

# 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 13, 1958

The number of reported cases of poliomyelitis this week totals 399, of which 193 were paralytic and 155 nonparalytic. The corrected figures for last week are 319 total, 153 paralytic, and 124 nonparalytic cases. For the 37th week of last year 282 cases were reported; 90 were paralytic and 149 were nonparalytic. Since the slight drop in the number of reported cases for the week ended August 30 the number has been increasing again, and the figures for this week are the highest recorded in all categories this year.

The number of reported cases in the Middle Atlantic and East North Central areas are substantially higher than last week's figures for total cases and also higher for paralytic cases. Figures for the New England, Mountain, and West North Central areas are also higher this week, but the figures are still relatively small. The South Atlantic area has reported considerably fewer cases this week. The other areas report about the same as last week or somewhat less.

The number of reported cases from Michigan is higher again this week, but the percentage of paralytic cases is only about 30 percent; the percentage of paralytic cases for the Nation is close to 50 percent. Ohio has also reported a relatively high number of cases compared with the previous weeks.

The breakdown of the 120 cases reported in Michigan by week of onset is as follows:

Week ended	Cases
August 8-----	2
August 15-----	2
August 22-----	16
August 29-----	58
September 5-----	41
September 12-----	1

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	37th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 13, 1958	Ended Sept. 14, 1957	Median 1953-57	First 37 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	1	11	15	20	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	3	11	8	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	15	11	25	584	702	950	(1)	(1)	(1)	(1)
Diphtheria-----055	17	43	42	453	665	1,046	103	201	296	July 1
Encephalitis, infectious-----062	132	50	50	21,537	1,293	1,270	2928	733	677	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	278	248	442	11,143	11,494	22,957	548	484	848	Sept. 1
Malaria-----110-117	3	4	8	52	112	334	(1)	(1)	(1)	(1)
Measles-----085	1,185	1,007	874	712,819	451,504	527,884	2,456	1,850	1,637	Sept. 1
Meningococcal infections-----057	56	35	38	1,891	1,754	2,679	119	69	82	Sept. 1
Meningitis, other-----340	183	62	---	2,518	1,700	---	---	---	---	---
Poliomyelitis-----080	399	282	2,007	2,942	4,402	18,350	2,723	3,876	17,199	Apr. 1
Paralytic-----080.0,080.1	193	90	---	1,417	1,390	---	1,296	1,116	---	Apr. 1
Nonparalytic-----080.2	155	149	---	1,098	2,305	---	1,030	2,142	---	Apr. 1
Unspecified-----080.3	51	43	---	427	707	---	397	618	---	Apr. 1
Psittacosis-----096.2	1	1	1	111	194	199	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	2	4	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	36	29	45	723	939	1,339	546	682	1,027	Apr. 1
Typhus fever, endemic-----101	6	7	5	57	91	101	45	66	85	Apr. 1
Rabies in animals-----	72	54	67	3,461	3,265	3,897	4,276	4,229	5,262	Oct. 1

<sup>1</sup>Data show no pronounced seasonal change in incidence.

<sup>2</sup>Includes revised report from Colorado, Indiana, and New Mexico.

<sup>3</sup>Includes 37 cases of aseptic meningitis; 3 in the District of Columbia, 18 in Florida, 3 in Iowa, 9 in Maryland, and 4 in Wisconsin. Cumulative data include revised report from New York for week ended August 30.

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

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ATLANTA, GEORGIA

The 1957-58 disease year for measles, meningococcal infections, and infectious and serum hepatitis closed with the week ended August 30. A review of the data on these diseases since the approximate seasonal low point in 1957 shows that the incidence of measles this year was considerably higher than the incidence for the 1956-57 disease year; that the number of cases of meningococcal infections was somewhat higher; and that for infectious and serum hepatitis the number of cases was lower for the 1957-58 period.

The total of 743,133 cases of measles reported during the disease year was considerably higher than the 1956-57 figure of 486,863 cases. The number of cases reported was higher than that reported in the 1956-57 period in all areas except the West North Central and Pacific areas. The peak in the incidence curve occurred during the first part of May. For several weeks—during April and May—about 40,000 cases were reported each week.

The number of meningococcal infections reported has been decreasing slowly since 1953, but the 2,728 cases in the 1957-58 disease year is higher than the 1956-57 figure of 2,416 cases. The median for the last 5 years is 3,619. Incidence was generally distributed over the Nation. The pattern of the seasonal incidence showed more cases were reported during February and early March, when about 75 cases were reported per week. During the summer weeks the number of cases ranged from 40 to 45 cases per week.

