

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 8, 1960

Washington 25, D. C.

Vol. 9, No. 26

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 2, 1960

Reports were not received from New Hampshire, Florida, Oklahoma and Idaho, presumably because of the 4th of July holiday.

The incidence of poliomyelitis continues at a relatively low level for the country as a whole. Total cases numbered 44, 35 of which were paralytic. There were 109 paralytic cases for the same week last year, and 32 in 1958. The cumulative total of paralytic cases for 1960 is 348, 689 in 1959, and 329 in 1958.

Rhode Island reported a total of 10 cases of poliomyelitis, 8 of which were paralytic. Four of the 10 persons were under 5 years of age; 4 were 5 to 9 years; 1 was 12; and 1 was 24 years old. Six of the 10 cases occurred in Providence. The 13 cases in California, 12 of which were paralytic, were reported from 5 counties. Six of the paralytic cases occurred in Los Angeles County and 3 in San Diego. Mississippi reported 1 paralytic case, which was fatal. This was a person who had had 3 doses of vaccine. One fatal case was reported in

Hennepin County, Minnesota. The 4 cases of poliomyelitis in Illinois were scattered in 4 different counties. Twenty-four paralytic cases were reported in Puerto Rico, as compared with 29 paralytic and 3 nonparalytic cases for the previous week. Four cases each occurred in San Juan and Mayaguez Municipalities. A total of 262 paralytic cases have been reported in Puerto Rico since January 1, as compared with 3 in the same period of 1959.

Reported incidence of most notifiable diseases for which data are received from each State each week was not remarkably different in the first half of 1960 when compared with the same period last year.

One of the few diseases that showed a considerable increase in incidence was hepatitis, about 19,700 cases being reported as compared with about 12,000 in the first half of 1959, or an increase of about 64 percent. Since the beginning of the hepatitis

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	26th week			Cumulative						Approximate seasonal low point
	Ended July 2, 1960 ¹	Ended July 4, 1959	Median 1955-59	First 26 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	-	-	10	9	10	(2)	(2)	(2)	(2)
Botulism-----049.1	9 ²	-	-	6	6	3	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	9	19	19	422	393	499	(2)	(2)	(2)	(2)
Diphtheria-----055	5	9	9	331	397	451	899	999	1,224	July 1
Encephalitis, infectious-----082	29	31	31	831	750	750	182	172	172	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	554	266	266	19,659	12,045	11,357	28,089	17,481	17,481	Sept. 1
Malaria-----110-117	1	4	4	26	36	51	(2)	(2)	(2)	(2)
Measles-----085	8,025	5,455	8,017	370,867	341,572	492,510	410,336	395,572	548,260	Sept. 1
Meningitis, aseptic-----340 pt.	44	---	---	752	---	---	---	---	---	---
Meningococcal infections-----057	43	34	35	1,260	1,321	1,406	1,924	2,187	2,415	Sept. 1
Poliomyelitis-----080	44	172	172	476	1,021	1,515	256	728	985	Apr. 1
Paralytic-----080.0,080.1	35	109	109	348	689	689	194	481	481	Apr. 1
Nonparalytic-----080.2	8	41	80	88	216	654	49	168	488	Apr. 1
Unspecified-----080.3	1	22	22	40	116	204	13	79	115	Apr. 1
Fetters-----096.2	4	1	7	55	57	156	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	2	3	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	3,250	---	---	194,825	---	---	---	---	---	---
Typhoid fever-----040	26	22	25	325	313	550	197	186	289	Apr. 1
Typhus fever, endemic-----101	4	-	1	38	16	49	33	10	29	Apr. 1
Rabies in animals-----	42	78	66	2,041	1,976	2,528	3,090	2,882	3,578	Oct. 1

¹Data exclude reports from Florida, Idaho, New Hampshire, and Oklahoma.

²Data show no pronounced seasonal change in incidence.

³Reported in Minnesota.

disease year, which began about September 1, the increase amounted to about 63.2 percent. One or more States in each geographic division of the country have reported increases in the present year which indicates a countrywide rise in incidence. The reason for this increase is not known although it usually is suggested that it represents part of the upward swing of a cycle.

