

# 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 September 6, 1958

The number of poliomyelitis cases reported for the week ended September 6 was 317 of which 153 were paralytic, 122 nonparalytic, and 42 unspecified. The corrected total for the previous week was 286 (126 paralytic, 109 nonparalytic, and 52 unspecified). For the same week last year, there were 241 cases of which 73 were paralytic, 122 nonparalytic, and 46 unspecified.

For the current week, there was a substantial increase in the number of total cases reported in the South Atlantic, East South Central, and Pacific States, and a slight increase in the Middle Atlantic and West South Central States.

Iowa showed an increase from 2 cases for the week ended August 30 to 12 for the current week. The number of total cases and of paralytic cases was 3 times higher in Virginia than for the week ended August 30. The report from Michigan states

that, by weeks of onset, distribution of the 71 cases reported was as follows: 3, 6, 7, 23, and 31 respectively for the weeks ended August 1, 8, 15, 22, and 29, and only 1 case for the week ended September 5. The cases in Michigan continue to be concentrated in Detroit while in other areas there have been only scattered cases.

Missouri reports that about half of the cases reported this year have been in children under 5 years of age, as compared with one-fifth last year. Most of the cases this year have been reported in St. Louis City and County. Mississippi reports that an increasing proportion of cases has occurred in persons 20 years of age and over since June 1, 1958. Three-fourths of the cases reported this year have been nonparalytic.

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	36th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 6, 1958 <sup>1</sup>	Ended Sept. 7, 1957	Median 1953-57	First 36 weeks			Since seasonal low week			
				1958 <sup>1</sup>	1957	Median 1953-57	1957-58 <sup>1</sup>	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	11	14	20	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	11	7	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	22	24	35	569	691	926	(2)	(2)	(2)	(2)
Diphtheria-----055	9	18	28	436	622	1,001	86	158	256	July 1
Encephalitis, infectious-----062	78	58	58	1,395	1,243	1,173	786	683	580	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	268	236	405	10,863	11,246	22,411	268	236	405	Sept. 1
Malaria-----110-117	-	5	9	48	108	329	(2)	(2)	(2)	(2)
Measles-----085	1,238	843	807	711,601	450,497	527,274	1,238	843	807	Sept. 1
Meningococcal infections-----057	63	34	43	1,835	1,719	2,641	63	34	43	Sept. 1
Meningitis, other-----340	157	70	---	2,309	1,638	---	---	---	---	---
Poliomyelitis-----080	317	241	2,056	2,543	4,120	16,343	2,324	3,594	15,192	Apr. 1
Paralytic-----080.0,080.1	153	73	---	1,224	1,300	---	1,103	1,026	---	Apr. 1
Nonparalytic-----080.2	122	122	---	942	2,156	---	874	1,993	---	Apr. 1
Unspecified-----080.3	42	46	---	377	664	---	347	575	---	Apr. 1
Psittacosis-----096.2	1	2	2	110	193	195	(2)	(2)	(2)	(2)
Rabies in man-----094	-	1	-	2	4	5	(2)	(2)	(2)	(2)
Typhoid fever-----040	28	26	56	688	910	1,294	511	653	982	Apr. 1
Typhus fever, endemic-----101	2	1	3	51	84	96	39	59	80	Apr. 1
Rabies in animals-----	83	64	81	3,389	3,211	3,830	4,204	4,175	5,195	Oct. 1

<sup>1</sup>All data exclude report from Utah for the current week. Cumulative data include delayed reports from Colorado, Kansas, Montana, Nevada, and Wyoming for week ended August 30. <sup>2</sup>Data show no pronounced seasonal change in incidence. <sup>3</sup>Include revised report from Georgia, Indiana, and New Mexico for week ended August 23. <sup>4</sup>Includes 31 cases of aseptic meningitis: 9 in the District of Columbia, 10 in Florida, 4 in Iowa, and 8 in Maryland. Cumulative data include revised report from New York for week ended August 23.

Symbols.—1 dash [-] : no cases reported; 5 dashes [-----] : no data available

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**EPIDEMIOLOGICAL REPORTS**

Arthropod-borne encephalitis

Dr. John Mason, New Mexico Department of Public Health, has supplied information about 15 cases of mosquito-borne encephalitis in Dona Ana County. One case has been confirmed by serologic tests as St. Louis encephalitis; the others are under laboratory study. There has been one death to date, a 32-year-old male. The date of onset of the first reported case was July 28 and of the last case, August 28. The ages of the persons affected ranged from 2 years to 60 years. Seven cases of encephalitis in horses also have been reported in this county during the past 2 months.

