

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 20, 1958

The total number of cases of poliomyelitis reported for the week ended September 20 is 434; 220 of these were paralytic cases and 141 were nonparalytic. The corrected figures for last week are 394 total cases, 191 paralytic, and 156 nonparalytic. The total number of reported cases this week is about 10 percent higher than the previous week's figure, and the number of paralytic cases is about 15 percent higher. The total number of reported cases for the week ended September 21, 1957, was 212, of which 82 were paralytic and 93 nonparalytic. The cumulative total of paralytic cases is now above the cumulative figure for the same period last year.

The numbers of cases reported in the East and West North Central, South Atlantic, West South Central, and Pacific areas are all higher than the numbers reported for the previous week. However, about half of the total cases and about 40 percent of the paralytic cases were reported in the East North Central

area. In this area, Michigan continues to report a high number of cases—129 total with 58 paralytic cases. Onset of most of these cases occurred in the weeks ended September 5 (39 cases) and September 12 (56 cases). The number of cases reported in Ohio is continuing to increase; 46 cases were reported this week compared with 38 last week. The number of paralytic cases has decreased slightly, however. The cases in Ohio have been distributed over most of the State.

In the last 10 years, 1948-57, the peak week of total cases occurred in September six times and in August four times. In 4 years the peak was reached in the third week of September, once in the first week, and once in the second week. In the other 4 years the peak occurred the third week of August three times, and once in the fourth week. The peak week of paralytic cases since 1954 has occurred once each in the third and fourth

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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	38th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 20, 1958 ¹	Ended Sept. 21, 1957	Median 1953-57	First 38 weeks			Since seasonal low week			
				1958 ⁴	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	21	1	1	12	16	22	(³)	(³)	(³)	(³)
Botulism-----049.1	-	-	-	3	11	8	(³)	(³)	(³)	(³)
Brucellosis (undulant fever)-----044	16	15	25	599	717	975	(³)	(³)	(³)	(³)
Diphtheria-----055	28	34	36	481	699	1,090	131	235	332	July 1
Encephalitis, infectious-----082	116	46	46	4,660	1,339	1,339	4,051	779	763	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	243	237	517	11,386	11,731	23,626	791	721	1,365	Sept. 1
Malaria-----110-117	1	4	13	53	116	345	(³)	(³)	(³)	(³)
Measles-----085	1,102	862	849	713,921	452,366	528,577	3,558	2,712	2,486	Sept. 1
Meningococcal infections-----057	65	42	42	1,955	1,796	2,715	183	111	118	Sept. 1
Meningitis, other-----340	5115	41	---	2,636	1,741	---	---	---	---	---
Poliomyelitis-----080	434	212	1,949	3,367	4,614	20,289	3,148	4,088	19,148	Apr. 1
Paralytic-----080.0, 080.1	220	82	---	1,635	1,472	---	1,514	1,198	---	Apr. 1
Nonparalytic-----080.2	141	93	---	1,237	2,398	---	1,169	2,235	---	Apr. 1
Unspecified-----080.3	73	37	---	495	744	---	465	655	---	Apr. 1
Psittacosis-----096.2	-	7	4	111	201	201	(³)	(³)	(³)	(³)
Rabies in man-----094	-	-	-	2	4	5	(³)	(³)	(³)	(³)
Typhoid fever-----040	33	25	56	755	964	1,385	578	707	1,073	Apr. 1
Typhus fever, endemic-----101	-	4	4	57	95	102	45	70	86	Apr. 1
Rabies in animals-----	68	75	92	3,528	3,340	3,968	4,343	4,304	5,333	Oct. 1

¹Data exclude report from Idaho for the current week.

²Reported in Mississippi.

³Data show no pronounced seasonal change in incidence.

⁴Includes revised report from Colorado for week ended September 6.

⁵Includes

19 cases of aseptic meningitis: 4 in the District of Columbia, 10 in Florida, 4 in Maryland, and 1 in Wisconsin.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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weeks of August and third and fourth weeks of September. The peak week for total cases and for paralytic cases usually does not coincide.

The 15 cases of diphtheria reported in Louisiana this week make 24 cases reported there in the last 2 weeks. The 9 cases reported last week all occurred in Orleans Parish.

A total of 116 cases of infectious encephalitis was reported for the current week; 30 in Kansas, 17 in California, 10 in Georgia, 9 in Nebraska, 7 in Ohio, and 6 in Texas. The report for Kansas showed that 1 of the 30 had been confirmed as western equine and 1 as St. Louis encephalitis, 2 as mumps encephalitis, and 26 as unknown etiology. Four cases reported as "meningococcal encephalitis" were placed in the category of meningococcal infections.

