

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

October 7, 1955

Washington 25, D. C.

Vol. 4, No. 39

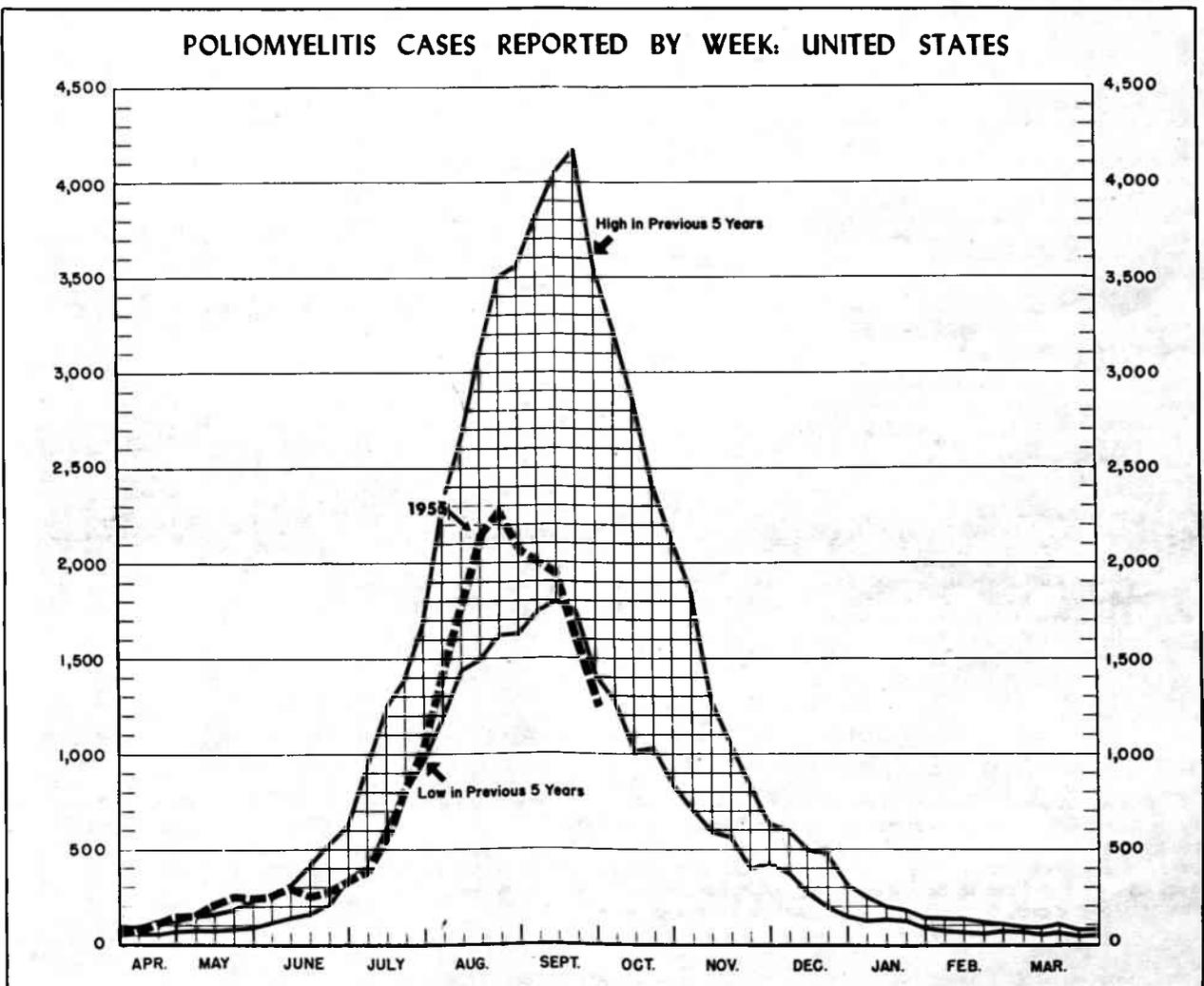
## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 1, 1955

Of the 38 cases of diphtheria reported this week, 26 were in the South Atlantic and East South Central Divisions. States in these divisions reporting more than 2 cases were Alabama (11), North Carolina (5), Georgia (4), and Tennessee (3).

