

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS WORTH 3-4744

For release July 22, 1960

Washington 25, D. C.

Vol. 9, No. 28

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 16, 1960

There was a sharp increase in the number of reported cases of poliomyelitis for the week ended July 16 as compared with the previous week. There was a total of 95 cases of which 69 were paralytic and 21 nonparalytic as compared with the previous week's total of 49 cases of which 39 were paralytic. For the same week in 1959 there were 255 cases, 169 paralytic. For the same week in 1958 there was a total of 123 cases, 52 being paralytic. The cumulative total of paralytic cases for 1960 is 457 as compared with 969 in 1959 and 437 in 1958.

The largest number of cases was reported in Rhode Island. Eighteen of the total of 24 were paralytic, 5 nonparalytic, and 1 unspecified. The cases continue to be concentrated in Providence (12 cases) and Pawtucket (6 cases). The remainder were scattered. Eleven of the 24 cases were under 5 years of age,

12 were 5 to 9 years, and 1 was 10 years old. A total of 47 paralytic cases have been reported in Rhode Island since January 1 as compared with 2 last year.

California reported 12 paralytic cases with 1 death. Nine of the 12 occurred in Los Angeles County. The number of paralytic cases reported in the State since January 1 is 134 as compared with 100 for the same period last year. While 61 cases with paralysis have been reported in Los Angeles County and 15 in San Diego County there has been no significant local concentration in either of these highly urbanized areas. Information that is available for 97 of the 134 paralytic cases reported in the State shows that 70 percent were under 10 years of age. About 62 percent of the cases under 10 had had no poliomyelitis vaccine and 20 percent had 1 or 2 doses.

Table 1. Cases of Specified Notifiable Diseases, United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	28th week			Cumulative						Approximate seasonal low point
	Ended July 16, 1960	Ended July 18, 1959	Median 1955-59	First 28 weeks			Since seasonal low week			
				1960	1959	Median 1955-59	1959-60	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	1	-	10	10	12	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	6	6	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	29	13	23	460	421	548	(1)	(1)	(1)	(1)
Diphtheria-----055	9	17	15	348	419	496	17	22	25	July 1
Encephalitis, infectious-----082	42	69	39	917	850	841	268	272	263	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	563	338	285	20,786	12,693	11,912	29,216	18,129	18,129	Sept. 1
Malaria-----110-117	1	-	2	30	38	55	(1)	(1)	(1)	(1)
Measles-----085	5,824	3,649	5,190	383,529	350,447	504,748	422,998	404,447	560,498	Sept. 1
Meningitis, aseptic-----340 pt.	76	---	---	893	---	---	---	---	---	---
Meningococcal infections-----057	49	40	44	1,354	1,391	1,481	2,018	2,257	2,490	Sept. 1
Poliomyelitis-----080	95	255	255	621	1,453	1,950	401	1,160	1,420	Apr. 1
Paralytic-----080.0,080.1	69	169	169	457	969	969	303	761	761	Apr. 1
Nonparalytic-----080.2	21	68	167	120	338	924	81	290	758	Apr. 1
Unspecified-----080.3	5	18	35	44	146	263	17	109	174	Apr. 1
Psittacosis-----096.2	2	2	5	57	65	162	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	3	3	(1)	(1)	(1)	(1)
Streptococcal sore throat, including scarlet fever-----050,051	3,043	---	---	201,284	---	---	---	---	---	---
Typhoid fever-----040	22	22	34	379	354	634	251	227	373	Apr. 1
Typhus fever, endemic-----101	2	-	5	44	16	61	39	10	41	Apr. 1
Rabies in animals-----	84	83	85	2,194	2,132	2,702	3,243	3,038	3,719	Oct. 1

¹Data show no pronounced seasonal change in incidence.

Morbidity and Mortality Weekly Report

A small concentration of cases was reported in South Carolina where there were 12 cases of which 7 were paralytic. There were 2 deaths. Seven of the 12 cases occurred in Cherokee County and 5 in adjoining Spartanburg County. It was reported that none of the cases reported had been adequately immunized.

Illinois reported 7 cases (5 paralytic), Pennsylvania 5 cases (3 paralytic), and Alabama 4 paralytic cases. The number reported in Puerto Rico was 19, all paralytic. A total of 306 paralytic cases have been reported since January 1 as compared with 3 last year.

