Morbidity and Mortality Weekly Report

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 19, 1959

NOTICE: Beginning with the first week of 1960, the week ended January 9, the disease categories "aseptic meningitis" and "streptococcal sore throat, including scarlet fever" should be added to the list of diseases reported to the Public Health Service, and the category "meningitis, other" should be deleted from the list. The Manual of Procedures for National Morbidity Reporting is being revised. It will be distributed when the revision is completed.

A total of 699 cases of hepatitis was reported for the current week; 88 of these were reported in North Dakota. Ten cases of diphtheria were reported in Georgia and Oklahoma. Prior to this week, 9 cases only had been reported in Oklahoma this year. The number of cases of paralytic poliomyelitis continues to exceed the figure for the comparable week in 1958—71 cases this week compared to 42 for the same week last year. The 15 cases reported in Illinois include a number of delayed reports.

The cumulative total number of cases of encephalitis for Florida for the current week includes delayed reports of 36 cases in Pinellas County. The etiology of these cases is still under investigation.

EPIDEMIOLOGICAL REPORTS

Infectious hepatitis

Dr. Robert M. Albrecht, New York State Department of Health, supplied information on an outbreak of hepatitis in Orange County during November. Two or 3 cases were reported in the city of Middletown for each month since January, but 45

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Table I. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	50th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 50 weeks			Since seasonal low week			
	Ended Dec. 19, 1959[1]	Ended Dec. 20, 1958[1]	Median 1954-58	1959[1]	1958[1]	Median 1954-58	1958-59[1]	1957-58	Median 1953-54 to 1957-58	
Anthrax-062	-	-	-	12	15	20	(2)	(2)	(2)	(2)
Botulism-049.1	-	-	-	22	4	11	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-044	26	7	12	713	775	1,062	(2)	(2)	(2)	(2)
Diphtheria-055	49	30	46	903	868	1,504	515	546	722	July 1
Encephalitis, infectious-082	27	22	22	2,154	2,287	1,863	1,573	1,693	1,307	June 1
Hepatitis, infectious, and serum-092, N998.5 pt.	699	358	358	22,301	14,864	18,315	7,523	4,783	4,804	Sept. 1
Malaria-110-117	1	-	2	70	73	232	(2)	(2)	(2)	(2)
Measles-085	4,318	5,053	4,293	393,167	745,916	591,549	30,882	41,172	32,699	Sept. 1
Meningococcal infections-057	46	43	49	2,153	2,491	2,548	589	771	833	Sept. 1
Meningitis, other-340	115	65	---	5,496	4,283	---	---	---	---	---
Poliomyelitis-080	96	74	74	8,462	5,902	15,225	8,194	5,715	14,246	Apr. 1
Paralytic-080.0,080.1	71	42	42	5,611	3,032	6,598	5,424	2,929	6,067	Apr. 1
Nonparalytic-080.2	21	21	21	2,163	1,994	5,840	2,118	1,935	5,578	Apr. 1
Unspecified-080.3	4	11	22	688	876	2,787	652	851	2,601	Apr. 1
Psittacosis-096.2	8	1	6	120	138	266	(2)	(2)	(2)	(2)
Rabies in man-094	-	1	1	4	6	6	(2)	(2)	(2)	(2)
Typhoid fever-040	15	19	19	848	1,039	1,676	724	873	1,386	Apr. 1
Typhus fever, endemic-101	2	-	-	47	70	113	41	59	89	Apr. 1
Rabies in animals	79	78	78	3,769	4,358	4,525	910	771	873	Oct. 1

[1]Data exclude report from Florida for the current week and for the comparable week in 1958.
[2]Data show no pronounced seasonal change in incidence.
[3]Includes 22 cases of aseptic meningitis; see footnotes to table 2.

EPIDEMIOLOGICAL REPORTS—Continued

cases had onset during November. Only 8 cases have been reported with onset in December. The age distribution of the cases in Middletown is as follows: 43 percent under 20 years, 36 percent from 20 to 39 years, and 21 percent 40 years of age and over. The age distribution of reported cases in all of Upstate New York in 1958 was 56 percent under 20 years, 31 percent from 20 to 39 years, and 13 percent over 39 years of age. Dr. John Degen, Middletown District Health Officer, is investigating the outbreak. He has found no evidence of a common source of infection. The city's water supply has been of satisfactory quality. It was reported also that the incidence of the disease has begun to increase in townships surrounding Middletown.

Animal rabies

Dr. Malcolm H. Merrill, California Director of Public Health, reported the occurrence of an outbreak of animal rabies in Imperial County. So far, 16 cases in dogs and 1 in a bovine have been confirmed. About 40 persons are undergoing antirabies treatment in Imperial County. It was reported that Baja California is also involved in the outbreak.