The incidence of poliomyelitis continues to decline, a total of 1,260 cases being reported for the week ended October 1. This is 21 percent below the number (1,604) for the previous week, and is also lower than the number reported in any of the previous 5 years. Decreases occurred in most geographic di-

visions, especially in the northeastern part of the country. Massachusetts showed less decrease as compared with the previous week. This is due to a rise in the number of cases in Essex County and a continuing active focus in Berkshire County. Both Rhode Island and Connecticut reported the same number of cases in the current as compared with the previous week, 26 and 38 cases, respectively. Incidence declined in up-State New York, while New York City showed a slight increase over the previous week. There was a 20 percent decrease in the num-

### POLIOMYELITIS CASES REPORTED BY WEEK: UNITED STATES



ber of cases reported in Wisconsin. The numbers of cases reported in the West South Central, Mountain, and Pacific Divisions were slightly higher than for the previous week. However, incidence is below that for 1954.

The Poliomyelitis Surveillance Unit, Public Health Service Communicable Disease Center, reports that the total number of accepted cases of paralytic poliomyelitis among vaccinated persons is 239. Nonparalytic cases total 478. The Poliomyelitis Surveillance Unit said that the number of reported cases of poliomyelitis, paralytic and nonparalytic, among 7 million vaccinated children throughout the United States is now running 25 to 50 percent below the incidence expected without vaccination in the same age groups. The incidence was substantially lower beginning with the second month after vaccination, and there was also strong evidence of lessened severity after the second month. Preliminary analyses show a distinct lowering of incidence of paralytic poliomyelitis in 8- and 9-year old children, and a small reduction in those 7 years old.

## EPIDEMIOLOGICAL REPORTS

Psittacosis

The California Department of Public Health reports a case of psittacosis in a 56-year-old man. The patient had influenza-like symptoms (generalized aching, fever of 105 degrees, and chills) for about 15 days. A chest X-ray showed consolidation in the left lower lobe and a diagnosis of psittacosis was confirmed by complement fixation tests. The patient was exposed to birds in 2 aviaries, one of which is owned by a son-in-law. Both owners reported that there was no history of illness among their birds. It was reported that the son-in-law was ill with fever (almost had pneumonia) about 5 weeks earlier, but this illness was not checked.

Typhoid fever

The California Department of Public Health reports 2 cases

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES  
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	39th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 1, 1955	Ended Oct. 2, 1954	Median 1950-54	First 39 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	-	-	22	17	25	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	10	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	26	28	---	979	1,304	---	---	---	---	---
Diphtheria-----055	38	69	69	<sup>2</sup> 1,120	1,304	1,993	<sup>2</sup> 411	432	547	July 1
Encephalitis, infectious-----082	41	58	36	1,167	1,454	670	636	898	465	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	482	675	---	25,769	40,516	---	---	---	---	---
Malaria-----110-117	24	30	---	382	561	---	(1)	(1)	(1)	(1)
Measles-----085	727	1,227	854	521,069	633,209	472,341	2,670	4,100	2,927	Sept. 1
Meningococcal infections-----057	42	47	62	2,740	3,259	3,259	169	200	200	Sept. 1
Poliomyelitis-----080	1,260	1,951	1,951	<sup>3</sup> 23,018	28,292	27,899	<sup>3</sup> 21,955	26,739	26,318	Apr. 1
Psittacosis-----096.2	<sup>4</sup> 5	3	---	<sup>5</sup> 207	457	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	4	5	8	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	5	7	6	248	262	295	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,464	1,290	901	117,479	119,143	85,677	12,222	11,402	7,404	Aug. 1
Smallpox-----084	-	-	-	-	-	11	(1)	(1)	(1)	(1)
Trichinosis-----128	3	4	---	217	197	---	(1)	(1)	(1)	(1)
Tularemia-----059	5	7	9	420	459	499	(1)	(1)	(1)	(1)
Typhoid fever-----040	55	62	62	1,333	1,756	1,776	1,026	1,350	1,471	Apr. 1
Typhus fever, endemic-----101	3	3	---	106	155	---	(1)	(1)	(1)	(1)
Whooping cough-----056	993	1,272	987	52,102	43,761	43,761	69,384	53,518	53,518	Oct. 1
Rabies in animals-----	72	115	115	4,036	5,396	5,449	5,389	7,180	---	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Addition: South Carolina, week ended September 17, 1 case. Deduction: South Carolina, week ended September 24, 3 cases.

<sup>3</sup>Deductions: Virginia and Washington, week ended September 24, 1 case each; Wyoming, week ended September 10, 1 case. Addition: Mississippi, week ended September 17, 1 case.

<sup>4</sup>California, Iowa, and Wisconsin, 1 case each; and Minnesota, 2 cases.

<sup>5</sup>Addition: Virginia, week ended September 24, 1 case.