The California Department of Public Health reports that 3 new cases of arthropod-borne encephalitis were confirmed during the 2-week period ended September 18. In the 2 preceding 2-week periods 12 and 10 cases had been confirmed. The 3 new cases were diagnosed as western equine encephalitis infections making a total of 31 confirmed cases of this disease. Three cases of St. Louis encephalitis have been confirmed this year. One of the 3 cases of western equine encephalitis was presumably contracted in Santa Clara County which is outside of the usual endemic area for arthropod-borne encephalitis, but the individual was reported to have been in Utah during the summer although the exact dates of his stay were not known.

The Colorado Communicable Disease Summary for the week ended September 6 contains a report that 4 cases of arthropod-borne encephalitis have been confirmed as the western equine type. Four other cases have been ruled out by laboratory tests as cases of arthropod-borne encephalitis.

EPIDEMIOLOGICAL REPORTS

Acute cephalgia syndrome

More information has been received from the California State Department of Public Health regarding the occurrence of an illness described as an acute cephalgia syndrome. (See Morbidity and Mortality Weekly Report for the week ended August 9.) Studies have shown that cases have been occurring in different parts of the State. Reports indicate that the usual pattern of incidence in a community has been a few sporadic cases for a 2- to 3-week period, followed by a sudden, rapid increase in incidence involving many of the adolescents and young adults of the community. The period of high incidence of new cases lasts from 3 to 4 weeks and then abruptly tapers off to a few sporadic new cases each week. Most of those who have been ill are urban dwellers, usually in close personal contact with other persons. A common symptom is the intense headache which occurs after a prodromal period of 12 to 24 hours. A maculopapular rash on the upper part of the body occurs in some cases.

Based on the interval between cases in the same family, the incubation period of the disease appears to be between 3 and 7 days. No evidence of transmission by an insect vector, food, or water has yet been discovered. To date there have been no reports of convalescent sequelae or deaths associated with the illness. Routine blood and urine examinations have revealed no significant deviations from normal. Spinal fluid examinations have revealed pleocytosis of 500 to 1,500 cells; lymphocytes predominate. Serologic examinations of acute and convalescent blood samples have been negative or inconclusive for mumps, St. Louis and western equine encephalitis, influenza A and influenza B. Examination of stool specimens for virus isolation has given negative results.

Tetanus

Information from Dr. Ian D. McLaren, Commissioner of Health, Cattaraugus County, New York, tells of a case of tetanus in a 22-year-old male. The diagnosis was made in consultation with several physicians but no laboratory confirmation was obtained. The man stated he had injured his finger with a knife in February or March, 1958. The case was reported in September. The symptoms included pain in the back, stiffness of the back, difficulty in swallowing and movement of the jaws, aching in the arms, stiff poker-like legs, and terrific spasms. The individual's mother reported that, to her knowledge, he had had no tetanus inoculations. She thought he had been inoculated for diphtheria and typhoid. He was treated with tetanus antitoxin and is reported to be well.

Salmonellosis

Dr. Raymond F. McAteer, Rhode Island Department of Health, has supplied information about 4 cases of food poisoning among 23 persons who attended a christening. One person was hospitalized. The symptoms were nausea, vomiting, diarrhea, chills, fever, severe abdominal cramps, and prostration. The vehicle of infection was believed to be a lemon pie filling, but none of the pie was available for laboratory examination. Stool specimens from all 4 cases and from the individual who prepared the pie were positive for Salmonella organisms of serologic type D.

Bacillary dysentery

Information has been received from Dr. C. K. Kincaid, Commissioner of Health, Madison, Wisconsin, of an outbreak of bacillary dysentery affecting 17 of 22 persons in 5 families during the period July 8 to July 28. Six adults and 11 children were ill. Stool specimens were obtained from all 17 persons, and from 7 Shigella sonnei was isolated. In the first family, 5 of 6 persons were ill but stool specimens from all 5 were negative. Previous to the illnesses they had visited in another town and lived with a family in which dysentery was occurring. Sixteen of the 17 persons with symptoms had been in the home of the first family on several occasions. The 17th person had similar exposure to an intermediate case. The course of the illnesses varied from 1 to 10 days. Clinical signs included fever, nausea and vomiting, diarrhea, tenesmus, and dehydration. Two persons suffered recurrence of symptoms 20 days after the original onset of illness; these were considered possible re-infections. Two individuals were hospitalized; there were no deaths. No other cases could be found in the neighborhood, nor in the city, within 40 days following the illness in the last case.

Staphylococcal food poisoning

Dr. Ralph H. Heeren, Iowa State Department of Health, has reported an outbreak of staphylococcal food poisoning. Two hundred persons of a group of 900 became ill 3 to 4 hours after eating an evening meal. The illness was characterized by sudden onset, nausea, abdominal pain, repeated vomiting, diarrhea, exhaustion, and prompt recovery. The outbreak is being investigated, and suspect foods are being examined.

