:	55
Leptospirosis: * R.I.-1	40	Trichinosis: Calif.-1, Tex.-1	87
Plague:	11	Typhus, murine:	32

*Delayed reports: Leptospirosis: Pa. delete 1
Rubella congenital syndrome: Colo. 4

INFLUENZA - (Continued from front page)

Figure 1
REPORTED CASES OF INFLUENZA-LIKE ILLNESS
PUERTO RICO - MAY 30-OCT. 16, 1970

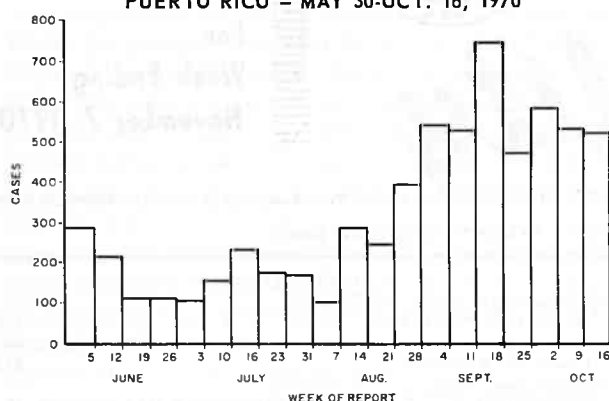
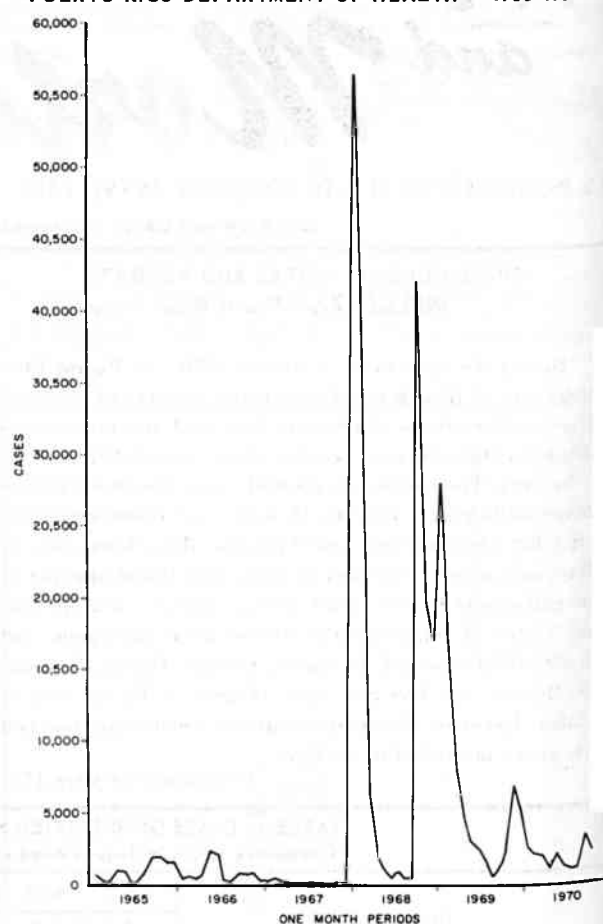


Figure 2
PUERTO RICO MUNICIPALITIES REPORTING INCREASING
NUMBERS OF CASES OF INFLUENZA-LIKE ILLNESS
AUGUST-OCTOBER 1970



Puerto Rico has now reported A2 influenza activity for 4 years in a row (Figure 3). The 1967-68 epidemic involved the entire island and was presumed to be due to A2 viruses similar to those circulating in the continental United States at the same time. A total of 107,519 cases were recorded during that period. In 1968-69, an island-wide epidemic due to A2 Hong Kong-like virus was responsible for 143,388 reported cases. Only scattered small outbreaks of influenza-like illness occurred in 1969-70, primarily in the south and east. Total reported cases during that season numbered 28,141. The outbreak in Puerto Rico in 1967-68 coincided with that in the continental United States, but in 1968-69 and 1969-70, the Puerto Rican outbreaks occurred 1-2 months earlier.

Figure 3
CASES OF INFLUENZA-LIKE ILLNESS REPORTED TO THE
PUERTO RICO DEPARTMENT OF HEALTH - 1965-1970



With the influenza season in Puerto Rico currently either at or past its peak, only 7,258 cases have been reported (July 1 through Oct. 20, 1970), which indicates the much more limited extent of the outbreak this year. Isolated pockets of susceptible persons may have accounted for the current outbreaks.

(Reported by the Puerto Rico Department of Health and an EIS Officer.)