## 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 Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

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

# Morbidity and Mortality Weekly Report

3

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 2, 1954 AND OCTOBER 1, 1955**

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MALARIA (110-117)			
									Civilian <sup>1</sup>		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	26	28	38	69	41	58	482	675	10	7	14	23
NEW ENGLAND-----	1	2	-	-	-	-	45	44	-	-	-	-
Maine-----	-	-	-	-	-	-	2	7	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	2	2	-	-	-	-
Massachusetts-----	1	1	-	-	-	-	35	25	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	2	6	-	-	-	-
Connecticut-----	-	1	-	-	-	-	4	3	-	-	-	-
MIDDLE ATLANTIC-----	1	1	1	-	5	6	118	173	1	-	1	3
New York-----	1	1	-	-	2	6	53	104	-	-	-	2
New Jersey-----	-	-	-	-	3	-	14	8	1	-	1	1
Pennsylvania-----	-	-	1	-	-	-	51	61	-	-	-	-
EAST NORTH CENTRAL-----	6	10	1	2	17	3	52	75	-	-	-	1
Ohio-----	-	-	-	2	-	-	22	7	-	-	-	-
Indiana-----	-	-	-	-	15	-	7	7	-	-	-	-
Illinois-----	6	6	1	-	1	2	11	35	-	-	-	-
Michigan-----	-	1	-	-	-	1	3	14	-	-	-	1
Wisconsin-----	-	3	-	-	1	-	9	12	-	-	-	-
WEST NORTH CENTRAL-----	15	6	2	7	3	10	28	57	1	-	-	-
Minnesota-----	-	2	-	-	-	-	17	17	1	-	-	-
Iowa-----	7	2	-	1	-	-	2	25	-	-	-	-
Missouri-----	3	1	-	-	-	-	-	6	-	-	-	-
North Dakota-----	-	-	-	-	2	2	1	-	-	-	-	-
South Dakota-----	3	-	2	-	-	1	4	3	-	-	-	-
Nebraska-----	-	1	-	6	1	-	1	-	-	-	-	-
Kansas-----	-	-	-	-	-	7	3	6	-	-	-	-
SOUTH ATLANTIC-----	1	3	10	29	-	2	46	89	-	-	2	6
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	1	3	-	-	8	11	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	-	-
Virginia-----	-	1	-	-	-	-	16	38	-	-	2	2
West Virginia-----	-	-	-	1	-	-	1	10	-	-	-	-
North Carolina-----	-	1	5	7	-	1	5	11	-	-	-	-
South Carolina-----	-	-	-	3	-	-	5	1	-	-	-	4
Georgia-----	-	1	4	14	-	1	5	7	-	-	-	-
Florida-----	1	-	1	-	-	-	5	10	-	-	-	-
EAST SOUTH CENTRAL-----	-	3	16	15	1	1	29	78	2	-	-	13
Kentucky-----	-	-	-	-	-	-	9	39	-	-	-	13
Tennessee-----	-	2	3	-	1	1	12	12	1	-	-	-
Alabama-----	-	-	11	14	-	-	3	14	-	-	-	-
Mississippi-----	-	1	2	1	-	-	5	13	1	-	-	-
WEST SOUTH CENTRAL-----	3	1	4	16	6	12	40	40	4	6	2	-
Arkansas-----	-	-	-	1	-	-	3	-	-	4	-	-
Louisiana-----	1	-	1	14	-	-	4	7	-	-	2	-
Oklahoma-----	1	-	-	-	1	-	13	6	-	-	-	-
Texas-----	1	1	3	1	5	12	20	27	4	2	-	-
MOUNTAIN-----	1	-	-	-	1	-	36	41	-	-	-	-
Montana-----	-	-	-	-	1	-	7	3	-	-	-	-
Idaho-----	-	-	-	-	-	-	4	6	-	-	-	-
Wyoming-----	-	-	-	-	-	-	2	4	-	-	-	-
Colorado-----	1	-	-	-	-	-	8	7	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	8	-	-	-	-
Arizona-----	-	-	-	-	-	-	13	13	-	-	-	-
Utah-----	-	-	-	-	-	-	2	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	2	4	-	8	24	88	78	2	1	9	-
Washington-----	-	1	4	-	-	-	15	12	-	-	1	-
Oregon-----	-	-	-	-	-	-	15	15	1	-	-	-
California-----	-	1	-	-	8	24	58	51	1	1	8	-
Alaska-----	-	-	-	-	-	-	18	13	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	-	-	-	-	-
Puerto Rico-----	-	-	-	4	-	-	5	-	-	1	-	-

<sup>1</sup>Includes cases not specified as civilian or military.