Contagious ovine ecthyma (soremouth)

Dr. Monroe A. Holmes, Oregon State Board of Health, reported that a veterinary practitioner became infected while vaccinating a flock of about 2,400 sheep in which "soremouth" had been clinically diagnosed. Eight lesions, one-half to three-quarters of an inch in size, developed on the man's hands and forearms within 3 days after the sheep were vaccinated. The lesions were circular, elevated, ulcerative, very painful, and invaded the deep layers of the derma. They lasted about 3 weeks. Laboratory samples were not obtained for diagnosis. The veterinarian felt, however, that in activating the lyophilized live vaccine, an aerosol was developed which came in contact with his hands and forearms. The laboratory which produced the vaccine reported that there had been instances of contact with this agent in the laboratory.

Staphylococcal food poisoning

Information has been received from Dr. I. F. Gratch, Pennsylvania Department of Health, that the phage type of Staphylococcus aureus isolated from samples of ham related to an outbreak of food poisoning, reported for the week ended December 5, has been determined. The organism belongs to the phage type 53/54/83. The outbreak followed a church dinner attended by about 300 persons, 36 of whom became ill.

Gastroenteritis

Howard R. Pyle, Cabell-Huntington (West Virginia) Health Department, reported an outbreak of gastroenteritis in which at least 11 of more than 100 persons attending a church dinner became ill. Three persons were hospitalized. The incubation period ranged from 14 to 42 hours. The turkey and dressing served at the dinner was furnished by one restaurant and the mashed potatoes by another. It was reported that the latter restaurant does not observe the best sanitation practices. The health department was first notified of the outbreak more than a week after the dinner by a physician of a hospitalized patient. No food samples were available. The turkeys were a frozen commercial brand. Oleomargarine was used in the mashed potatoes.

Mr. Pyle also reported that 2 persons in a family became ill with food poisoning symptoms after eating French fried potatoes and bread. The public health nurse who knows the family reported that the family gets much of its food wherever it can, including food from garbage trucks.

Dr. Jean Schultz, Westchester County (New York) Health Department, reported that 45 persons out of a group of 111 became ill from 10 to 12 hours after eating a turkey dinner. Leftover turkey showed no growth of organisms in the laboratory, but the food histories pointed to the turkey as the vehicle of infection. It was handled properly, except that the machine used for slicing it was found to be dirty, and leftover bits of meat were seen on it. The foodhandlers had no illnesses nor skin lesions.

Dr. R. T. Ravenholt and Mary L. Johnson, Seattle-King County (Washington) Health Department, supplied 3 reports of food poisoning. Two of the reports stated that a total of 5 persons became ill after eating hamburgers and French fried potatoes in a drive-in on 2 separate days. It was stated in one of these reports that the French fries were covered with white film and that they smelled old. The other report related that 4 persons became ill from 6 to 12 hours following a turkey dinner in a private home. The turkey, creamed onions, lima beans, mashed potatoes, and candied yams were prepared by one person in the home. Frozen pumpkin pie was purchased and then baked in the home. The cook had cleaned her stove with a degreasing agent which left a strong odor. A vaporizer had been operating during the night.

Three reports of gastroenteritis of undetermined origin were received from the California State Department of Public Health. Two of the reports concerned food that was eaten in restaurants. In one of these instances, 8 persons out of a group of 42 became ill. The suspect food was chicken gravy, but none of the gravy was available for laboratory study. The sanitation of the restaurant kitchen appeared to be good. It was reported that the 8 persons who became ill were of a group of 15 sitting at one table. In the other of these 2 reports, it was stated that 7 persons in 2 groups, one eating at noon and the other in the evening, became ill. The groups did not eat the same foods. Samples of various foods were examined but not one was positive for pathogenic bacteria. It was thought this might not have been food poisoning. The third report stated that 5 persons became ill from 10 to 17 hours after eating "burritos." These consist of a flour tortilla with a bean filling and sauce prepared from cooked beef and green or red chile. None were available for examination. The symptoms listed in the 3 reports included vomiting, diarrhea, nausea, and cramps.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384 (1959)

Changes Reported

Africa.—Ghana (p. 23). Delete all previous information. Smallpox vaccination is required of all persons leaving the country. The requirement does not apply to children under 3 months of age who have not been in an infected area during the 14 days preceding arrival or departure.

Yellow fever vaccination is required of all persons leaving the country, except children under 1 year of age not proceeding to a receptive area.