During the 1957-58 disease year, 14,386 cases of infectious and serum hepatitis were reported. For the previous disease year, 16,209 cases were reported. The median for the last 5 years is 28,079 and reflects the high incidence reported during 1953-55. The Mountain and Pacific areas reported the most cases of hepatitis in relation to population; and the South Atlantic area had a relatively low incidence when compared with the population of that area. The number of reported cases was generally high during February, March, April, and May, usually with more than 300 cases reported each week. The highest number of cases for any week was 447, reported in mid-April.

#### EPIDEMIOLOGICAL REPORTS

##### Staphylococcal food poisoning

Dr. A. L. Marshall, Jr., Indiana State Board of Health, has reported an outbreak of staphylococcal food poisoning in 14 persons who ate contaminated ham at a women's club luncheon. The luncheon menu included ham, potato salad, tossed salad, mushrooms with sauce, bread, cookies, and coffee. During a period from 1½ to 5 hours after eating, the individuals became ill with severe nausea and vomiting, abdominal cramps and diarrhea. Four persons were hospitalized. All were reported to be acutely ill. Three still showed some effects of the illness 2 days after onset. Investigation revealed that the ham was cooked over a barbecue pit for 4½ hours, then refrigerated until the following day when it was sliced. After slicing, the ham

was again refrigerated for several hours and then taken to the home of the hostess where it remained out of refrigeration until served the next day. It was unrefrigerated for about 19 hours. Coagulase-positive *Staphylococcus aureus* was isolated from samples of the ham in quantities of more than 1 million per gram. A small number of *S. aureus* were also isolated from the potato salad. Investigation of the preparation of the other items served revealed nothing unusual.

##### Aseptic meningitis

Information has been received from Dr. Linus J. Leavens, Vermont Department of Health, about an outbreak of suspect viral meningitis in east central Vermont which has affected more than 100 persons in 10 towns. The earliest reported case had onset on July 31. The cases now under epidemiological investigation occurred during August, but new cases are being reported almost daily. The range in age of the individuals is from 4 to 55 years but most of the cases have occurred among children and young adults. The symptoms of the illness are moderate fever, severe headache, stiff neck, and occasionally pain in the ocular muscles. About half of the cases report sore throat. Additional symptoms include malaise, muscular aches and pains, nausea, vomiting, and occasional abdominal pain. The symptoms vary from mild to severe. The severe headache is the outstanding symptom. In no instance has a skin rash been observed. Investigation indicates the incubation period may be from 4 to 6 days. Eight of the cases have occurred in 3 related families. One member of these families had been in New Jersey in late July and became ill on July 31.

Twenty acute-phase blood specimens and 14 convalescent blood specimens have been collected and are under laboratory study. Several stool specimens are also under study. Cerebrospinal fluid from 3 individuals has been examined, and no microorganisms could be cultured. One meningitis case showed a cerebrospinal fluid leucocyte count of 615 per cu. mm.; 76 percent of the cells were lymphocytes. The cerebrospinal fluid from another case showed 28 lymphocytes.

Cases of aseptic meningitis have occurred sporadically elsewhere in the State, but there has been no such concentration of cases as in this outbreak.

#### QUARANTINE MEASURES

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

##### Changes Reported

Africa.—Liberia (p. 23) now requires yellow fever vaccination of all arrivals. All other information remains the same.

Asia.—Union of Soviet Socialist Republics (p. 45) now requires cholera vaccination of all arrivals from India. All other information remains the same.