EPIDEMIOLOGICAL REPORTS

Staphylococcal food poisoning

Dr. I. J. Tarakow, Nassau County, New York Health Department, has supplied a delayed report of an outbreak involving a housewife and 3 teenage children. Onset of illness began 3 to 5 hours after eating lunch which consisted of egg salad sandwiches, well-cooked Polish sausage, ice cream, and coffee. The housewife was admitted to a hospital in shock and with an imperceptible pulse. However, she recovered. The 3 children were less seriously ill but had vomiting, abdominal cramps, and diarrhea. The egg salad was prepared from 5-day old unrefrigerated "Easter eggs" and mayonnaise. Specimens of the egg salad and mayonnaise were reported to be "loaded" with coagulase-positive staphylococci. It was believed by the investigator that staphylococcal enterotoxin was preformed in the mayonnaise.

Gastroenteritis

Dr. D. S. Fleming, Minnesota Department of Health, has supplied information on an outbreak of gastroenteritis in a school. Fifty-five cases were reported among 280 pupils and 18 teachers who ate a noonday school lunch consisting of potato salad, fish sticks, egg salad sandwiches, pineapple, rice, cornbread, cheese, and milk. Symptoms which began 4 to 5 hours after eating consisted of nausea, vomiting, abdominal cramps, and occasional diarrhea. One person had to be hospitalized. No samples of food were available for bacteriologic examination, but it is stated that the potato salad was the suspected source because of "improper refrigeration of the

cooked potatoes" used in preparation of the salad.

Dr. C. M. Steward, District Health Officer, New York State, and H. C. Paller have reported the occurrence of 7 cases of gastroenteritis following consumption of cream-filled pastries purchased from a bakery. The 7 persons became ill after an incubation period of 2 to 4 hours with vomiting, diarrhea, abdominal cramps, and prostration. Specimens of the pastry were not examined bacteriologically. However, it was learned that there was no refrigeration of this product after baking.

Dr. F. K. Laurentz, Texas Department of Health, has supplied information on an outbreak of gastroenteritis among persons who attended a wedding reception. Twenty-three of 200 persons who attended the reception became ill with abdominal cramps and nausea 2 to 4 hours after eating. The food served consisted of potato salad, rice, beans, chicken with sauce, and punch. The only food commonly eaten by all who became ill was potato salad which had been prepared in different homes. It remained unrefrigerated for approximately 6 to 7 hours before serving. The lack of refrigeration when the temperature was about 98° F. and the fact that all who were ill ate the salad were considered to indicate that the salad was the vehicle of infection. None was available for bacteriologic examination.

Dr. W. R. Giedt, Washington State Department of Health, has reported a family outbreak of gastroenteritis that followed the eating of canned boneless ham. The ham had been purchased from a commissary about 2 weeks prior to the time it was eaten. The family had eaten some of the ham on one day with other food, in sandwiches the next day, and for lunch on the third day. Three members of the family became ill 2 to 4 hours after the meal on the third day. The symptoms were severe and consisted of nausea, vomiting, abdominal pain, diarrhea, dehydration, and low blood pressure. All were hospitalized. None of the ham was available for bacteriologic examination. It was stated that all canned hams at the commissary were under refrigeration.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 18, 1959, AND JULY 16, 1960