FOLLOW-UP ARBOVIRUS SURVEILLANCE - Florida, 1970

The arbovirus surveillance network established in Florida in June 1970 (MMWR, Vol. 19, No. 28) continued operations through October. Hospitals were asked to make weekly reports to their county health departments of all cases of acute central nervous system (CNS) illness. Eighteen of the 67 counties made a weekly report for at least half of the weeks, and 40 counties reported at least once. During the period of surveillance, 96 cases of encephalitis and 271 cases of aseptic meningitis were reported through this system. Serum or other specimens were submitted to the

State virus diagnostic laboratories for 20 of these encephalitis cases and for 31 of the aseptic meningitis cases. No arboviral illness was detected.

The laboratories also examined specimens from 805 possible cases of CNS infection not reported through the surveillance system. Two cases were confirmed as arboviral disease due to Eastern Equine Encephalomyelitis (EEE) virus; none were due to recent infection with St. Louis Encephalitis (SLE) virus.

As part of the surveillance program, sentinel chicken

flocks were maintained in several parts of the state. Only one of the 3,368 sera tested showed equivocal evidence of infection with SLE virus. A total of 2,269 pools of *Culex nigripalpus* mosquitoes were also collected and tested; none were positive for SLE. Serum specimens from 3,820 netted birds and 297 trapped mammals yielded these test results: six birds and one mammal were positive for SLE, and four mammals were positive for EEE. Repeat collections from areas where SLE positives had been found

were tested and no evidence of current SLE virus activity was present. On serologic examination of 418 serum specimens from horses, 60 specimens were positive for EEE and none positive for SLE.

(Reported by E. Charlton Prather, M.D., Coordinator, Encephalitis Activities, Florida Division of Health; and the Arbovirology Unit, Laboratory Division, and the Neurotropic Viral Diseases Unit, Viral Diseases Branch, Epidemiology Program, CDC.)

CHOLERA - Worldwide

Official World Health Organization (1) reports now list the following countries as having confirmed cholera cases: Burma, Czechoslovakia, Ethiopia, Guinea, India, Indonesia, Ivory Coast, Liberia, Libya, Malaysia, Nepal, Pakistan, Philippines, Saudi Arabia, Sierra Leone, Syria, Trucial Oman-Dubai, and Vietnam.

An outbreak of 10 cases, with one death, occurred in Czechoslovakia representing the first non-imported cholera in Europe since 1923 (2). The addition of Ivory Coast and Ethiopia to the WHO list indicates that cholera has continued to spread in Africa.

(Reported by the Bacterial Diseases Branch, Epidemiology Program, and the Foreign Quarantine Program, CDC.)

Editorial Note:

The possibility of large-scale European outbreaks is small because of the generally high levels of sanitation and safety of most water supplies. Sporadic small outbreaks may occur in areas where this is not the case. The risk of infection for American travelers is extremely small (MMWR, Vol. 19, No. 33). Vaccinations still are not required for U.S. travelers to Europe.

References:

1. Weekly Epidemiological Report - WHO, Vol. 42, No. 43, Oct. 28, 1970.
2. Cholera. R. Pollitzer, WHO, 1969.

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas October 1969 and October 1970 - Provisional Data