Psittacosis

Dr. Linus J. Leavens, Vermont Department of Health, has reported a case of psittacosis in a 46-year-old white woman. She developed a lingering cold about March 25 and became acutely ill in May and was hospitalized. Her acute illness included symptoms of fever, chills, generalized aching, malaise, head-

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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 21, 1957, AND SEPTEMBER 20, 1958
(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, INFECTIONOUS 082		HEPATITIS, INFECTIONOUS, AND SERUM 092, N998.5 pt.			
			38th week		Cumulative first 38 weeks				38th week		Cumulative first 38 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	16	15	28	34	481	699	116	46	243	237	11,386	11,731
NEW ENGLAND-----	-	-	-	-	5	20	2	1	17	16	414	648
Maine-----	-	-	-	-	-	3	-	-	2	5	53	204
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	3	-	18	86
Massachusetts-----	-	-	-	-	4	17	-	-	6	6	204	192
Rhode Island-----	-	-	-	-	-	-	2	1	-	1	49	60
Connecticut-----	-	-	-	-	1	-	-	-	6	4	88	98
MIDDLE ATLANTIC-----	-	-	2	-	35	57	5	7	26	53	1,442	1,853
New York-----	-	-	1	-	16	30	5	7	16	33	980	1,129
New Jersey-----	-	-	-	-	2	9	-	-	2	4	115	233
Pennsylvania-----	-	-	1	-	17	18	-	-	8	16	347	491
EAST NORTH CENTRAL-----	-	2	-	1	30	41	9	11	30	36	1,968	2,001
Ohio-----	-	-	-	-	6	11	7	2	8	14	619	511
Indiana-----	-	-	-	1	14	10	-	6	4	3	179	284
Illinois-----	-	-	-	-	4	3	1	2	5	5	470	443
Michigan-----	-	-	-	-	5	15	1	1	9	4	542	544
Wisconsin-----	-	2	-	-	1	2	-	-	4	10	158	219
WEST NORTH CENTRAL-----	5	8	3	1	77	55	46	5	18	10	924	691
Minnesota-----	-	-	-	1	30	22	-	-	1	7	125	243
Iowa-----	3	6	-	-	13	7	5	1	2	-	174	164
Missouri-----	-	-	-	-	14	1	1	-	5	1	185	115
North Dakota-----	-	-	-	-	3	3	-	2	7	-	156	90
South Dakota-----	-	-	-	-	5	6	1	-	-	-	10	34
Nebraska-----	-	-	2	-	10	10	9	-	3	2	59	22
Kansas-----	2	2	1	-	2	6	30	2	-	-	215	23
SOUTH ATLANTIC-----	2	-	5	13	122	230	14	1	29	14	829	897
Delaware-----	-	-	-	-	-	-	-	-	1	1	40	8
Maryland-----	-	-	-	-	3	2	-	-	5	1	94	85
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	10
Virginia-----	1	-	-	1	15	12	-	-	8	3	211	349
West Virginia-----	-	-	-	-	9	5	-	-	4	2	119	77
North Carolina-----	-	-	1	-	16	27	3	1	1	3	42	84
South Carolina-----	-	-	-	-	6	20	66	-	-	-	37	26
Georgia-----	1	-	-	4	32	52	10	-	3	1	88	98
Florida-----	-	-	4	2	27	66	1	-	7	3	186	160
EAST SOUTH CENTRAL-----	-	3	1	9	47	100	6	4	18	17	935	1,536
Kentucky-----	-	-	-	-	4	14	1	4	7	9	429	654
Tennessee-----	-	2	-	-	7	10	2	-	7	4	261	574
Alabama-----	-	1	1	5	21	42	2	-	1	4	180	200
Mississippi-----	-	-	-	4	15	34	1	-	3	-	65	108
WEST SOUTH CENTRAL-----	4	2	16	9	114	137	8	8	17	30	902	919
Arkansas-----	2	-	4	12	16	-	-	-	3	1	88	67
Louisiana-----	1	1	15	1	35	13	-	-	-	1	9	49
Oklahoma-----	-	-	-	-	25	18	2	1	-	6	115	109
Texas-----	1	1	1	4	42	90	6	7	14	22	690	694
MOUNTAIN ¹ -----	2	-	1	-	42	26	7	-	26	13	1,780	1,006
Montana-----	-	-	-	-	15	9	1	-	10	2	290	144
Idaho-----	-	-	-	-	12	1	-	-	-	-	114	81
Wyoming-----	-	-	-	-	2	1	-	-	-	-	9	45
Colorado-----	-	-	-	-	7	2	3	-	4	1	182	159
New Mexico-----	-	-	-	-	12	9	1	-	1	4	260	327
Arizona-----	-	-	1	-	4	3	1	-	8	2	684	180
Utah-----	1	-	-	-	-	1	-	-	3	4	141	42
Nevada-----	1	-	-	-	-	-	1	-	-	-	100	28
PACIFIC-----	3	-	-	1	9	33	19	9	62	48	2,192	2,180
Washington-----	-	-	-	1	-	23	-	-	6	6	363	294
Oregon-----	-	-	-	-	5	2	2	-	16	9	314	407
California-----	3	-	-	-	4	8	17	9	40	33	1,515	1,479
Alaska-----	-	-	-	-	-	-	-	-	-	4	74	71
Hawaii-----	-	-	-	-	-	-	-	1	1	7	52	42
Puerto Rico-----	-	-	1	-	38	38	-	-	-	2	111	124