## Morbidity and Mortality Weekly Report

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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 14, 1957, AND SEPTEMBER 13, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		37th week		Cumulative first 37 weeks		082		37th week		Cumulative first 37 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	15	11	17	43	453	665	132	50	278	248	11,143	11,494
NEW ENGLAND-----	-	-	-	1	5	20	-	-	13	11	397	632
Maine-----	-	-	-	-	-	3	-	-	1	3	51	199
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	1	-	15	86
Massachusetts-----	-	-	-	1	4	17	-	-	10	7	198	186
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	49	59
Connecticut-----	-	-	-	-	1	-	-	-	1	1	82	94
MIDDLE ATLANTIC-----	-	-	-	-	33	57	14	9	50	52	1,416	1,800
New York-----	-	-	-	-	15	30	9	9	34	38	964	1,096
New Jersey-----	-	-	-	-	2	9	2	-	6	1	113	229
Pennsylvania-----	-	-	-	-	16	18	3	-	10	13	339	475
EAST NORTH CENTRAL-----	-	3	-	2	30	40	15	13	34	37	1,938	1,965
Ohio-----	-	-	-	2	6	11	12	8	7	6	611	497
Indiana-----	-	-	-	-	14	9	-	-	2	6	175	281
Illinois-----	-	1	-	-	4	3	3	2	11	15	465	438
Michigan-----	-	1	-	-	5	15	-	1	11	5	533	540
Wisconsin-----	-	1	-	-	1	2	-	2	3	5	154	209
WEST NORTH CENTRAL-----	12	4	-	3	74	54	35	3	14	7	906	681
Minnesota-----	-	1	-	-	30	21	-	-	4	1	124	236
Iowa-----	10	-	-	-	13	7	-	-	9	2	172	164
Missouri-----	-	2	-	-	14	1	1	-	1	2	180	114
North Dakota-----	-	-	-	-	3	3	2	1	-	1	149	90
South Dakota-----	-	-	-	-	5	6	-	-	-	1	10	34
Nebraska-----	-	-	-	2	8	10	7	2	-	-	56	20
Kansas-----	2	1	-	1	1	6	25	-	-	-	215	23
SOUTH ATLANTIC-----	-	1	5	28	117	217	5	1	16	23	800	883
Delaware-----	-	-	-	-	-	-	-	-	2	-	39	7
Maryland-----	-	-	-	-	3	2	1	-	3	-	89	84
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	12	10
Virginia-----	-	-	-	-	15	11	1	-	4	7	203	346
West Virginia-----	-	-	-	-	9	5	-	-	-	1	115	75
North Carolina-----	-	-	1	2	15	27	3	-	1	6	41	81
South Carolina-----	-	-	3	21	20	60	-	-	-	2	37	26
Georgia-----	-	1	1	3	32	48	-	1	2	4	85	97
Florida-----	-	-	-	2	23	64	-	-	4	3	179	157
EAST SOUTH CENTRAL-----	-	-	3	4	46	91	2	4	15	26	917	1,519
Kentucky-----	-	-	-	1	4	14	-	4	9	13	422	645
Tennessee-----	-	-	1	1	7	10	-	-	5	9	254	570
Alabama-----	-	-	-	-	20	37	-	-	-	4	179	196
Mississippi-----	-	-	2	2	15	30	2	-	1	-	62	108
WEST SOUTH CENTRAL-----	-	1	9	4	98	128	12	14	30	26	885	889
Arkansas-----	-	-	-	-	12	12	-	-	2	1	85	66
Louisiana-----	-	1	9	2	20	12	-	-	-	2	9	48
Oklahoma-----	-	-	-	-	25	18	5	3	3	2	115	103
Texas-----	-	-	-	2	41	86	7	11	25	21	676	672
MOUNTAIN-----	2	1	-	-	41	26	22	-	41	26	1,754	993
Montana-----	-	-	-	-	15	9	-	-	8	10	280	142
Idaho-----	-	-	-	-	2	1	1	-	3	4	114	81
Wyoming-----	-	1	-	-	2	1	17	-	1	-	9	45
Colorado-----	1	-	-	-	7	2	-	-	4	2	178	158
New Mexico-----	-	-	-	-	12	9	3	-	5	2	259	323
Arizona-----	-	-	-	-	3	3	-	-	13	5	676	178
Utah-----	1	-	-	-	-	1	1	-	5	-	138	38
Nevada-----	-	-	-	-	-	-	-	-	2	3	100	28
PACIFIC-----	1	1	-	1	9	32	27	6	65	40	2,130	2,132
Washington-----	-	1	-	-	-	22	-	-	20	11	357	288
Oregon-----	-	-	-	-	5	2	2	-	12	3	298	398
California-----	1	-	-	1	4	8	25	6	33	26	1,475	1,446
Alaska-----	-	-	-	-	-	-	-	-	-	-	74	67
Hawaii-----	-	-	-	-	-	-	-	1	3	1	51	35
Puerto Rico-----	-	-	1	-	37	38	-	-	6	2	111	122