Cholera vaccination is required of all arrivals from infected areas, 1 year of age and over.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 20, 1958, AND DECEMBER 19, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
			50th week		Cumulative first 50 weeks				50th week		Cumulative first 50 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES[1]	26	7	49	30	903	868	27	22	699	358	22,301	14,864
NEW ENGLAND	-	-	-	1	5	9	-	-	25	6	744	590
Maine	-	-	-	-	-	-	-	-	1	1	91	77
New Hampshire	-	-	-	-	-	-	-	-	-	-	15	2
Vermont	-	-	-	-	-	-	-	-	-	1	27	33
Massachusetts	-	-	-	1	5	8	-	-	16	2	389	291
Rhode Island	-	-	-	-	-	-	-	-	3	2	75	70
Connecticut	-	-	-	-	-	1	-	-	5	-	147	117
MIDDLE ATLANTIC	3	-	2	-	51	37	6	6	84	56	3,287	2,085
New York	1	-	-	-	25	17	1	5	48	42	1,976	1,408
New Jersey	1	-	-	-	10	4	-	-	2	4	324	167
Pennsylvania	1	-	2	-	16	16	5	1	34	10	987	510
EAST NORTH CENTRAL	3	1	-	3	32	45	4	7	115	88	3,426	2,550
Ohio	-	-	-	-	11	11	1	1	35	16	998	802
Indiana	-	-	-	-	5	15	-	5	11	23	329	244
Illinois	2	1	-	3	10	12	2	-	16	26	771	619
Michigan	-	-	-	-	4	6	1	1	36	23	1,100	658
Wisconsin	1	-	-	-	2	1	-	-	17	-	228	227
WEST NORTH CENTRAL	15	4	5	1	68	135	1	3	128	30	1,774	1,221
Minnesota	-	-	1	1	23	71	-	-	1	3	405	186
Iowa	10	4	-	-	3	14	1	3	20	-	163	199
Missouri	-	-	-	-	8	14	-	-	7	7	426	245
North Dakota	-	-	-	-	2	4	-	-	88	5	451	235
South Dakota	-	-	1	-	4	18	-	-	1	-	75	17
Nebraska	1	-	-	-	20	12	-	-	4	5	85	89
Kansas	4	-	3	-	8	2	-	-	7	10	169	250
SOUTH ATLANTIC[1]	1	-	12	4	285	278	1	-	43	25	1,981	1,163
Delaware	-	-	-	-	-	3	-	-	2	3	136	60
Maryland	-	-	-	-	8	2	1	-	6	11	394	176
District of Columbia	-	-	-	-	-	27	-	-	1	-	20	20
Virginia	-	-	-	-	14	17	-	-	7	7	491	279
West Virginia	-	-	-	-	3	25	-	-	6	3	312	159
North Carolina	-	-	1	1	25	35	-	-	6	1	124	64
South Carolina	-	-	1	2	31	75	-	-	3	-	54	42
Georgia	1	-	10	1	119	73	-	-	12	-	140	133
Florida	---	---	---	---	[1]85	[1]21	---	---	---	---	[1]310	[1]230
EAST SOUTH CENTRAL	1	-	5	7	117	102	3	1	78	15	2,331	1,209
Kentucky	-	-	-	-	9	5	2	-	53	10	1,213	593
Tennessee	-	-	-	-	10	11	-	1	12	4	497	311
Alabama	-	-	4	6	53	53	-	-	11	1	470	220
Mississippi	1	-	1	1	45	33	1	-	2	-	151	85
WEST SOUTH CENTRAL	2	2	24	14	309	201	5	1	39	15	1,761	1,109
Arkansas	2	1	1	4	39	44	2	-	-	2	81	104
Louisiana	-	-	8	5	96	73	-	-	2	-	117	12
Oklahoma	-	-	10	-	19	22	2	-	17	4	274	154
Texas	-	1	5	5	155	62	1	1	20	9	1,289	839
MOUNTAIN	1	-	-	-	20	48	-	1	84	58	2,894	2,067
Montana	-	-	-	-	-	8	-	-	10	16	273	419
Idaho	-	-	-	-	-	1	-	-	11	7	365	208
Wyoming	-	-	-	-	-	2	-	-	-	-	60	21
Colorado	1	-	-	-	8	12	-	-	7	10	830	312
New Mexico	-	-	-	-	8	22	-	-	15	16	536	350
Arizona	-	-	-	-	2	3	-	-	28	7	580	477
Utah	-	-	-	-	-	-	-	-	12	1	224	177
Nevada	-	-	-	-	2	-	-	1	1	1	26	103
PACIFIC	-	-	1	-	16	13	7	3	103	65	4,103	2,870
Alaska	-	-	-	-	5	-	-	-	2	-	73	74
Washington	-	-	-	-	-	-	-	-	6	10	545	446
Oregon	-	-	1	-	5	8	-	-	23	10	877	442
California	-	-	-	-	6	5	7	3	72	45	2,608	1,982
Hawaii	-	-	-	-	2	-	-	-	4	-	51	64
Puerto Rico	-	-	-	-	45	51	-	-	8	1	374	174