¹Data exclude report from Idaho 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 21, 1957, AND SEPTEMBER 20, 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 ²				Paralytic		Nonparalytic		110-117		085	
	38th week		Cumulative first 38 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	434	212	3,367	4,614	220	82	141	93	1	4	1,102	862
NEW ENGLAND-----	8	2	70	66	6	2	2	-	-	-	126	38
Maine-----	-	-	2	6	-	-	-	-	-	-	8	7
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	3	-
Vermont-----	-	-	4	4	-	-	-	-	-	-	8	1
Massachusetts-----	2	1	23	20	1	1	1	1	-	-	99	19
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	4	-
Connecticut-----	6	1	34	32	5	1	1	-	-	-	4	11
MIDDLE ATLANTIC-----	58	11	422	251	33	3	18	5	-	-	124	121
New York-----	19	5	170	153	9	3	10	1	-	-	54	82
New Jersey-----	28	6	191	63	13	-	8	4	-	-	26	17
Pennsylvania-----	11	-	61	35	11	-	-	-	-	-	44	22
EAST NORTH CENTRAL-----	212	80	1,053	1,184	82	17	83	41	-	-	293	179
Ohio-----	46	9	196	200	15	-	8	-	-	-	48	30
Indiana-----	10	5	77	127	2	-	2	4	-	-	17	9
Illinois-----	25	18	134	267	7	6	12	6	-	-	46	-
Michigan-----	129	42	612	392	58	8	61	29	-	-	107	30
Wisconsin-----	2	6	34	198	-	3	-	2	-	-	75	110
WEST NORTH CENTRAL-----	36	16	214	381	13	8	15	5	-	2	62	34
Minnesota-----	2	2	17	39	2	2	-	-	-	-	3	1
Iowa-----	5	9	50	71	-	3	4	5	-	1	20	8
Missouri-----	17	2	69	100	8	2	6	-	-	1	24	15
North Dakota-----	5	1	31	9	2	-	2	-	-	-	13	7
South Dakota-----	-	-	6	37	-	-	-	-	-	-	1	1
Nebraska-----	4	1	19	68	1	1	3	-	-	-	1	2
Kansas-----	3	1	22	57	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	46	28	537	625	29	14	8	12	-	-	89	86
Delaware-----	1	-	15	4	1	-	-	-	-	-	2	2
Maryland-----	2	1	10	11	1	1	1	-	-	-	10	7
District of Columbia-----	-	6	5	47	-	5	-	-	-	-	4	-
Virginia-----	5	5	82	74	5	2	-	3	-	-	30	19
West Virginia-----	17	1	107	25	14	-	1	-	-	-	18	14
North Carolina-----	5	4	79	182	2	-	3	4	-	-	5	8
South Carolina-----	1	5	16	106	1	3	-	2	-	-	-	35
Georgia-----	3	2	37	65	3	1	-	1	-	-	16	1
Florida-----	12	4	186	111	2	2	3	2	-	-	4	-
EAST SOUTH CENTRAL-----	11	19	208	314	7	12	3	4	-	-	86	87
Kentucky-----	4	6	36	76	4	5	-	1	-	-	21	16
Tennessee-----	2	6	68	108	1	3	1	3	-	-	57	58
Alabama-----	1	7	28	40	-	4	-	-	-	-	1	12
Mississippi-----	4	-	76	90	2	-	2	-	-	-	7	1
WEST SOUTH CENTRAL-----	37	18	491	944	28	9	9	6	-	1	82	115
Arkansas-----	4	1	16	52	4	1	-	-	-	1	4	-
Louisiana-----	7	4	57	151	4	2	3	2	-	-	1	-
Oklahoma-----	3	5	48	105	-	1	3	1	-	-	-	23
Texas-----	23	8	370	636	20	5	3	3	-	-	77	92
MOUNTAINE ¹ -----	9	7	139	195	6	3	2	3	1	-	118	102
Montana-----	3	1	55	10	2	1	-	-	-	-	13	45
Idaho-----	-	-	19	19	-	-	-	-	-	-	-	13
Wyoming-----	-	1	4	12	-	-	-	1	-	-	1	3
Colorado-----	1	1	13	35	1	-	-	1	-	-	53	-
New Mexico-----	2	2	25	45	2	1	-	-	-	-	11	10
Arizona-----	2	2	21	41	-	1	2	1	1	-	27	23
Utah-----	-	-	8	29	-	-	-	-	-	-	11	8
Nevada-----	1	-	4	4	1	-	-	-	-	-	2	-
PACIFIC-----	17	31	233	654	16	14	1	17	-	1	122	100
Washington-----	-	-	17	9	-	-	-	-	-	-	30	24
Oregon-----	3	1	30	37	3	-	-	1	-	-	27	17
California-----	14	30	186	608	13	14	1	16	-	1	65	59
Alaska-----	1	-	2	3	-	-	1	-	-	-	11	2
Hawaii-----	1	1	64	5	1	1	-	-	-	-	11	-
Puerto Rico-----	-	2	53	28	-	2	-	-	-	-	38	47