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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 14, 1957, AND SEPTEMBER 13, 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>1</sup>				Paralytic		Nonparalytic		110-117		085	
	37th week		Cumulative first 37 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	399	282	2,942	4,402	193	90	155	149	3	4	1,185	1,007
NEW ENGLAND-----	10	8	62	64	8	3	2	5	-	-	50	49
Maine-----	-	-	2	6	-	-	-	-	-	-	8	2
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	-	-
Vermont-----	2	-	4	4	2	-	-	-	-	-	2	-
Massachusetts-----	5	6	21	19	3	2	2	4	-	-	24	36
Rhode Island-----	1	-	3	-	1	-	-	-	-	-	9	1
Connecticut-----	2	2	28	31	2	1	-	1	-	-	7	10
MIDDLE ATLANTIC-----	68	18	364	240	36	9	20	5	-	-	175	173
New York-----	27	14	151	148	22	8	5	4	-	-	97	133
New Jersey-----	29	4	163	57	7	1	14	1	-	-	32	20
Pennsylvania-----	12	-	50	35	7	-	1	-	-	-	46	20
EAST NORTH CENTRAL-----	190	119	844	1,104	70	32	94	65	1	-	237	208
Ohio-----	38	13	150	191	18	4	5	3	-	-	46	41
Indiana-----	12	26	70	122	5	15	-	9	-	-	31	8
Illinois-----	17	25	109	249	9	5	7	12	1	-	47	24
Michigan-----	120	43	483	350	35	7	82	35	-	-	44	21
Wisconsin-----	3	12	32	192	3	1	-	6	-	-	69	114
WEST NORTH CENTRAL-----	29	23	180	365	12	10	16	10	-	-	70	47
Minnesota-----	4	2	15	37	4	2	-	-	-	-	-	35
Iowa-----	11	10	46	62	2	4	9	5	-	-	28	2
Missouri-----	4	1	52	98	2	1	2	-	-	-	25	-
North Dakota-----	3	-	26	8	1	-	2	-	-	-	13	4
South Dakota-----	-	5	6	37	-	2	-	3	-	-	-	3
Nebraska-----	4	3	16	67	1	1	3	2	-	-	4	3
Kansas-----	3	2	19	56	2	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	31	33	491	597	22	14	5	14	-	-	104	56
Delaware-----	2	-	14	4	2	-	-	-	-	-	-	5
Maryland-----	-	1	8	10	-	1	-	-	-	-	3	6
District of Columbia-----	-	6	5	41	-	5	-	1	-	-	5	1
Virginia-----	4	4	77	69	3	3	1	1	-	-	53	12
West Virginia-----	11	4	90	24	6	1	4	3	-	-	17	6
North Carolina-----	3	5	74	178	3	-	-	5	-	-	5	7
South Carolina-----	3	5	15	101	2	2	-	1	-	-	1	17
Georgia-----	1	2	34	63	1	1	-	-	-	-	16	-
Florida-----	7	6	174	107	5	1	-	3	-	-	4	7
EAST SOUTH CENTRAL-----	13	10	197	295	12	2	1	4	-	-	147	59
Kentucky-----	3	4	32	70	3	-	-	1	-	-	40	11
Tennessee-----	4	4	66	102	3	1	1	2	-	-	91	26
Alabama-----	4	1	27	33	4	1	-	-	-	-	12	17
Mississippi-----	2	1	72	90	2	-	-	1	-	-	4	5
WEST SOUTH CENTRAL-----	29	26	458	926	20	8	9	17	-	2	114	115
Arkansas-----	-	1	16	51	-	1	-	-	-	-	2	-
Louisiana-----	5	6	50	147	4	2	1	4	-	-	2	-
Oklahoma-----	3	2	45	100	2	-	1	1	-	2	2	7
Texas-----	21	17	347	628	14	5	7	12	-	-	108	108
MOUNTAIN-----	15	11	130	188	4	1	5	6	-	1	147	144
Montana-----	11	-	52	9	4	-	4	-	-	-	22	57
Idaho-----	2	3	9	19	-	-	-	1	-	1	18	22
Wyoming-----	-	-	4	11	-	-	-	-	-	-	9	-
Colorado-----	-	7	12	34	-	1	-	5	-	-	48	14
New Mexico-----	-	1	23	43	-	-	-	-	-	-	16	9
Arizona-----	1	-	19	39	-	-	1	-	-	-	17	19
Utah-----	1	-	8	29	-	-	-	-	-	-	15	22
Nevada-----	-	-	3	4	-	-	-	-	-	-	2	1
PACIFIC-----	14	34	216	623	9	11	3	23	2	1	141	156
Washington-----	2	-	17	9	-	-	-	-	-	-	30	82
Oregon-----	-	-	27	36	-	-	-	-	-	-	33	26
California-----	12	34	172	578	9	11	3	23	2	1	78	48
Alaska-----	-	-	1	3	-	-	-	-	-	-	-	15
Hawaii-----	5	-	63	4	5	-	-	-	-	1	13	6
Puerto Rico-----	-	-	53	26	-	-	-	-	-	-	59	27

<sup>1</sup>Includes cases not specified by type, category number 080.3.

