

# 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 October 11, 1958

The number of reported cases of poliomyelitis for the week ended October 11 is 311. Of these, 152 cases were paralytic and 116 nonparalytic. For the previous week the revised figures were 313 total, 131 paralytic and 122 nonparalytic cases. For the week ended October 12, 1957, there were 167 total cases reported with 88 of these paralytic and 63 nonparalytic. Reports from 2 States have not been received and California reported that its figures were not complete due to the Columbus Day holiday.

The numbers of total cases and paralytic cases reported from most of the geographic divisions for the current week remained about the same as or less than those for the previous

week. But the West North Central and South Atlantic Divisions each reported a sizable increase and the number of paralytic cases in the Middle Atlantic Division is about double that for the previous week. The total figure for the East North Central Division is less than that for the previous week but the number of paralytic cases is slightly higher. The decrease in the total for this division is largely due to the lower number of cases reported in Ohio. Michigan reported about the same number for each category as last week. Fifty-three of the 98 cases reported in Michigan for the current week had onset in the week ended October 3; 28 had onset in the week ended September 26.

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	1st WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 11, 1958 <sup>1</sup>	Ended Oct. 12, 1957	Median 1953-57	First 41 weeks			Since seasonal low week			
				1958 <sup>1</sup>	1957	Median 1953-57	1957-58 <sup>2</sup>	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	12	16	22	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	11	8	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	16	27	24	645	782	1,045	(2)	(2)	(2)	(2)
Diphtheria-----055	12	26	54	546	775	1,228	196	311	486	July 1
Encephalitis, infectious-----082	55	44	56	<sup>3</sup> 1,815	1,486	1,486	<sup>3</sup> 1,206	926	926	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	260	202	445	12,262	12,393	25,547	1,667	1,383	2,783	Sept. 1
Malaria-----110-117	2	3	11	56	129	395	(2)	(2)	(2)	(2)
Measles-----085	1,533	1,109	1,018	717,717	455,204	530,745	7,354	5,550	5,428	Sept. 1
Meningococcal infections-----057	43	51	51	<sup>4</sup> 2,079	1,917	2,847	<sup>4</sup> 307	232	250	Sept. 1
Meningitis, other-----340	<sup>5</sup> 80	41	---	<sup>6</sup> 3,199	1,898	---	---	---	---	---
Poliomyelitis-----080	311	167	1,035	4,376	5,212	24,197	4,157	4,686	23,046	Apr. 1
Paralytic-----080.0,080.1	152	88	---	2,098	1,765	---	1,977	1,491	---	Apr. 1
Nonparalytic-----080.2	116	63	---	1,637	2,619	---	1,569	2,456	---	Apr. 1
Unspecified-----080.3	43	16	---	641	828	---	611	739	---	Apr. 1
Psittacosis-----096.2	3	1	2	120	206	210	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	4	6	(2)	(2)	(2)	(2)
Typhoid fever-----040	22	48	48	843	1,085	1,495	666	828	1,183	Apr. 1
Typhus fever, endemic-----101	2	1	2	63	101	111	51	76	95	Apr. 1
Rabies in animals-----	60	59	75	3,706	3,535	4,213	107	132	148	Oct. 1

<sup>1</sup>Data exclude reports from Georgia and Louisiana for the current week; the report from California is incomplete. <sup>2</sup>Data show no pronounced seasonal change in incidence. <sup>3</sup>Includes revised report from Colorado for week ended September 27. <sup>4</sup>Includes revised report from Michigan for week ended September 20. <sup>5</sup>Includes 28 cases of aseptic meningitis: 13 in California, 7 in Florida, 2 in Maryland, and 6 in Wisconsin. <sup>6</sup>Includes revised report from New York for week ended September 27.

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

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## EPIDEMIOLOGICAL REPORTS

Influenza

The Division of Preventive Medicine, Bureau of Medicine and Surgery, U. S. Department of the Navy, has received information regarding the occurrence of influenza in military personnel stationed on Okinawa. The outbreak which occurred about the middle of September involved men of 4 different companies. In 2 companies 5 men each were ill; 12 in another, and 31 in the fourth company. The main complaints were fever, headache, and dizziness. A few had "chest colds" and headache. The men returned to duty by the 5th day. There were no complications. A virus was isolated which was reported to be closely related to and probably identical with the Jap/305 strain of influenza type A.

The Oregon State Board of Health reports that the incidence of influenza continues to increase. Some serologic evidence of influenza A infection has been obtained, but the type of virus has not been definitely identified as yet.