[1]Data exclude report from Florida for the current week and for the comparable week in 1958.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 20, 1958, AND DECEMBER 19, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES 085	
	Total[2]				Paralytic 080.0,080.1				Nonparalytic 080.2			
	50th week		Cumulative first 50 weeks		50th week		Cumulative first 50 weeks					
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES[1]	96	74	8,462	5,902	71	42	5,611	3,032	21	21	4,318	5,053
NEW ENGLAND	6	1	393	91	6	-	302	55	-	1	231	395
Maine	4	-	89	4	4	-	89	4	-	-	10	13
New Hampshire	-	-	5	4	-	-	4	-	-	-	-	-
Vermont	1	-	11	6	1	-	9	5	-	-	5	101
Massachusetts	-	-	156	30	-	-	109	14	-	-	190	154
Rhode Island	-	-	10	3	-	-	7	3	-	-	-	1
Connecticut	1	1	122	44	1	-	84	29	-	1	26	126
MIDDLE ATLANTIC	16	9	835	705	12	7	555	387	3	2	344	1,246
New York	14	3	518	290	10	1	321	175	3	2	290	142
New Jersey	1	2	137	292	1	2	92	114	-	-	26	222
Pennsylvania	1	4	180	123	1	4	142	98	-	-	28	882
EAST NORTH CENTRAL	28	11	1,283	2,065	17	6	581	794	9	-	1,077	731
Ohio	6	6	279	399	2	2	123	114	2	-	180	265
Indiana	1	-	153	139	-	-	105	80	1	-	56	55
Illinois	21	-	334	239	15	-	177	88	6	-	438	128
Michigan	-	5	457	1,226	-	4	142	484	-	-	171	133
Wisconsin	-	-	60	62	-	-	34	28	-	-	232	150
WEST NORTH CENTRAL	2	9	1,544	412	1	4	847	221	-	2	146	585
Minnesota	-	-	247	32	-	-	201	25	-	-	64	8
Iowa	1	5	445	75	-	1	230	27	-	1	15	422
Missouri	1	4	505	183	1	3	275	136	-	1	2	16
North Dakota	-	-	16	43	-	-	9	24	-	-	65	138
South Dakota	-	-	13	14	-	-	-	1	-	-	-	-
Nebraska	-	-	136	34	-	-	69	4	-	-	-	1
Kansas	-	-	182	31	-	-	63	4	-	-	(*)	(*)
SOUTH ATLANTIC[1]	8	8	1,285	852	6	6	1,017	484	2	2	145	385
Delaware	-	-	9	29	-	-	7	18	-	-	7	3
Maryland	-	-	44	27	-	-	41	22	-	-	21	19
District of Columbia	-	3	6	9	-	3	5	7	-	-	3	-
Virginia	1	1	287	156	-	1	247	129	1	-	74	188
West Virginia	2	3	195	210	2	1	163	133	-	2	15	133
North Carolina	4	-	289	98	3	-	243	38	1	-	11	40
South Carolina	-	1	90	34	-	1	48	22	-	-	6	-
Georgia	1	-	170	56	1	-	131	30	-	-	8	2
Florida	---	---	[1]195	[1]233	---	---	[1]132	[1]85	---	---	---	---
EAST SOUTH CENTRAL	9	14	876	392	8	7	667	200	1	4	655	339
Kentucky	1	1	113	78	1	1	87	63	-	-	409	201
Tennessee	4	6	389	132	4	2	294	58	-	3	232	103
Alabama	2	2	251	61	1	-	212	41	1	-	5	32
Mississippi	2	5	123	121	2	4	74	38	-	1	9	3
WEST SOUTH CENTRAL	6	15	1,136	780	3	8	745	523	3	7	672	325
Arkansas	2	-	304	31	-	-	230	29	2	-	-	19
Louisiana	1	-	145	79	1	-	103	54	-	-	-	-
Oklahoma	1	2	158	60	1	-	90	23	-	2	-	3
Texas	2	13	529	610	1	8	322	417	1	5	672	303
MOUNTAIN	1	-	201	204	1	-	113	94	-	-	541	461
Montana	-	-	13	68	-	-	5	42	-	-	63	144
Idaho	-	-	8	12	-	-	-	-	-	-	93	3
Wyoming	-	-	2	13	-	-	1	1	-	-	1	54
Colorado	-	-	26	20	-	-	18	15	-	-	15	128
New Mexico	-	-	44	39	-	-	27	16	-	-	230	21
Arizona	1	-	89	34	1	-	54	14	-	-	34	81
Utah	-	-	12	12	-	-	4	4	-	-	105	30
Nevada	-	-	7	6	-	-	4	2	-	-	-	-
PACIFIC	20	7	909	401	17	4	784	274	3	3	507	586
Alaska	1	-	29	2	1	-	15	1	-	-	26	32
Washington	2	-	211	38	2	-	211	3	-	-	188	136
Oregon	6	-	185	39	5	-	146	26	1	-	141	180
California	11	7	484	324	9	4	412	245	2	3	152	270
Hawaii	-	-	5	76	-	-	5	76	-	-	230	5
Puerto Rico	-	-	8	59	-	-	7	56	-	-	21	42