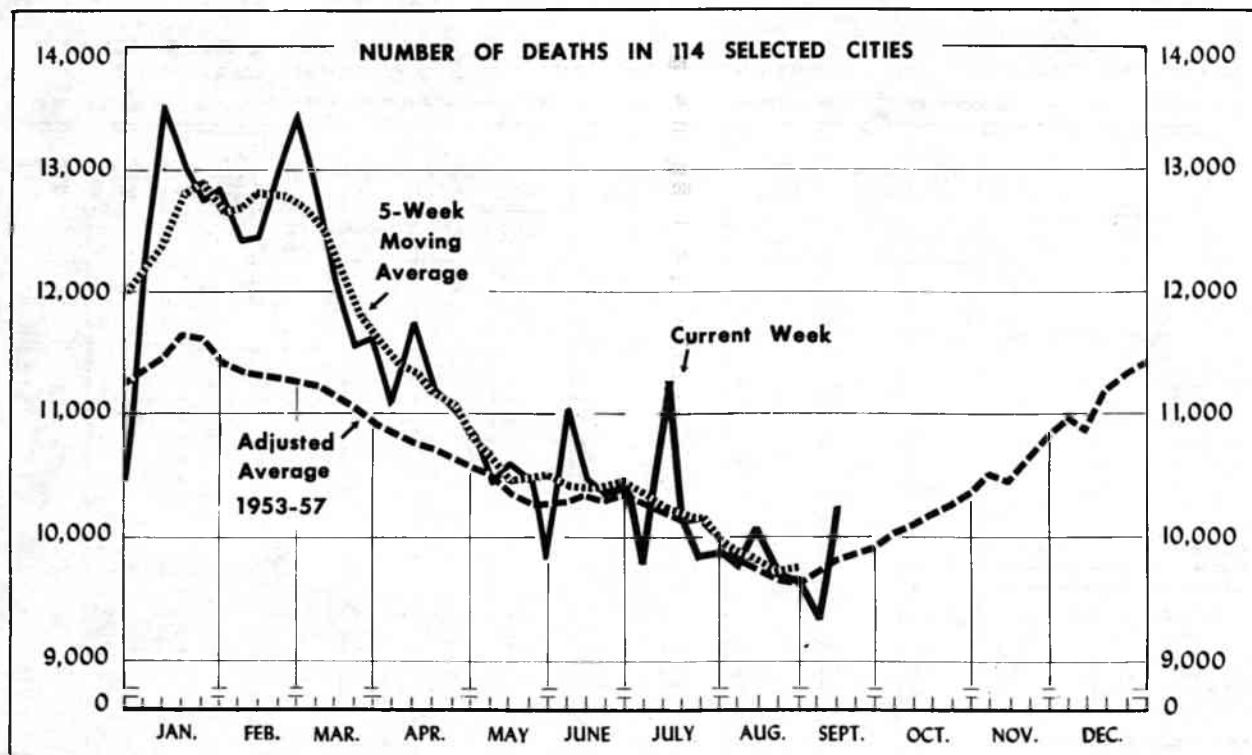
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 14, 1957, AND SEPTEMBER 13, 1958—Continued