Encephalitis

Information from the Colorado State Department of Public Health states that no new suspect nor clinical cases of encephalitis were reported during the week ended September 27 and that the season seems to be past for arthropod-borne types of encephalitis. Up to September 27, 6 cases have been laboratory confirmed as western equine encephalitis. Laboratory results for 13 cases were negative for eastern and western equine and St. Louis Encephalitis. Twenty-nine other clinically suspect cases are being studied in the laboratory. It was reported that mildness of many of the suspect cases and the fact that there were instances of multiple cases per family suggest some cases may have been aseptic meningitis.

Aseptic meningitis

The Washington State Department of Health reports that the peak incidence of aseptic meningitis was reached during the week ended September 6. Since that time there has been a steady decline in the number of cases reported. There have been a number of definite communitywide outbreaks of aseptic meningitis this year; whereas poliomyelitis has occurred as scattered cases in only 9 counties.

Oregon reports that a large number of poliomyelitis-like illnesses continue to be reported from several areas of the State. From stool specimens of 4 cases, Coxsackie viruses have been isolated. Three of the specimens have yielded virus of type B-1 and one of type B-5.

Leptospirosis

Dr. Stanley H. Osborn, Connecticut Commissioner of Health, has reported a case of leptospirosis in a 29-year-old white male. The man is general manager of a sand and gravel supply company and stated he had swum in a pool in a gravel pit prior to his illness. There was no known exposure to rats and little contact with dogs. Agglutination tests for Leptospira icterohaemorrhagiae demonstrated a rise in titer from 1:16 to 1:2048 over a 1 week period. Tests for L. canicola and L. pomona showed rises in titer from 1:8 to 1:32.

Diphtheria

Dr. John M. Bruce, Louisiana State Department of Health, has supplied preliminary information about the recent rise in diphtheria incidence in Orleans Parish. A total of 37 cases were reported during the period August 25 through September.

Most of the cases have occurred in a housing project in New Orleans. Further investigation is under way.

Psittacosis

The Maine Department of Health and Welfare has forwarded information from Dr. C. N. Stanhope, District Health Officer, about a case of psittacosis in a 20-year-old university student. The student had helped set up a wild life exhibit at a fair and had been in contact with several hawks and owls. He was bitten on the hand by one of the birds. There was no known contact with other birds or animals. Symptoms included fever and a vesicular lesion on the back of the hand with an erysipeloid streak extending up the arm; there were no pulmonary symptoms. The lesion cleared with treatment but then recurred a week later and required additional treatment. Complement fixation titers showed a 2-fold rise. Sera from the owls are under laboratory study, but the hawks which had been in the exhibit had died earlier.

Dr. Mason Romaine, Virginia Department of Health, has supplied information on the case of psittacosis reported in Virginia this week. The case occurred in a 33-year-old white male who has had a parakeet in his home for 2 years and Java finch for several months, before the onset of his illness. The man first became ill with slight nausea and drowsiness. Four days after this onset he sought medical care and was hospitalized with severe nausea and vomiting, a temperature of 103°F., and a cough. He was hospitalized for 5 days. Complement fixation tests for psittacosis were positive with 2 tests showing a 4-fold rise in titer. Neither of the birds in the home was ill at any time; the birds are still in the home. No other members of the family have had any respiratory illnesses.

Food poisoning

The California Department of Public Health has supplied information about an outbreak of food poisoning of undetermined origin. Eight persons who ate the suspect food, chicken salad, at a picnic became ill with symptoms of nausea, vomiting, abdominal cramps, and diarrhea. The symptoms began from 8 to 16 hours after eating and lasted about 15 hours. The chicken had been stewed in an open pot on a stove and left in the broth on the stove overnight. The next morning the chicken salad was prepared with ingredients including mayonnaise, sour cream, onions, and celery. The salad was then refrigerated for the first time, and it was taken to the picnic in an adequate cooler with ice. Laboratory examination of samples of the chicken salad and broth revealed no typical food-poisoning organisms but a great many miscellaneous bacteria were found in both the salad and broth.

## QUARANTINE MEASURES

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

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>
Ledbetter Clinic 1603 Medical Arts Bldg. Houston, Texas Tel. CA. 5-6565	Monday-Friday, 8 a.m. - 5 p.m. or by appointment on Sunday	Yes

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 12, 1957, AND OCTOBER 11, 1958**