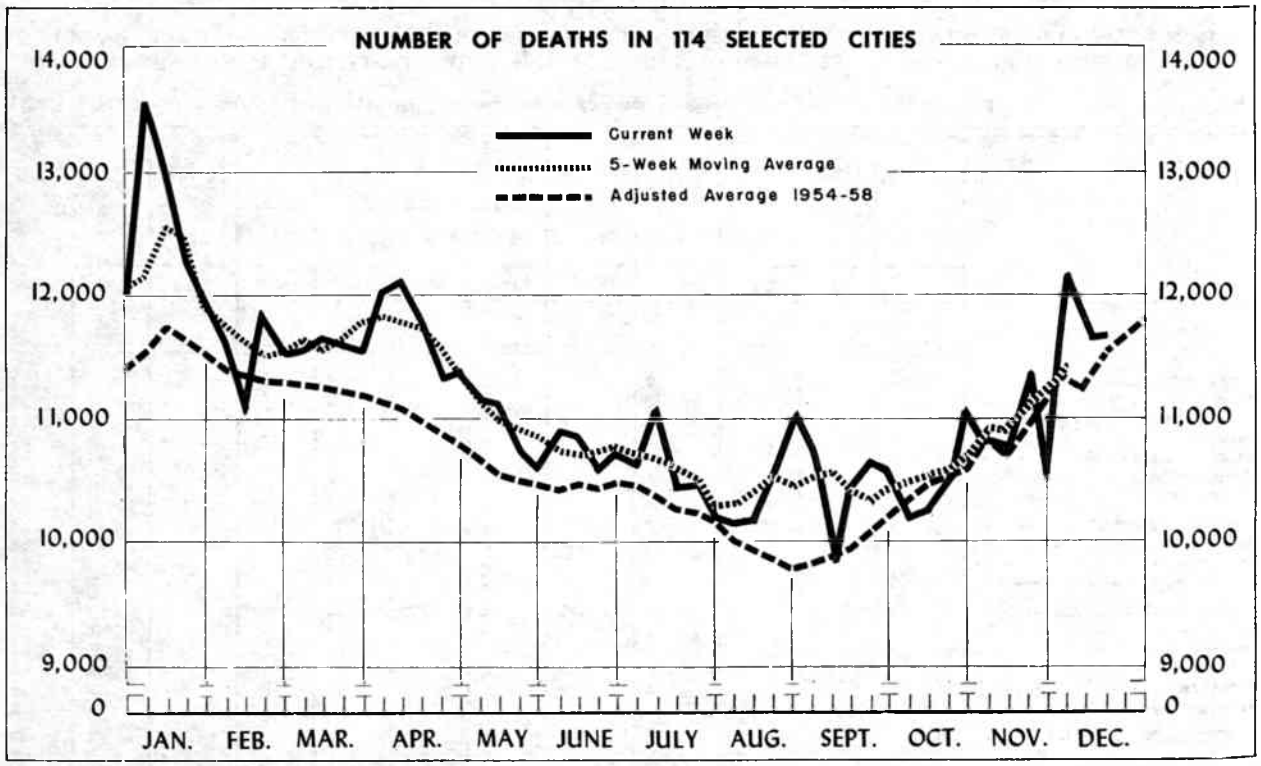
[1]Data exclude report from Florida for the current week and for the comparable week in 1958.
[2]Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 20, 1958, AND DECEMBER 19, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA 110-117	MENINGOCOCCAL INFECTIONS 057		MENINGITIS, OTHER 340	PSITTACOSIS 096.2	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
						50th week		Cumulative first 50 weeks				
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES[1]	1	46	43	115	8	15	19	848	1,039	2	79	78
NEW ENGLAND	-	4	2	9	1	1	-	16	20	-	-	-
Maine	-	1	-	[3]6	-	-	-	2	2	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	1	-	-	-
Vermont	-	2	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	1	1	2	-	1	-	6	9	-	-	-
Rhode Island	-	-	-	1	-	-	-	3	1	-	-	-
Connecticut	-	-	1	-	1	-	-	5	7	-	-	-
MIDDLE ATLANTIC	-	2	8	17	1	1	4	88	110	-	12	4
New York	-	1	6	[4]17	-	1	2	38	38	-	10	4
New Jersey	-	-	2	-	-	-	1	13	26	-	-	-
Pennsylvania	-	1	-	-	1	-	1	37	46	-	2	-
EAST NORTH CENTRAL	-	10	8	17	1	-	2	104	111	-	11	10
Ohio	-	3	3	1	-	-	-	52	40	-	8	-
Indiana	-	-	-	4	-	-	-	16	20	-	1	7
Illinois	-	5	3	[5]6	-	-	-	21	24	-	2	-
Michigan	-	2	1	4	-	-	2	9	17	-	-	2
Wisconsin	-	-	1	[6]2	1	-	-	6	10	-	-	1
WEST NORTH CENTRAL	-	1	2	7	2	4	1	53	76	-	11	26
Minnesota	-	1	1	2	1	2	-	4	3	-	5	9
Iowa	-	-	-	5	1	-	-	9	15	-	5	5
Missouri	-	-	1	-	-	1	-	19	36	-	1	4
North Dakota	-	-	-	-	-	-	-	5	2	-	-	-
South Dakota	-	-	-	-	-	-	-	3	7	-	-	7
Nebraska	-	-	-	-	-	-	1	5	3	-	-	1
Kansas	-	-	-	-	-	1	-	8	10	-	-	-
SOUTH ATLANTIC[1]	-	11	3	35	1	2	2	144	174	-	6	9
Delaware	-	-	-	1	-	-	-	3	5	-	-	-
Maryland	-	-	-	-	-	-	1	5	14	-	-	-
District of Columbia	-	-	-	9	-	-	-	4	6	-	-	-
Virginia	-	2	1	3	-	-	-	30	37	-	-	2
West Virginia	-	-	1	2	-	-	-	15	21	-	5	-
North Carolina	-	1	1	-	-	-	-	15	20	-	-	1
South Carolina	-	-	-	-	-	1	-	13	12	-	-	1
Georgia	-	8	-	[7]20	1	1	1	31	36	-	1	5
Florida	---	---	---	---	---	---	---	[1]28	[1]23	---	---	---
EAST SOUTH CENTRAL	-	6	5	14	-	5	5	127	133	-	8	9
Kentucky	-	3	1	2	-	3	2	30	41	-	2	5
Tennessee	-	2	2	8	-	1	2	59	38	-	6	1
Alabama	-	1	1	-	-	-	1	21	25	-	-	3
Mississippi	-	-	1	4	-	1	-	17	29	-	-	-
WEST SOUTH CENTRAL	-	5	4	6	-	2	1	182	228	1	28	20
Arkansas	-	-	-	-	-	-	-	37	31	-	16	5
Louisiana	-	3	2	-	-	1	-	31	80	-	-	1
Oklahoma	-	-	-	-	-	-	-	17	11	-	-	-
Texas	-	2	2	6	-	1	1	97	106	1	12	14
MOUNTAIN	-	1	4	1	-	-	-	46	78	-	2	-
Montana	-	-	-	-	-	-	-	2	4	-	-	-
Idaho	-	-	-	-	-	-	-	7	8	-	-	-
Wyoming	-	-	-	-	-	-	-	7	4	-	-	-
Colorado	-	-	-	1	-	-	-	4	9	-	1	-
New Mexico	-	-	-	-	-	-	-	19	32	-	1	-
Arizona	-	1	-	-	-	-	-	6	12	-	-	-
Utah	-	-	4	-	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	9	-	-	-
PACIFIC	1	6	7	9	22	-	4	88	109	1	1	-
Alaska	-	2	-	-	-	-	-	4	-	-	-	-
Washington	-	-	1	2	-	-	-	3	3	-	-	-
Oregon	-	-	-	2	-	-	-	7	13	-	-	-
California	1	4	6	[8]5	2	-	4	74	93	1	1	-
Hawaii	-	-	-	-	-	-	-	2	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	18	3	-	2	-