Reporting Area	October		Cumulative Jan. - Oct.		Reporting Area	October		Cumulative Jan. - Oct.	
	1970	1969	1970	1969		1970	1969	1970	1969
NEW ENGLAND.....	44	28	446	308	EAST SOUTH CENTRAL.....	71	73	656	821
Maine.....	1	1	11	7	Kentucky.....	25	13	182	135
New Hampshire.....	-	-	1	8	Tennessee.....	21	24	156	262
Vermont.....	-	1	2	1	Alabama.....	12	16	130	213
Massachusetts.....	31	10	249	174	Mississippi.....	13	20	188	211
Rhode Island.....	-	5	49	36					
Connecticut.....	12	11	134	82	WEST SOUTH CENTRAL.....	381	324	3,352	3,027
MIDDLE ATLANTIC.....	515	351	4,440	3,218	Arkansas.....	33	25	254	186
Upstate New York.....	42	18	336	223	Louisiana.....	77	69	650	597
New York City.....	341	226	3,080	2,198	Oklahoma.....	17	14	93	70
Pa. (Excl. Phila.).....	16	15	135	116	Texas.....	254	216	2,355	2,174
Philadelphia.....	16	18	170	180	MOUNTAIN.....	63	57	497	532
New Jersey.....	100	74	719	501	Montana.....	-	-	4	7
EAST NORTH CENTRAL.....	222	290	2,052	2,228	Idaho.....	-	1	1	7
Ohio.....	33	54	303	336	Wyoming.....	1	-	4	5
Indiana.....	36	48	363	331	Colorado.....	7	6	34	41
Downstate Illinois.....	20	28	119	217	New Mexico.....	20	20	107	226
Chicago.....	71	106	701	799	Arizona.....	12	21	191	175
Michigan.....	55	51	489	524	Utah.....	2	2	20	15
Wisconsin.....	7	3	77	21	Nevada.....	21	7	136	56
WEST NORTH CENTRAL.....	56	44	445	323	PACIFIC.....	211	211	1,970	1,561
Minnesota.....	5	6	69	46	Washington.....	5	10	40	54
Iowa.....	2	5	11	35	Oregon.....	1	4	23	36
Missouri.....	41	16	249	143	California.....	204	196	1,888	1,458
North Dakota.....	-	1	4	9	Alaska.....	-	-	11	7
South Dakota.....	2	5	15	20	Hawaii.....	1	1	8	6
Nebraska.....	3	5	19	29	U. S. TOTAL.....	2,046	1,838	18,003	16,079
Kansas.....	3	6	78	41	TERRITORIES.....	80	85	798	991
SOUTH ATLANTIC.....	483	460	4,145	4,061	Puerto Rico.....	75	82	769	965
Delaware.....	13	4	104	37	Virgin Islands.....	5	3	29	26
Maryland.....	31	39	337	357					
District of Columbia.....	67	56	452	459					
Virginia.....	44	33	234	236					
West Virginia.....	5	-	25	15					
North Carolina.....	21	62	375	430					
South Carolina.....	24	41	297	478					
Georgia.....	123	90	1,155	874					
Florida.....	155	135	1,166	1,175					

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

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 7, 1970 AND NOVEMBER 1, 1969 (44th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS		POLIOMYELITIS		
	1970	Cumulative		1970	Cumulative		1970	Cum. 1970	Total 1970	Paralytic	
		1970	1969		1970	1969				1970	Cum. 1970
UNITED STATES.....	376	41,674	21,671	54	2,095	2,568	1,899	84,134	1	1	24
NEW ENGLAND.....	12	940	1,128	5	92	101	193	9,706	-	-	-
Maine.....*	9	239	9	1	4	7	9	724	-	-	-
New Hampshire.....	-	60	241	1	9	4	13	353	-	-	-
Vermont.....	-	8	3	1	8	-	-	643	-	-	-
Massachusetts.....	2	414	225	-	38	38	58	2,981	-	-	-
