

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 5, 1959

The 2 cases of encephalitis reported in Utah include 1 case of western equine encephalitis.

The Food and Drug Administration has been notified of a case of botulism under investigation in California. The source was thought to be home-canned corn.

Reports for the week ended September 5 were not received from 6 States because of the holiday. The total number of cases of poliomyelitis reported in the remaining 43 States and the District of Columbia was 503, of which 276 were paralytic, 177 nonparalytic, and 50 unspecified. For the previous week the revised total was 534, including 334 paralytic cases (revised to include 15 cases for Washington State). For that week, the 6 States for which reports were not received for the current week reported a total of 42 cases, of which 30 were paralytic. These figures indicate that the complete total of paralytic cases for the country as a whole for the week ended September 5 may be less than that for the previous week. For the week

ended September 6, 1958, the total number of cases was 318, of which 152 were paralytic.

Increases in the number of paralytic cases, compared with the previous week, were reported in the New England, Middle Atlantic, and West North Central Divisions. In the New England area, the increase was due largely to an increase in cases in Massachusetts; in the Middle Atlantic States, to increases in both New York and Pennsylvania; and in the West North Central States, to an increase in cases reported in Missouri. There were substantial decreases in paralytic cases reported in the East North Central and East South Central States. The figures for Illinois, Tennessee, Alabama, Texas, and California are all considerably less than those for the previous week. However, the California report stated that totals for that State were incomplete because of the holiday.

Additional information from West Virginia states that 9

Continued on page 2

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)	35th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 5, 1959 ¹	Ended Sept. 6, 1958	Median 1954-58	First 35 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	12	11	15	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	13	3	6	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	10	23	32	518	561	712	(2)	(2)	(2)	(2)
Diphtheria-----055	11	9	18	492	409	930	104	87	158	July 1
Encephalitis, infectious-----082	81	83	77	1,254	1,352	1,224	673	758	636	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	323	270	270	15,101	10,351	13,743	323	270	270	Sept. 1
Malaria-----110-117	2	1	9	52	46	160	(2)	(2)	(2)	(2)
Measles-----085	994	1,271	843	363,279	706,015	559,613	994	1,271	843	Sept. 1
Meningococcal infections-----057	14	63	43	1,578	1,783	1,887	14	63	43	Sept. 1
Meningitis, other-----340	² 231	183	---	3,070	2,303	---	---	---	---	---
Poliomyelitis-----080	503	318	854	4,471	2,505	9,671	4,203	2,318	8,692	Apr. 1
Paralytic-----080.0, 080.1	276	152	292	2,791	1,206	4,290	2,604	1,103	3,759	Apr. 1
Nonparalytic-----080.2	177	124	394	1,251	930	3,697	1,206	871	3,435	Apr. 1
Unspecified-----080.3	50	42	168	429	369	1,684	393	344	1,498	Apr. 1
Psittacosis-----096.2	-	1	2	78	110	195	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	3	2	4	(2)	(2)	(2)	(2)
Typhoid fever-----040	18	27	46	517	676	1,139	393	510	849	Apr. 1
Typhus fever, endemic-----101	1	2	2	28	50	83	22	39	59	Apr. 1
Rabies in animals-----	40	83	81	2,630	3,306	3,423	3,521	4,204	4,523	Oct. 1

¹Data exclude reports from Arizona, Florida, Georgia, Mississippi, Nebraska, and South Dakota for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes 51 cases of aseptic meningitis; see footnote to table 2.

of the 14 cases reported there occurred in Kanawha County. In Alabama, 6 cases were reported in Jefferson County; in Minnesota, 5 cases occurred in Minneapolis. Almost all the cases reported in Iowa are scattered over the State, although a number of cases, mostly nonparalytic, continue to be reported from Des Moines.

The cases reported in the State of Washington to date have not been specified as to category, but information has been received that paralytic cases only are included in the weekly telegraphic report. For this reason, the 65 cases reported through the week ended August 29 have been transferred from the unspecified category to the paralytic category, and the cumulative totals include these changes. The age distribution of the 65 cases shows that 17 cases were in children under 5 years of age and 17 in children in the age group 5 to 9 years. There were 3 cases in persons in the age group 10 to 19 years, and 28 persons were in the group 20 years and over, including 5 cases in persons more than 40 years old. Nine of the individuals had received 3 inoculations of vaccine; 33 had received none; and, for 15, the vaccination status was unknown. The cases have been concentrated in Seattle and King County and extend into contiguous Pierce County, with smaller localization in Clark County and Spokane City.

So far this year, 9 deaths due to poliomyelitis have been recorded in North Carolina. For the current week, Virginia reported 3 deaths and Indiana 1.