(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			096.2		37th week		Cumulative first 37 weeks			101		
	1958	1957		1958	1957	1958	1957	1958	1957			1958	1957
CONT. UNITED STATES-----	56	35	183	1	1	36	29	723	939	6	72	54	
NEW ENGLAND-----	-	2	34	-	-	2	-	15	19	-	-	-	
Maine-----	-	1	-	-	-	-	-	1	2	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-	
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	
Massachusetts-----	-	-	34	-	-	2	-	7	8	-	-	-	
Rhode Island-----	-	-	-	-	-	-	-	1	4	-	-	-	
Connecticut-----	-	1	-	-	-	-	-	5	3	-	-	-	
MIDDLE ATLANTIC-----	4	2	-	-	-	2	2	81	94	-	13	4	
New York-----	-	1	-	-	-	1	1	26	39	-	11	3	
New Jersey-----	-	-	-	-	-	1	-	17	19	-	-	-	
Pennsylvania-----	4	1	-	-	-	-	1	38	36	-	2	1	
EAST NORTH CENTRAL-----	17	13	62	-	1	2	5	72	126	-	18	2	
Ohio-----	1	4	-	-	-	1	2	28	51	-	2	-	
Indiana-----	1	1	4	-	-	1	-	13	38	-	11	1	
Illinois-----	3	3	46	-	-	-	3	16	17	-	1	-	
Michigan-----	9	3	8	-	-	-	-	9	10	-	4	-	
Wisconsin-----	3	2	24	-	1	-	-	6	10	-	-	1	
WEST NORTH CENTRAL-----	4	2	5	-	-	4	5	61	69	-	16	16	
Minnesota-----	-	1	1	-	-	-	-	3	5	-	5	6	
Iowa-----	-	-	23	-	-	1	2	12	18	-	4	3	
Missouri-----	1	-	1	-	-	3	3	29	36	-	3	4	
North Dakota-----	2	-	-	-	-	-	-	1	1	-	2	1	
South Dakota-----	-	1	-	-	-	-	-	6	4	-	-	-	
Nebraska-----	1	-	-	-	-	-	-	2	-	-	2	2	
Kansas-----	-	-	-	-	-	-	-	8	5	-	-	-	
SOUTH ATLANTIC-----	6	3	57	-	-	5	3	126	183	2	9	12	
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-	
Maryland-----	1	-	310	-	-	-	1	6	7	-	-	-	
District of Columbia-----	2	-	23	-	-	-	-	6	8	-	-	-	
Virginia-----	-	1	12	-	-	1	-	27	36	-	2	5	
West Virginia-----	1	-	1	-	-	-	1	15	43	-	1	-	
North Carolina-----	1	1	-	-	-	1	-	15	11	-	-	1	
South Carolina-----	-	-	1	-	-	1	-	9	14	-	3	4	
Georgia-----	-	-	7	-	-	1	-	26	25	-	3	2	
Florida-----	1	1	423	-	-	1	1	17	38	2	-	-	
EAST SOUTH CENTRAL-----	4	7	2	1	-	3	2	80	145	2	7	8	
Kentucky-----	-	1	1	-	-	2	1	25	46	-	4	4	
Tennessee-----	1	1	1	-	-	1	1	23	58	-	2	-	
Alabama-----	2	5	-	1	-	-	-	13	11	2	1	4	
Mississippi-----	1	-	-	-	-	-	-	19	30	-	-	-	
WEST SOUTH CENTRAL-----	5	1	10	-	-	12	5	184	204	1	8	7	
Arkansas-----	1	-	1	-	-	1	1	24	34	-	2	1	
Louisiana-----	2	1	-	-	-	6	-	70	47	-	-	2	
Oklahoma-----	-	-	3	-	-	1	1	8	24	-	-	-	
Texas-----	2	-	6	-	-	4	3	82	99	1	6	4	
MOUNTAIN-----	12	3	9	-	-	2	2	53	39	-	1	2	
Montana-----	-	-	-	-	-	-	-	3	2	-	-	-	
Idaho-----	-	-	1	-	-	-	-	6	4	-	-	-	
Wyoming-----	11	1	-	-	-	1	-	3	2	-	-	-	
Colorado-----	-	1	6	-	-	-	1	6	11	-	-	-	
New Mexico-----	-	1	2	-	-	1	1	19	13	-	-	-	
Arizona-----	1	-	-	-	-	-	-	8	7	-	1	2	
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-	
PACIFIC-----	4	2	4	-	-	4	5	51	60	1	-	3	
Washington-----	-	-	2	-	-	3	-	3	3	-	-	-	
Oregon-----	1	-	2	-	-	-	-	9	5	-	-	-	
California-----	3	2	-	-	-	1	5	39	52	1	-	3	
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-	
Hawaii-----	1	1	-	-	-	-	-	1	4	-	-	-	
Puerto Rico-----	-	-	3	-	-	2	-	19	15	-	-	-	

<sup>2</sup>Aseptic meningitis.<sup>3</sup>Includes 9 cases of aseptic meningitis.<sup>4</sup>Includes 18 cases of aseptic meningitis.