The mosquito population is reported to be exceedingly large in Dona Ana County this year. This is due mainly to a wet summer and partly to reduced agricultural crop insecticide spraying. Mosquito control in the county is made difficult by the presence of about 250 miles of irrigation ditches which are largely overgrown with underbrush. Control activities have been intensified, and airplane dusting is being carried out as an emergency measure. The peak of mosquito activity in the area usually occurs about the third or fourth week in September, but breeding may continue into December in favorable years.

Ten additional cases of western equine and 2 of St. Louis encephalitis have been confirmed in California. Kern County has reported 12 of the 31 cases reported so far this year. The number of cases occurring in the northern portion of the central valley appears to be increasing. The California Viral and Rickettsial Disease Laboratory has reported the isolation of western equine encephalitis virus from the brain of a squirrel from Marin County.

Encephalitis is also reported to have been occurring in Colorado, Utah, and Wyoming. Twenty cases with 4 deaths, mostly in infants, are under investigation in one area of Utah. Several cases in humans and in horses are being studied in Wyoming.

Thus far in 1958 most of the arthropod-borne encephalitis has been confirmed as western equine encephalitis. The outbreak in New Mexico may be the exception. In 1957 an outbreak of St. Louis type occurred in Cameron County, Texas, and a mixed epidemic of St. Louis and western equine encephalitis, in the Panhandle of Texas. Sporadic cases of the St. Louis type were reported from 5 States. In addition to an outbreak of 38 cases in the Denver area, there was a small amount of western equine infection in other parts of Colorado and in Utah.

Eastern equine encephalitis was confined to a few cases in the South Atlantic and Gulf States. The last outbreak of this type occurred in Massachusetts in 1956.

Gastro-enteritis

Dr. Dean Fisher, Maine Commissioner of Health and Welfare, has forwarded reports on 2 outbreaks of gastro-enteritis, one of undetermined etiology and the other probably due to repeated staphylococcal infection of food. According to Dr. Alta Ashley, District Health Officer, the first outbreak affected 10 girls and 2 councilors who had been on a trip to Canada. The symptoms were vomiting, diarrhea, and fever. The camp the girls attended was closed when the outbreak was reported. The councilors were interviewed and reported they could recall no common food which all the girls had eaten other than potato chips. Stool specimens were obtained from 5 of the girls but these were negative for pathogenic organisms. Neither councilor was ill, but one said she had recently had dysentery in Iran when on her way home from India.

The other outbreak concerned 89 persons in a camp, who became ill during a period of 9 days. The symptoms varied among the individuals but all had nausea, many vomited, some had diarrhea, and some had fever up to 102° F. No unsanitary conditions were found in the kitchen equipment when investigation was made. Some leftover meatloaf and dressing were available for examination. Culture of the meatloaf revealed Bacillus subtilis, and the dressing was positive for Staphylococcus aureus. Stool specimens from 6 ill persons did not show pathogenic organisms. One server in the kitchen had a chronic infection of a fingernail which was kept covered with a bandage. The bandage was cultured and revealed S. aureus and B. coli.

Dr. I. H. Canfield, Santa Clara County Health Department, California, has reported an outbreak of gastro-enteritis, in a Mexican labor camp, in which 58 persons were ill. Nausea, vomiting, and diarrhea developed 3 hours after eating a meal which consisted of potatoes, beans, tortillas, tripe, macaroni with sauce, bread, and salsa. Tripe or beans was considered the probable vehicle of infection. A cook was found to have a large callous on the palm of one hand which was cracked and had a serious exudate.