The Canadian Department of National Health and Welfare reports that 103 cases of paralytic poliomyelitis were reported for the week ended August 15 and a total of 329 for the first 32 weeks of 1959. Eighty-eight of the 103 were reported from the Province of Quebec. The cumulative total for Quebec is 219. The highest concentration of cases is in the city of Montreal, the surrounding metropolitan area, and within a 50-mile radius of the city. Sixty-five percent of the cases in the Province of Quebec have been in children under 10 years of age, and 94 percent have occurred in unvaccinated persons. Nearly one-quarter of the cases have been bulbar, only one of which had received 3 injections of vaccine.

EPIDEMIOLOGICAL REPORTS

Influenza-like disease

The Morbidity Report of the Mississippi State Board of Health for the week ended August 28 states that for the previous 3 weeks there had been a widespread occurrence of an influenza-like illness in Bolivar County. The very young were more commonly attacked with a mild febrile disease lasting 3 to 5 days. Severe illness was reported in 2 members of a family, all of which were affected. Results of laboratory tests were not reported.

Aseptic meningitis

Information has been received from the Division of Indian Health, U.S. Public Health Service, about a second outbreak of aseptic meningitis on an Indian reservation in New Mexico. The first outbreak occurred during the week ended August 1 and was reported in the Morbidity and Mortality Weekly Report for the week ended August 8 under the heading "Encephalitis." About 25 Indian children enrolled in a public school on August 20. An additional 25 children were kept out of school because they were either contacts of original cases or convalescent cases. Several days after school began, 6 persons became ill with meningitis and were hospitalized. Three of these were children 6, 7, and 12 years old from the same family who had enrolled in the school. The 3 others were residents of 2 other

communities. Symptoms were essentially identical with those of the previous cases.

Staphylococcal food poisoning

Dr. A. C. Offutt, Indiana State Health Commissioner, supplied information about 2 recent extensive outbreaks of food poisoning occurring in that State. On August 15 approximately 489 employees of an Indiana manufacturing firm and their 1,260 guests attended a picnic. The menu consisted of ham sandwiches, barbecued chicken, potato salad, baked beans, relishes, cake, and coffee, milk, or soft drinks. The ham sandwiches were prepared at the picnic grounds from canned hams which had been prepared in a bakery in a nearby city. Lunch was served between 11:30 a.m. and 1:30 p.m. The earliest reported illness occurred at about 1:30 p.m., when 1 of the individuals who prepared the sandwiches became ill. Within 4 hours, 1,183 persons were reported to have become ill with nausea, vomiting, diarrhea, abdominal cramps, dizziness, and collapse. Almost all the ill persons recovered within 24 hours. There were no fatalities. Laboratory examination of specimens of the ham indicated extensive contamination with coagulase-positive staphylococci. Findings on the other foods served were not significant. The staphylococcus isolated was phage type 6/47/53/VA4. Stool and vomitus specimens were not obtained, and throat swabs from foodhandlers at the bakery were unsatisfactory.

On August 22 approximately 1,800 employees and guests of a local manufacturing firm attended a picnic. The menu consisted of baked ham sandwiches, barbecued hamburger, macaroni salad, potato salad, cottage cheese, baked beans, scalloped corn, cole slaw, cakes made from commercial cake mix, and beverages. The food was delivered to the picnic grounds at 4:00 p.m. Approximately 150 people became ill 8 to 10 hours after the food was served; 80 were reported hospitalized. There were no fatalities. The symptoms of the illness were nausea, vomiting, diarrhea, cramps, chills, and prostration. A sizeable group of individuals suffered only a mild upset with nausea and little or no vomiting or diarrhea and recovered rapidly. Epidemiological investigation revealed the most probable vehicle of infection to be the ham. Vomitus and stool specimens were collected as well as samples of the food items. No staphylococci have yet been isolated from the stool specimens but coagulase-positive staphylococci have been isolated from the vomitus, from the ham, and from the potato salad specimens. The hams were baked in a local bakery. They were of large size and smoked and had to be boned before slicing. Cultures of the organisms were not typable at the time of the report.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384 (1958)

Change Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>State and city</u>	<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Texas Beaumont	Jefferson County Health Department 601 Court House Bldg. Tel. TErMinal 3-6411	Wednesday 2-4 p.m.	Yes