There was an increase of about 13 percent in numbers of cases of brucellosis reported. More than half of the total, which was 422 cases, were notified in Iowa, where a large number were detected in employees of a swine-slaughtering plant. The first of these cases were observed late in November and December 1959. Another factor in the preponderance of cases in Iowa is a continuing program of investigation of the disease in persons exposed to animals on farms and in slaughterhouses. Kansas, Illinois, Virginia, Minnesota, South Dakota, and Missouri reported the next largest number of cases in the order named. However, the number in each of these States was well below the total for Iowa.

The number of cases of endemic or murine typhus fever reported annually has been relatively small in recent years. However, there is an increase from 16 for the first half of 1959 to 38 in the same period of 1960. About 84 percent of the 38 cases were reported in Texas where they were concentrated in the southernmost part of the State.

There was a small increase in numbers of cases of encephalitis reported, most of which probably were post-infectious types following measles, mumps and other acute infectious diseases. Some of the increase may be due to a greater frequency of laboratory examination of specimens from cases exhibiting signs of central nervous system involvement.

A 7.5 percent increase in numbers of cases of rabies in animals was reported in the first half of 1960. In many States rabies in animals is predominately in wildlife species such as foxes and skunks. These same States also reported relatively large numbers of cases in cattle that had been exposed to rabid wild animals. Rabies in bats has been identified in 25 States since first demonstrated in Florida in 1953. Only 1 case of human rabies occurred but was not reported officially.

The incidence of typhoid fever was slightly higher in the first half of 1960 as compared with 1959. However, the East and West South Central States have reported increases of 72 and 93 percent, respectively. All but two States in these 2 divisions reported increases ranging from 42 percent in Texas

to over 660 percent in Louisiana. In the latter State there was an epidemic which accounted for most of the increase.

There was a 15 percent decrease in number of cases of diphtheria. Peak incidence of this disease usually occurs in the late fall when most of the cases are reported in Southern States. Peak incidence for Northern and Western States usually occurs in winter months; consequently the 15 percent decrease may reflect a decline in these States.

There was a considerable reduction in number of total cases of poliomyelitis and of paralytic cases in the first half of 1960. In making comparisons with the previous year, it must be borne in mind that cases reported in the first 3 months are a part of the previous poliomyelitis year. In comparison with 1959, there was a 25 percent reduction in the first 3 months of 1960, and a 56 percent reduction in the second quarter, which is the beginning of the 1960 poliomyelitis season.

The two human cases of bubonic plague reported in New Mexico indicate a continuing infection in wild rodents and their ectoparasites in the western part of the United States. The very slight increase in anthrax is due to a group of cases occurring among employees of a manufacturing plant in which goat hair was used.

EPIDEMIOLOGICAL REPORTS

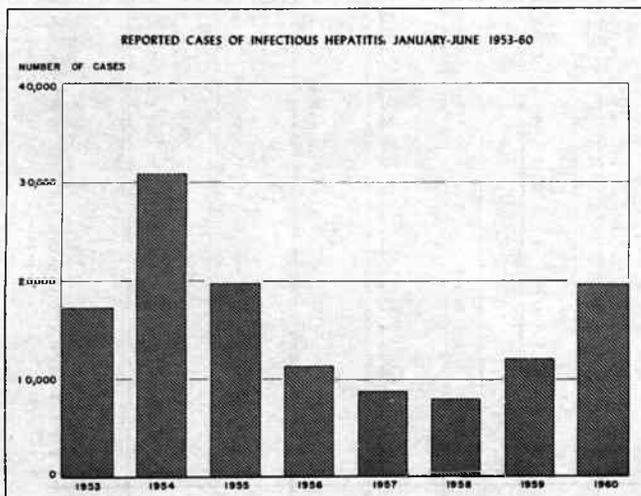
Typhoid fever

Dr. C. T. Caraway, Louisiana State Board of Health, has supplied information on an outbreak of typhoid fever that followed a wedding reception. Thirty cases have been diagnosed among the 80 persons from 4 parishes who attended the reception. Refreshments consisted of home prepared chicken salad sandwiches, cake from a commercial bakery, and punch. Left over food was taken home and eaten by at least 17 persons who did not attend the wedding. All but 1 of the 30 persons are known to have eaten chicken salad sandwiches either at the reception or at home. The exception was a boy who lived in the community but did not attend the reception and denied eating any of the salad. His infection was bacteriologically proved to be the same phage type as the other cases. His incubation period was 17 days. His father keeps the key to the hall where the reception was held, and it is felt that he either ate a sandwich that was given him or one that he found after the reception.