¹Data exclude report from Idaho for the current week.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, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 21, 1957, AND SEPTEMBER 20, 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		38th week		Cumulative first 38 weeks		101		
	1958	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES ¹ -----	65	42	115	-	7	33	25	755	964	-	68	75
NEW ENGLAND -----	3	2	9	-	1	-	-	15	19	-	-	-
Maine-----	2	-	-	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	8	-	1	-	-	7	8	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	1	4	-	-	-
Connecticut-----	-	1	-	-	-	-	-	5	3	-	-	-
MIDDLE ATLANTIC -----	3	-	-	-	2	6	1	87	95	-	11	8
New York-----	1	-	-	-	1	1	-	27	39	-	11	8
New Jersey-----	1	-	-	-	-	-	-	17	19	-	-	-
Pennsylvania-----	1	-	-	-	1	5	1	43	37	-	-	-
EAST NORTH CENTRAL -----	29	12	38	-	3	7	5	78	131	-	10	18
Ohio-----	4	1	-	-	-	1	3	29	54	-	-	13
Indiana-----	-	1	8	-	-	1	-	13	38	-	3	1
Illinois-----	2	2	29	-	-	4	1	20	18	-	2	2
Michigan-----	15	3	-	-	-	1	1	10	11	-	1	-
Wisconsin-----	8	5	³ 1	-	3	-	-	6	10	-	4	2
WEST NORTH CENTRAL -----	13	4	1	-	-	2	3	63	72	-	14	18
Minnesota-----	-	1	-	-	-	-	-	3	5	-	8	8
Iowa-----	-	-	-	-	-	-	-	12	18	-	2	4
Missouri-----	1	1	1	-	-	1	2	30	38	-	3	4
North Dakota-----	1	-	-	-	-	1	-	2	1	-	1	1
South Dakota-----	-	1	-	-	-	-	1	6	5	-	-	-
Nebraska-----	5	-	-	-	-	-	-	2	2	-	-	1
Kansas-----	6	1	-	-	-	-	-	8	5	-	-	-
SOUTH ATLANTIC -----	5	9	32	-	1	5	5	131	188	-	10	6
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	1	-	⁴ 5	-	-	-	-	6	7	-	-	-
District of Columbia-----	-	-	⁴ 5	-	-	-	-	6	8	-	-	-
Virginia-----	-	1	8	-	1	2	-	29	36	-	2	3
West Virginia-----	-	-	-	-	-	2	1	17	44	-	-	-
North Carolina-----	2	4	-	-	-	-	-	15	11	-	-	-
South Carolina-----	1	1	-	-	-	-	3	9	17	-	2	-
Georgia-----	-	-	2	-	-	-	-	26	25	-	5	3
Florida-----	1	3	⁵ 12	-	-	1	1	18	39	-	1	-
EAST SOUTH CENTRAL -----	3	5	15	-	-	5	2	85	147	-	11	9
Kentucky-----	1	-	1	-	-	1	-	26	46	-	3	5
Tennessee-----	-	-	14	-	-	2	1	25	59	-	3	-
Alabama-----	-	5	-	-	-	-	1	13	12	-	5	4
Mississippi-----	2	-	-	-	-	2	-	21	30	-	-	-
WEST SOUTH CENTRAL -----	-	5	12	-	-	4	6	188	210	-	7	8
Arkansas-----	-	-	-	-	-	-	2	24	36	-	3	-
Louisiana-----	-	1	-	-	-	1	1	71	48	-	-	2
Oklahoma-----	-	1	1	-	-	-	-	8	24	-	-	4
Texas-----	-	3	11	-	-	3	3	85	102	-	4	2
MOUNTAIN ¹ -----	3	2	2	-	-	1	1	54	40	-	-	-
Montana-----	1	1	1	-	-	-	-	3	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	¹ 6	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	3	2	-	-	-
Colorado-----	-	1	-	-	-	1	-	7	11	-	-	-
New Mexico-----	-	-	1	-	-	-	-	19	13	-	-	-
Arizona-----	1	-	-	-	-	-	-	8	7	-	-	-
Utah-----	1	-	-	-	-	-	1	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC -----	6	3	6	-	-	3	2	54	62	-	5	8
Washington-----	-	-	-	-	-	-	-	3	3	-	-	-
Oregon-----	-	1	6	-	-	-	-	9	5	-	-	-
California-----	6	2	-	-	-	3	2	42	54	-	5	8
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	19	15	-	-	-