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 6, 1958, AND SEPTEMBER 5, 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.			
	1959	1958	35th week		Cumulative first 35 weeks		1959	1958	35th week		Cumulative first 35 weeks	
			1959	1958	1959	1958			1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	10	23	11	9	492	409	81	83	323	270	15,101	10,351
NEW ENGLAND-----	-	-	-	-	5	5	2	-	17	11	487	381
Maine-----	-	-	-	-	-	-	-	-	2	1	82	50
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	13	2
Vermont-----	-	-	-	-	-	-	-	-	-	-	22	14
Massachusetts-----	-	-	-	-	5	4	1	-	10	6	221	187
Rhode Island-----	-	-	-	-	-	-	-	1	5	-	49	49
Connecticut-----	-	-	-	-	-	1	-	-	-	4	100	79
MIDDLE ATLANTIC-----	-	-	1	1	43	31	20	4	59	25	2,267	1,326
New York-----	-	-	1	-	22	15	10	2	29	17	1,333	909
New Jersey-----	-	-	-	-	9	1	3	-	2	-	250	105
Pennsylvania-----	-	-	-	1	12	15	7	2	28	8	684	312
EAST NORTH CENTRAL-----	1	5	1	-	24	29	37	17	55	48	2,492	1,867
Ohio-----	-	-	-	-	7	6	22	2	21	20	737	590
Indiana-----	1	-	1	-	4	13	10	9	2	4	234	172
Illinois-----	-	4	-	-	9	4	3	5	20	4	527	451
Michigan-----	-	-	-	-	2	5	1	1	10	16	849	505
Wisconsin-----	-	1	-	-	2	1	1	-	2	4	145	149
WEST NORTH CENTRAL ¹ -----	5	13	-	2	37	74	4	8	16	15	1,206	882
Minnesota-----	-	-	-	-	18	30	-	-	4	1	303	118
Iowa-----	2	4	-	-	3	13	-	-	1	9	110	162
Missouri-----	-	1	-	1	3	14	-	-	2	2	334	173
North Dakota-----	1	1	-	-	2	3	1	6	9	3	237	148
South Dakota-----	-	-	-	-	13	5	-	-	-	-	132	10
Nebraska-----	-	7	-	-	18	8	-	2	-	-	155	56
Kansas-----	2	-	-	1	-	1	3	-	-	-	135	215
SOUTH ATLANTIC ¹ -----	1	1	2	3	124	109	1	10	28	27	1,341	767
Delaware-----	-	-	-	-	-	-	-	-	-	-	80	37
Maryland-----	-	-	-	-	7	3	-	-	4	1	312	85
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	12	12
Virginia-----	1	1	-	-	8	15	-	2	19	10	310	194
West Virginia-----	-	-	-	-	1	9	-	1	-	2	237	114
North Carolina-----	-	-	1	1	13	14	-	-	4	-	80	39
South Carolina-----	-	-	1	1	13	17	-	-	1	1	25	37
Georgia-----	-	-	-	1	159	30	-	7	-	3	1,103	79
Florida-----	-	-	-	-	143	21	-	-	-	10	182	170
EAST SOUTH CENTRAL ¹ -----	1	-	2	-	54	40	3	1	18	15	1,338	883
Kentucky-----	-	-	-	-	7	4	2	1	10	6	634	408
Tennessee-----	1	-	1	-	6	4	1	-	8	4	315	241
Alabama-----	-	-	1	-	11	20	-	-	-	3	288	177
Mississippi-----	-	-	-	-	130	12	-	-	-	2	1,101	57
WEST SOUTH CENTRAL-----	1	1	3	-	175	83	6	-	32	14	1,200	837
Arkansas-----	-	-	-	-	34	12	1	-	3	1	60	83
Louisiana-----	-	-	-	-	41	10	-	-	-	-	97	8
Oklahoma-----	-	-	-	-	2	22	-	-	1	-	162	111
Texas-----	1	1	3	-	98	39	5	-	28	13	881	635
MOUNTAIN ¹ -----	-	3	2	1	18	29	4	16	40	33	2,023	1,390
Montana-----	-	-	-	-	-	7	-	-	5	8	192	272
Idaho-----	-	1	-	-	-	1	-	1	10	4	213	111
Wyoming-----	-	-	-	-	-	2	1	-	-	1	46	7
Colorado-----	-	-	2	-	7	7	-	11	18	8	634	173
New Mexico-----	-	-	-	1	8	10	1	4	5	3	393	247
Arizona-----	-	-	-	-	12	2	-	-	-	7	1,389	350
Utah-----	-	2	-	-	-	-	2	-	1	2	136	132
Nevada-----	-	-	-	-	1	-	-	-	1	-	20	98
PACIFIC-----	1	-	-	2	12	9	4	27	58	82	2,747	2,018
Alaska-----	-	-	-	-	5	-	-	-	4	(1)	39	(67)
Washington-----	-	-	-	-	-	-	1	-	5	4	369	324
Oregon-----	-	-	-	2	3	5	1	5	12	15	551	283
California-----	1	-	-	-	4	4	2	22	37	63	1,788	1,411
Hawaii-----	-	-	-	-	2	-	-	-	1	-	33	48
Puerto Rico-----	-	-	-	2	20	34	-	-	3	6	204	105