The first laboratory confirmed case was in a neighboring parish, but 24 others in the parish where the reception was held were being suspected and investigated. To date, 30 cases have been reported, 10 of which have been confirmed by stool cultures. Two of the 10 also had positive blood cultures. Two cases were confirmed by positive blood cultures. Two were confirmed by positive urine cultures. All cultures obtained in this outbreak proved to be S. typhosa, type E-1. Others had serologic evidence of the infection.

Repeated examinations of the stools of 4 women who prepared the sandwiches were negative for S. typhosa. One woman who helped spread the sandwiches was a frank case. Specimens from another woman who assisted in cooking, boning, grinding the chicken, and mixing the salad were found to be positive for S. typhosa, type E-1. This 68-year-old woman denied recent illness, but she gave a history of previous cases of typhoid fever in the family. Evidence indicates that this person is a chronic carrier and the source of infection for this epidemic. Epidemiological evidence seems to favor chicken salad as the vehicle of infection. None was available for laboratory testing.

Continued on page 8



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 4, 1959, AND JULY 2, 1960

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

Area	Poliomyelitis 080										Men- gitis, aseptic 340 pt.	Brucel- losis (undul- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	26th week		Cumulative, first 26 weeks		26th week		Cumulative, first 26 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	44	172	476	1,021	35	109	348	689	8	41	44	9
NEW ENGLAND ² -----	11	-	34	8	8	-	31	7	2	-	-	-
Maine -----	-	-	6	-	-	-	6	-	-	-	-	-
New Hampshire -----	-	-	2	-	-	-	2	-	-	-	-	-
Vermont -----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts -----	1	-	7	4	-	-	6	3	-	-	-	-
Rhode Island -----	10	-	21	2	8	-	19	2	2	-	-	-
Connecticut -----	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC -----	1	5	47	50	1	4	33	25	-	-	18	-
New York -----	1	4	35	38	1	4	24	21	-	-	17	-
New Jersey -----	-	1	6	10	-	-	6	3	-	-	1	-
Pennsylvania -----	-	-	6	2	-	-	3	1	-	-	-	-
EAST NORTH CENTRAL -----	5	11	53	89	3	4	21	43	2	5	8	-
Ohio -----	-	3	20	35	-	-	6	12	-	1	2	-
Indiana -----	1	1	2	10	-	1	-	9	1	-	3	-
Illinois -----	4	-	14	6	3	-	10	2	1	-	3	-
Michigan -----	-	6	14	33	-	3	4	16	-	3	-	-
Wisconsin -----	-	1	3	5	-	-	1	4	-	1	-	-
WEST NORTH CENTRAL -----	1	68	28	191	1	37	15	108	-	19	2	4
Minnesota -----	1	-	13	6	1	-	10	5	-	-	2	-
Iowa -----	-	38	8	82	-	21	2	47	-	13	-	2
Missouri -----	-	16	4	55	-	9	3	33	-	3	-	-
North Dakota -----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota -----	-	-	1	3	-	-	-	-	-	-	-	-
Nebraska -----	-	11	-	27	-	6	-	18	-	1	-	-
Kansas -----	-	3	2	17	-	1	-	5	-	2	-	2
SOUTH ATLANTIC ² -----	3	19	63	179	2	15	51	135	1	4	-	2
Delaware -----	-	-	-	3	-	-	-	3	-	-	-	-
Maryland -----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia -----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia -----	-	2	-	17	-	2	-	15	-	-	-	2
West Virginia -----	2	-	6	19	2	-	6	13	-	-	-	-
North Carolina -----	1	3	18	21	-	2	17	18	1	1	-	-
South Carolina -----	-	1	7	12	-	-	5	7	-	1	-	-
Georgia -----	-	10	4	20	-	8	3	18	-	2	-	-
Florida -----	-	3	2 ²⁷	87	-	3	2 ²⁰	61	-	-	-	-
EAST SOUTH CENTRAL -----	1	14	15	92	1	11	12	62	-	2	2	2
Kentucky -----	-	1	8	12	-	1	5	10	-	-	2	2
Tennessee -----	-	3	1	27	-	2	1	20	-	-	-	-
Alabama -----	-	5	1	18	-	5	1	15	-	-	-	2
Mississippi -----	1	5	5	35	1	3	5	17	-	2	2	-
WEST SOUTH CENTRAL ² -----	8	36	61	235	6	21	39	169	2	9	2	1
Arkansas -----	2	6	4	39	1	6	1	37	1	-	-	1
Louisiana -----	3	8	18	37	3	6	14	30	-	2	-	-
Oklahoma -----	-	7	2 ³	27	-	-	2 ³	10	-	1	-	-
Texas -----	3	15	36	132	2	9	21	92	1	6	2	-
MOUNTAIN ² -----	1	7	23	48	1	6	13	30	-	1	-	-
Montana -----	-	-	10	2	-	-	6	-	-	-	-	-
Idaho -----	-	-	2 ⁴	3	-	-	2 ¹	-	-	-	-	-
Wyoming -----	-	1	1	2	-	1	-	1	-	-	-	-
Colorado -----	1	1	2	3	1	-	2	2	-	1	-	-
New Mexico -----	-	4	2	12	-	4	-	7	-	-	-	-
Arizona -----	-	1	3	24	-	1	3	20	-	-	-	-
Utah -----	-	-	1	2	-	-	1	-	-	-	-	-
Nevada -----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC -----	13	12	152	129	12	11	133	110	1	1	12	-
Washington -----	-	1	7	9	-	1	7	9	-	-	2	-
Oregon -----	-	2	16	15	-	2	11	12	-	-	-	-
California -----	13	9	123	105	12	8	109	89	1	1	10	-
Alaska -----	-	-	2	-	-	-	2	-	-	-	-	-
Hawaii -----	-	-	4	(4)	-	-	4	(4)	-	-	-	-
Puerto Rico -----	24	-	267	3	24	-	262	3	-	-	-	-