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

AREA	BROUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		41st week		Cumulative first 41 weeks		092		41st week		Cumulative first 41 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES <sup>1</sup> -----	16	27	12	26	546	775	55	44	260	202	12,262	12,393
NEW ENGLAND-----	-	-	-	-	6	21	7	-	13	18	449	694
Maine-----	-	-	-	-	-	3	-	-	3	5	59	221
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	1	-	19	88
Massachusetts-----	-	-	-	-	5	18	-	-	7	8	221	206
Rhode Island-----	-	-	-	-	-	-	6	-	-	2	55	64
Connecticut-----	-	-	-	1	-	-	1	-	2	3	93	107
MIDDLE ATLANTIC-----	1	1	-	4	36	64	10	9	73	33	1,625	1,994
New York-----	1	-	-	-	16	32	8	9	55	20	1,102	1,252
New Jersey-----	-	-	-	-	3	10	-	-	-	6	4	133
Pennsylvania-----	-	1	-	4	17	22	2	-	12	9	390	518
EAST NORTH CENTRAL-----	6	13	-	2	33	44	9	11	33	28	2,084	2,089
Ohio-----	-	-	-	-	7	12	5	2	14	5	656	529
Indiana-----	-	-	-	1	14	11	-	1	1	4	184	295
Illinois-----	5	11	-	-	6	3	2	3	6	9	497	477
Michigan-----	-	2	-	1	5	16	-	1	7	6	570	561
Wisconsin-----	1	-	-	-	1	2	2	4	5	4	177	227
WEST NORTH CENTRAL-----	7	6	3	2	81	57	15	6	21	6	995	711
Minnesota-----	-	2	-	2	31	24	-	-	1	2	137	255
Iowa-----	1	2	-	-	13	7	1	-	1	3	179	168
Missouri-----	-	-	-	-	14	1	-	1	6	-	199	115
North Dakota-----	-	1	-	-	3	3	2	2	5	-	174	90
South Dakota-----	-	-	3	-	8	6	-	-	-	-	14	34
Nebraska-----	-	-	-	-	10	10	1	-	1	-	68	24
Kansas-----	6	1	-	-	2	6	11	3	7	1	224	25
SOUTH ATLANTIC <sup>1</sup> -----	-	2	6	7	154	251	1	2	17	19	888	946
Delaware-----	-	-	-	-	-	-	-	-	-	-	42	8
Maryland-----	-	-	-	1	3	3	-	-	3	1	104	87
District of Columbia-----	-	-	1	-	2	-	-	-	1	-	15	10
Virginia-----	-	1	2	-	17	12	-	-	6	5	232	370
West Virginia-----	-	-	-	-	9	5	-	-	-	3	125	84
North Carolina-----	-	1	-	1	16	30	1	1	-	4	46	91
South Carolina-----	-	-	1	-	26	75	-	-	-	1	37	28
Georgia-----	-	-	-	5	49	60	-	-	-	5	190	106
Florida-----	-	-	2	-	32	66	-	1	7	-	197	162
EAST SOUTH CENTRAL-----	2	3	1	3	51	120	1	3	9	19	1,028	1,606
Kentucky-----	1	-	-	-	4	14	-	1	4	12	494	681
Tennessee-----	1	1	-	-	7	11	1	-	4	3	278	597
Alabama-----	-	2	-	-	21	51	-	1	-	4	185	215
Mississippi-----	-	-	1	3	19	44	-	1	1	-	71	113
WEST SOUTH CENTRAL <sup>1</sup> -----	-	-	1	7	128	157	1	2	9	17	944	966
Arkansas-----	-	-	-	4	16	24	-	-	1	-	90	68
Louisiana-----	-	-	-	1	44	15	-	-	-	-	111	50
Oklahoma-----	-	-	-	1	25	19	-	1	1	1	123	112
Texas-----	-	-	1	1	43	99	1	1	7	16	720	736
MOUNTAIN-----	-	-	-	-	45	27	2	-	43	19	1,900	1,056
Montana-----	-	-	-	-	16	9	-	-	16	6	316	152
Idaho-----	-	-	-	-	2	1	-	-	6	-	155	84
Wyoming-----	-	-	-	-	2	1	-	-	-	-	9	48
Colorado-----	-	-	-	-	7	2	-	-	6	4	198	166
New Mexico-----	-	-	-	-	12	9	2	-	9	2	277	336
Arizona-----	-	-	-	-	6	4	-	-	6	4	697	191
Utah-----	-	-	-	-	-	1	-	-	-	1	148	49
Nevada-----	-	-	-	-	-	-	-	-	-	2	100	30
PACIFIC <sup>1</sup> -----	-	2	1	1	12	34	9	11	42	43	2,349	2,331
Washington-----	-	-	-	-	-	23	-	-	14	5	390	321
Oregon-----	-	-	-	1	7	3	-	-	13	9	353	442
California <sup>1</sup> -----	-	2	1	-	5	8	9	11	15	29	1,606	1,568
Alaska-----	-	-	-	-	-	-	-	-	1	6	75	77
Hawaii-----	-	-	-	-	-	-	-	-	-	4	56	52
Puerto Rico-----	-	-	4	1	44	43	-	-	7	4	125	145

<sup>1</sup>Data exclude reports from Georgia and Louisiana for the current week; the report from California is incomplete.