## 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 2, 1954 AND OCTOBER 1, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
					Total <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)			
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	727	1,227	42	47	1,260	1,951	481	751	419	518	5	7
NEW ENGLAND-----	17	208	2	2	243	112	96	24	73	52	-	-
Maine-----	1	2	-	-	6	9	4	7	-	1	-	-
New Hampshire-----	-	58	-	-	12	4	-	-	-	-	-	-
Vermont-----	9	6	-	-	6	1	1	-	5	1	-	-
Massachusetts-----	4	118	-	2	155	75	75	15	49	43	-	-
Rhode Island-----	1	12	2	-	26	8	4	-	-	-	-	-
Connecticut-----	2	12	-	-	38	15	12	2	19	7	-	-
MIDDLE ATLANTIC-----	126	163	6	11	240	247	73	64	71	40	-	2
New York-----	70	74	2	6	149	107	59	35	58	25	-	1
New Jersey-----	12	63	1	1	38	49	14	29	13	15	-	-
Pennsylvania-----	44	26	3	4	53	91	-	-	-	-	-	1
EAST NORTH CENTRAL-----	86	231	10	9	353	512	113	178	110	97	-	-
Ohio-----	12	31	2	4	50	171	5	41	13	27	-	-
Indiana-----	7	9	2	1	19	42	6	17	6	2	-	-
Illinois-----	29	43	4	3	77	163	36	59	13	28	-	-
Michigan-----	20	108	2	-	52	90	14	39	24	33	-	-
Wisconsin-----	18	40	-	1	155	46	52	22	54	7	-	-
WEST NORTH CENTRAL-----	53	110	3	6	56	263	24	98	25	77	-	-
Minnesota-----	4	13	-	3	14	43	8	15	6	14	-	-
Iowa-----	27	11	-	-	10	72	4	31	5	27	-	-
Missouri-----	1	29	2	2	7	30	5	14	2	11	-	-
North Dakota-----	13	44	-	-	1	4	-	-	1	1	-	-
South Dakota-----	2	1	1	-	2	10	2	-	-	1	-	-
Nebraska-----	1	1	-	-	5	52	-	23	4	12	-	-
Kansas-----	5	11	-	1	17	52	5	15	7	11	-	-
SOUTH ATLANTIC-----	47	71	3	6	61	286	34	172	18	61	4	2
Delaware-----	1	1	-	-	2	5	1	2	1	3	-	-
Maryland-----	10	4	-	1	7	14	4	9	3	5	1	-
District of Columbia-----	2	-	-	-	4	5	3	4	1	-	-	-
Virginia-----	4	10	-	1	7	32	3	17	3	13	-	1
West Virginia-----	18	28	-	-	12	35	10	17	-	4	-	-
North Carolina-----	9	16	1	2	7	33	3	18	4	12	1	1
South Carolina-----	1	6	1	-	3	6	1	4	-	-	-	-
Georgia-----	2	3	-	1	8	24	4	10	3	5	2	-
Florida-----	-	3	1	1	11	132	5	91	3	19	-	-
EAST SOUTH CENTRAL-----	29	58	4	4	30	76	12	29	15	21	-	-
Kentucky-----	6	24	-	2	7	25	5	13	2	7	-	-
Tennessee-----	6	28	1	2	14	32	3	9	8	7	-	-
Alabama-----	7	1	3	-	4	12	2	7	2	5	-	-
Mississippi-----	10	5	-	-	5	7	2	-	3	2	-	-
WEST SOUTH CENTRAL-----	120	144	8	4	92	138	36	58	36	49	-	-
Arkansas-----	1	1	1	-	3	10	3	7	-	3	-	-
Louisiana-----	-	1	1	2	11	17	4	10	7	7	-	-
Oklahoma-----	6	1	-	-	15	18	2	4	4	3	-	-
Texas-----	113	141	6	2	63	93	27	37	25	36	-	-
MOUNTAIN-----	93	38	3	1	48	88	23	18	9	20	1	3
Montana-----	45	-	-	-	7	7	6	1	1	3	-	1
Idaho-----	7	4	-	-	11	3	5	-	1	-	-	-
Wyoming-----	4	-	-	-	-	10	-	2	-	-	-	-
Colorado-----	24	5	2	1	6	18	5	9	1	7	-	-
New Mexico-----	6	11	-	-	8	15	5	3	3	5	-	-
Arizona-----	4	12	1	-	6	11	2	3	3	5	-	1
Utah-----	2	6	-	-	7	21	-	-	-	-	1	1
Nevada-----	1	-	-	-	3	3	-	-	-	-	-	-
PACIFIC-----	156	204	3	4	137	229	70	110	62	101	-	-
Washington-----	44	107	-	-	21	29	9	14	7	2	-	-
Oregon-----	8	12	-	-	26	11	18	3	8	4	-	-
California-----	104	85	3	4	90	189	43	93	47	95	-	-
Alaska-----	-	-	1	-	3	9	2	5	1	4	-	-
Hawaii-----	4	19	-	-	6	2	4	2	2	-	-	-
Puerto Rico-----	34	47	-	-	1	-	1	-	-	-	-	-

<sup>2</sup>Includes cases not specified by type, category number (080.3).