¹Includes cases not specified by type, category number 080.3.

²Data exclude reports from Florida, Idaho, New Hampshire, and Oklahoma for the current week.

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 4, 1959, AND JULY 2, 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	
	26th week		Cumulative, first 26 weeks		082		26th week		Cumulative, first 26 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	5	9	331	397	29	31	554	266	19,659	12,045	8,025	5,455
NEW ENGLAND ² -----	1	-	10	5	1	1	20	7	595	387	987	422
Maine-----	-	-	2	-	-	-	2	-	42	71	179	181
New Hampshire-----	-	-	2	-	-	-	-	-	20	10	-	1
Vermont-----	-	-	-	-	-	-	-	-	9	19	131	23
Massachusetts-----	1	-	7	5	1	-	12	6	298	171	523	119
Rhode Island-----	-	-	1	-	-	1	3	-	113	40	10	-
Connecticut-----	-	-	-	-	-	-	3	1	113	76	144	98
MIDDLE ATLANTIC-----	1	-	10	35	7	7	82	39	2,093	1,767	1,290	1,004
New York-----	1	-	2	20	2	5	46	23	1,047	1,064	956	533
New Jersey-----	-	-	1	9	3	-	4	5	162	211	227	284
Pennsylvania-----	-	-	7	6	2	2	32	11	884	492	107	187
EAST NORTH CENTRAL-----	-	-	25	19	4	-	115	39	3,766	1,986	3,123	1,140
Ohio-----	-	-	14	6	1	-	42	6	1,238	602	199	123
Indiana-----	-	-	4	2	-	-	7	3	457	195	139	78
Illinois-----	-	-	3	8	1	-	17	15	784	400	229	183
Michigan-----	-	-	3	1	2	-	49	15	1,127	678	996	301
Wisconsin-----	-	-	1	2	-	-	-	-	160	111	1,560	455
WEST NORTH CENTRAL-----	-	-	18	34	-	2	36	22	1,520	972	154	180
Minnesota-----	-	-	5	16	-	-	11	6	160	236	81	52
Iowa-----	-	-	2	3	-	1	8	2	263	85	6	37
Missouri-----	-	-	2	3	-	-	11	12	563	270	26	12
North Dakota-----	-	-	1	2	-	1	2	1	117	202	41	55
South Dakota-----	-	-	5	3	-	-	-	-	116	10	-	20
Nebraska-----	-	-	1	7	-	-	1	-	144	49	-	4
Kansas-----	-	-	2	-	-	-	3	1	157	120	(*)	(*)
SOUTH ATLANTIC ² -----	-	5	75	88	2	2	53	29	2,320	1,078	302	512
Delaware-----	-	-	-	-	-	-	4	2	137	62	4	7
Maryland-----	-	-	1	1	1	-	4	5	230	268	59	35
District of Columbia-----	-	-	-	-	-	-	3	-	19	11	14	21
Virginia-----	-	-	9	7	-	1	18	13	472	218	98	202
West Virginia-----	-	-	2	1	-	-	18	2	456	205	103	96
North Carolina-----	-	1	2	8	1	-	5	1	182	60	8	16
South Carolina-----	-	-	19	7	-	-	-	-	42	16	16	2
Georgia-----	-	4	17	33	-	-	1	5	163	95	-	47
Florida-----	-	-	25	31	-	1	-	1	2,619	143	-	86
EAST SOUTH CENTRAL-----	1	-	40	47	2	-	65	23	2,973	1,098	510	273
Kentucky-----	1	-	2	5	1	-	17	4	1,166	510	91	95
Tennessee-----	-	-	6	5	-	-	26	8	970	257	380	169
Alabama-----	-	-	20	9	-	-	19	7	624	239	33	7
Mississippi-----	-	-	12	28	1	-	3	4	213	92	6	2
WEST SOUTH CENTRAL ² -----	2	2	120	151	-	2	42	17	1,602	930	478	434
Arkansas-----	-	-	2	34	-	-	2	2	71	46	16	35
Louisiana-----	2	-	28	39	-	-	7	-	71	89	3	1
Oklahoma-----	-	-	26	2	-	-	-	3	216	123	-	9
Texas-----	-	2	84	76	-	2	33	12	1,244	672	459	389
MOUNTAIN ² -----	-	2	32	12	-	5	33	24	1,603	1,709	440	615
Montana-----	-	-	2	-	-	-	-	-	61	164	26	-
Idaho-----	-	-	11	-	-	-	-	1	204	185	-	37
Wyoming-----	-	-	5	-	-	-	-	-	13	44	-	-
Colorado-----	-	1	3	4	-	5	27	8	569	528	158	174
New Mexico-----	-	1	5	6	-	-	2	1	231	348	-	57
Arizona-----	-	-	3	1	-	-	4	7	360	323	99	158
Utah-----	-	-	3	-	-	-	-	7	145	103	115	97
Nevada-----	-	-	1	-	-	-	-	-	20	14	42	92
PACIFIC-----	-	-	1	6	13	12	108	66	3,187	2,118	741	875
Washington-----	-	-	-	-	-	2	15	6	384	302	54	88
Oregon-----	-	-	1	-	1	19	9	9	557	420	299	171
California-----	-	-	4	13	9	73	51	51	2,059	1,381	360	614
Alaska-----	-	-	1	1	-	-	1	-	133	15	-	2
Hawaii-----	-	-	-	(2)	-	-	-	-	54	(26)	28	(33)
Puerto Rico-----	1	-	91	17	-	-	13	10	433	135	19	34