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

Area	Polioyelitis 080										Menin- glitis, aseptic 340 pt.	Brucel- losis (undu- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	28th week		Cumulative, first 28 weeks		28th week		Cumulative, first 28 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES-----	95	255	621	1,453	69	169	457	969	21	68	76	29
NEW ENGLAND-----	25	5	71	13	19	4	60	11	5	1	1	-
Maine-----	-	-	6	-	-	-	6	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	-	1	7	5	-	1	6	4	-	-	1	-
Rhode Island-----	24	-	57	2	18	-	47	2	5	-	-	-
Connecticut-----	1	4	1	5	1	3	1	4	-	1	-	-
MIDDLE ATLANTIC-----	10	10	60	69	7	7	43	38	3	1	18	1
New York-----	3	9	40	53	3	6	29	30	-	1	6	-
New Jersey-----	2	1	8	13	1	1	7	6	1	-	9	-
Pennsylvania-----	5	-	12	3	3	-	7	2	2	-	3	1
EAST NORTH CENTRAL-----	10	21	65	124	6	11	29	60	3	8	9	9
Ohio-----	-	5	21	50	-	3	7	19	-	1	2	-
Indiana-----	1	3	3	13	1	2	1	11	-	1	4	1
Illinois-----	7	7	21	15	5	4	15	8	2	2	2	8
Michigan-----	2	6	17	41	-	2	5	18	1	4	1	-
Wisconsin-----	-	-	3	5	-	-	1	4	-	-	-	-
WEST NORTH CENTRAL-----	4	69	33	310	2	38	18	170	1	23	1	8
Minnesota-----	-	5	14	15	-	5	11	12	-	-	1	2
Iowa-----	1	19	9	122	-	7	2	67	1	8	-	3
Missouri-----	2	32	6	96	1	20	4	57	-	10	-	-
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	-	1	3	-	-	-	-	-	-	-	-
Nebraska-----	1	8	1	40	1	6	1	26	-	2	-	2
Kansas-----	-	5	2	33	-	-	-	8	-	3	-	1
SOUTH ATLANTIC-----	15	34	83	227	9	25	65	170	4	9	2	3
Delaware-----	-	-	-	3	-	-	-	3	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	1	-
Virginia-----	-	8	-	30	-	5	-	24	-	3	1	3
West Virginia-----	1	6	8	25	-	4	7	17	1	2	-	-
North Carolina-----	-	6	18	31	-	6	17	28	-	-	-	-
South Carolina-----	12	1	21	15	7	1	14	9	3	-	-	-
Georgia-----	-	6	4	28	-	4	3	23	-	2	-	-
Florida-----	2	7	31	95	2	5	24	66	-	2	-	-
EAST SOUTH CENTRAL-----	6	30	24	143	6	29	21	108	-	1	10	1
Kentucky-----	-	-	8	13	-	-	5	11	-	-	5	-
Tennessee-----	1	12	3	42	1	12	3	35	-	-	1	1
Alabama-----	4	15	6	46	4	15	6	41	-	-	-	-
Mississippi-----	1	3	7	42	1	2	7	21	-	1	4	-
WEST SOUTH CENTRAL-----	12	59	82	353	7	37	49	246	5	20	12	4
Arkansas-----	3	11	8	66	2	9	4	60	1	2	-	1
Louisiana-----	3	5	25	46	2	3	18	35	1	2	-	1
Oklahoma-----	1	9	4	44	1	5	4	22	-	2	-	1
Texas-----	5	34	45	197	2	20	23	129	3	14	12	1
MOUNTAIN-----	-	12	23	64	-	5	13	37	-	3	-	-
Montana-----	-	-	10	2	-	-	6	-	-	-	-	-
Idaho-----	-	1	4	4	-	-	1	-	-	-	-	-
Wyoming-----	-	-	1	2	-	-	-	1	-	-	-	-
Colorado-----	-	2	2	6	-	2	2	5	-	-	-	-
New Mexico-----	-	4	2	17	-	-	-	7	-	1	-	-
Arizona-----	-	4	3	30	-	3	3	24	-	1	-	-
Utah-----	-	-	1	2	-	-	1	-	-	-	-	-
Nevada-----	-	1	-	1	-	-	-	-	-	1	-	-
PACIFIC-----	13	15	180	150	13	13	159	129	-	2	23	3
Washington-----	-	3	7	13	-	3	7	13	-	-	1	-
Oregon-----	-	5	16	20	-	4	11	16	-	1	-	-
California-----	12	7	150	117	12	6	134	100	-	1	22	3
Alaska-----	-	-	2	-	-	-	-	-	-	-	-	-
Hawaii-----	1	-	5	(4)	1	-	5	(4)	-	-	-	-
Puerto Rico-----	19	-	311	3	19	-	306	3	-	-	-	-

¹Includes 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, AND PUERTO RICO, FOR WEEKS ENDED JULY 18, 1959, AND JULY 16, 1960--Continued