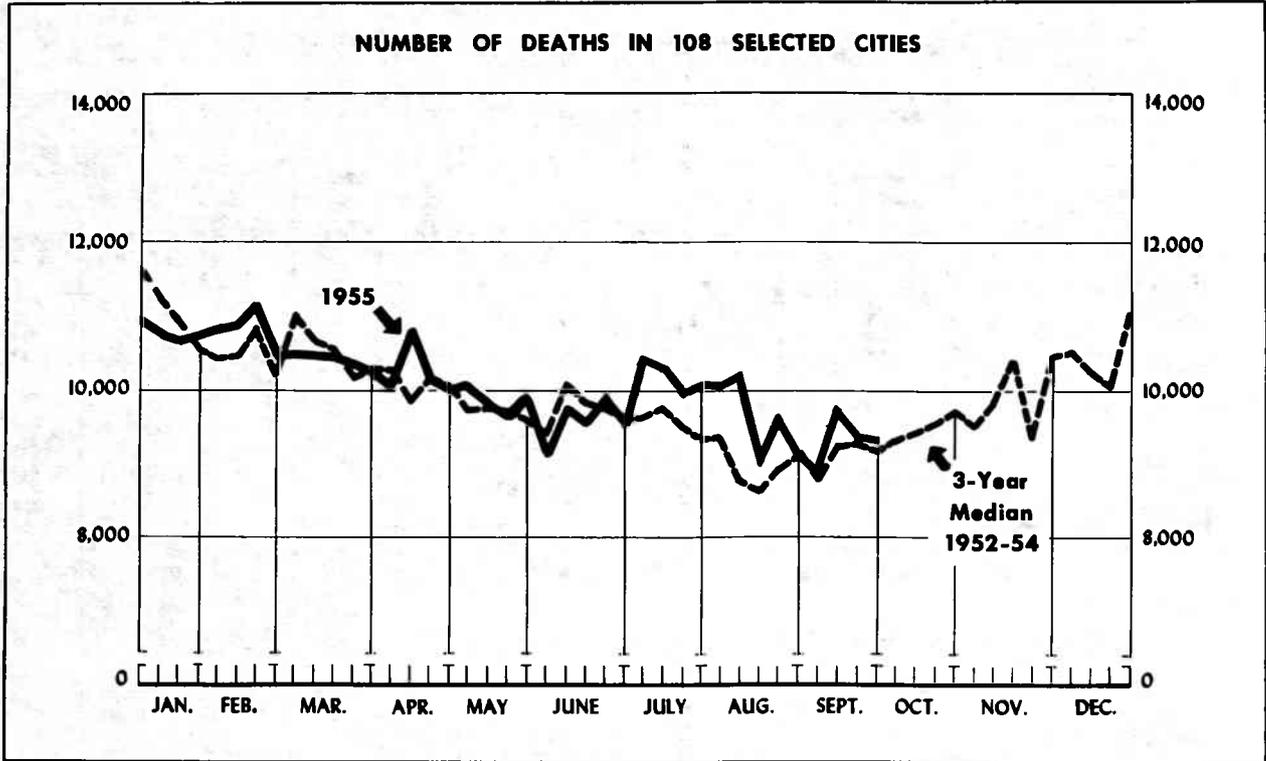
# Morbidity and Mortality Weekly Report

5

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 2, 1954 AND OCTOBER 1, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	1,464	1,290	3	5	7	55	62	3	993	1,272	72	115
NEW ENGLAND-----	22	25	1	-	-	-	4	-	49	182	-	-
Maine-----	1	2	-	-	-	-	-	-	14	3	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	1	-	-
Vermont-----	2	-	-	-	-	-	-	-	-	1	-	-
Massachusetts-----	14	15	1	-	-	-	2	-	23	56	-	-
Rhode Island-----	-	-	-	-	-	-	1	-	4	83	-	-
Connecticut-----	5	8	-	-	-	-	-	-	8	58	-	-
MIDDLE ATLANTIC-----	61	74	-	-	-	10	3	-	119	172	19	24
New York-----	38	46	-	-	-	6	2	-	49	70	17	23
New Jersey-----	14	11	-	-	-	1	-	-	26	47	-	-
Pennsylvania-----	9	17	-	-	-	3	1	-	44	55	2	1
EAST NORTH CENTRAL-----	141	130	-	1	-	7	4	-	319	345	5	16
Ohio-----	28	17	-	-	-	2	2	-	63	68	3	2
Indiana-----	9	42	-	-	-	1	-	-	25	15	1	7
Illinois-----	32	28	-	1	-	2	1	-	56	65	-	4
Michigan-----	54	31	-	-	-	1	1	-	140	161	1	-
Wisconsin-----	18	12	-	-	-	1	-	-	35	36	-	3
WEST NORTH CENTRAL-----	24	30	-	-	-	4	5	-	36	77	4	8
Minnesota-----	11	11	-	-	-	-	-	-	4	31	-	3
Iowa-----	2	6	-	-	-	-	-	-	12	11	-	3
Missouri-----	3	1	-	-	-	4	4	-	8	5	4	1
North Dakota-----	7	1	-	-	-	-	-	-	8	14	-	1
South Dakota-----	-	3	-	-	-	-	1	-	-	1	-	-
Nebraska-----	-	1	-	-	-	-	-	-	-	-	-	-
Kansas-----	1	7	-	-	-	-	-	-	4	15	-	-
SOUTH ATLANTIC-----	126	133	-	-	-	9	12	1	136	114	13	18
Delaware-----	1	-	-	-	-	-	-	-	2	-	-	-
Maryland-----	4	5	-	-	-	-	2	-	7	14	-	-
District of Columbia-----	1	4	-	-	-	-	-	-	2	2	-	-
Virginia-----	57	41	-	-	-	3	6	-	21	15	3	3
West Virginia-----	8	14	-	-	-	1	-	-	33	48	3	8
North Carolina-----	12	31	-	-	-	3	1	-	19	16	1	1
South Carolina-----	5	4	-	-	-	1	1	-	4	3	2	2
Georgia-----	34	24	-	-	-	-	1	-	13	7	3	3
Florida-----	4	10	-	-	-	1	1	1	35	9	1	1
EAST SOUTH CENTRAL-----	103	46	-	1	1	9	11	2	45	80	9	25
Kentucky-----	46	22	-	-	-	-	5	-	19	40	1	8
Tennessee-----	29	14	-	1	1	5	2	-	10	18	2	7
Alabama-----	12	8	-	-	-	2	3	2	15	22	4	7
Mississippi-----	16	2	-	-	-	2	1	-	1	-	2	3
WEST SOUTH CENTRAL-----	678	602	-	1	3	10	13	-	164	80	9	24
Arkansas-----	60	56	-	-	2	1	2	-	13	6	3	3