**QUARANTINE MEASURES**

Immunization Information for International Travel

No changes reported.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 7, 1957, AND SEPTEMBER 6, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		36th week		Cumulative first 36 weeks		082		36th week		Cumulative first 36 weeks	
	1958	1957	1958	1957	1958 <sup>1</sup>	1957	1958	1957	1958	1957	1958 <sup>1</sup>	1957
CONT. UNITED STATES <sup>2</sup> -----	22	24	9	18	436	622	78	58	268	236	10,863	11,246
NEW ENGLAND-----	-	-	-	-	5	19	-	-	11	15	384	621
Maine-----	-	-	-	-	-	3	-	-	1	7	50	196
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	-	-	14	86
Massachusetts-----	-	-	-	-	4	16	-	-	6	4	188	179
Rhode Island-----	-	-	-	-	-	-	-	-	-	1	49	59
Connecticut-----	-	-	-	-	1	-	-	-	4	3	81	93
MIDDLE ATLANTIC-----	-	1	1	-	33	57	4	10	25	38	1,366	1,748
New York-----	-	-	-	-	15	30	2	10	17	25	930	1,058
New Jersey-----	-	-	-	-	2	9	-	-	-	1	107	228
Pennsylvania-----	-	1	1	-	16	18	2	-	8	12	329	462
EAST NORTH CENTRAL-----	5	12	-	-	30	38	8	14	48	28	1,904	1,928
Ohio-----	-	-	-	-	6	9	2	6	20	9	604	491
Indiana-----	-	-	-	-	14	9	-	3	4	2	173	275
Illinois-----	4	8	-	-	4	3	5	4	4	4	454	423
Michigan-----	-	-	-	-	5	15	1	1	16	6	522	535
Wisconsin-----	1	4	-	-	1	2	-	-	4	7	151	204
WEST NORTH CENTRAL-----	13	8	2	-	74	51	8	8	15	17	892	674
Minnesota-----	-	-	-	-	30	21	-	-	1	3	120	235
Iowa-----	4	4	-	-	13	7	-	2	9	5	163	162
Missouri-----	1	-	1	-	14	1	-	-	2	3	179	112
North Dakota-----	1	-	-	-	3	3	6	4	3	4	149	89
South Dakota-----	-	-	-	-	5	6	-	-	-	1	10	33
Nebraska-----	7	-	-	-	8	8	2	-	-	-	56	20
Kansas-----	-	4	1	-	1	5	-	2	-	1	215	23
SOUTH ATLANTIC-----	1	2	3	10	112	189	10	3	27	25	784	860
Delaware-----	-	-	-	-	-	-	-	-	-	-	37	7
Maryland-----	-	1	-	-	3	2	-	-	1	-	86	84
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	10
Virginia-----	1	-	-	1	15	11	2	2	10	11	199	339
West Virginia-----	-	-	-	1	9	5	1	-	2	11	115	74
North Carolina-----	-	1	1	2	14	25	-	-	-	-	40	75
South Carolina-----	-	-	1	5	17	39	-	1	1	-	37	24
Georgia-----	-	-	1	1	31	45	7	-	3	1	83	93
Florida-----	-	-	-	-	23	62	-	-	10	2	175	154
EAST SOUTH CENTRAL-----	-	-	-	7	43	87	1	6	15	23	902	1,493
Kentucky-----	-	-	-	-	4	13	1	4	6	10	413	632
Tennessee-----	-	-	-	-	6	9	-	2	4	8	249	561
Alabama-----	-	-	3	-	20	37	-	-	3	4	179	192
Mississippi-----	-	-	-	4	13	28	-	-	2	1	61	108
WEST SOUTH CENTRAL-----	2	1	-	1	89	124	3	7	14	33	855	863
Arkansas-----	1	1	-	-	12	12	-	-	1	3	83	65
Louisiana-----	-	-	-	-	11	10	-	-	-	-	9	46
Oklahoma-----	-	-	-	1	25	18	3	-	-	3	112	101
Texas-----	1	-	-	-	41	84	-	7	13	27	651	651
MOUNTAIN <sup>2</sup> -----	1	-	1	-	41	26	17	2	31	24	1,711	967
Montana-----	-	-	-	-	15	9	-	2	8	7	272	132
Idaho-----	1	-	-	-	2	1	-	-	4	5	111	77
Wyoming-----	-	-	-	-	2	1	9	-	1	-	8	45
Colorado-----	-	-	-	-	7	2	4	-	8	7	174	156
New Mexico-----	-	-	1	-	12	9	4	-	3	4	254	321
Arizona-----	-	-	-	-	3	3	-	-	7	1	663	173
Utah-----	-	-	-	-	2	1	-	-	-	-	2131	38
Nevada-----	-	-	-	-	-	-	-	-	-	-	98	25
PACIFIC-----	-	-	2	-	9	31	27	8	82	33	2,065	2,092
Washington-----	-	-	-	-	-	22	-	-	4	11	337	277
Oregon-----	-	-	2	-	5	2	5	-	15	3	286	395
California-----	-	-	-	-	4	7	22	8	63	19	1,442	1,420
Alaska-----	-	-	-	-	-	-	-	-	1	-	74	67
Hawaii-----	-	-	-	-	-	-	-	-	-	1	48	34
Puerto Rico-----	-	-	2	-	36	38	-	-	6	-	105	120