¹Data exclude reports from South Dakota, Nebraska, Georgia, Florida, Mississippi, and Arizona.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 6, 1958, AND SEPTEMBER 5, 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	
	Total ²				Paralytic 080.0,080.1				Nonparalytic		085	
	35th week		Cumulative first 35 weeks		35th week		Cumulative first 35 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	503	318	4,471	2,505	276	152	2,791	1,206	177	124	994	1,271
NEW ENGLAND-----	42	3	160	52	27	2	107	23	11	1	48	56
Maine-----	1	-	3	2	1	-	3	2	-	-	10	19
New Hampshire-----	1	-	2	4	1	-	1	-	-	-	-	2
Vermont-----	-	-	1	2	-	-	1	1	-	-	1	1
Massachusetts-----	28	1	67	16	17	1	45	4	7	-	33	25
Rhode Island-----	-	-	3	2	-	-	3	2	-	-	-	-
Connecticut-----	12	2	84	26	8	1	54	14	4	1	4	9
MIDDLE ATLANTIC-----	53	44	294	293	27	30	160	165	24	9	115	146
New York-----	29	13	165	123	13	12	89	72	14	-	56	57
New Jersey-----	12	24	65	132	4	11	31	60	8	9	48	33
Pennsylvania-----	12	7	64	38	10	7	40	33	2	-	11	56
EAST NORTH CENTRAL-----	107	124	587	653	33	40	249	248	55	66	328	190
Ohio-----	27	18	159	111	12	6	69	29	12	1	41	30
Indiana-----	14	8	86	58	4	5	53	26	4	-	26	21
Illinois-----	22	26	118	92	10	4	61	23	5	21	68	40
Michigan-----	38	71	200	363	5	24	53	160	33	44	54	48
Wisconsin-----	6	1	24	29	2	1	13	10	1	-	139	51
WEST NORTH CENTRAL ¹ -----	106	24	942	150	49	10	457	64	38	11	22	123
Minnesota-----	14	-	100	11	11	-	80	5	3	-	5	-
Iowa-----	33	12	312	35	10	4	126	10	16	6	4	84
Missouri-----	40	6	295	47	21	3	165	27	14	3	1	32
North Dakota-----	-	4	3	23	-	3	-	17	-	1	12	5
South Dakota-----	-	-	18	6	-	-	1	1	-	-	-	1
Nebraska-----	-	1	194	12	-	-	152	2	-	1	-	1
Kansas-----	19	1	150	16	7	-	34	2	5	-	(*)	(*)
SOUTH ATLANTIC ¹ -----	69	51	680	443	53	28	505	211	13	15	38	156
Delaware-----	2	1	6	12	1	-	5	5	1	1	1	1
Maryland-----	-	2	9	8	-	2	9	7	-	-	6	14
District of Columbia-----	-	-	3	5	-	-	3	3	-	-	1	-
Virginia-----	29	14	180	73	23	12	126	55	6	2	3	78
West Virginia-----	14	16	76	79	12	10	61	47	2	6	11	10
North Carolina-----	18	2	137	61	14	-	113	17	4	2	1	4
South Carolina-----	6	1	46	12	3	-	25	6	-	-	15	-
Georgia-----	-	8	190	33	-	1	169	18	-	4	-	28
Florida-----	-	7	153	160	-	3	194	53	-	-	-	21
EAST SOUTH CENTRAL ¹ -----	41	15	492	180	21	4	370	62	19	8	78	91
Kentucky-----	-	2	31	26	-	1	28	18	-	1	31	5
Tennessee-----	24	9	207	61	8	1	151	16	15	6	47	64
Alabama-----	17	1	184	23	13	-	155	20	4	-	17	17
Mississippi-----	-	3	170	70	-	2	136	8	-	1	-	5
WEST SOUTH CENTRAL-----	39	33	784	422	29	26	524	258	10	7	158	144
Arkansas-----	17	-	185	11	14	-	156	9	3	-	2	1
Louisiana-----	9	1	99	44	7	1	70	32	2	-	1	3
Oklahoma-----	1	3	111	42	1	3	58	15	-	-	-	4
Texas-----	12	29	389	325	7	22	240	202	5	7	155	136
MOUNTAIN ¹ -----	7	7	111	114	3	1	63	56	2	2	50	218
Montana-----	1	-	7	41	-	-	2	31	1	-	-	106
Idaho-----	-	2	5	7	-	-	-	-	-	-	7	8
Wyoming-----	-	1	2	4	-	-	1	1	-	-	-	3
Colorado-----	2	1	12	12	1	-	10	8	1	1	33	39
New Mexico-----	3	1	27	22	2	-	14	7	-	1	9	38
Arizona-----	-	1	151	18	-	1	133	7	-	-	-	14
Utah-----	1	1	5	7	-	-	2	2	-	-	1	10
Nevada-----	-	-	2	3	-	-	1	-	-	-	-	-
PACIFIC-----	39	17	421	198	34	11	356	119	5	5	157	147
Alaska-----	-	-	12	(1)	-	-	7	(1)	-	-	36	(14)
Washington-----	17	1	82	15	17	-	82	3	-	-	22	22
Oregon-----	12	2	91	26	9	1	71	16	3	1	52	19
California-----	10	14	236	157	8	10	196	100	2	4	47	106
Hawaii-----	-	2	4	58	-	2	4	58	-	-	18	8
Puerto Rico-----	-	-	3	52	-	-	3	49	-	-	12	47