Louisiana-----	1	5	-	-	-	1	5	-	3	7	-	-
Oklahoma-----	18	19	-	-	-	1	1	-	9	2	-	-
Texas-----	599	522	-	1	1	7	5	-	139	65	6	21
MOUNTAIN-----	223	140	2	2	3	3	5	-	49	33	-	-
Montana-----	1	-	-	-	-	1	-	-	-	1	-	-
Idaho-----	4	2	-	-	-	-	-	-	4	3	-	-
Wyoming-----	6	1	-	-	2	-	-	-	2	-	-	-
Colorado-----	22	18	-	-	-	-	-	-	16	-	-	-
New Mexico-----	28	8	-	-	-	-	4	-	10	11	-	-
Arizona-----	121	89	2	-	-	2	1	-	12	13	-	-
Utah-----	39	22	-	2	1	-	-	-	5	4	-	-
Nevada-----	2	-	-	-	-	-	-	-	-	1	-	-
PACIFIC-----	86	110	-	-	-	3	5	-	76	189	13	-
Washington-----	27	26	-	-	-	-	-	-	2	23	-	-
Oregon-----	15	16	-	-	-	-	-	-	11	16	-	-
California-----	44	68	-	-	-	3	5	-	63	150	13	-
Alaska-----	6	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	2	-	-	-	-	-	-	-	9	-	-
Puerto Rico-----	-	-	-	-	-	1	4	-	4	32	-	1



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) 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 to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that 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.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 38 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their 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 DIVISION

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

AREA	39th week ended Oct. 1, 1955	38th week ended Sept. 24, 1955	39th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 39 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	9,301	9,305	9,114	+2.1	390,368	379,200	+2.9
New England----- (13 cities)	630	582	579	+8.8	25,127	23,883	+5.2
Middle Atlantic----- (17 cities)	2,742	2,736	2,672	+2.6	115,594	111,453	+3.7
East North Central----- (18 cities)	2,036	2,051	1,995	+2.1	86,243	83,358	+3.5
West North Central----- (8 cities)	602	684	634	-5.0	26,701	27,464	-2.8
South Atlantic----- (9 cities)	722	683	733	-1.5	29,653	29,102	+1.9
East South Central----- (8 cities)	405	466	423	-4.3	18,199	17,874	+1.8
West South Central----- (15 cities)	787	705	685	+14.9	30,631	30,047	+1.9
Mountain----- (8 cities)	223	213	218	+2.3	9,211	8,772	+5.0
Pacific----- (12 cities)	1,154	1,185	1,172	-1.5	49,009	47,247	+3.7