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

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	28th week		Cumulative, first 28 weeks		082		28th week		Cumulative, first 28 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES-----	9	17	348	419	42	69	563	338	20,786	12,693	5,824	3,649
NEW ENGLAND-----	-	-	10	5	-	3	16	5	626	399	438	217
Maine-----	-	-	2	-	-	-	-	1	44	73	34	49
New Hampshire-----	-	-	-	-	-	-	-	1	20	11	3	-
Vermont-----	-	-	-	-	-	-	1	-	10	21	63	4
Massachusetts-----	-	-	7	5	-	3	9	1	313	175	215	86
Rhode Island-----	-	-	1	-	-	-	5	-	123	40	48	-
Connecticut-----	-	-	-	-	-	-	1	2	116	79	75	78
MIDDLE ATLANTIC-----	-	3	10	38	8	10	59	55	2,199	1,866	1,110	681
New York-----	-	-	2	20	1	10	33	37	1,114	1,129	829	502
New Jersey-----	-	-	1	9	5	-	6	3	170	218	205	127
Pennsylvania-----	-	3	7	9	2	-	20	15	915	519	76	52
EAST NORTH CENTRAL-----	2	-	30	20	8	8	82	55	3,920	2,105	2,350	745
Ohio-----	-	-	14	7	1	6	26	8	1,287	622	215	104
Indiana-----	-	-	4	2	-	1	6	7	467	203	50	56
Illinois-----	-	-	3	8	3	1	20	11	813	429	115	114
Michigan-----	2	-	8	1	3	-	28	27	1,190	734	963	109
Wisconsin-----	-	-	1	2	1	-	2	2	163	117	1,007	362
WEST NORTH CENTRAL-----	-	-	18	36	-	6	32	30	1,572	1,026	47	63
Minnesota-----	-	-	5	17	-	-	2	5	163	244	13	15
Iowa-----	-	-	2	3	-	-	1	8	270	95	16	9
Missouri-----	-	-	2	3	-	1	17	9	588	290	7	12
North Dakota-----	-	-	1	2	-	-	2	6	122	213	11	21
South Dakota-----	-	-	5	3	-	-	-	-	117	10	-	-
Nebraska-----	-	-	1	8	-	-	6	1	151	50	-	6
Kansas-----	-	-	2	-	-	5	4	1	161	124	(*)	(*)
SOUTH ATLANTIC-----	4	10	83	99	4	2	70	34	2,503	1,143	273	316
Delaware-----	-	-	-	-	-	-	7	1	156	70	16	8
Maryland-----	-	2	1	3	1	-	8	7	244	277	46	40
District of Columbia-----	-	-	-	-	-	1	3	-	23	11	21	10
Virginia-----	1	-	10	7	-	-	8	9	503	236	55	75
West Virginia-----	-	-	4	1	-	-	9	2	479	210	60	63
North Carolina-----	-	-	2	8	1	-	10	4	209	64	9	47
South Carolina-----	-	-	20	7	-	-	-	1	43	17	2	2
Georgia-----	2	1	19	34	-	-	2	-	171	95	23	1
Florida-----	1	7	27	39	2	1	23	10	675	163	41	70
EAST SOUTH CENTRAL-----	-	-	40	47	-	5	65	17	3,099	1,146	325	119
Kentucky-----	-	-	2	5	-	1	18	10	1,204	542	76	47
Tennessee-----	-	-	6	5	-	-	17	1	1,004	259	242	59
Alabama-----	-	-	20	9	-	1	20	5	662	251	7	11
Mississippi-----	-	-	12	28	-	3	10	1	229	94	-	2
WEST SOUTH CENTRAL-----	3	4	123	156	4	19	65	27	1,737	982	339	424
Arkansas-----	-	-	2	34	1	4	2	1	75	48	6	-
Louisiana-----	-	1	28	40	-	-	3	-	81	94	-	8
Oklahoma-----	-	-	6	2	-	-	4	9	242	137	10	2
Texas-----	3	3	87	80	3	15	56	17	1,339	703	323	414
MOUNTAIN-----	-	-	33	12	1	2	46	60	1,709	1,792	323	294
Montana-----	-	-	2	-	-	-	1	10	66	175	22	26
Idaho-----	-	-	11	-	1	-	12	5	220	193	33	52
Wyoming-----	-	-	5	-	-	1	2	1	17	45	1	1
Colorado-----	-	-	3	4	-	-	16	10	605	546	117	-
New Mexico-----	-	-	5	6	-	-	1	9	235	360	-	36
Arizona-----	-	-	3	1	-	1	13	20	398	348	82	84
Utah-----	-	-	4	-	-	-	-	2	147	108	28	95
Nevada-----	-	-	-	1	-	-	1	3	21	17	40	-
PACIFIC-----	-	-	1	6	17	14	128	55	3,421	2,234	619	790
Washington-----	-	-	-	-	-	3	13	4	405	313	44	64
Oregon-----	-	-	-	1	-	-	17	16	583	446	212	114
California-----	-	-	4	16	11	93	35	35	2,239	1,459	307	568
Alaska-----	-	-	1	1	1	-	5	-	140	16	45	44
Hawaii-----	-	-	-	(2)	-	-	-	-	54	(28)	11	(39)
Puerto Rico-----	3	-	94	17	-	-	6	21	447	164	14	25