<sup>1</sup>Data include delayed reports from Kansas, Montana, Wyoming, Colorado, and Nevada for week ended August 30.<sup>2</sup>Data exclude report from Utah for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 7, 1957, AND SEPTEMBER 6, 1958--Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>3</sup>				Paralytic		Nonparalytic		110-117		085	
	36th week		Cumulative first 36 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958 <sup>1</sup>	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES <sup>2</sup> -----	317	241	2,543	4,120	153	73	122	122	-	5	1,238	843
NEW ENGLAND-----	3	6	52	56	2	-	1	5	-	1	56	52
Maine-----	-	1	2	6	-	-	-	1	-	1	19	5
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	2	-
Vermont-----	-	1	2	4	-	-	-	1	-	-	1	11
Massachusetts-----	1	1	16	13	1	-	-	1	-	-	25	32
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	-	-
Connecticut-----	2	3	26	29	1	-	1	2	-	-	9	4
MIDDLE ATLANTIC-----	44	21	297	222	30	5	9	14	-	-	146	113
New York-----	13	12	124	134	12	4	-	8	-	-	57	77
New Jersey-----	24	9	134	53	11	1	9	6	-	-	33	18
Pennsylvania-----	7	-	39	35	7	-	-	-	-	-	56	18
EAST NORTH CENTRAL-----	124	87	654	985	40	14	65	43	-	-	190	186
Ohio-----	18	10	112	178	6	1	-	5	-	-	30	18
Indiana-----	8	4	59	96	5	3	-	-	-	-	21	3
Illinois-----	26	32	92	224	4	6	21	16	-	-	40	20
Michigan-----	71	25	363	307	24	2	44	21	-	-	48	21
Wisconsin-----	1	16	29	180	1	2	-	1	-	-	51	124
WEST NORTH CENTRAL-----	24	28	151	342	10	8	11	16	-	-	100	29
Minnesota-----	-	4	11	35	-	4	-	-	-	-	-	-
Iowa-----	12	7	35	52	4	1	6	5	-	-	84	7
Missouri-----	6	8	48	97	3	1	3	7	-	-	9	1
North Dakota-----	4	-	23	8	3	-	1	-	-	-	5	19
South Dakota-----	-	-	6	32	-	-	-	-	-	-	1	1
Nebraska-----	1	5	12	64	-	2	1	3	-	-	1	1
Kansas-----	1	4	16	54	-	-	-	1	-	-	(*)	-
SOUTH ATLANTIC-----	51	28	460	564	28	17	15	8	-	-	156	86
Delaware-----	1	-	12	4	-	-	1	-	-	-	1	1
Maryland-----	2	-	8	9	2	-	-	-	-	-	14	10
District of Columbia-----	-	7	5	35	-	7	-	-	-	-	-	4
Virginia-----	14	5	73	65	12	3	2	2	-	-	78	20
West Virginia-----	16	1	79	20	10	-	6	1	-	-	10	33
North Carolina-----	2	3	71	173	-	2	2	1	-	-	4	1
South Carolina-----	1	3	12	96	-	2	-	1	-	-	-	7
Georgia-----	8	2	33	61	1	1	4	-	-	-	28	1
Florida-----	7	7	167	101	3	2	-	3	-	-	21	9
EAST SOUTH CENTRAL-----	14	8	184	285	4	4	7	4	-	3	91	75
Kentucky-----	1	3	29	66	1	2	-	1	-	3	5	38
Tennessee-----	9	3	62	98	1	2	6	1	-	-	64	20
Alabama-----	1	-	23	32	-	-	-	-	-	-	17	16
Mississippi-----	3	2	70	89	2	-	1	2	-	-	5	1
WEST SOUTH CENTRAL-----	34	34	429	900	27	16	7	16	-	1	144	104
Arkansas-----	1	1	16	50	1	1	-	-	-	-	1	3
Louisiana-----	1	3	45	141	1	2	-	1	-	-	3	1
Oklahoma-----	3	8	42	98	3	4	-	2	-	1	4	11
Texas-----	29	22	326	611	22	9	7	13	-	-	136	89
MOUNTAIN <sup>2</sup> -----	6	10	114	177	1	4	2	2	-	-	208	98
Montana-----	-	1	41	9	-	-	-	1	-	-	106	38
Idaho-----	2	1	7	16	-	-	-	-	-	-	8	4
Wyoming-----	1	1	4	11	-	1	-	-	-	-	3	3
Colorado-----	1	2	12	27	-	1	1	1	-	-	39	12
New Mexico-----	1	2	23	42	-	-	1	-	-	-	38	8
Arizona-----	1	-	18	39	1	-	-	-	-	-	14	18
Utah-----	-	3	26	29	-	2	-	-	-	-	-	15
Nevada-----	-	-	3	4	-	-	-	-	-	-	-	-
PACIFIC-----	17	19	202	589	11	5	5	14	-	-	147	100
Washington-----	1	2	15	9	-	2	-	-	-	-	22	28
Oregon-----	2	1	27	36	1	-	1	1	-	-	19	25
California-----	14	16	160	544	10	3	4	13	-	-	106	47
Alaska-----	-	1	1	3	-	1	-	-	-	-	14	6
Hawaii-----	2	2	58	4	2	2	-	-	-	-	8	6
Puerto Rico-----	-	4	53	26	-	3	-	1	-	-	47	11