# Morbidity and Mortality Weekly Report

7

**Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 1, 1955**

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

CITY	39th week ended Oct. 1, 1955	38th week ended Sept. 24, 1955	CUMULATIVE NUMBER FOR FIRST 39 WEEKS		CITY	39th week ended Oct. 1, 1955	38th week ended Sept. 24, 1955	CUMULATIVE NUMBER FOR FIRST 39 WEEKS	
			1955	1954				1955	1954
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL--Con.</b>				
Boston-----	214	225	9,053	8,492	St. Louis-----	190	218	8,495	8,984
Bridgeport-----	---	(32)	---	(1,358)	St. Paul-----	59	61	2,487	2,456
Cambridge-----	32	24	1,119	1,049	Wichita-----	33	35	1,472	1,661
Fall River-----	31	22	1,067	1,051	<b>SOUTH ATLANTIC</b>				
Hartford-----	43	40	1,775	1,763	Atlanta-----	119	92	4,010	4,040
Lowell-----	24	25	967	1,041	Baltimore-----	194	194	8,678	8,210
Lynn-----	17	20	875	825	Charlotte-----	30	20	1,084	1,153
New Bedford-----	22	18	929	861	Jacksonville-----	(50)	(44)	(1,837)	(1,901)
New Haven-----	48	28	1,679	1,637	Miami-----	48	49	2,091	2,449
Providence-----	68	57	2,474	2,341	Norfolk-----	39	25	1,227	1,110
Somerville-----	8	11	582	534	Richmond-----	48	61	2,458	2,435
Springfield, Mass.-----	46	47	1,611	1,494	Savannah-----	---	(34)	---	(1,088)
Waterbury-----	23	21	979	904	Tampa-----	36	61	2,120	2,027
Worcester-----	54	44	2,017	1,891	Washington, D. C.-----	181	148	6,609	6,427
<b>MIDDLE ATLANTIC</b>					Wilmington, Del.-----	27	33	1,376	1,251
Albany-----	50	40	1,859	1,740	<b>EAST SOUTH CENTRAL</b>				
Allentown-----	(33)	(23)	(1,411)	(1,283)	Birmingham-----	80	73	2,973	2,838
Buffalo-----	128	132	5,249	5,167	Chattanooga-----	34	53	1,697	1,680
Camden-----	27	32	1,421	1,429	Knoxville-----	23	27	1,292	1,307
Elizabeth-----	17	22	1,022	1,073	Louisville-----	98	87	4,060	4,153
Erie-----	27	26	1,360	1,302	Memphis-----	86	128	3,838	3,738
Jersey City-----	56	64	2,683	2,611	Mobile-----	21	22	1,114	1,228
Newark, N. J.-----	102	87	3,901	3,732	Montgomery-----	20	39	1,005	1,004
New York City-----	1,496	1,420	60,458	58,624	Nashville-----	45	37	2,220	1,926
Paterson-----	23	34	1,440	1,447	<b>WEST SOUTH CENTRAL</b>				
Philadelphia-----	408	407	18,561	17,706	Austin-----	27	19	997	986
Pittsburgh-----	160	215	6,872	6,137	Baton Rouge-----	23	11	813	814
Reading-----	(18)	(15)	(869)	(783)	Corpus Christi-----	14	17	672	667
Rochester, N. Y.-----	85	79	3,611	3,506	Dallas-----	92	86	3,766	3,852
Schenectady-----	20	21	874	960	El Paso-----	29	30	1,117	1,022
Scranton-----	(26)	(43)	(1,301)	(1,314)	Fort Worth-----	67	49	2,115	2,155
Syracuse-----	49	54	2,144	2,099	Houston-----	121	104	4,823	4,674
Trenton-----	51	38	1,862	1,711	Little Rock-----	42	45	1,756	1,580
Utica-----	26	36	1,162	1,172	New Orleans-----	147	125	5,824	5,720
Yonkers-----	17	29	1,115	1,037	Oklahoma City-----	50	55	2,187	2,296
<b>EAST NORTH CENTRAL</b>					San Antonio-----	73	82	3,322	3,005
Akron-----	56	52	2,049	2,099	Shreveport-----	37	43	1,520	1,498
Canton-----	24	34	1,051	1,084	Tulsa-----	65	39	1,739	1,778
Chicago-----	665	680	28,108	27,697	<b>MOUNTAIN</b>				
Cincinnati-----	123	121	5,758	5,365	Albuquerque-----	14	18	880	1,018
Cleveland-----	186	197	7,637	7,619	Colorado Springs-----	10	9	502	452
Columbus-----	86	87	4,126	3,858	Denver-----	104	95	4,176	3,884
Dayton-----	47	57	2,521	2,434	Ogden-----	9	7	421	431
Detroit-----	289	303	12,625	11,840	Phoenix-----	30	24	930	801
Evansville-----	29	22	1,218	1,159	Pueblo-----	9	10	496	508
Flint-----	30	32	1,414	1,458	Salt Lake City-----	44	46	1,635	1,520
Fort Wayne-----	33	29	1,313	1,003	Tucson-----	3	4	171	158
Gary-----	(23)	(30)	(1,073)	(977)	<b>PACIFIC</b>				
Grand Rapids-----	36	28	1,627	1,506	Berkeley-----	13	16	693	681
Indianapolis-----	105	111	4,265	4,262	Long Beach-----	53	47	1,920	1,866
Milwaukee-----	111	111	4,849	4,686	Los Angeles-----	391	446	17,844	16,816
Peoria-----	34	27	1,132	1,167	Oakland-----	90	70	3,364	3,546
South Bend-----	18	28	949	874	Pasadena-----	32	26	1,437	1,269
Toledo-----	109	83	3,595	3,399	Portland, Oreg.-----	72	81	3,618	3,794
Youngstown-----	55	49	2,006	1,848	Sacramento-----	46	49	1,910	1,757
<b>WEST NORTH CENTRAL</b>					San Diego-----	57	89	2,844	2,777
Des Moines-----	49	51	2,008	1,939	San Francisco-----	197	176	7,199	7,044
Duluth-----	8	39	995	1,050	Seattle-----	117	110	4,944	4,664
Kansas City, Kans.-----	---	(28)	---	(1,302)	Spokane-----	56	41	1,772	1,730
Kansas City, Mo.-----	86	101	4,204	4,609	Tacoma-----	30	34	1,464	1,303
Minneapolis-----	118	117	4,545	4,403	Honolulu-----	(42)	(36)	(1,379)	(1,299)
Omaha-----	59	62	2,495	2,362					