¹Data exclude report from Idaho for the current week.

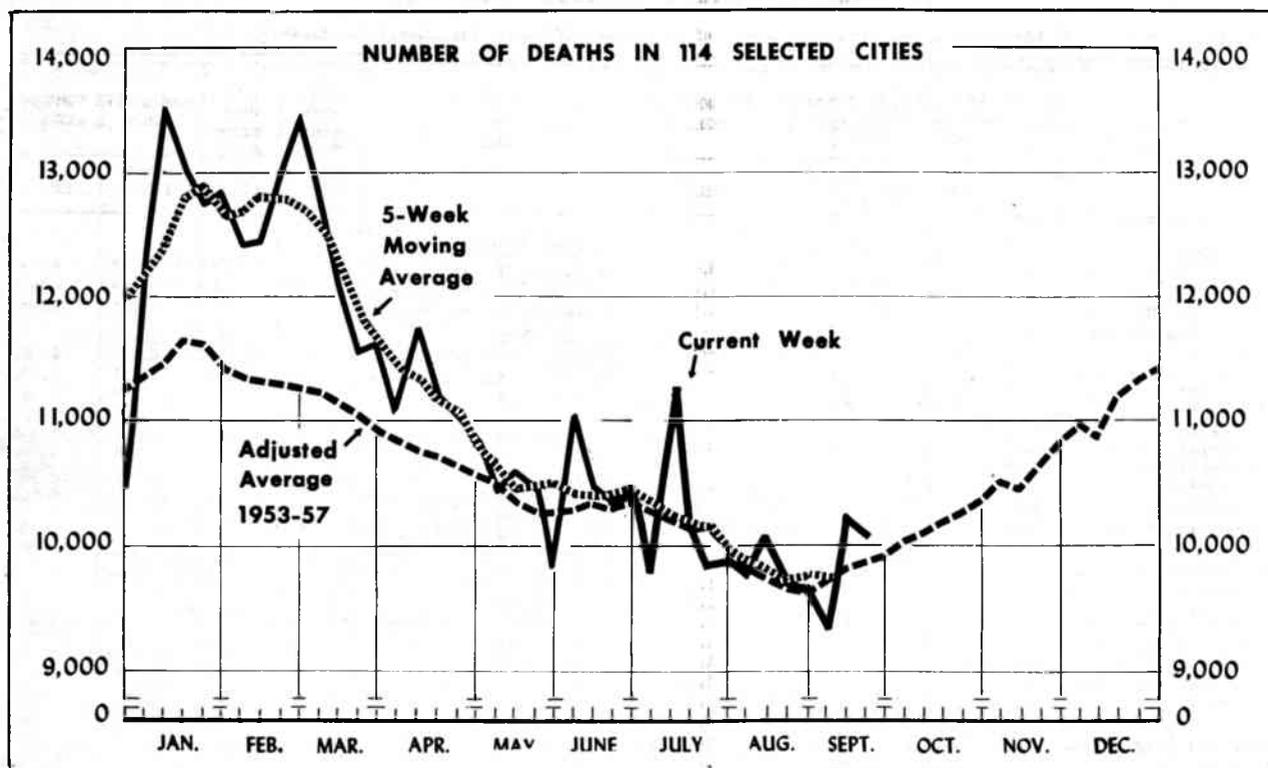
³Aseptic meningitis.

⁴Includes 4 cases of aseptic meningitis.

⁵Includes 10 cases of aseptic meningitis.