<sup>1</sup>Data include delayed reports from Kansas, Montana, Wyoming, Colorado, and Nevada for week ended August 30.<sup>2</sup>Data exclude report from Utah for the current week.<sup>3</sup>Includes cases not specified by type, category number 080.3.

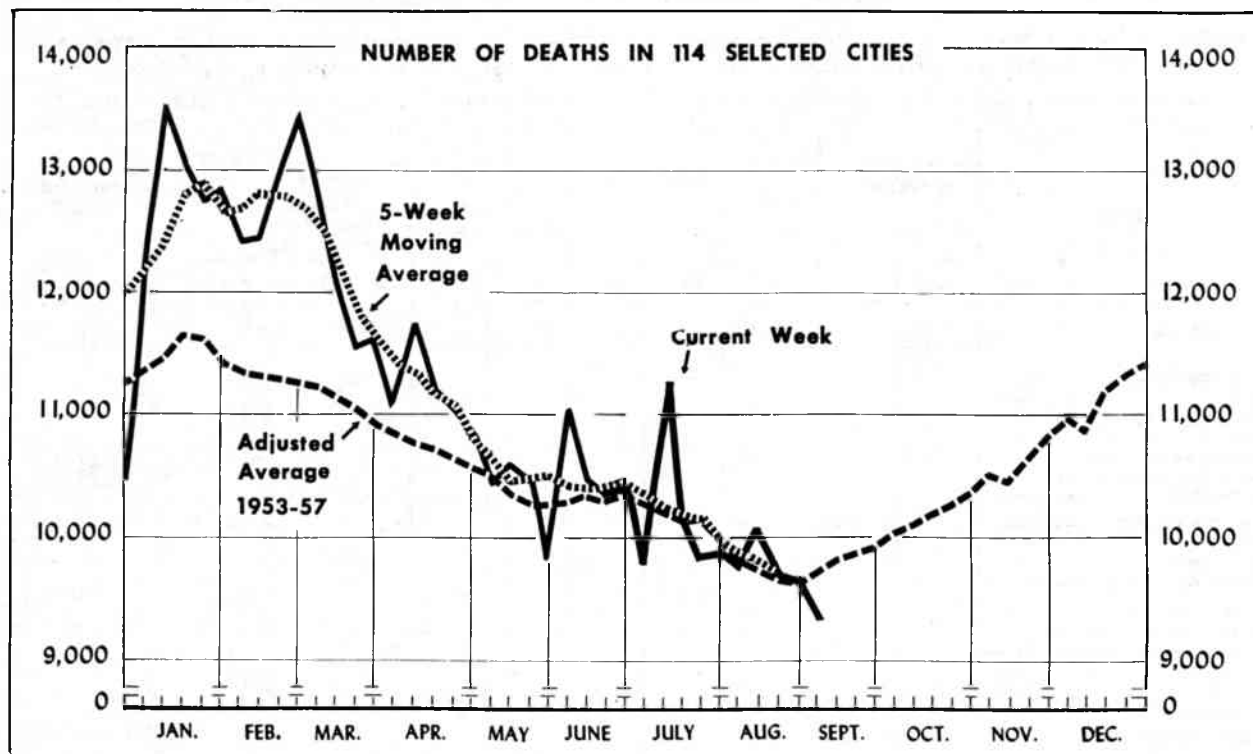
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 7, 1957, AND SEPTEMBER 6, 1958—Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096,2		36th week		Cumulative first 36 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958 <sup>1</sup>	1957	1958	1958	1957
CONT. UNITED STATES <sup>2</sup> -----	63	34	157	1	2	28	26	688	910	2	83	64
NEW ENGLAND-----	1	3	47	-	-	-	-	13	19	-	-	-
Maine-----	-	-	1	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	2	44	-	-	-	-	5	8	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	1	4	-	-	-
Connecticut-----	-	-	-	-	-	-	-	5	3	-	-	-
MIDDLE ATLANTIC-----	2	1	-	-	-	3	3	79	92	-	12	12
New York-----	-	1	-	-	-	-	-	25	38	-	10	12
New Jersey-----	-	-	-	-	-	1	1	16	19	-	-	-
Pennsylvania-----	2	-	-	-	-	2	2	38	35	-	2	-
EAST NORTH CENTRAL-----	16	8	22	-	-	6	5	71	121	-	13	10
Ohio-----	3	-	-	-	-	3	4	27	49	-	5	5
Indiana-----	1	2	4	-	-	3	1	13	38	-	2	-
Illinois-----	1	3	13	-	-	-	-	16	14	-	-	4
Michigan-----	7	3	5	-	-	-	-	9	10	-	1	1
Wisconsin-----	4	-	-	-	-	-	-	6	10	-	5	-
WEST NORTH CENTRAL-----	3	6	5	1	-	2	1	57	64	-	22	12
Minnesota-----	-	-	-	-	-	-	1	3	5	-	8	8
Iowa-----	-	-	4	-	-	2	-	11	16	-	4	2
Missouri-----	1	2	1	1	-	-	-	26	33	-	5	2
North Dakota-----	1	4	-	-	-	-	-	1	1	-	5	-
South Dakota-----	-	-	-	-	-	-	-	6	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	2	-	-	-	-
Kansas-----	1	-	-	-	-	-	-	8	5	-	-	-
SOUTH ATLANTIC-----	8	4	60	-	-	4	4	121	180	1	8	7
Delaware-----	1	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	1	-	48	-	-	1	-	6	6	-	-	-
District of Columbia-----	2	-	511	-	-	-	-	6	8	-	-	-
Virginia-----	1	-	21	-	-	2	-	26	36	-	2	2
West Virginia-----	2	-	1	-	-	1	-	15	42	-	1	-
North Carolina-----	-	1	-	-	-	-	-	14	11	-	1	2
South Carolina-----	-	-	-	-	-	-	1	8	14	-	1	1
Georgia-----	1	-	8	-	-	-	2	25	25	1	3	-
Florida-----	-	3	611	-	-	-	1	16	37	-	-	2
EAST SOUTH CENTRAL-----	8	7	9	-	-	3	6	77	143	1	17	11
Kentucky-----	3	1	1	-	-	1	3	23	45	-	12	10
Tennessee-----	-	-	7	-	-	2	2	22	57	-	3	-
Alabama-----	4	6	-	-	-	-	1	13	11	1	2	-
Mississippi-----	1	-	1	-	-	-	-	19	30	-	-	1
WEST SOUTH CENTRAL-----	1	-	4	-	-	7	6	172	199	-	9	7
Arkansas-----	1	-	-	-	-	-	-	23	33	-	1	3
Louisiana-----	-	-	-	-	-	3	2	64	47	-	-	-
Oklahoma-----	-	-	-	-	-	-	1	7	23	-	-	-
Texas-----	-	-	4	-	-	4	3	78	96	-	8	4
MOUNTAIN <sup>2</sup> -----	14	4	4	-	1	1	1	51	37	-	1	-
Montana-----	-	3	-	-	-	-	-	3	2	-	-	-
Idaho-----	-	-	-	-	-	-	1	6	4	-	-	-
Wyoming-----	10	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	2	-	3	-	-	1	-	6	10	-	-	-
New Mexico-----	-	-	1	-	-	-	-	18	12	-	-	-
Arizona-----	2	1	-	-	-	-	-	8	7	-	1	-
Utah-----	-	-	-	-	1	-	-	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	10	1	6	-	1	2	-	47	55	-	1	5
Washington-----	1	-	-	-	-	-	-	-	3	-	-	-
Oregon-----	1	-	6	-	-	2	-	9	5	-	-	-
California-----	8	1	-	-	1	-	-	38	47	-	1	5
Alaska-----	-	-	-	-	-	1	-	1	1	-	-	-
Hawaii-----	1	1	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	17	15	-	-	-