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 12, 1957, AND OCTOBER 11, 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>2</sup>				Paralytic		Nonparalytic		110-117		085	
	41st week		Cumulative first 41 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES <sup>1</sup> -----	311	167	4,376	5,212	152	88	116	63	2	3	1,533	1,109
NEW ENGLAND-----	5	4	80	75	5	2	-	-	-	-	94	73
Maine-----	-	-	2	6	-	-	-	-	-	-	21	23
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	-	6
Vermont-----	-	-	6	5	-	-	-	-	-	-	11	5
Massachusetts-----	2	1	28	23	2	1	-	-	-	-	15	35
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	1	-
Connecticut-----	3	3	37	37	3	1	-	-	-	-	46	4
MIDDLE ATLANTIC-----	40	13	549	300	21	5	10	5	-	-	261	166
New York-----	16	12	218	191	11	4	3	5	-	-	62	87
New Jersey-----	17	1	248	74	7	1	3	-	-	-	26	26
Pennsylvania-----	7	-	83	35	3	-	4	-	-	-	173	53
EAST NORTH CENTRAL-----	139	56	1,567	1,379	54	24	73	28	-	-	232	217
Ohio-----	19	6	272	231	8	3	4	1	-	-	34	27
Indiana-----	9	3	96	154	5	3	-	-	-	-	27	11
Illinois-----	10	22	184	324	3	10	7	10	-	-	26	43
Michigan-----	98	23	967	464	36	7	61	16	-	-	75	28
Wisconsin-----	3	2	48	206	2	1	1	1	-	-	70	108
WEST NORTH CENTRAL-----	28	5	282	423	17	4	6	1	-	-	87	54
Minnesota-----	4	1	23	49	3	1	1	-	-	-	2	29
Iowa-----	-	1	58	80	-	1	-	-	-	-	26	15
Missouri-----	15	2	102	111	14	2	-	-	-	-	11	2
North Dakota-----	3	-	39	11	-	-	2	-	-	-	44	8
South Dakota-----	-	-	7	38	-	-	-	-	-	-	-	-
Nebraska-----	3	1	25	75	-	-	3	1	-	-	4	-
Kansas-----	3	-	28	59	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC <sup>1</sup> -----	44	27	649	734	24	17	13	9	-	-	272	91
Delaware-----	1	1	17	5	1	1	-	-	-	-	4	1
Maryland-----	1	2	13	16	1	2	-	-	-	-	5	15
District of Columbia-----	-	1	5	57	-	1	-	-	-	-	-	2
Virginia-----	12	5	111	97	10	3	2	2	-	-	42	11
West Virginia-----	17	1	150	42	5	1	8	-	-	-	193	14
North Carolina-----	-	8	92	204	-	4	-	4	-	-	2	4
South Carolina-----	1	5	19	122	-	3	1	1	-	-	6	21
Georgia-----	-	1	<sup>1</sup> 37	70	-	1	-	-	-	-	-	7
Florida-----	12	3	205	121	7	1	2	2	-	-	20	16
EAST SOUTH CENTRAL-----	16	13	259	362	10	5	5	4	-	-	128	48
Kentucky-----	4	4	44	94	2	3	2	1	-	-	39	22
Tennessee-----	8	4	88	132	6	2	1	2	-	-	70	21
Alabama-----	1	4	32	44	-	-	1	-	-	-	5	5
Mississippi-----	3	1	95	92	2	-	1	1	-	-	14	-
WEST SOUTH CENTRAL <sup>1</sup> -----	16	21	557	1,009	10	14	6	6	-	1	158	109
Arkansas-----	-	-	19	55	-	-	-	-	-	-	-	-
Louisiana-----	-	5	<sup>1</sup> 63	166	-	5	-	-	-	1	-	1
Oklahoma-----	-	2	51	117	-	1	-	-	-	-	1	6
Texas-----	16	14	424	671	10	8	6	6	-	-	157	102
MOUNTAIN-----	9	8	162	223	3	5	2	2	-	-	192	176
Montana-----	1	2	60	12	1	1	-	1	-	-	72	87
Idaho-----	-	-	11	25	-	-	-	-	-	-	5	8
Wyoming-----	1	-	5	13	-	-	-	-	-	-	-	1
Colorado-----	1	1	18	41	-	1	1	-	-	-	69	12
New Mexico-----	4	2	30	47	1	1	-	-	-	-	15	27
Arizona-----	2	3	24	50	1	2	1	1	-	-	13	28
Utah-----	-	-	10	31	-	-	-	-	-	-	15	13
Nevada-----	-	-	4	4	-	-	-	-	-	-	3	-
PACIFIC <sup>1</sup> -----	14	20	271	707	8	12	1	8	2	2	109	175
Washington-----	5	1	22	12	-	1	-	-	-	-	22	57
Oregon-----	-	-	34	37	-	-	-	-	-	-	36	43
California <sup>1</sup> -----	9	19	215	658	8	11	1	8	2	2	51	75
Alaska-----	-	-	2	3	-	-	-	-	-	-	28	5
Hawaii-----	2	1	69	9	2	1	-	-	-	-	7	-
Puerto Rico-----	-	1	53	31	-	1	-	-	-	-	60	42