Rhode Island.....	-	120	27	-	6	14	70	1,779	-	-	-
Connecticut.....	1	99	623	2	27	38	43	3,226	-	-	-
MIDDLE ATLANTIC.....	7	5,008	7,625	1	379	427	96	8,081	-	-	-
New York City.....	4	953	4,963	-	84	82	7	2,905	-	-	-
New York, Up-State...	-	323	610	1	73	82	NN	NN	-	-	-
New Jersey.....	1	1,714	944	-	152	166	38	2,194	-	-	-
Pennsylvania.....	2	2,018	1,108	-	70	97	51	2,982	-	-	-
EAST NORTH CENTRAL.....	48	10,021	2,434	2	242	350	551	22,712	-	-	2
Ohio.....	4	3,844	402	-	90	131	69	3,932	-	-	-
Indiana.....	-	273	470	1	21	45	39	1,988	-	-	-
Illinois.....	23	3,116	616	1	60	49	37	1,831	-	-	-
Michigan.....	15	1,796	326	-	61	100	143	5,590	-	-	1
Wisconsin.....	6	992	620	-	10	25	263	9,371	-	-	1
WEST NORTH CENTRAL.....	7	3,894	846	2	109	128	197	4,493	-	-	1
Minnesota.....	-	40	9	2	18	28	50	454	-	-	-
Iowa.....*	2	1,158	336	-	13	19	135	2,741	-	-	-
Missouri.....	-	1,276	31	-	58	53	-	387	-	-	1
North Dakota.....	-	320	22	-	5	2	8	333	-	-	-
South Dakota.....	-	96	3	-	1	1	1	42	-	-	-
Nebraska.....	5	936	438	-	7	9	3	392	-	-	-
Kansas.....	-	68	7	-	7	16	-	144	-	-	-
SOUTH ATLANTIC.....	35	7,336	2,597	10	407	454	144	9,419	-	-	-
Delaware.....	1	265	395	-	3	13	9	336	-	-	-
Maryland.....	-	1,377	77	-	41	41	11	991	-	-	-
Dist. of Columbia...	1	344	28	-	3	9	4	198	-	-	-
Virginia.....*	20	2,034	889	1	42	55	28	2,098	-	-	-
West Virginia.....	2	322	214	2	12	22	52	2,358	-	-	-
North Carolina.....	1	886	323	2	87	85	NN	NN	-	-	-
South Carolina.....	7	606	126	-	45	57	9	915	-	-	-
Georgia.....	-	17	2	-	35	77	-	3	-	-	-
Florida.....	3	1,485	543	5	139	95	31	2,520	-	-	-
EAST SOUTH CENTRAL.....	62	1,484	116	8	156	161	160	4,961	-	-	-
Kentucky.....	45	847	66	6	58	54	66	1,832	-	-	-
Tennessee.....	10	400	20	2	63	65	82	2,777	-	-	-
Alabama.....	6	146	6	-	24	25	12	304	-	-	-
Mississippi.....	1	91	24	-	11	17	-	48	-	-	-
WEST SOUTH CENTRAL.....	119	8,308	4,778	2	271	341	194	8,015	1	1	20
Arkansas.....	-	30	16	-	22	32	6	133	-	-	-
Louisiana.....	8	156	124	-	65	91	2	40	-	-	-
Oklahoma.....	73	653	142	-	21	34	42	2,594	-	-	-
Texas.....	38	7,469	4,496	2	163	184	144	5,248	1	1	20
MOUNTAIN.....	28	1,669	1,024	1	47	50	62	3,918	-	-	1
Montana.....	-	100	64	-	1	8	4	759	-	-	-
Idaho.....	17	86	90	-	7	11	3	96	-	-	-
Wyoming.....	-	11	-	-	2	-	-	36	-	-	-
Colorado.....	-	187	141	1	17	8	31	1,371	-	-	1
New Mexico.....	8	248	270	-	1	6	10	742	-	-	-
Arizona.....	3	980	448	-	15	10	11	787	-	-	-
Utah.....	-	36	10	-	3	5	3	127	-	-	-
Nevada.....	-	21	1	-	1	2	-	-	-	-	-
PACIFIC.....	58	3,014	1,123	23	392	556	302	12,829	-	-	-
Washington.....	23	602	66	-	47	56	130	4,749	-	-	-
Oregon.....	3	376	200	-	29	18	34	1,131	-	-	-
California.....	32	1,706	800	23	313	461	135	5,285	-	-	-
Alaska.....	-	141	13	-	-	11	3	393	-	-	-
Hawaii.....	-	189	44	-	3	10	-	1,271	-	-	-
Puerto Rico.....	-	958	1,736	-	5	19	-	811	-	-	-
Virgin Islands.....	-	6	43	2	3	-	-	3	-	-	-