<sup>1</sup>Data include delayed reports from Kansas, Montana, Wyoming, Colorado, and Nevada for week ended August 30.<sup>2</sup>Data exclude report from Utah for the current week.<sup>3</sup>Aseptic meningitis.<sup>4</sup>Includes 9 cases of asepticmeningitis. <sup>5</sup>Includes 10 cases of aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available; asterisk [\*]: disease not notifiable.



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, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 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 the 5-week 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 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	36th week ended Sept. 6, 1958	35th week ended Aug. 30, 1958	Adjusted average, 36th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 36 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	<sup>1</sup> 9,315	9,626	9,716	-4.1	<sup>1</sup> 402,774	386,885	+4.1
New England----- (14 cities)	578	597	613	-5.7	25,433	24,862	+2.3
Middle Atlantic----- (20 cities)	2,643	2,731	2,786	-5.1	116,191	112,231	+3.5
East North Central----- (19 cities)	<sup>1</sup> 2,130	2,058	2,120	+0.5	<sup>1</sup> 85,801	83,241	+3.1
West North Central----- (9 cities)	645	639	696	-7.3	28,453	27,565	+3.2
South Atlantic----- (11 cities)	807	785	808	-0.1	35,103	32,548	+7.8
East South Central----- (8 cities)	350	492	460	-23.9	18,826	17,267	+9.0
West South Central----- (13 cities)	768	885	781	-1.7	34,374	32,527	+5.7
Mountain----- (8 cities)	247	248	227	+8.8	10,725	9,652	+11.1
Pacific----- (12 cities)	1,147	1,191	1,176	-2.5	47,868	46,992	+1.8