<sup>1</sup>Data exclude reports from Georgia and Louisiana for the current week; the report from California is incomplete.<sup>2</sup>Includes cases not specified by type, category number 080.3.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 12, 1957, AND OCTOBER 11, 1958—Continued**

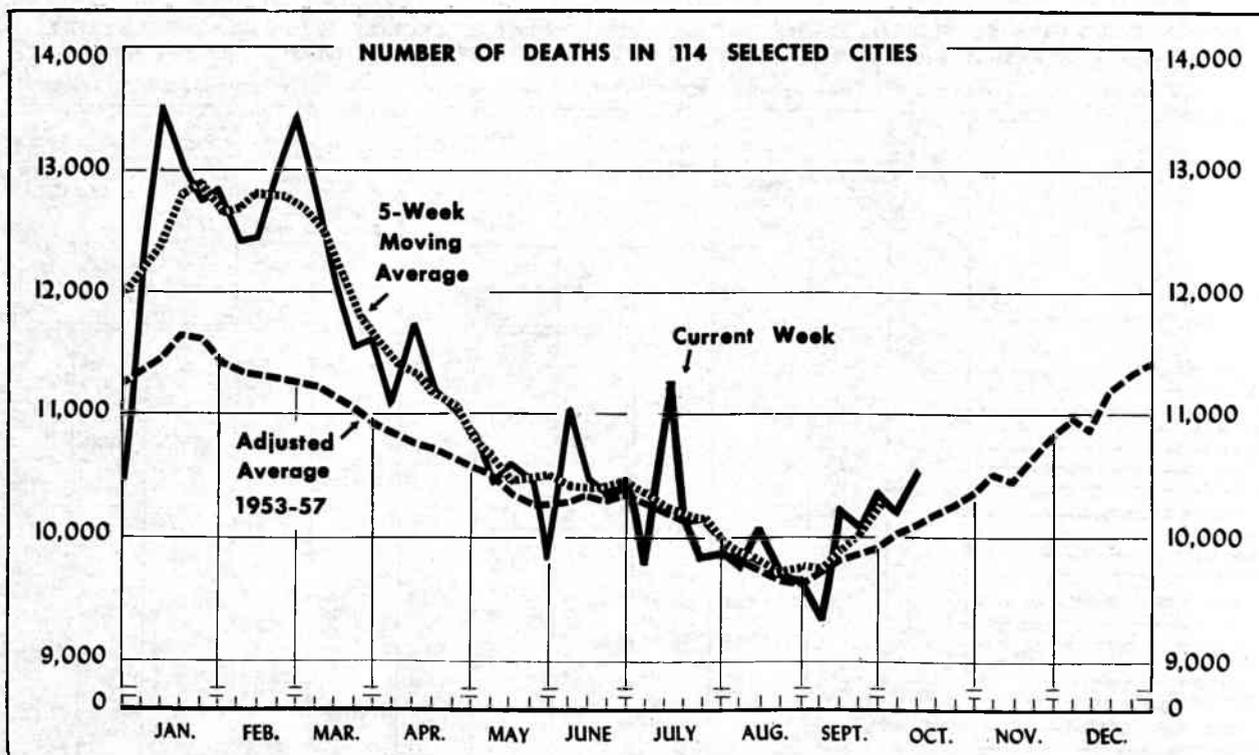
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		41st week		Cumulative first 41 weeks		101		
	057	057	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES <sup>1</sup> -----	43	51	80	3	1	22	48	843	1,085	2	60	59
NEW ENGLAND-----	5	3	4	-	-	-	1	16	22	-	-	-
Maine-----	-	2	-	-	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	1	2	-	-	-	1	8	10	-	-	-
Rhode Island-----	1	-	2	-	-	-	-	1	5	-	-	-
Connecticut-----	2	-	-	-	-	-	-	5	3	-	-	-
MIDDLE ATLANTIC-----	6	7	-	-	-	-	5	96	115	-	3	2
New York-----	2	5	-	-	-	-	1	30	49	-	3	2
New Jersey-----	2	-	-	-	-	-	-	18	19	-	-	-
Pennsylvania-----	2	2	-	-	-	-	4	48	47	-	-	-
EAST NORTH CENTRAL-----	6	11	34	1	-	3	19	92	159	-	8	7
Ohio-----	-	1	-	-	-	2	-	35	58	-	-	3
Indiana-----	1	-	1	-	-	-	18	15	58	-	5	1
Illinois-----	-	5	17	-	-	1	-	22	19	-	-	1
Michigan-----	5	5	10	-	-	1	1	11	12	-	1	-
Wisconsin-----	-	-	<sup>36</sup>	1	-	-	-	9	12	-	2	2
WEST NORTH CENTRAL-----	9	2	3	-	1	4	1	71	76	-	17	14
Minnesota-----	1	-	-	-	1	-	-	3	5	-	9	9
Iowa-----	-	2	2	-	-	2	1	14	19	-	3	3
Missouri-----	-	-	-	-	-	1	-	33	39	-	4	1
North Dakota-----	2	-	-	-	-	-	-	2	1	-	-	1
South Dakota-----	1	-	-	-	-	-	-	7	6	-	-	-
Nebraska-----	3	-	-	-	-	-	-	2	-	-	1	-
Kansas-----	2	-	1	-	-	1	-	10	6	-	-	-
SOUTH ATLANTIC <sup>1</sup> -----	8	7	14	1	-	3	4	144	203	-	4	12
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	-	-	46	-	-	1	-	7	9	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	6	8	-	-	-