* Delayed reports: Measles: Me. 5, N.H. 1, Iowa 3, D.C. delete 1, Va. 3, Okla. 1

Mumps: N.H. 1, D.C. 1, Va. 15, Okla. 5

Poliomyelitis, paralytic: W. Va. delete 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 7, 1970 AND NOVEMBER 1, 1969 (44th WEEK)

AREA	ASEPTIC MENIN- GITIS	BRUCEL- LOSIS	DIPH- THERIA	ENCEPHALITIS			HEPATITIS			MALARIA	
				Primary including unsp. cases		Post In- fectious	Serum	Infectious		1970	Cum. 1970
				1970	1969			1970	1970		
UNITED STATES.....	177	6	6	41	24	6	174	1,188	1,025	89	2,902
NEW ENGLAND.....	6	1	-	2	1	-	10	118	97	2	80
Maine.....	1	-	-	-	-	-	-	35	24	1	10
New Hampshire.....	-	-	-	-	1	-	-	-	3	-	6
Vermont.....	-	-	-	-	-	-	5	11	9	-	5
Massachusetts.....	2	1	-	1	-	-	3	30	36	1	38
Rhode Island.....	2	-	-	1	-	-	-	17	7	-	9
Connecticut.....	1	-	-	-	-	-	2	25	18	-	12
MIDDLE ATLANTIC.....	16	-	-	5	1	1	56	208	185	11	293
New York City.....	9	-	-	-	1	-	14	43	63	2	40
New York, Up-State...	2	-	-	-	-	-	4	34	26	-	84
New Jersey.....	-	-	-	-	-	-	20	58	43	2	75
Pennsylvania.....	5	-	-	5	-	1	18	73	53	7	94
EAST NORTH CENTRAL.....	20	1	-	6	2	-	15	153	188	7	173
Ohio.....	3	-	-	2	2	-	1	27	45	-	28
Indiana.....	1	-	-	1	-	-	-	11	18	-	19
Illinois.....	5	1	-	-	-	-	4	36	42	1	46
Michigan.....	9	-	-	2	-	-	10	69	75	6	80
Wisconsin.....	2	-	-	1	-	-	-	10	8	-	-
WEST NORTH CENTRAL.....	3	1	-	7	7	1	1	25	20	5	281
Minnesota.....	-	-	-	1	2	-	-	1	4	-	22
Iowa.....	-	1	-	-	5	-	-	3	3	1	25
Missouri.....	-	-	-	-	-	-	-	13	7	1	27
North Dakota.....	-	-	-	-	-	-	-	-	1	-	3
South Dakota.....	-	-	-	-	-	-	-	1	-	-	2
Nebraska.....	-	-	-	-	-	-	-	1	2	-	6
Kansas.....	3	-	-	6	-	1	1	6	3	3	196
SOUTH ATLANTIC.....	19	2	-	5	3	1	18	102	94	7	541
Delaware.....	-	-	-	1	-	-	-	2	-	-	2
Maryland.....	2	-	-	-	-	-	3	10	9	-	70
Dist. of Columbia....	-	-	-	-	-	-	-	6	2	-	2
Virginia.....	8	-	-	2	-	-	2	24	7	2	72
West Virginia.....	2	-	-	-	1	-	1	2	8	-	11
North Carolina.....	2	-	-	-	1	-	6	16	23	1	205
South Carolina.....	1	-	-	-	-	-	-	4	6	-	49
Georgia.....	1	2	-	-	-	-	-	5	15	4	81
Florida.....	3	-	-	2	1	1	6	33	24	-	49
EAST SOUTH CENTRAL.....	7	1	1	1	2	-	4	74	73	-	177
Kentucky.....	1	-	-	-	1	-	-	30	37	-	143
Tennessee.....	2	1	-	1	1	-	2	31	19	-	-
Alabama.....	2	-	1	-	-	-	2	10	6	-	23
Mississippi.....	2	-	-	-	-	-	-	3	11	-	11
WEST SOUTH CENTRAL.....	8	-	5	-	3	-	7	97	116	39	535
Arkansas.....	-	-	-	-	2	-	-	1	11	1	14
Louisiana.....	5	-	2	-	-	-	3	21	43	-	37
Oklahoma.....	-	-	-	-	1	-	-	14	10	1	88
Texas.....	3	-	3	-	-	-	4	61	52	37	396
MOUNTAIN.....	1	-	-	-	2	-	-	83	40	2	276
Montana.....	-	-	-	-	-	-	-	20	3	-	10
Idaho.....	-	-	-	-	-	-	-	-	1	-	6
Wyoming.....	-	-	-	-	-	-	-	2	2	-	-
Colorado.....	-	-	-	-	1	-	-	37	9	-	236
New Mexico.....	1	-	-	-	1	-	-	5	8	1	10
Arizona.....	-	-	-	-	-	-	-	7	12	-	10
Utah.....	-	-	-	-	-	-	-	12	4	1	4
Nevada.....	-	-	-	-	-	-	-	-	1	-	-
PACIFIC.....	97	-	-	15	3	3	63	328	212	16	546
Washington.....	2	-	-	1	-	1	-	65	18	-	45
Oregon.....	-	-	-	-	-	-	3	12	12	1	18
California.....	93	-	-	14	3	2	60	251	178	15	352
Alaska.....	2	-	-	-	-	-	-	-	-	-	1
Hawaii.....	-	-	-	-	-	-	-	-	4	-	130
Puerto Rico.....	-	-	-	-	-	-	-	-	19	-	10
Virgin Islands.....	-	-	-	-	-	-	-	-	-	-	-

*Delayed reports: Aseptic meningitis: Va. 4
 Brucellosis: Va. 2
 Encephalitis, primary: Va. 2, Ala. 1
 Hepatitis, serum: Va. 4

Hepatitis, infectious: N.H. 3, N.J. delete 2. Va. 26,
 Ala. 2, P.R. 12
 Malaria: Iowa 1

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 7, 1970 AND NOVEMBER 1, 1969 (44th WEEK) - CONTINUED