¹Data exclude reports from South Dakota, Nebraska, Georgia, Florida, Mississippi, and Arizona.
²Includes cases not specified by type, category number 080.3.

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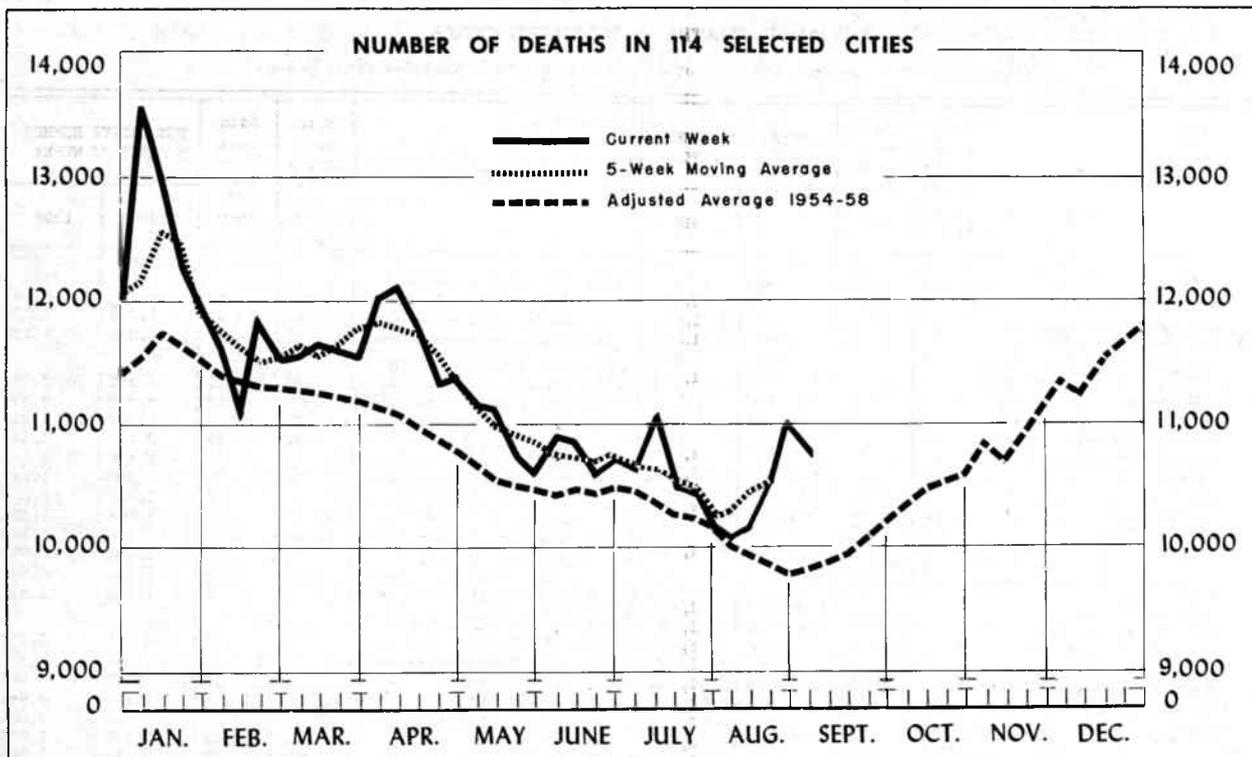
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 6, 1958, AND SEPTEMBER 5, 1959—Continued