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



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

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

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

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	37th week ended Sept. 13, 1958	36th week ended Sept. 6, 1958	Adjusted average, 37th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 37 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	<sup>1</sup> 10,233	9,314	9,817	+4.2	<sup>1</sup> 413,006	397,017	+4.0
New England----- (14 cities)	630	578	621	+1.4	26,063	25,551	+2.0
Middle Atlantic----- (20 cities)	2,841	2,643	2,830	+0.4	119,032	115,070	+3.4
East North Central----- (19 cities)	2,185	2,129	2,153	+1.5	87,985	85,453	+3.0
West North Central----- (9 cities)	709	645	707	+0.3	29,162	28,262	+3.2
South Atlantic----- (11 cities)	939	807	798	+17.7	36,042	33,398	+7.9
East South Central----- (8 cities)	480	350	463	+3.7	19,306	17,761	+8.7
West South Central----- (13 cities)	942	768	774	+21.7	35,316	33,381	+5.8
Mountain----- (8 cities)	<sup>1</sup> 293	247	226	+29.6	<sup>1</sup> 11,018	9,898	+11.3
Pacific----- (12 cities)	<sup>1</sup> 1,214	1,147	1,190	+2.0	<sup>1</sup> 49,082	46,243	+1.7

<sup>1</sup>Includes estimate 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	37th week ended Sept. 13, 1958	36th week ended Sept. 6, 1958	CUMULATIVE NUMBER FIRST 37 WEEKS		AREA	37th week ended Sept. 13, 1958	36th week ended Sept. 6, 1958	CUMULATIVE NUMBER FIRST 37 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:									
Boston, Mass.-----	194	195	8,986	8,616	WEST NORTH CENTRAL—Con.:				
Bridgeport, Conn.-----	41	33	1,388	1,391	St. Louis, Mo.-----	235	214	9,087	8,758
Cambridge, Mass.-----	26	26	1,065	1,114	St. Paul, Minn.-----	52	55	2,686	2,449
Fall River, Mass.-----	23	20	1,013	987	Wichita, Kans.-----	42	40	1,684	1,601
Hartford, Conn.-----	38	43	1,846	1,798	SOUTH ATLANTIC:				
Lowell, Mass.-----	25	20	978	1,033	Atlanta, Ga.-----	112	81	4,079	3,975
Lynn, Mass.-----	24	18	830	763	Baltimore, Md.-----	230	189	9,215	8,784
New Bedford, Mass.-----	24	20	878	889	Charlotte, N. C.-----	33	37	1,305	1,220
New Haven, Conn.-----	46	37	1,687	1,688	Jacksonville, Fla.-----	52	52	2,250	1,987
Providence, R. I.-----	65	57	2,368	2,278	Miami, Fla.-----	62	61	2,690	1,829
Somerville, Mass.-----	17	15	514	500	Norfolk, Va.-----	43	24	1,320	1,322
Springfield, Mass.-----	42	40	1,566	1,562	Richmond, Va.-----	78	55	2,803	2,743
Waterbury, Conn.-----	21	20	975	930	Savannah, Ga.-----	34	37	1,218	1,091
Worcester, Mass.-----	44	34	1,969	2,002	St. Petersburg, Fla.-----	---	(61)	---	---
					Tampa, Fla.-----	46	65	2,509	2,297
					Washington, D. C.-----	215	172	7,265	6,816
					Wilmington, Del.-----	34	34	1,388	1,334
MIDDLE ATLANTIC:									
Albany, N. Y.-----	50	40	1,807	1,810	EAST SOUTH CENTRAL:				
Allentown, Pa.-----	30	18	1,207	1,391	Birmingham, Ala.-----	77	52	3,235	2,862
Buffalo, N. Y.-----	156	134	5,544	5,247	Chattanooga, Tenn.-----	44	34	1,794	1,694
Camden, N. J.-----	39	44	1,583	1,468	Knoxville, Tenn.-----	19	14	1,027	1,022
Elizabeth, N. J.-----	44	31	1,132	1,040	Louisville, Ky.-----	91	78	4,064	3,839
Erie, Pa.-----	35	48	1,319	1,314	Memphis, Tenn.-----	107	70	4,286	3,919
Jersey City, N. J.-----	50	53	2,619	2,488	Mobile, Ala.-----	37	35	1,447	1,317
Newark, N. J.-----	75	87	3,536	3,753	Montgomery, Ala.-----	45	21	1,267	927