²Data exclude reports from Florida, Idaho, New Hampshire, and Oklahoma for the current week.

Morbidity and Mortality Weekly Report

5

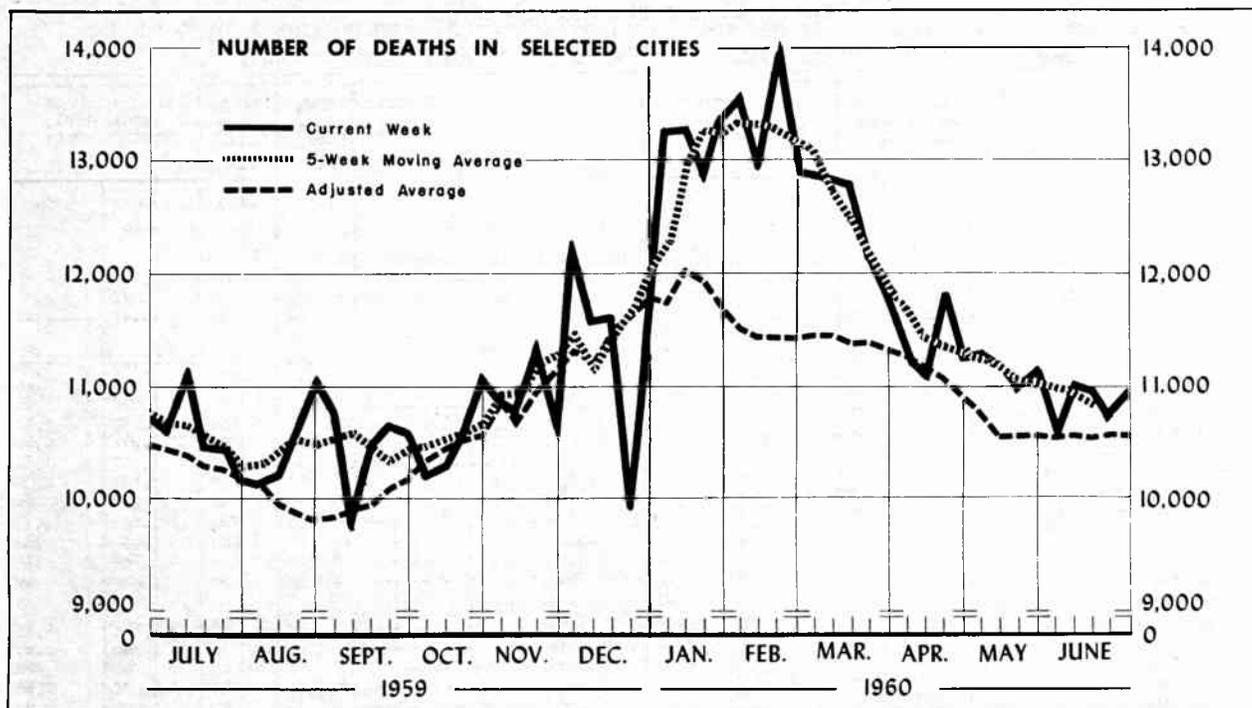
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 4, 1959, AND JULY 2, 1960—Continued