Virginia-----	3	1	-	1	-	2	1	33	38	-	3	4
West Virginia-----	1	-	-	-	-	-	-	18	46	-	-	1
North Carolina-----	2	3	-	-	-	-	-	17	13	-	-	-
South Carolina-----	-	1	-	-	-	-	3	9	20	-	1	4
Georgia-----	---	2	---	---	---	---	---	128	29	---	---	3
Florida-----	2	-	<sup>58</sup>	-	-	-	-	21	39	-	-	-
EAST SOUTH CENTRAL-----	3	4	7	1	-	6	4	99	163	2	16	15
Kentucky-----	-	1	6	-	-	1	-	27	53	-	5	13
Tennessee-----	1	-	1	1	-	2	-	30	64	-	1	-
Alabama-----	1	1	-	-	-	-	-	15	12	1	10	1
Mississippi-----	1	2	-	-	-	3	4	27	34	1	-	1
WEST SOUTH CENTRAL <sup>1</sup> -----	5	9	2	-	-	2	8	203	226	-	11	7
Arkansas-----	-	-	-	-	-	2	2	25	39	-	1	2
Louisiana-----	---	3	---	---	---	---	2	173	51	---	---	-
Oklahoma-----	-	-	1	-	-	2	-	8	26	-	-	-
Texas-----	5	6	1	-	-	2	2	97	110	-	10	5
MOUNTAIN-----	1	1	-	-	-	3	1	60	45	-	-	1
Montana-----	-	-	-	-	-	-	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	6	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	3	2	-	-	-
Colorado-----	-	1	-	-	-	-	-	8	11	-	-	1
New Mexico-----	-	-	-	-	-	3	1	23	17	-	-	-
Arizona-----	-	-	-	-	-	-	-	9	7	-	-	-
Utah-----	-	-	-	-	-	-	-	-	1	-	-	-
Nevada-----	1	-	-	-	-	-	-	8	-	-	-	-
PACIFIC <sup>1</sup> -----	-	7	16	-	-	1	5	62	76	-	1	1
Washington-----	-	2	3	-	-	-	-	3	3	-	-	-
Oregon-----	-	1	-	-	-	-	-	10	5	-	-	-
California <sup>1</sup> -----	-	4	<sup>13</sup>	-	-	1	5	49	68	-	1	1
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	1	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	1	-	-	3	-	24	15	-	-	-

<sup>1</sup>Data exclude reports from Georgia and Louisiana for the current week; the report from California is incomplete. <sup>3</sup>Aseptic meningitis. <sup>4</sup>Includes 2 cases of aseptic meningitis. <sup>5</sup>Includes 7 cases of aseptic meningitis.