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

AREA	MALARIA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117	057		340	096.2	35th week		Cumulative first 35 weeks		101	1959	1958
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	2	14	63	231	-	18	27	517	676	1	40	83
NEW ENGLAND-----	-	3	1	15	-	1	-	12	13	-	-	-
Maine-----	-	-	-	-	-	-	-	2	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	1	-	3 ¹	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	1	12	-	-	-	3	5	-	-	-
Rhode Island-----	-	1	-	2	-	1	-	2	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	5	5	-	-	-
MIDDLE ATLANTIC-----	-	2	1	6	-	2	3	48	78	-	15	12
New York-----	-	1	-	-	-	1	-	18	24	-	15	10
New Jersey-----	-	1	-	9 ⁶	-	-	1	10	16	-	-	-
Pennsylvania-----	-	-	1	-	-	1	2	20	38	-	-	2
EAST NORTH CENTRAL-----	-	4	15	114	-	3	5	68	70	-	2	13
Ohio-----	-	1	3	55	-	2	3	39	27	-	-	5
Indiana-----	-	-	-	19	-	-	2	8	12	-	1	2
Illinois-----	-	1	1	18	-	1	-	13	16	-	-	-
Michigan-----	-	2	7	21	-	-	-	7	9	-	-	1
Wisconsin-----	-	-	4	9 ¹	-	-	-	1	6	-	1	5
WEST NORTH CENTRAL ¹ -----	-	-	3	1	-	1	2	33	55	-	12	22
Minnesota-----	-	-	-	-	-	-	-	-	3	-	6	8
Iowa-----	-	-	-	-	-	-	2	2	11	-	1	4
Missouri-----	-	-	1	-	-	1	-	13	25	-	5	5
North Dakota-----	-	-	1	-	-	-	-	4	1	-	-	5
South Dakota-----	-	-	-	-	-	-	-	13	6	-	-	-
Nebraska-----	-	-	-	-	-	-	-	14	2	-	-	-
Kansas-----	-	-	1	1	-	-	-	7	7	-	-	-
SOUTH ATLANTIC ¹ -----	1	3	8	29	-	1	4	90	119	-	3	6
Delaware-----	-	1	1	-	-	-	-	5	5	-	-	-
Maryland-----	-	1	1	-	-	-	1	3	6	-	-	-
District of Columbia-----	-	-	2	3	-	1	-	3	6	-	-	-
Virginia-----	1	-	1	16	-	-	2	17	24	-	-	2
West Virginia-----	-	-	2	10	-	-	1	9	15	-	1	1
North Carolina-----	-	2	-	-	-	-	-	8	14	-	1	1
South Carolina-----	-	-	-	-	-	-	-	7	8	-	1	1
Georgia-----	-	-	1	-	-	-	-	22	25	-	-	3
Florida-----	-	-	-	-	-	-	-	21	16	-	-	-
EAST SOUTH CENTRAL ¹ -----	-	1	8	9	-	3	3	70	77	-	1	17
Kentucky-----	-	-	3	6	-	-	1	11	23	-	-	12
Tennessee-----	-	1	-	3	-	3	2	39	22	-	-	3
Alabama-----	-	-	4	-	-	-	-	7	13	-	1	2
Mississippi-----	-	-	1	-	-	-	-	13	19	-	-	-
WEST SOUTH CENTRAL-----	-	-	1	7	-	3	7	109	166	1	7	9
Arkansas-----	-	-	1	-	-	1	-	22	23	-	3	1
Louisiana-----	-	-	-	-	-	-	3	14	60	-	-	-
Oklahoma-----	-	-	-	-	-	-	-	15	7	-	-	-
Texas-----	-	-	-	7	-	2	4	58	76	1	4	8
MOUNTAIN ¹ -----	-	-	16	2	-	3	1	28	51	-	-	1
Montana-----	-	-	-	-	-	-	-	1	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	6	-	-	-
Wyoming-----	-	-	12	-	-	1	-	3	2	-	-	-
Colorado-----	-	-	2	2	-	-	1	4	6	-	-	-
New Mexico-----	-	-	-	-	-	2	-	11	18	-	-	-
Arizona-----	-	-	2	-	-	-	-	15	8	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	8	-	-	-
PACIFIC-----	1	1	10	48	-	1	2	59	47	-	-	1
Alaska-----	-	-	-	-	-	-	(1)	2	(1)	-	-	-
Washington-----	-	1	-	3	-	-	-	1	-	-	-	-
Oregon-----	1	-	1	2	-	-	2	5	9	-	-	-
California-----	-	-	8	34 ³	-	1	-	51	38	-	-	1
Hawaii-----	1	-	1	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	1	-	1	1	14	17	-	-	-

¹Data exclude reports from South Dakota, Nebraska, Georgia, Florida, Mississippi, and Arizona.