AREA	RUBELLA		TETANUS		TULAREMIA		TYPHOID FEVER		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970	1970	Cum. 1970
UNITED STATES.....	431	51,850	5	109	5	134	9	295	4	329	44	2,580
NEW ENGLAND.....	16	2,613	-	4	-	1	1	10	-	-	2	98
Maine.....	3	455	-	-	-	-	-	-	-	-	1	39
New Hampshire.....	1	153	-	-	-	-	-	-	-	-	-	1
Vermont.....	-	59	-	-	-	-	-	-	-	-	-	49
Massachusetts.....	8	1,238	-	2	-	1	1	8	-	-	-	4
Rhode Island.....	-	118	-	-	-	-	-	-	-	-	-	1
Connecticut.....	4	590	-	2	-	-	-	2	-	-	-	4
MIDDLE ATLANTIC.....	13	4,093	-	10	-	2	-	59	-	14	5	225
New York City.....	3	638	-	3	-	-	-	20	-	-	-	-
New York, Up-State..	1	457	-	3	-	1	-	19	-	6	5	209
New Jersey.....	3	869	-	3	-	-	-	10	-	4	-	-
Pennsylvania.....	6	2,129	-	1	-	1	-	10	-	4	-	16
EAST NORTH CENTRAL....	80	10,761	1	21	-	20	1	39	1	10	4	209
Ohio.....	9	2,084	-	2	-	2	1	14	1	9	-	51
Indiana.....	20	1,962	-	8	-	14	-	3	-	-	1	23
Illinois.....	11	1,740	-	4	-	2	-	8	-	1	-	59
Michigan.....	17	2,801	1	7	-	-	-	12	-	-	1	24
Wisconsin.....	23	2,174	-	-	-	2	-	2	-	-	2	52
WEST NORTH CENTRAL....	22	3,365	-	4	1	30	-	9	-	4	8	526
Minnesota.....	-	122	-	1	-	1	-	1	-	-	-	104
Iowa.....	7	2,030	-	1	-	-	-	1	-	1	3	106
Missouri.....	12	440	-	1	1	26	-	3	-	3	2	97
North Dakota.....	-	154	-	-	-	1	-	2	-	-	-	39
South Dakota.....	-	1	-	1	-	1	-	-	-	-	-	85
Nebraska.....	3	569	-	-	-	-	-	2	-	-	-	6
Kansas.....	-	49	-	-	-	1	-	-	-	-	3	89
SOUTH ATLANTIC.....	95	6,514	1	27	-	14	3	42	3	220	10	515
Delaware.....	-	46	-	-	-	-	-	-	-	5	-	-
Maryland.....	2	324	-	-	-	-	2	11	1	22	-	3
Dist. of Columbia.*	1	22	-	1	-	-	-	1	-	-	-	-
Virginia.....	13	733	-	1	-	6	-	8	2	59	4	205
West Virginia.....	3	1,376	-	-	-	-	-	-	-	5	-	131
North Carolina.....	-	43	-	3	-	4	-	3	-	86	1	3
South Carolina.....	-	653	-	1	-	-	1	1	-	35	-	-
Georgia.....	-	-	-	6	-	3	-	8	-	8	-	97
Florida.....	76	3,317	1	15	-	1	-	10	-	-	5	76
EAST SOUTH CENTRAL....	47	2,815	1	14	2	10	1	37	-	38	5	203
Kentucky.....	10	958	-	1	-	2	1	10	-	3	1	110
Tennessee.....	21	1,434	1	5	2	8	-	17	-	22	2	55
Alabama.....	16	330	-	6	-	-	-	8	-	10	-	35
Mississippi.....	-	93	-	2	-	-	-	2	-	3	2	3
WEST SOUTH CENTRAL....	67	9,000	-	15	-	35	-	32	-	36	6	417
Arkansas.....	-	35	-	3	-	18	-	8	-	6	-	70
Louisiana.....	4	154	-	4	-	5	-	10	-	1	1	64
Oklahoma.....	7	820	-	-	-	6	-	1	-	23	2	85
Texas.....	56	7,991	-	8	-	6	-	13	-	6	3	198
MOUNTAIN.....	11	2,058	-	-	2	14	1	16	-	6	-	81
Montana.....	3	324	-	-	2	3	-	1	-	1	-	1
Idaho.....	2	199	-	-	-	-	-	-	-	2	-	-
Wyoming.....	-	134	-	-	-	-	-	2	-	1	-	3
Colorado.....	3	414	-	-	-	-	1	4	-	2	-	34
New Mexico.....	2	223	-	-	-	-	-	6	-	-	-	15
Arizona.....	1	601	-	-	-	-	-	2	-	-	-	13
Utah.....	-	163	-	-	-	11	-	1	-	-	-	2
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	13
PACIFIC.....	80	10,631	2	14	-	8	2	51	-	1	4	306
Washington.....	24	4,778	-	2	-	2	-	4	-	-	-	9
Oregon.....	7	917	-	3	-	2	-	1	-	-	-	4
California.....	49	4,616	2	9	-	4	2	43	-	1	4	284
Alaska.....	-	106	-	-	-	-	-	2	-	-	-	-
Hawaii.....	-	214	-	-	-	-	-	1	-	-	-	-
Puerto Rico.....	-	27	-	12	-	-	-	3	-	-	-	42
Virgin Islands.....	-	1	-	-	-	-	-	1	-	-	-	-