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

Morbidity and Mortality Weekly Report



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	38th week ended Sept. 20, 1958	37th week ended Sept. 13, 1958	Adjusted average, 38th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 38 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,052	10,249	9,877	+1.8	423,074	407,386	+3.9
New England----- (14 cities)	632	630	629	+0.5	26,695	26,213	+1.8
Middle Atlantic----- (20 cities)	2,957	2,841	2,875	+2.9	121,989	117,954	+3.4
East North Central----- (19 cities)	2,124	2,185	2,161	-1.7	90,109	87,721	+2.7
West North Central----- (9 cities)	738	709	704	+4.8	29,900	29,000	+3.1
South Atlantic----- (11 cities)	772	939	805	-4.1	36,814	34,274	+7.4
East South Central----- (8 cities)	471	480	453	+4.0	19,777	18,270	+8.2
West South Central----- (13 cities)	808	942	775	+4.3	36,124	34,218	+5.6
Mountain----- (8 cities)	286	298	226	+26.5	11,309	10,191	+11.0
Pacific----- (12 cities)	1,264	1,225	1,199	+5.4	50,357	49,545	+1.6

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

AREA	38th week ended Sept. 20, 1958	37th week ended Sept. 13, 1958	CUMULATIVE NUMBER FIRST 38 WEEKS		AREA	38th week ended Sept. 20, 1958	37th week ended Sept. 13, 1958	CUMULATIVE NUMBER FIRST 38 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	229	184	9,215	8,850	St. Louis, Mo.-----	236	235	9,523	9,006
Bridgeport, Conn.-----	37	41	1,425	1,420	St. Paul, Minn.-----	63	52	2,749	2,504
Cambridge, Mass.-----	24	26	1,089	1,139	Wichita, Kans.-----	39	42	1,723	1,666
Fall River, Mass.-----	25	23	1,038	1,025	SOUTH ATLANTIC:				
Hartford, Conn.-----	34	38	1,900	1,838	Atlanta, Ga.-----	101	112	4,180	4,081
Lowell, Mass.-----	15	25	993	1,065	Baltimore, Md.-----	193	230	9,408	9,000
Lynn, Mass.-----	18	24	848	777	Charlotte, N. C.-----	37	33	1,342	1,243
New Bedford, Mass.-----	15	24	893	916	Jacksonville, Fla.-----	36	52	2,286	2,042
New Haven, Conn.-----	40	46	1,727	1,745	Miami, Fla.-----	45	62	2,735	1,888
Providence, R. I.-----	56	65	2,424	2,333	Norfolk, Va.-----	30	43	1,350	1,362
Somerville, Mass.-----	16	17	530	510	Richmond, Va.-----	58	78	2,861	2,829
Springfield, Mass.-----	36	42	1,602	1,566	Savannah, Ga.-----	33	34	1,251	1,112
Waterbury, Conn.-----	24	21	999	953	St. Petersburg, Fla.-----	(42)	(73)	(2,513)	---
Worcester, Mass.-----	43	44	2,012	2,056	Tampa, Fla.-----	52	46	2,561	2,354
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	42	50	1,849	1,855	Birmingham, Ala.-----	77	77	3,312	2,961
Allentown, Pa.-----	34	30	1,241	1,416	Chattanooga, Tenn.-----	46	44	1,840	1,747
Buffalo, N. Y.-----	139	156	5,683	5,581	Knoxville, Tenn.-----	20	19	1,047	1,034
Camden, N. J.-----	34	39	1,617	1,513	Louisville, Ky.-----	103	91	4,167	3,956
Elizabeth, N. J.-----	21	44	1,153	1,070	Memphis, Tenn.-----	125	107	4,411	4,042
Erie, Pa.-----	31	35	1,350	1,347	Mobile, Ala.-----	26	37	1,473	1,347
Jersey City, N. J.-----	54	50	2,673	2,554	Montgomery, Ala.-----	22	45	1,289	948
Newark, N. J.-----	84	75	3,620	3,651	Nashville, Tenn.-----	52	60	2,236	2,235
New York City, N. Y.-----	1,508	1,409	61,693	59,513	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	33	41	1,558	1,464	Austin, Tex.-----	28	35	1,253	1,123
Philadelphia, Pa.-----	497	391	19,148	18,231	Baton Rouge, La.-----	26	22	1,077	951
Pittsburgh, Pa.-----	161	186	7,270	6,767	Corpus Christi, Tex.-----	24	21	794	800
Reading, Pa.-----	19	15	811	860	Dallas, Tex.-----	114	111	4,402	4,120
Rochester, N. Y.-----	87	93	3,807	3,610	El Paso, Tex.-----	26	39	1,359	1,179
Schenectady, N. Y.-----	16	22	859	891	Fort Worth, Tex.-----	59	51	2,315	2,345
Scranton, Pa.-----	42	43	1,322	1,409	Houston, Tex.-----	111	186	6,034	5,670
Syracuse, N. Y.-----	61	63	2,372	2,194	Little Rock, Ark.-----	46	51	2,071	2,027
Trenton, N. J.-----	49	44	1,803	1,677	New Orleans, La.-----	144	153	6,727	6,566