(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	26th week		Cumulative, first 26 weeks		101		
	1960	1959	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	1	43	34	4	3,250	26	22	325	313	4	42	78	
NEW ENGLAND ² -----	-	4	3	-	158	1	-	5	7	-	-	-	
Maine-----	-	-	-	-	3	1	-	2	1	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-	
Vermont-----	-	-	-	-	10	-	-	-	-	-	-	-	
Massachusetts-----	-	4	2	-	83	-	-	2	2	-	-	-	
Rhode Island-----	-	-	-	-	2	-	-	-	1	-	-	-	
Connecticut-----	-	-	1	-	60	-	-	1	3	-	-	-	
MIDDLE ATLANTIC-----	-	8	4	3	183	1	1	16	29	-	7	11	
New York-----	-	7	2	-	113	1	1	13	12	-	7	11	
New Jersey-----	-	-	2	-	32	-	-	-	6	-	-	-	
Pennsylvania-----	-	1	-	3	38	-	-	3	11	-	-	-	
EAST NORTH CENTRAL-----	1	13	4	1	375	2	1	33	41	-	6	9	
Ohio-----	1	2	1	-	73	-	-	5	20	-	1	-	
Indiana-----	-	3	1	-	63	-	-	9	5	-	3	-	
Illinois-----	-	2	2	-	38	1	1	9	8	-	2	2	
Michigan-----	-	6	-	-	133	1	-	6	7	-	-	1	
Wisconsin-----	-	-	-	1	68	-	-	4	1	-	-	6	
WEST NORTH CENTRAL-----	-	2	5	-	45	2	-	19	18	-	12	35	
Minnesota-----	-	-	1	-	14	-	-	1	-	-	1	6	
Iowa-----	-	-	1	-	19	1	-	2	1	-	6	1	
Missouri-----	-	-	2	-	-	1	-	14	10	-	4	8	
North Dakota-----	-	2	-	-	-	-	-	-	1	-	-	-	
South Dakota-----	-	-	-	-	-	-	-	1	2	-	-	16	
Nebraska-----	-	-	-	-	-	-	-	1	1	-	1	2	
Kansas-----	-	-	1	-	12	-	-	-	3	-	-	2	
SOUTH ATLANTIC ² -----	-	9	11	-	74	4	1	42	56	-	-	3	
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	-	-	5	-	-	-	-	-	-	-	
District of Columbia-----	-	1	-	-	4	2	-	4	2	-	-	-	
Virginia-----	-	-	-	-	32	-	-	5	14	-	-	-	
West Virginia-----	-	1	-	-	23	-	-	2	2	-	-	-	
North Carolina-----	-	6	3	-	5	-	-	8	5	-	-	-	
South Carolina-----	-	1	-	-	5	1	1	7	5	-	-	-	
Georgia-----	-	-	5	-	-	1	-	9	11	-	-	1	
Florida-----	-	-	3	-	-	-	-	27	17	-	-	2	
EAST SOUTH CENTRAL-----	-	4	-	-	571	3	7	50	36	-	2	7	
Kentucky-----	-	1	-	-	44	-	-	13	5	-	1	3	
Tennessee-----	-	-	-	-	522	1	5	24	17	-	-	2	
Alabama-----	-	-	-	-	3	1	-	9	6	-	1	2	
Mississippi-----	-	3	-	-	2	1	2	4	8	-	-	-	
WEST SOUTH CENTRAL ² -----	-	2	-	-	583	10	7	116	67	4	13	10	
Arkansas-----	-	-	-	-	-	3	1	21	13	-	6	-	
Louisiana-----	-	-	-	-	-	3	2	46	9	-	-	-	
Oklahoma-----	-	-	-	-	-	-	-	25	10	-	-	-	
Texas-----	-	2	-	-	583	4	4	44	35	4	7	10	
MOUNTAIN ² -----	-	-	1	-	746	-	1	18	16	-	-	-	
Montana-----	-	-	-	-	29	-	-	5	1	-	-	-	
Idaho-----	-	-	-	-	-	-	-	2	3	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	2	1	-	-	-	
Colorado-----	-	-	-	-	212	-	1	-	2	-	-	-	
New Mexico-----	-	-	1	-	176	-	-	5	5	-	-	-	
Arizona-----	-	-	-	-	122	-	-	6	4	-	-	-	
Utah-----	-	-	-	-	207	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	-	1	6	-	515	3	4	26	43	-	2	3	
Washington-----	-	-	2	-	37	-	-	1	1	-	-	-	
Oregon-----	-	1	-	-	28	2	-	6	2	-	-	-	
California-----	-	-	4	-	447	1	4	19	39	-	2	3	
Alaska-----	-	-	-	-	1	-	-	-	1	-	-	-	
Hawaii-----	-	-	-	-	2	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	2	-	2	16	6	-	-	1	