[1]Data exclude report from Florida for the current week and for the comparable week in 1958. [3]Includes 4 cases of aseptic meningitis. [4]Includes 2 cases of aseptic meningitis. [5]Includes 4 cases of aseptic meningitis. [6]Aseptic meningitis. [7]Includes 5 cases of aseptic meningitis.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	50th week ended Dec. 19, 1959	49th week ended Dec. 12, 1959	Adjusted average, 50th week 1954-58	Percent change, adjusted average to current week[1]	CUMULATIVE NUMBER FIRST 50 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES	[2]11,620	11,591	11,508	+1.0	[2]556,282	552,675	+0.7
New England (14 cities)	[2]772	693	753	+2.5	[2]35,171	34,972	+0.6
Middle Atlantic (20 cities)	[2]3,234	3,295	3,351	-3.5	[2]159,893	159,293	+0.4
East North Central (19 cities)	2,436	2,348	2,507	-2.8	119,065	117,940	+1.0
West North Central (9 cities)	795	771	810	-1.9	38,796	39,260	-1.2
South Atlantic (11 cities)	1,048	1,058	969	+8.2	48,009	47,457	+1.2
East South Central (8 cities)	567	557	506	+12.1	25,582	25,711	-0.5
West South Central (13 cities)	986	1,072	937	+5.2	47,094	47,024	+0.1
Mountain (8 cities)	327	311	282	+16.0	15,572	14,725	+5.8
Pacific (12 cities)	1,455	1,486	1,400	+3.9	67,100	66,293	+1.2