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

## EPIDEMIOLOGICAL REPORTS—Continued

of typhoid fever which have been traced to a single carrier. One of the cases was in a child who arrived from Maryland to visit her grandparents. This child became ill about 3 weeks after arrival in California. *Salmonella typhosa*, phage type De VI was isolated from stool specimens. The other case was in a relative, a child in an adjoining county. An investigation revealed that both children had visited their grandmother's home and played together in an area of a malfunctioning cesspool and septic tank. This is a possible source of infection, but it cannot be determined whether the infection was contracted here or in the home of the grandmother. The grandmother was found to be a carrier of the same type of organism as was found in the child from Maryland. Laboratory examination of stool and urine specimens from the local child were negative.

Gastro-enteritis

Dr. D. N. Wysham, Washington State Department of Health, reports an outbreak of gastro-enteritis among persons who purchased frozen turkey at a county fair. Of 18 persons located who had eaten some of the meat, 12 became ill with nausea, vomiting, abdominal cramps, diarrhea, chills, fever, and leg cramps. The investigation revealed that those who became ill had eaten turkey 3 to 6 hours prior to the onset of their illness. Specimens of turkey were obtained from 2 different sources, and also a nose culture was made from the person who prepared the turkey. This person is known to have had chronic sinusitis. Coagulase positive, hemolytic *Staphylococcus aureus* was found in both specimens and from the nose culture. Facilities for bacteriophage typing were available and the cultures from the 3 sources were found to be of identical type. Measures were taken to prevent the recurrence of food poisoning from this source.

The Los Angeles County Health Department reports an outbreak of gastro-enteritis among approximately 50 persons who ate food in a private residence. Of these, 30 became ill with fever, nausea, vomiting, abdominal cramps, and prostration from 2 to 11 hours later. Chicken salad served in sandwiches was suspected to be the vehicle of infection, but none was available for bacteriological examination. No stool specimens were collected for laboratory tests.

Suspect infectious mononucleosis

The Oklahoma State Department of Health has reported an outbreak of disease, possibly infectious mononucleosis, in the south central part of the State. More than 40 cases have been observed in military personnel, their dependents, and the civilian population of the locality. The disease appears to be highly infectious and many mild cases are suspected. Symptoms have included sore throat, malaise, but no fever. Palpable lymph nodes, liver, and spleen have been found on physical examination. The blood smears have shown no abnormalities, and liver function tests have been normal. However, other laboratory specimens are being obtained for diagnostic purposes, and an intensive epidemiologic investigation is being conducted.

GPO 360364

If you do not desire to continue receiving this publication, please check here  and return.

Official Business

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
Washington 25, D. C.

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE, \$300  
GPO