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

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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	41st week ended Oct. 11, 1958	40th week ended Oct. 4, 1958	Adjusted average, 41st week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 41 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	<sup>1</sup> 10,589	10,151	10,097	+4.9	<sup>1</sup> 454,186	439,397	+3.4
New England----- <sup>1</sup> (14 cities)	655	676	672	-2.5	<sup>1</sup> 28,702	28,195	+1.8
Middle Atlantic----- <sup>1</sup> (20 cities)	3,174	2,922	3,046	+4.2	151,007	127,235	+3.0
East North Central----- <sup>1</sup> (19 cities)	2,328	2,175	2,218	+5.0	96,861	94,936	+2.0
West North Central----- <sup>1</sup> (9 cities)	675	757	716	-5.7	32,011	31,229	+2.5
South Atlantic----- <sup>1</sup> (11 cities)	836	835	818	+2.2	39,347	36,900	+6.6
East South Central----- <sup>1</sup> (8 cities)	445	425	452	-1.5	21,129	19,711	+7.2
West South Central----- <sup>1</sup> (13 cities)	890	797	776	+14.7	38,738	36,830	+5.2
Mountain----- <sup>1</sup> (8 cities)	275	265	233	+18.0	12,130	11,024	+10.0
Pacific----- <sup>1</sup> (12 cities)	1,311	1,299	1,208	+8.5	54,261	53,337	+1.7