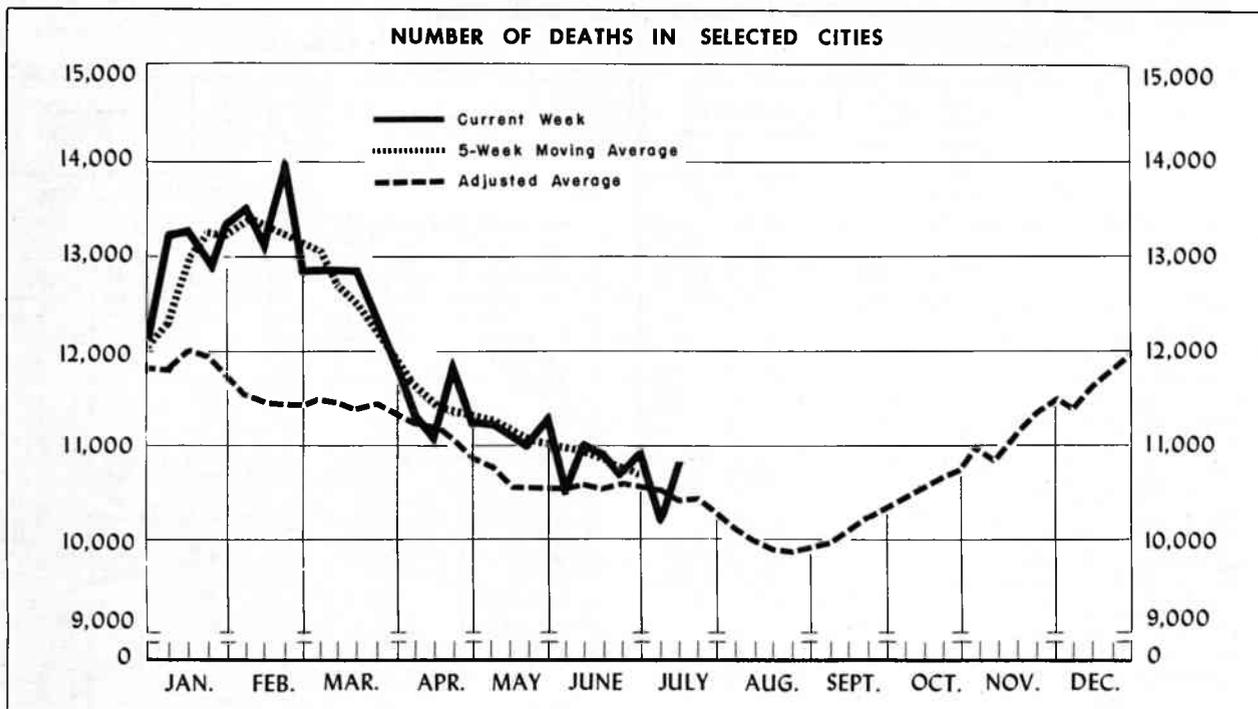
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 18, 1959, AND JULY 16, 1960--Continued