* Delayed reports: Rubella: Me. 7, D.C. 1

RMSF: Okla. 1

Rabies in animals: Va. 2, Utah delete 1

Week No. 44 TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED NOVEMBER 7, 1970

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	752	482	59	44	SOUTH ATLANTIC:	1,056	582	42	47
Boston, Mass.-----	241	137	24	20	Atlanta, Ga.-----	132	64	3	11
Bridgeport, Conn.-----	44	32	7	—	Baltimore, Md.-----	200	104	4	12
Cambridge, Mass.-----	26	19	3	1	Charlotte, N. C.-----	43	26	—	3
Fall River, Mass.-----	24	14	1	3	Jacksonville, Fla.-----	59	35	1	—
Hartford, Conn.-----	57	31	1	4	Miami, Fla.-----	76	43	1	2
Lowell, Mass.-----	30	19	1	1	Norfolk, Va.-----	45	25	5	1
Lynn, Mass.-----	21	18	—	—	Richmond, Va.-----	87	50	5	2
New Bedford, Mass.-----	28	20	1	1	Savannah, Ga.-----	35	17	2	1
New Haven, Conn.-----	61	38	1	4	St. Petersburg, Fla.-----	84	66	4	—
Providence, R. I.-----	69	42	7	4	Tampa, Fla.-----	81	54	10	6
Somerville, Mass.-----	14	9	1	—	Washington, D. C.-----	177	79	7	7
Springfield, Mass.-----	42	29	5	3	Wilmington, Del.-----	37	19	—	2
Waterbury, Conn.-----	26	20	—	—					
Worcester, Mass.-----	69	54	7	3	EAST SOUTH CENTRAL:	665	369	20	37
MIDDLE ATLANTIC:	3,259	1,933	146	147	Birmingham, Ala.-----	98	55	—	5
Albany, N. Y.-----	60	34	5	4	Chattanooga, Tenn.-----	50	26	4	5
Allentown, Pa.-----	41	24	9	2	Knoxville, Tenn.-----	37	28	—	—
Buffalo, N. Y.-----	150	97	3	5	Louisville, Ky.-----	131	78	7	3
Camden, N. J.-----	41	26	5	2	Memphis, Tenn.-----	174	87	2	14
Elizabeth, N. J.-----	48	25	4	3	Mobile, Ala.-----	56	37	—	2
Erie, Pa.-----	38	25	2	1	Montgomery, Ala.-----	44	22	3	4
Jersey City, N. J.-----	81	46	7	8	Nashville, Tenn.-----	75	36	4	4
Newark, N. J.-----	76	32	4	8					
New York City, N. Y.-----	1,729	995	72	73	WEST SOUTH CENTRAL:	1,294	682	39	75
Paterson, N. J.-----	48	27	1	5	Austin, Tex.-----	27	16	1	—
Philadelphia, Pa.-----	335	198	4	16	Baton Rouge, La.-----	44	29	2	1
Pittsburgh, Pa.-----	181	99	12	4	Corpus Christi, Tex.-----	65	36	1	2
Reading, Pa.-----	67	45	—	2	Dallas, Tex.-----	178	86	3	8
Rochester, N. Y.-----	149	98	5	8	El Paso, Tex.-----	43	20	2	5
Schenectady, N. Y.-----	18	16	1	—	Fort Worth, Tex.-----	100	63	5	9
Scranton, Pa.-----	32	23	1	2	Houston, Tex.-----	235	102	6	15
Syracuse, N. Y.-----	86	62	1	2	Little Rock, Ark.-----	62	35	1	3
Trenton, N. J.-----	24	20	2	—	New Orleans, La.-----	166	77	5	11
Utica, N. Y.-----	21	17	5	1	Oklahoma City, Okla.-----	129	74	2	3
Yonkers, N. Y.-----	34	24	3	1	San Antonio, Tex.-----	140	77	6	15
					Shreveport, La.-----	55	32	1	3
					Tulsa, Okla.-----	50	35	4	—
EAST NORTH CENTRAL:	2,594	1,432	82	126	MOUNTAIN:	441	280	12	19
Akron, Ohio-----	75	45	—	10	Albuquerque, N. Mex.-----	47	28	4	1
Canton, Ohio-----	36	19	1	2	Colorado Springs, Colo.-----	21	13	3	4
Chicago, Ill.-----	747	380	22	43	Denver, Colo.-----	103	60	2	2
Cincinnati, Ohio-----	161	99	3	6	Ogden, Utah-----	21	13	—	—
Cleveland, Ohio-----	228	109	5	15	Phoenix, Ariz.-----	129	80	—	8
Columbus, Ohio-----	142	79	4	3	Pueblo, Colo.-----	20	12	—	—
Dayton, Ohio-----	91	52	2	4	Salt Lake City, Utah-----	53	36	2	3
Detroit, Mich.-----	318	159	13	14	Tucson, Ariz.-----	47	38	1	1
Evansville, Ind.-----	23	17	3	—					
Flint, Mich.-----	53	25	1	3	PACIFIC:	1,451	868	38	56
Fort Wayne, Ind.-----	36	21	4	3	Berkeley, Calif.-----	22	16	—	—
Gary, Ind.-----	25	10	1	1	Fresno, Calif.-----	47	30	2	3
Grand Rapids, Mich.-----	70	52	4	2	Glendale, Calif.-----	21	18	2	—
Indianapolis, Ind.-----	155	86	—	7	Honolulu, Hawaii-----	42	16	1	4
Madison, Wis.-----	30	12	3	2	Long Beach, Calif.-----	87	60	3	1
Milwaukee, Wis.-----	124	82	2	1	Los Angeles, Calif.-----	385	231	12	16
Peoria, Ill.-----	43	24	1	5	Oakland, Calif.-----	64	40	—	3
Rockford, Ill.-----	32	22	3	—	Pasadena, Calif.-----	49	31	1	1
South Bend, Ind.-----	42	24	4	3	Portland, Oreg.-----	130	79	3	6
Toledo, Ohio-----	102	65	4	3	Sacramento, Calif.-----	66	38	1	2
Youngstown, Ohio-----	61	50	2	—	San Diego, Calif.-----	91	44	—	7
					San Francisco, Calif.-----	178	111	3	5
WEST NORTH CENTRAL:	813	480	19	43	San Jose, Calif.-----	40	19	2	1
Des Moines, Iowa-----	60	39	1	3	Seattle, Wash.-----	136	75	6	3
Duluth, Minn.-----	29	23	2	3	Spokane, Wash.-----	53	34	1	3
Kansas City, Kans.-----	33	15	1	2	Tacoma, Wash.-----	40	26	1	1
Kansas City, Mo.-----	122	68	2	3					
Lincoln, Nebr.-----	26	19	—	1	Total	12,325	7,108	457	594
Minneapolis, Minn.-----	107	62	1	10	Expected Number	12,626	7,243	437	546
Omaha, Nebr.-----	73	41	—	4	Cumulative Total				
St. Louis, Mo.-----	222	123	5	7	(includes reported corrections	564,075	321,565	21,884	26,924
St. Paul, Minn.-----	66	43	—	7	for previous weeks)				
Wichita, Kans.-----	75	47	7	6					
Las Vegas, Nev.*	19	12	—	1					