<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	41st week ended Oct. 11, 1958	40th week ended Oct. 4, 1958	CUMULATIVE NUMBER FIRST 41 WEEKS		AREA	41st week ended Oct. 11, 1958	40th week ended Oct. 4, 1958	CUMULATIVE NUMBER FIRST 41 WEEKS	
			1958	1957				1958	1957
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL—Con.:</b>				
Boston, Mass.-----	213	213	9,880	9,529	St. Louis, Mo.-----	217	225	9,976	9,675
Bridgeport, Conn.-----	39	34	1,522	1,526	St. Paul, Minn.-----	49	72	2,928	2,673
Cambridge, Mass.-----	29	33	1,166	1,200	Wichita, Kans.-----	44	45	1,850	1,802
Fall River, Mass.-----	27	27	1,113	1,110	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	43	61	2,051	2,005	Atlanta, Ga.-----	97	96	4,480	4,412
Lowell, Mass.-----	25	16	1,054	1,134	Baltimore, Md.-----	228	228	10,094	9,672
Lynn, Mass.-----	19	24	917	852	Charlotte, N. C.-----	23	34	1,433	1,352
New Bedford, Mass.-----	20	23	959	988	Jacksonville, Fla.-----	45	54	2,428	2,195
New Haven, Conn.-----	44	47	1,865	1,873	Miami, Fla.-----	56	62	2,919	2,057
Providence, R. I.-----	59	75	2,624	2,507	Norfolk, Va.-----	29	26	1,433	1,454
Somerville, Mass.-----	15	11	566	543	Richmond, Va.-----	78	77	3,081	3,038
Springfield, Mass.-----	140	48	2,736	1,704	Savannah, Ga.-----	30	25	1,334	1,206
Waterbury, Conn.-----	25	17	1,076	1,026	St. Petersburg, Fla.-----	(50)	(35)	(2,649)	---
Worcester, Mass.-----	57	47	2,173	2,198	Tampa, Fla.-----	47	27	2,699	2,501
<b>MIDDLE ATLANTIC:</b>					<b>EAST SOUTH CENTRAL:</b>				
Albany, N. Y.-----	56	50	2,017	1,992	Birmingham, Ala.-----	86	81	3,569	3,206
Allentown, Pa.-----	32	27	1,330	1,531	Chattanooga, Tenn.-----	41	33	1,957	1,871
Buffalo, N. Y.-----	161	136	6,110	5,831	Knoxville, Tenn.-----	14	22	1,114	1,106
Camden, N. J.-----	34	42	1,728	1,618	Louisville, Ky.-----	97	92	4,463	4,265
Elizabeth, N. J.-----	29	22	1,228	1,148	Memphis, Tenn.-----	115	79	4,706	4,348
Erie, Pa.-----	37	44	1,460	1,448	Mobile, Ala.-----	18	26	1,547	1,481
Jersey City, N. J.-----	57	72	2,850	2,758	Montgomery, Ala.-----	36	31	1,378	1,044
Newark, N. J.-----	104	86	3,900	4,179	Nashville, Tenn.-----	38	61	2,395	2,390
New York City, N. Y.-----	1,615	1,435	66,227	64,310	<b>WEST SOUTH CENTRAL:</b>				
Paterson, N. J.-----	48	46	1,687	1,584	Austin, Tex.-----	21	25	1,325	1,188
Philadelphia, Pa.-----	469	484	20,571	19,505	Baton Rouge, La.-----	28	19	1,165	1,001
Pittsburgh, Pa.-----	176	167	7,768	7,331	Corpus Christi, Tex.-----	16	13	857	853
Reading, Pa.-----	25	14	866	943	Dallas, Tex.-----	94	89	4,703	4,440
Rochester, N. Y.-----	110	107	4,141	3,936	El Paso, Tex.-----	28	32	1,471	1,286
Schenectady, N. Y.-----	24	16	916	950	Fort Worth, Tex.-----	54	63	2,476	2,538
Scranton, Pa.-----	37	25	1,416	1,513	Houston, Tex.-----	169	151	6,499	6,119
Syracuse, N. Y.-----	68	54	2,546	2,360	Little Rock, Ark.-----	80	37	2,247	2,156
Trenton, N. J.-----	32	35	1,912	1,819	New Orleans, La.-----	156	163	7,202	7,063
Utica, N. Y.-----	23	32	1,089	1,276	Oklahoma City, Okla.-----	72	65	2,781	2,513
Yonkers, N. Y.-----	37	28	1,245	1,203	San Antonio, Tex.-----	91	83	3,996	3,882
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Akron, Ohio-----	54	62	2,332	2,200	Albuquerque, N. Mex.-----	27	20	1,166	1,042
Canton, Ohio-----	34	25	1,275	1,258	Colorado Springs, Colo.-----	13	14	596	554
Chicago, Ill.-----	713	686	30,842	30,644	Denver, Colo.-----	104	100	4,596	4,509
Cincinnati, Ohio-----	149	144	6,591	6,147	Ogden, Utah-----	15	12	602	511
Cleveland, Ohio-----	182	198	8,485	8,410	Phoenix, Ariz.-----	42	45	1,833	1,250
Columbus, Ohio-----	147	133	4,668	4,556	Pueblo, Colo.-----	12	13	529	521
Dayton, Ohio-----	93	60	2,985	2,902	Salt Lake City, Utah-----	50	49	1,971	1,813
Detroit, Mich.-----	282	308	12,989	13,167	Tucson, Ariz.-----	12	12	837	824
Evansville, Ind.-----	41	31	1,593	1,282	<b>PACIFIC:</b>				
Flint, Mich.-----	40	26	1,530	1,509	Berkeley, Calif.-----	19	13	765	789
Fort Wayne, Ind.-----	41	24	1,417	1,456	Fresno, Calif.-----	(37)	(32)	(1,582)	---
Gary, Ind.-----	24	26	1,295	1,179	Glendale, Calif.-----	(32)	(31)	(1,368)	---
Grand Rapids, Mich.-----	45	36	1,676	1,654	Long Beach, Calif.-----	49	60	2,257	2,196
Indianapolis, Ind.-----	142	118	5,270	4,857	Los Angeles, Calif.-----	496	469	19,779	19,216
Madison, Wis.-----	(35)	(34)	(1,519)	(1,284)	Oakland, Calif.-----	84	108	3,813	3,870
Milwaukee, Wis.-----	130	114	5,352	5,324	Pasadena, Calif.-----	25	34	1,437	1,441
Peoria, Ill.-----	40	31	1,308	1,204	Portland, Oreg.-----	79	71	4,054	3,939
Rockford, Ill.-----	(32)	(22)	(1,070)	(1,039)	Sacramento, Calif.-----	52	63	2,144	2,076
South Bend, Ind.-----	21	30	1,074	1,073	San Diego, Calif.-----	84	75	3,347	3,223
Toledo, Ohio-----	99	84	4,044	3,878	San Francisco, Calif.-----	183	175	7,715	7,815
Youngstown, Ohio-----	51	39	2,135	2,236	San Jose, Calif.-----	(21)	(18)	(931)	---
<b>WEST NORTH CENTRAL:</b>					<b>SEATTLE, WASH.-----</b>				
Des Moines, Iowa-----	54	53	2,228	2,215	Seattle, Wash.-----	148	136	5,485	5,325
Duluth, Minn.-----	10	15	1,000	1,062	Spokane, Wash.-----	50	33	1,866	1,856
Kansas City, Kans.-----	27	49	1,118	1,184	Tacoma, Wash.-----	42	42	1,599	1,591
Kansas City, Mo.-----	109	116	4,945	4,779	<b>HONOLULU, HAWAII-----</b>				
Lincoln, Nebr.-----	(17)	(20)	(1,015)	---	(28)	(41)	(1,493)	(1,570)	
Minneapolis, Minn.-----	119	111	5,139	5,075					
Omaha, Nebr.-----	46	71	2,827	2,764					

<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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