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

Area	Malaria	Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117	057		096.2	050,051	28th week		Cumulative, first 28 weeks		101	1960	1959
	1960	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES-----	1	49	40	2	3,043	22	22	379	354	2	64	83
NEW ENGLAND-----	-	1	2	-	89	2	2	7	9	-	-	-
Maine-----	-	-	2	-	2	-	-	2	1	-	-	-
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	2	-	-	-	-	-	-	-
Massachusetts-----	-	1	-	-	28	1	-	3	2	-	-	-
Rhode Island-----	-	-	-	-	4	-	-	-	1	-	-	-
Connecticut-----	-	-	-	-	52	1	2	2	5	-	-	-
MIDDLE ATLANTIC-----	-	13	7	1	134	3	2	25	33	-	22	14
New York-----	-	5	3	-	85	1	1	19	13	-	21	13
New Jersey-----	-	1	3	-	34	-	-	-	7	-	-	-
Pennsylvania-----	-	7	1	1	15	2	1	6	13	-	1	1
EAST NORTH CENTRAL-----	-	11	10	1	189	5	1	41	43	-	13	9
Ohio-----	-	2	2	-	33	4	1	10	21	-	4	-
Indiana-----	-	-	-	-	38	-	-	10	6	-	3	5
Illinois-----	-	5	6	1	24	1	-	11	8	-	1	-
Michigan-----	-	4	1	-	56	-	-	6	7	-	2	3
Wisconsin-----	-	-	1	-	38	-	-	4	1	-	3	1
WEST NORTH CENTRAL-----	-	4	4	-	58	2	1	23	20	-	11	28
Minnesota-----	-	1	1	-	6	-	-	1	-	-	1	8
Iowa-----	-	-	-	-	15	-	-	3	1	-	-	9
Missouri-----	-	2	1	-	7	1	-	15	10	-	9	6
North Dakota-----	-	1	-	-	23	-	1	1	2	-	-	2
South Dakota-----	-	-	-	-	-	-	-	1	2	-	-	-
Nebraska-----	-	-	2	-	-	-	-	1	1	-	1	3
Kansas-----	-	-	-	-	7	1	-	1	4	-	-	-
SOUTH ATLANTIC-----	-	5	3	-	207	5	6	58	64	1	4	10
Delaware-----	-	-	-	-	3	-	-	1	-	-	-	-
Maryland-----	-	-	-	-	2	1	1	1	1	-	-	-
District of Columbia-----	-	-	1	-	-	1	-	5	2	-	-	-
Virginia-----	-	1	-	-	57	2	-	14	14	-	2	1
West Virginia-----	-	-	-	-	35	-	1	2	4	-	2	1
North Carolina-----	-	4	1	-	14	-	-	8	5	-	-	-
South Carolina-----	-	-	-	-	25	-	-	8	5	-	-	-
Georgia-----	-	-	-	-	15	1	2	11	14	-	-	5
Florida-----	-	-	1	-	56	-	2	8	19	1	-	3
EAST SOUTH CENTRAL-----	-	7	4	-	654	1	6	53	48	-	7	6
Kentucky-----	-	6	1	-	68	-	1	13	7	-	2	2
Tennessee-----	-	-	3	-	577	-	1	25	23	-	5	4
Alabama-----	-	1	-	-	4	1	1	10	7	-	-	-
Mississippi-----	-	-	-	-	5	-	3	5	11	-	-	-
WEST SOUTH CENTRAL-----	1	3	1	-	650	4	3	123	75	1	22	16
Arkansas-----	-	-	-	-	-	-	1	22	16	-	8	7
Louisiana-----	-	1	1	-	1	-	1	48	10	-	-	-
Oklahoma-----	-	-	-	-	7	-	-	5	11	-	-	-
Texas-----	1	2	-	-	642	4	1	48	38	1	14	9
MOUNTAIN-----	-	-	2	-	824	-	-	19	16	-	3	-
Montana-----	-	-	-	-	13	-	-	5	1	-	-	-
Idaho-----	-	-	-	-	22	-	-	-	3	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	1	-	-	-
Colorado-----	-	-	-	-	300	-	-	-	2	-	3	-
New Mexico-----	-	-	-	-	236	-	-	6	5	-	-	-
Arizona-----	-	-	1	-	121	-	-	6	4	-	-	-
Utah-----	-	-	-	-	132	-	-	-	-	-	-	-
Nevada-----	-	-	1	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	5	7	-	238	-	1	30	46	-	2	-
Washington-----	-	-	-	-	39	-	-	1	1	-	-	-
Oregon-----	-	1	1	-	25	-	-	6	2	-	-	-
California-----	-	4	6	-	157	-	1	23	42	-	2	-
Alaska-----	-	-	-	-	17	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	5	16	11	-	1	3

Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 117 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 for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1955-59, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

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 selected cities. 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 used.