<sup>1</sup>Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	36th week ended Sept. 6, 1958	35th week ended Aug. 30, 1958	CUMULATIVE NUMBER FIRST 36 WEEKS		AREA	36th week ended Sept. 6, 1958	35th week ended Aug. 30, 1958	CUMULATIVE NUMBER FIRST 36 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:									
Boston, Mass.-----	195	224	8,792	8,397	WEST NORTH CENTRAL—Con.:				
Bridgeport, Conn.-----	33	30	1,347	1,342	St. Louis, Mo.-----	214	199	8,852	8,529
Cambridge, Mass.-----	26	18	1,039	1,081	St. Paul, Minn.-----	55	58	2,634	2,383
Fall River, Mass.-----	20	23	990	960	Wichita, Kans.-----	40	38	1,642	1,579
Hartford, Conn.-----	43	44	1,808	1,749	SOUTH ATLANTIC:				
Lowell, Mass.-----	20	24	953	1,006	Atlanta, Ga.-----	81	114	3,967	3,878
Lynn, Mass.-----	18	19	806	736	Baltimore, Md.-----	189	191	8,985	8,554
New Bedford, Mass.-----	20	14	854	871	Charlotte, N. C.-----	37	26	1,272	1,174
New Haven, Conn.-----	37	47	1,641	1,630	Jacksonville, Fla.-----	52	51	2,198	1,920
Providence, R. I.-----	57	62	2,303	2,221	Miami, Fla.-----	61	58	2,628	1,786
Somerville, Mass.-----	15	6	497	484	Norfolk, Va.-----	24	25	1,277	1,286
Springfield, Mass.-----	40	23	1,524	1,533	Richmond, Va.-----	55	74	2,725	2,696
Waterbury, Conn.-----	20	21	954	904	Savannah, Ga.-----	37	20	1,184	1,058
Worcester, Mass.-----	34	42	1,925	1,948	St. Petersburg, Fla.-----	(61)	(53)	(2,398)	---
MIDDLE ATLANTIC:									
Albany, N. Y.-----	40	34	1,757	1,768	Tampa, Fla.-----	65	31	2,463	2,248
Allentown, Pa.-----	18	19	1,177	1,349	Washington, D. C.-----	172	156	7,050	6,640
Buffalo, N. Y.-----	134	111	5,388	5,138	Wilmington, Del.-----	34	39	1,354	1,308
Camden, N. J.-----	44	34	1,544	1,434	EAST SOUTH CENTRAL:				
Elizabeth, N. J.-----	31	30	1,088	1,018	Birmingham, Ala.-----	52	87	3,158	2,792
Erie, Pa.-----	48	30	1,284	1,281	Chattanooga, Tenn.-----	34	37	1,750	1,652
Jersey City, N. J.-----	53	59	2,569	2,444	Knoxville, Tenn.-----	14	33	1,008	980
Newark, N. J.-----	87	75	3,461	3,688	Louisville, Ky.-----	78	107	3,973	3,721
New York City, N. Y.-----	1,331	1,442	58,776	56,565	Memphis, Tenn.-----	70	115	4,179	3,816
Paterson, N. J.-----	40	31	1,484	1,402	Mobile, Ala.-----	35	25	1,410	1,286
Philadelphia, Pa.-----	375	374	18,260	17,360	Montgomery, Ala.-----	21	42	1,222	884
Pittsburgh, Pa.-----	157	196	6,923	6,473	Nashville, Tenn.-----	46	46	2,126	2,136
Reading, Pa.-----	15	22	777	831	WEST SOUTH CENTRAL:				
Rochester, N. Y.-----	77	86	3,627	3,421	Austin, Tex.-----	23	31	1,190	1,077
Schenectady, N. Y.-----	23	23	821	840	Baton Rouge, La.-----	29	20	1,029	887
Scranton, Pa.-----	24	15	1,237	1,357	Corpus Christi, Tex.-----	17	17	759	751
Syracuse, N. Y.-----	66	57	2,248	2,080	Dallas, Tex.-----	102	119	4,177	3,839
Trenton, N. J.-----	27	38	1,710	1,579	El Paso, Tex.-----	18	36	1,294	1,113
Utica, N. Y.-----	24	27	961	1,131	Fort Worth, Tex.-----	47	43	2,205	2,230
Yonkers, N. Y.-----	29	28	1,099	1,072	Houston, Tex.-----	125	169	5,737	5,392