[1]Adjusted average used as base. [2]Includes estimates for missing cities.

Table 4. DEATHS IN SELECTED CITIES

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

AREA	50th week ended Dec. 19, 1959	49th week ended Dec. 12, 1959	CUMULATIVE NUMBER FIRST 50 WEEKS 1959	CUMULATIVE NUMBER FIRST 50 WEEKS 1958
NEW ENGLAND:				
Boston, Mass.	247	238	12,000	11,977
Bridgeport, Conn.	36	37	1,925	1,892
Cambridge, Mass.	34	29	1,437	1,440
Fall River, Mass.	23	29	1,401	1,358
Hartford, Conn.	60	42	2,447	2,495
Lowell, Mass.	21	30	1,184	1,238
Lynn, Mass.	[1]24	13	[2]1,141	1,121
New Bedford, Mass.	25	26	1,212	1,148
New Haven, Conn.	53	44	2,242	2,295
Providence, R. I.	87	64	3,218	3,244
Somerville, Mass.	21	16	657	705
Springfield, Mass.	47	42	2,200	2,091
Waterbury, Conn.	30	26	1,381	1,308
Worcester, Mass.	64	57	2,726	2,660
MIDDLE ATLANTIC:				
Albany, N. Y.	49	45	2,493	2,507
Allentown, Pa.	39	42	1,708	1,616
Buffalo, N. Y.	144	137	7,243	7,481
Camden, N. J.	45	46	2,047	2,060
Elizabeth, N. J.	22	16	1,477	1,438
Erie, Pa.	39	44	1,823	1,765
Jersey City, N. J.	67	78	3,605	3,481
Newark, N. J.	88	108	4,979	4,749
New York City, N. Y.	1,598	1,702	81,928	80,738
Paterson, N. J.	26	33	1,906	2,006
Philadelphia, Pa.	538	525	24,266	24,799
Pittsburgh, Pa.	207	153	9,192	9,399
Reading, Pa.	[1]25	29	[2]1,099	1,072
Rochester, N. Y.	103	85	4,845	5,027
Schenectady, N. Y.	28	29	1,241	1,135
Scranton, Pa.	36	45	1,819	1,745
Syracuse, N. Y.	70	67	3,128	3,125
Trenton, N. J.	49	55	2,137	2,277
Utica, N. Y.	26	31	1,406	1,360
Yonkers, N. Y.	35	25	1,551	1,513
EAST NORTH CENTRAL:				
Akron, Ohio	65	73	2,917	2,807
Canton, Ohio	37	36	1,674	1,554
Chicago, Ill.	754	753	37,696	37,573
Cincinnati, Ohio	136	147	7,827	8,008
Cleveland, Ohio	241	194	10,394	10,350
Columbus, Ohio	113	112	5,866	5,735
Dayton, Ohio	72	85	3,422	3,575
Detroit, Mich.	322	309	16,344	15,888
Evansville, Ind.	46	46	1,837	1,898
Flint, Mich.	34	42	1,996	1,885
Fort Wayne, Ind.	59	37	1,840	1,746
Gary, Ind.	32	21	1,470	1,570
Grand Rapids, Mich.	35	35	2,080	2,029
Indianapolis, Ind.	145	147	6,833	6,440
Madison, Wis.	(55)	(27)	(1,525)	(1,644)
Milwaukee, Wis.	137	119	6,411	6,488
Peoria, Ill.	36	26	1,472	1,587
Rockford, Ill.	(18)	(19)	(1,349)	(1,305)
South Bend, Ind.	29	21	1,374	1,333
Toledo, Ohio	88	94	4,945	4,859
Youngstown, Ohio	55	51	2,667	2,615
WEST NORTH CENTRAL:				
Des Moines, Iowa	54	47	2,651	2,724
Duluth, Minn.	23	30	1,276	1,274
Kansas City, Kans.	35	26	1,772	1,461
Kansas City, Mo.	127	117	6,003	6,047
Lincoln, Nebr.	(17)	(32)	(1,313)	(1,249)
Minneapolis, Minn.	122	126	6,099	6,297
Omaha, Nebr.	67	68	3,552	3,467
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	255	238	11,834	12,223
St. Paul, Minn.	69	65	3,258	3,508
Wichita, Kans.	43	54	2,351	2,259
SOUTH ATLANTIC:				
Atlanta, Ga.	139	116	5,590	5,480
Baltimore, Md.	232	252	12,057	12,113
Charlotte, N. C.	37	40	1,849	1,764
Jacksonville, Fla.	79	72	2,891	2,933
Miami, Fla.	73	94	3,496	3,457
Norfolk, Va.	47	40	1,957	1,745
Richmond, Va.	89	94	3,903	3,737
Savannah, Ga.	48	33	1,646	1,617