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. Data exclude figures shown in parentheses in table 4)

Area	28th week ended July 16, 1960	27th week ended July 9, 1960	Adjusted average, 28th week 1955-59	Percent change, adjusted average to current week ¹	Cumulative, first 28 weeks		
					1960	1959	Percent change
TOTAL, 117 REPORTING CITIES-----	² 10,829	10,151	10,406	+4.1	² 334,011	323,231	+3.3
New England----- (14 cities)	650	657	672	-3.3	20,989	20,303	+3.4
Middle Atlantic----- (20 cities)	3,150	2,763	3,063	+2.8	92,576	93,494	-1.0
East North Central----- (21 cities)	² 2,386	2,180	2,345	+1.7	² 71,748	69,755	+2.9
West North Central----- (9 cities)	691	670	739	-6.5	23,217	22,270	+4.3
South Atlantic----- (11 cities)	922	929	905	+1.9	29,047	27,646	+5.1
East South Central----- (8 cities)	510	500	489	+4.3	15,187	14,467	+5.0
West South Central----- (13 cities)	960	824	896	+7.1	29,422	26,606	+10.6
Mountain----- (8 cities)	² 326	335	275	+18.5	² 10,410	9,022	+15.4
Pacific----- (13 cities)	1,234	1,293	1,295	-4.7	41,415	39,668	+4.4

¹Adjusted average used as base.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