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

† Delayed Report for week ended October 31, 1970

INTERNATIONAL NOTES QUARANTINE MEASURES

*Changes in the "Supplement - Vaccination Certificate
Requirements for International Travel,"
MMWR, Vol. 19, No. 21*

The following changes should be made in the Vaccination Certificate Requirements for International Travel:

Austria

Insert: Cholera. - II

Cameroon

Insert: Cholera. - And Jordan, Liberia, Sierra Leone, and Syria and all countries any parts of which are infected.

Czechoslovakia

Insert: Cholera. - And from Liberia, Sierra Leone, and Tunisia.

Greece

Insert: Cholera. - And from Turkey.

Hungary

Insert: Cholera. - And from Liberia, Sierra Leone, and Tunisia.

Poland

Insert: Cholera. - And from Sierra Leone and Tunisia.

Switzerland

Insert: Cholera. - And all countries any parts of which are infected.

Yugoslavia

Insert: Cholera. - And from Liberia, Sierra Leone, Tunisia, Turkey, and all countries any parts of which are infected.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 21,000 IS PUBLISHED AT THE CENTER FOR DISEASE CONTROL, ATLANTA, GEORGIA.

DIRECTOR, CENTER FOR DISEASE CONTROL DAVID J. SENCER, M.D.
DIRECTOR, EPIDEMIOLOGY PROGRAM PHILIP S. BRACHMAN, M.D.

EDITOR

MICHAEL B. GREGG, M.D.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE CENTER FOR DISEASE CONTROL WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CENTER FOR DISEASE CONTROL. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

CENTER FOR DISEASE CONTROL
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES AT CLOSE OF BUSINESS ON FRIDAY; COMPILED DATA ON A NATIONAL BASIS ARE OFFICIALLY RELEASED TO THE PUBLIC ON THE SUCCEEDING FRIDAY.

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