³Aseptic 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	35th week ended Sept. 5, 1959	34th week ended Aug. 29, 1959	Adjusted average, 35th week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 35 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 10,745	11,025	9,803	+9.6	² 393,796	390,614	+0.8
New England----- (14 cities)	² 671	663	623	+7.7	² 24,909	24,662	+1.0
Middle Atlantic----- (20 cities)	² 3,136	3,104	2,783	+12.7	² 114,353	112,732	+1.4
East North Central----- (19 cities)	² 2,434	2,573	2,127	+14.4	² 84,083	83,201	+1.1
West North Central----- (9 cities)	691	779	698	-1.0	27,350	27,549	-0.7
South Atlantic----- (11 cities)	927	908	814	+13.9	33,846	34,080	-0.7
East South Central----- (8 cities)	² 482	544	459	+5.0	² 17,941	18,310	-2.0
West South Central----- (13 cities)	895	916	817	+9.5	32,977	33,306	-1.0
Mountain----- (8 cities)	² 274	290	241	+13.7	² 11,024	10,375	+6.3
Pacific----- (12 cities)	1,235	1,248	1,205	+2.5	47,313	46,399	+2.0

¹Adjusted average used as base.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	35th week ended Sept. 5, 1959	34th week ended Aug. 29, 1959	CUMULATIVE NUMBER FIRST 35 WEEKS		AREA	35th week ended Sept. 5, 1959	34th week ended Aug. 29, 1959	CUMULATIVE NUMBER FIRST 35 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	226	228	8,466	8,510	St. Louis, Mo.-----	212	243	8,310	8,540
Bridgeport, Conn.-----	136	26	2,414	1,315	St. Paul, Minn.-----	44	62	2,268	2,538
Cambridge, Mass.-----	22	26	997	1,015	Wichita, Kans.-----	54	27	1,697	1,589
Fall River, Mass.-----	17	28	992	955	SOUTH ATLANTIC:				
Hartford, Conn.-----	55	44	1,740	1,750	Atlanta, Ga.-----	125	101	3,865	3,844
Lowell, Mass.-----	23	27	815	922	Baltimore, Md.-----	204	219	8,539	8,674
Lynn, Mass.-----	28	21	823	787	Charlotte, N. C.-----	33	37	1,284	1,227
New Bedford, Mass.-----	25	25	843	822	Jacksonville, Fla.-----	58	46	2,022	2,142
New Haven, Conn.-----	41	46	1,580	1,593	Miami, Fla.-----	76	61	2,474	2,560
Providence, R. I.-----	61	57	2,273	2,240	Norfolk, Va.-----	38	37	1,388	1,227
Somerville, Mass.-----	6	13	454	483	Richmond, Va.-----	76	87	2,751	2,659
Springfield, Mass.-----	42	40	1,571	1,474	Savannah, Ga.-----	39	30	1,164	1,154
Waterbury, Conn.-----	27	21	967	923	St. Petersburg, Fla.-----	(52)	(53)	(2,242)	(2,529)
Worcester, Mass.-----	62	61	1,974	1,873	Tampa, Fla.-----	48	66	2,196	2,384
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	42	40	1,884	1,708	Birmingham, Ala.-----	75	95	2,878	3,077
Allentown, Pa.-----	28	31	1,222	1,136	Chattanooga, Tenn.-----	33	47	1,592	1,707
Buffalo, N. Y.-----	141	134	5,096	5,243	Knoxville, Tenn.-----	31	31	1,025	964
Camden, N. J.-----	29	34	1,442	1,496	Louisville, Ky.-----	117	108	3,940	3,862
Elizabeth, N. J.-----	21	36	1,040	1,043	Memphis, Tenn.-----	96	141	3,948	4,061
Erie, Pa.-----	33	39	1,308	1,232	Mobile, Ala.-----	35	49	1,373	1,372
Jersey City, N. J.-----	59	74	2,619	2,482	Montgomery, Ala.-----	25	28	2,140	1,188
Newark, N. J.-----	100	108	3,520	3,354	Nashville, Tenn.-----	70	45	2,045	2,079
New York City, N. Y.-----	1,580	1,653	58,599	56,932	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	42	27	1,361	1,442	Austin, Tex.-----	19	37	1,112	1,165