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

Area	28th week ended July 16, 1960	27th week ended July 9, 1960	Cumulative, first 28 weeks		Area	28th week ended July 16, 1960	27th week ended July 9, 1960	Cumulative, first 28 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	213	218	7,292	6,929	St. Louis, Mo.-----	231	201	7,190	6,790
Bridgeport, Conn.-----	32	40	1,205	1,173	St. Paul, Minn.-----	59	63	2,044	1,864
Cambridge, Mass.-----	36	32	926	797	Wichita, Kans.-----	28	48	1,317	1,361
Fall River, Mass.-----	23	31	846	818	SOUTH ATLANTIC:				
Hartford, Conn.-----	55	40	1,364	1,410	Atlanta, Ga.-----	105	116	3,389	3,149
Lowell, Mass.-----	22	28	694	664	Baltimore, Md.-----	227	232	7,376	6,990
Lynn, Mass.-----	23	16	700	663	Charlotte, N.C.-----	29	40	1,164	1,056
New Bedford, Mass.-----	17	17	701	664	Jacksonville, Fla.-----	42	68	1,783	1,643
New Haven, Conn.-----	41	51	1,297	1,282	Miami, Fla.-----	76	90	2,138	2,049
Providence, R.I.-----	61	53	1,851	1,877	Norfolk, Va.-----	45	22	1,194	1,139
Somerville, Mass.-----	10	11	405	370	Richmond, Va.-----	59	96	2,286	2,241
Springfield, Mass.-----	43	48	1,336	1,281	Savannah, Ga.-----	43	30	1,045	926
Waterbury, Conn.-----	28	24	813	783	St. Petersburg, Fla.-----	(76)	(70)	(2,133)	(1,865)
Worcester, Mass.-----	46	48	1,559	1,592	Tampa, Fla.-----	63	51	1,949	1,824
MIDDLE ATLANTIC:					Washington, D.C.-----	193	155	5,615	5,538
Albany, N.Y.-----	45	33	1,290	1,581	Wilmington, Del.-----	40	29	1,108	1,091
Allentown, Pa.-----	29	27	1,023	1,017	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	136	148	4,265	4,162	Birmingham, Ala.-----	80	77	2,481	2,327
Camden, N.J.-----	45	41	1,254	1,165	Chattanooga, Tenn.-----	65	45	1,370	1,300
Elizabeth, N.J.-----	24	28	837	852	Knoxville, Tenn.-----	15	31	844	784
Erie, Pa.-----	40	34	1,120	1,076	Louisville, Ky.-----	134	103	3,313	3,215
Jersey City, N.J.-----	66	63	2,042	2,158	Memphis, Tenn.-----	125	121	3,268	3,155
Newark, N.J.-----	71	88	2,786	2,882	Mobile, Ala.-----	20	30	1,169	1,120
New York City, N.Y.-----	1,578	1,402	47,041	47,827	Montgomery, Ala.-----	25	30	1,012	924
Paterson, N.J.-----	26	36	1,119	1,094	Nashville, Tenn.-----	46	63	1,730	1,642
Philadelphia, Pa.-----	523	442	14,181	14,310	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	221	116	5,596	5,364	Austin, Tex.-----	39	12	1,008	905
Reading, Pa.-----	22	15	689	654	Baton Rouge, La.-----	21	37	835	761
Rochester, N.Y.-----	101	82	2,855	2,760	Corpus Christi, Tex.-----	14	22	699	580
Schenectady, N.Y.-----	25	22	681	690	Dallas, Tex.-----	105	118	3,633	3,336
Scranton, Pa.-----	31	37	1,090	1,107	El Paso, Tex.-----	40	36	1,113	1,033
Syracuse, N.Y.-----	56	60	1,796	1,807	Fort Worth, Tex.-----	42	59	1,941	1,803
Trenton, N.J.-----	46	34	1,266	1,266	Houston, Tex.-----	199	79	4,876	4,396
Utica, N.Y.-----	30	22	796	815	Little Rock, Ark.-----	45	44	1,685	1,558
Yonkers, N.Y.-----	35	35	908	907	New Orleans, La.-----	173	200	5,309	4,717
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	79	70	2,174	1,933
Akron, Ohio-----	53	52	1,614	1,697	San Antonio, Tex.-----	84	73	2,954	2,735
Canton, Ohio-----	34	23	995	959	Shreveport, La.-----	60	48	1,574	1,438
Chicago, Ill.-----	718	699	22,079	21,544	Tulsa, Okla.-----	59	26	1,621	1,411
Cincinnati, Ohio-----	148	107	4,485	4,541	MOUNTAIN:				
Cleveland, Ohio-----	207	172	6,143	5,914	Albuquerque, N. Mex.-----	29	49	888	870
Columbus, Ohio-----	98	110	3,399	3,280	Colorado Springs, Colo.-----	18	15	486	429
Dayton, Ohio-----	167	71	2,072	1,913	Denver, Colo.-----	90	103	3,405	3,324
Detroit, Mich.-----	311	280	9,865	9,369	Ogden, Utah-----	12	12	482	444
Evansville, Ind.-----	43	32	1,052	1,072	Phoenix, Ariz.-----	81	63	2,234	1,473
Flint, Mich.-----	22	49	1,141	1,156	Pueblo, Colo.-----	115	16	2,448	387
Fort Wayne, Ind.-----	40	33	1,081	1,024	Salt Lake City, Utah-----	53	49	1,410	1,416
Gary, Ind.-----	35	31	915	878	Tucson, Ariz.-----	28	28	1,057	679
Grand Rapids, Mich.-----	49	40	1,198	1,208	PACIFIC:				
Indianapolis, Ind.-----	147	104	4,212	3,988	Berkeley, Calif.-----	20	20	487	490
Madison, Wis.-----	30	40	930	829	Fresno, Calif.-----	(29)	(48)	(1,299)	(1,136)
Milwaukee, Wis.-----	128	113	3,582	3,662	Glendale, Calif.-----	(31)	(32)	(1,090)	(1,030)
Peoria, Ill.-----	37	37	853	821	Honolulu, Hawaii-----	25	57	1,188	1,069
Rockford, Ill.-----	31	27	832	793	Long Beach, Calif.-----	69	59	1,597	1,567
South Bend, Ind.-----	24	31	817	754	Los Angeles, Calif.-----	425	427	14,760	13,821
Toledo, Ohio-----	104	85	2,876	2,835	Oakland, Calif.-----	105	71	2,773	2,640
Youngstown, Ohio-----	60	44	1,607	1,518	Pasadena, Calif.-----	32	22	977	910
WEST NORTH CENTRAL:					Portland, Ore.-----	81	117	3,170	3,236
Des Moines, Iowa-----	50	47	1,618	1,511	Sacramento, Calif.-----	53	50	1,662	1,559
Duluth, Minn.-----	22	14	728	759	San Diego, Calif.-----	69	106	2,559	2,302
Kansas City, Kans.-----	23	29	987	969	San Francisco, Calif.-----	147	167	5,687	5,621
Kansas City, Mo.-----	106	88	3,667	3,432	San Jose, Calif.-----	(33)	(43)	(982)	(719)
Lincoln, Nebr.-----	(35)	(28)	(749)	(731)	Seattle, Wash.-----	118	124	3,994	3,843
Minneapolis, Minn.-----	108	115	3,547	3,522	Spokane, Wash.-----	60	36	1,346	1,409
Omaha, Nebr.-----	64	65	2,119	2,062	Tacoma, Wash.-----	30	37	1,215	1,201

¹Estimated.

²Includes estimate for current week.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

GPO 894457

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

FIRST CLASS MAIL

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

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.