St. Petersburg, Fla.	(84)	(60)	(3,244)	(3,173)
Tampa, Fla.	62	79	3,078	3,116
Washington, D. C.	202	196	9,679	9,652
Wilmington, Del.	40	42	1,863	1,843
EAST SOUTH CENTRAL:				
Birmingham, Ala.	115	98	4,168	4,348
Chattanooga, Tenn.	41	61	2,296	2,356
Knoxville, Tenn.	30	20	1,409	1,335
Louisville, Ky.	108	113	5,612	5,438
Memphis, Tenn.	124	137	5,648	5,717
Mobile, Ala.	44	39	1,937	1,931
Montgomery, Ala.	26	34	1,626	1,661
Nashville, Tenn.	79	55	2,886	2,925
WEST SOUTH CENTRAL:				
Austin, Tex.	37	51	1,613	1,590
Baton Rouge, La.	27	56	1,383	1,375
Corpus Christi, Tex.	11	21	1,014	1,062
Dallas, Tex.	125	140	5,924	5,760
El Paso, Tex.	30	41	1,815	1,818
Fort Worth, Tex.	63	78	3,167	3,057
Houston, Tex.	187	164	7,792	7,851
Little Rock, Ark.	50	50	2,660	2,731
New Orleans, La.	173	184	8,504	8,633
Oklahoma City, Okla.	66	79	3,524	3,370
San Antonio, Tex.	112	87	4,748	4,852
Shreveport, La.	49	50	2,486	2,441
Tulsa, Okla.	56	71	2,464	2,484
MOUNTAIN:				
Albuquerque, N. Mex.	38	18	1,489	1,391
Colorado Springs, Colo.	16	13	779	760
Denver, Colo.	123	117	5,731	5,562
Ogden, Utah	13	13	740	715
Phoenix, Ariz.	48	55	2,545	2,258
Pueblo, Colo.	13	11	691	657
Salt Lake City, Utah	47	63	2,429	2,386
Tucson, Ariz.	29	21	1,168	996
PACIFIC:				
Berkeley, Calif.	26	18	852	924
Fresno, Calif.	(40)	(30)	(1,988)	(2,021)
Glendale, Calif.	(31)	(40)	(1,803)	(1,641)
Long Beach, Calif.	59	49	2,713	2,747
Los Angeles, Calif.	528	531	24,069	24,126
Oakland, Calif.	94	103	4,544	4,674
Pasadena, Calif.	23	44	1,576	1,730
Portland, Oreg.	112	101	5,422	4,984
Sacramento, Calif.	59	68	2,789	2,616
San Diego, Calif.	83	94	4,090	4,089
San Francisco, Calif.	213	209	9,718	9,442
San Jose, Calif.	(39)	(26)	(1,285)	(1,143)
Seattle, Wash.	144	182	6,844	6,732
Spokane, Wash.	59	47	2,469	2,270
Tacoma, Wash.	55	40	2,014	1,959
Honolulu, Hawaii	(34)	(37)	(1,906)	(1,829)

[1]Estimated.
[2]Includes estimate for current week.

QUARANTINE MEASURES—Continued

Yellow fever, typhoid and paratyphoid fever vaccinations are also recommended by the country.

Asia.—Pakistan (p. 42). Smallpox vaccination is not required for entrance into the country. It is, however, recommended by the country and by the Public Health Service. All other information remains the same.

Page 59 - The telephone number of the Yellow Fever Vaccination Center located at the U.S. Public Health Service, Outpatient Clinic, Room 208, Federal Building, Honolulu, Hawaii, should be corrected to read: 5-8831. All other information remains the same.

Page 70 - The port and airport of Mombasa and the local area of Nairobi airport (Embakasi) should be added to the cities excluded from the yellow fever endemic zone in Africa. Both of these cities are in Kenya.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available	---
Quantity zero	-
Percent more than 0 but less than 0.05	0.0
Disease stated not notifiable	*
Figures within parentheses not included in totals	( )

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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