EAST NORTH CENTRAL:									
Akron, Ohio-----	44	48	2,074	1,925	Little Rock, Ark.-----	47	75	1,974	1,923
Canton, Ohio-----	26	33	1,126	1,096	New Orleans, La.-----	131	139	6,430	6,225
Chicago, Ill.-----	703	659	27,390	26,797	Oklahoma City, Okla.-----	59	59	2,450	2,220
Cincinnati, Ohio-----	134	146	5,859	5,404	San Antonio, Tex.-----	82	88	3,546	3,438
Cleveland, Ohio-----	188	189	7,517	7,420	Shreveport, La.-----	46	52	1,781	1,660
Columbus, Ohio-----	133	100	4,078	4,035	Tulsa, Okla.-----	42	37	1,802	1,672
Dayton, Ohio-----	67	61	2,622	2,558	MOUNTAIN:				
Detroit, Mich.-----	284	236	11,479	11,532	Albuquerque, N. Mex.-----	33	17	1,031	912
Evansville, Ind.-----	27	44	1,427	1,104	Colorado Springs, Colo.-----	14	7	528	492
Flint, Mich.-----	25	39	1,358	1,331	Denver, Colo.-----	75	100	4,053	3,952
Fort Wayne, Ind.-----	35	39	1,269	1,272	Ogden, Utah-----	9	16	542	440
Gary, Ind.-----	125	23	1,163	1,046	Phoenix, Ariz.-----	44	32	1,625	1,063
Grand Rapids, Mich.-----	41	33	1,501	1,475	Pueblo, Colo.-----	14	11	454	461
Indianapolis, Ind.-----	123	112	4,585	4,236	Salt Lake City, Utah-----	40	50	1,738	1,579
Madison, Wis.-----	(34)	(33)	(1,170)	(1,154)	Tucson, Ariz.-----	18	15	754	753
Milwaukee, Wis.-----	102	115	4,756	4,633	PACIFIC:				
Peoria, Ill.-----	32	24	1,144	1,057	Berkeley, Calif.-----	10	22	683	681
Rockford, Ill.-----	(18)	(20)	(955)	(906)	Fresno, Calif.-----	(47)	(31)	(1,393)	---
South Bend, Ind.-----	17	27	961	923	Glendale, Calif.-----	(20)	(26)	(1,205)	---
Toledo, Ohio-----	83	79	3,590	3,420	Long Beach, Calif.-----	50	41	1,985	1,935
Youngstown, Ohio-----	41	51	1,902	1,977	Los Angeles, Calif.-----	395	454	17,463	16,959
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	53	42	1,973	1,946	Oakland, Calif.-----	94	101	3,392	3,378
Duluth, Minn.-----	17	12	902	922	Pasadena, Calif.-----	28	28	1,264	1,286
Kansas City, Kans.-----	7	22	930	1,066	Portland, Oreg.-----	105	64	3,608	3,440
Kansas City, Mo.-----	116	99	4,425	4,251	Sacramento, Calif.-----	44	50	1,891	1,825
Lincoln, Nebr.-----	(15)	(26)	(896)	---	San Diego, Calif.-----	82	62	2,940	2,854
Minneapolis, Minn.-----	97	119	4,576	4,452	San Francisco, Calif.-----	183	168	6,785	6,890
Omaha, Nebr.-----	46	50	2,519	2,437	San Jose, Calif.-----	(20)	(21)	(813)	---
					Seattle, Wash.-----	103	115	4,817	4,699
					Spokane, Wash.-----	23	40	1,649	1,640
					Tacoma, Wash.-----	30	46	1,391	1,405
					Honolulu, Hawaii-----	(32)	(32)	(1,321)	(1,374)

<sup>1</sup>Estimated<sup>2</sup>Includes estimate for current week.

Symbols.—Parentheses [ ( ) ]: data not included in table 3; 3 dashes [ --- ]: data not available.

# Morbidity and Mortality Weekly Report

## 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 Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, 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 at the end of table 1.

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