New York City, N. Y.-----	1,409	1,331	60,185	58,039	Nashville, Tenn.-----	60	46	2,186	2,181
Paterson, N. J.-----	41	40	1,525	1,429	WEST SOUTH CENTRAL:				
Philadelphia, Pa.-----	391	375	18,651	17,826	Austin, Tex.-----	35	23	1,225	1,096
Pittsburgh, Pa.-----	186	157	7,109	6,603	Baton Rouge, La.-----	22	29	1,051	910
Reading, Pa.-----	15	15	792	861	Corpus Christi, Tex.-----	21	17	780	779
Rochester, N. Y.-----	93	77	3,720	3,513	Dallas, Tex.-----	111	102	4,288	4,040
Schenectady, N. Y.-----	22	23	843	871	El Paso, Tex.-----	39	18	1,333	1,148
Scranton, Pa.-----	43	24	1,280	1,387	Fort Worth, Tex.-----	51	47	2,256	2,287
Syracuse, N. Y.-----	63	66	2,311	2,135	Houston, Tex.-----	186	125	5,923	5,518
Trenton, N. J.-----	44	27	1,754	1,631	Little Rock, Ark.-----	51	47	2,025	1,986
Utica, N. Y.-----	28	24	989	1,168	New Orleans, La.-----	153	131	6,583	6,387
Yonkers, N. Y.-----	27	29	1,126	1,096	Oklahoma City, Okla.-----	74	59	2,524	2,273
EAST NORTH CENTRAL:									
Akron, Ohio-----	44	44	2,118	1,966	San Antonio, Tex.-----	88	82	3,634	3,518
Canton, Ohio-----	40	26	1,166	1,131	Shreveport, La.-----	56	46	1,837	1,715
Chicago, Ill.-----	632	703	28,022	27,525	Tulsa, Okla.-----	55	42	1,857	1,724
Cincinnati, Ohio-----	148	134	6,007	5,573	MOUNTAIN:				
Cleveland, Ohio-----	222	188	7,739	7,622	Albuquerque, N. Mex.-----	29	33	1,060	945
Columbus, Ohio-----	110	133	4,188	4,135	Colorado Springs, Colo.-----	16	14	544	503
Dayton, Ohio-----	79	67	2,701	2,640	Denver, Colo.-----	107	75	4,160	4,053
Detroit, Mich.-----	314	284	11,793	11,846	Ogden, Utah-----	14	9	556	451
Evansville, Ind.-----	27	27	1,454	1,144	Phoenix, Ariz.-----	45	44	1,670	1,092
Flint, Mich.-----	29	25	1,387	1,365	Pueblo, Colo.-----	14	14	2,468	472
Fort Wayne, Ind.-----	35	35	1,304	1,302	Salt Lake City, Utah-----	50	40	1,788	1,622
Gary, Ind.-----	18	24	1,180	1,061	Tucson, Ariz.-----	18	18	772	760
Grand Rapids, Mich.-----	31	41	1,532	1,494	PACIFIC:				
Indianapolis, Ind.-----	153	123	4,738	4,340	Berkeley, Calif.-----	16	10	699	703
Madison, Wis.-----	---	(34)	---	(1,176)	Fresno, Calif.-----	(43)	(47)	(1,436)	---
Milwaukee, Wis.-----	106	102	4,862	4,748	Glendale, Calif.-----	(36)	(20)	(1,241)	---
Peoria, Ill.-----	34	32	1,178	1,081	Long Beach, Calif.-----	51	50	2,036	1,993
Rockford, Ill.-----	(13)	(18)	(968)	(933)	Los Angeles, Calif.-----	417	395	17,880	17,440
South Bend, Ind.-----	22	17	983	947	Oakland, Calif.-----	76	94	3,468	3,464
Toledo, Ohio-----	97	83	3,687	3,511	Pasadena, Calif.-----	42	28	1,306	1,310
Youngstown, Ohio-----	44	41	1,946	2,022	Portland, Oreg.-----	181	105	23,689	3,532
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	41	53	2,014	2,004	Sacramento, Calif.-----	46	44	1,937	1,984
Duluth, Minn.-----	25	17	927	956	San Diego, Calif.-----	73	82	3,013	2,923
Kansas City, Kans.-----	32	7	962	1,085	San Francisco, Calif.-----	196	183	6,981	7,057
Kansas City, Mo.-----	100	116	4,525	4,338	San Jose, Calif.-----	(24)	(20)	(837)	---
Lincoln, Nebr.-----	(37)	(15)	(933)	---	Seattle, Wash.-----	123	103	4,940	4,805
Minneapolis, Minn.-----	114	97	4,690	4,568	Spokane, Wash.-----	52	23	1,701	1,687
Omaha, Nebr.-----	68	46	2,587	2,503	Tacoma, Wash.-----	41	30	1,432	1,445
					Honolulu, Hawaii-----	(38)	(32)	(1,359)	(1,423)

<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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