Philadelphia, Pa.-----	522	466	17,514	17,777	Baton Rouge, La.-----	20	35	952	987
Pittsburgh, Pa.-----	233	133	6,586	6,774	Corpus Christi, Tex.-----	26	21	741	740
Reading, Pa.-----	17	25	787	758	Dallas, Tex.-----	125	114	4,120	4,058
Rochester, N. Y.-----	85	101	3,385	3,512	El Paso, Tex.-----	46	38	1,502	1,251
Schenectady, N. Y.-----	28	22	886	793	Fort Worth, Tex.-----	63	47	2,222	2,144
Scranton, Pa.-----	29	33	1,291	1,201	Houston, Tex.-----	129	143	5,421	5,551
Syracuse, N. Y.-----	50	51	2,177	2,180	Little Rock, Ark.-----	49	49	1,919	1,903
Trenton, N. J.-----	46	38	1,535	1,668	New Orleans, La.-----	164	167	5,886	6,192
Utica, N. Y.-----	29	23	979	942	Oklahoma City, Okla.-----	63	72	2,411	2,371
Yonkers, N. Y.-----	22	36	1,122	1,059	San Antonio, Tex.-----	89	101	3,379	3,440
EAST NORTH CENTRAL:					WEST SOUTH CENTRAL:				
Akron, Ohio-----	58	42	2,059	2,003	Shreveport, La.-----	63	41	1,801	1,743
Canton, Ohio-----	41	36	1,186	1,094	Tulsa, Okla.-----	39	51	1,711	1,761
Chicago, Ill.-----	734	856	26,630	26,560	MOUNTAIN:				
Cincinnati, Ohio-----	185	152	5,605	5,688	Albuquerque, N. Mex.-----	16	32	1,063	999
Cleveland, Ohio-----	184	227	7,315	7,319	Colorado Springs, Colo.-----	16	14	539	515
Columbus, Ohio-----	141	141	4,094	3,963	Denver, Colo.-----	98	128	4,059	3,923
Dayton, Ohio-----	70	72	2,352	2,531	Ogden, Utah-----	18	12	553	522
Detroit, Mich.-----	378	370	11,575	11,098	Phoenix, Ariz.-----	42	36	1,785	1,574
Evansville, Ind.-----	29	33	1,310	1,373	Pueblo, Colo.-----	13	15	482	441
Flint, Mich.-----	35	35	1,391	1,320	Salt Lake City, Utah-----	51	31	1,718	1,686
Fort Wayne, Ind.-----	39	40	1,272	1,233	Tucson, Ariz.-----	20	22	825	715
Gary, Ind.-----	24	23	1,069	1,127	PACIFIC:				
Grand Rapids, Mich.-----	136	45	2,477	1,447	Berkeley, Calif.-----	25	9	601	661
Indianapolis, Ind.-----	154	153	4,915	4,460	Fresno, Calif.-----	(36)	(48)	(1,406)	(1,352)
Madison, Wis.-----	---	(36)	---	(1,149)	Glendale, Calif.-----	(36)	(38)	(1,270)	(1,160)
Milwaukee, Wis.-----	126	115	4,471	4,627	Long Beach, Calif.-----	47	57	1,938	1,913
Peoria, Ill.-----	29	33	1,019	1,121	Los Angeles, Calif.-----	468	474	17,002	16,965
Rockford, Ill.-----	(21)	(21)	(975)	(923)	Oakland, Calif.-----	79	80	3,225	3,278
South Bend, Ind.-----	29	44	958	926	Pasadena, Calif.-----	25	26	1,112	1,225
Toledo, Ohio-----	98	102	3,505	3,469	Portland, Ore.-----	82	108	3,916	3,487
Youngstown, Ohio-----	44	54	1,880	1,842	Sacramento, Calif.-----	68	47	1,944	1,816
WEST NORTH CENTRAL:					PACIFIC:				
Des Moines, Iowa-----	49	51	1,869	1,911	San Diego, Calif.-----	79	86	2,857	2,857
Duluth, Minn.-----	21	13	885	881	San Francisco, Calif.-----	173	173	6,829	6,596
Kansas City, Kans.-----	40	44	1,253	902	San Jose, Calif.-----	(24)	(25)	(881)	(784)
Kansas City, Mo.-----	99	145	4,206	4,302	Seattle, Wash.-----	128	111	4,706	4,670
Lincoln, Nebr.-----	(21)	(27)	(904)	(875)	Spokane, Wash.-----	33	43	1,732	1,590
Minneapolis, Minn.-----	104	133	4,352	4,429	Tacoma, Wash.-----	28	34	1,451	1,341
Omaha, Nebr.-----	68	61	2,510	2,457	Honolulu, Hawaii-----	(30)	(50)	(1,326)	(1,284)

¹Estimated.

²Includes estimate for current week.

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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.