Utica, N. Y.-----	21	28	1,010	1,187	Oklahoma City, Okla.-----	60	74	2,584	2,340
Yonkers, N. Y.-----	24	27	1,150	1,124	San Antonio, Tex.-----	94	88	3,728	3,606
EAST NORTH CENTRAL:					WEST SOUTH CENTRAL:				
Akron, Ohio-----	42	44	2,160	2,016	Shreveport, La.-----	55	56	1,892	1,756
Canton, Ohio-----	21	40	1,187	1,164	Tulsa, Okla.-----	31	55	1,888	1,755
Chicago, Ill.-----	649	632	28,671	28,271	MOUNTAIN:				
Cincinnati, Ohio-----	155	148	6,162	5,706	Albuquerque, N. Mex.-----	30	29	1,090	976
Cleveland, Ohio-----	194	222	7,933	7,819	Colorado Springs, Colo.-----	12	16	556	514
Columbus, Ohio-----	103	110	4,291	4,228	Denver, Colo.-----	117	107	4,277	4,177
Dayton, Ohio-----	64	79	2,765	2,708	Ogden, Utah-----	11	14	567	466
Detroit, Mich.-----	302	314	12,095	12,174	Phoenix, Ariz.-----	37	45	1,707	1,137
Evansville, Ind.-----	31	27	1,485	1,187	Pueblo, Colo.-----	17	19	490	485
Flint, Mich.-----	40	29	1,427	1,394	Salt Lake City, Utah-----	42	50	1,830	1,663
Fort Wayne, Ind.-----	17	35	1,321	1,334	Tucson, Ariz.-----	20	18	792	773
Gary, Ind.-----	27	18	1,207	1,092	PACIFIC:				
Grand Rapids, Mich.-----	33	31	1,565	1,532	Berkeley, Calif.-----	17	16	716	723
Indianapolis, Ind.-----	140	153	4,878	4,450	Fresno, Calif.-----	(35)	(43)	(1,471)	---
Madison, Wis.-----	---	(38)	---	(1,206)	Glendale, Calif.-----	---	(36)	---	---
Milwaukee, Wis.-----	129	106	4,991	4,893	Long Beach, Calif.-----	42	51	2,078	2,039
Peoria, Ill.-----	20	34	1,198	1,102	Los Angeles, Calif.-----	473	417	18,353	17,910
Rockford, Ill.-----	(24)	(13)	(992)	(951)	Oakland, Calif.-----	71	76	3,539	3,577
South Bend, Ind.-----	18	22	1,001	982	Pasadena, Calif.-----	37	42	1,343	1,344
Toledo, Ohio-----	85	97	3,772	3,592	Portland, Oreg.-----	94	92	3,794	3,634
Youngstown, Ohio-----	54	44	2,000	2,077	Sacramento, Calif.-----	54	46	1,991	1,933
WEST NORTH CENTRAL:					PACIFIC:				
Des Moines, Iowa-----	48	41	2,062	2,051	San Diego, Calif.-----	80	73	3,093	3,000
Duluth, Minn.-----	26	25	953	983	San Francisco, Calif.-----	181	196	7,162	7,230
Kansas City, Kans.-----	45	32	1,007	1,110	San Jose, Calif.-----	(21)	(24)	(858)	---
Kansas City, Mo.-----	104	100	4,629	4,441	Seattle, Wash.-----	130	123	5,070	4,943
Lincoln, Nebr.-----	(18)	(37)	(951)	---	Spokane, Wash.-----	45	52	1,746	1,733
Minneapolis, Minn.-----	113	114	4,803	4,676	Tacoma, Wash.-----	40	41	1,472	1,479
Omaha, Nebr.-----	64	66	2,651	2,563	Honolulu, Hawaii-----	(36)	(38)	(1,395)	(1,461)

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

EPIDEMIOLOGICAL REPORTS—Continued

ache and a productive cough. On admission to the hospital her temperature was 105° F. The Mantoux and histoplasmin skin tests were negative. Blood serum specimens showed a rise in titer compatible with recent infection by psittacine virus. Two complement fixation titers, 5 days apart, were 1:32 and 1:64. After treatment the woman rapidly became afebrile and asymptomatic. She had purchased a parakeet in December 1957. The bird was apparently well until the last week of March 1958, when the bird became ill. It was chloroformed about April 15. Another parakeet purchased a week later became ill May 15 and was chloroformed the following week.

The woman's husband, aged 50, became ill May 18 with upper respiratory symptoms persisting for a few weeks. He did not consult a physician. A productive cough persisted until August. Paired blood specimens from him are presently being examined.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384 (1958)

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

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Minter Clinic Nix Professional Building, 414 Navarro Street San Antonio, Texas Tel. Capitol 2-1317	By appointment only	Yes

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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