²Data exclude reports from Florida, Idaho, New Hampshire, and Oklahoma for the current week.

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. For 1954-58, this average is based on data for 114 cities; for 1955-59, on data for 117 cities. The adjusted average is computed as follows: From the total deaths reported each week, 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	26th week ended July 2, 1960	25th week ended June 25, 1960	Adjusted average, 26th week 1955-59	Percent change ¹	Cumulative, first 26 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 10,953	10,671	10,568	+3.6	² 313,039	301,531	290,069	+7.9
New England----- (14 cities)	664	710	693	-4.2	19,682	18,979	19,387	+1.5
Middle Atlantic----- (20 cities)	3,204	2,949	3,119	+2.7	86,663	87,573	87,035	-0.4
East North Central----- (21 cities)	² 2,344	2,284	2,399	-2.3	² 67,190	65,006	65,534	+2.5
West North Central----- (9 cities)	766	756	755	+1.5	21,856	20,825	20,870	+4.7
South Atlantic----- (11 cities)	906	892	921	-1.6	27,196	25,544	25,097	+8.4
East South Central----- (8 cities)	429	392	488	-12.1	14,177	13,435	13,348	+6.2
West South Central----- (13 cities)	1,012	1,001	894	+13.2	27,638	24,748	24,149	+14.4
Mountain----- (8 cities)	336	346	272	+23.5	9,749	8,432	7,458	+30.7
Pacific----- (13 cities)	1,292	1,341	1,312	-1.5	38,888	36,989	37,122	+4.8

¹Current figure divided by adjusted average.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

Area	26th week ended July 2, 1960	25th week ended June 25, 1960	Cumulative, first 26 weeks		Area	26th week ended July 2, 1960	25th week ended June 25, 1960	Cumulative, first 26 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	230	228	6,861	6,471	St. Louis, Mo.-----	221	244	6,758	6,418
Bridgeport, Conn.-----	44	32	1,133	1,107	St. Paul, Minn.-----	69	68	1,922	1,752
Cambridge, Mass.-----	33	39	858	739	Wichita, Kans.-----	59	51	1,241	1,259
Fall River, Mass.-----	25	33	792	768	SOUTH ATLANTIC:				
Hartford, Conn.-----	41	54	1,269	1,324	Atlanta, Ga.-----	108	111	3,168	2,948
Lowell, Mass.-----	15	27	644	621	Baltimore, Md.-----	230	203	6,917	6,434
Lynn, Mass.-----	26	17	661	618	Charlotte, N.C.-----	29	42	1,095	960
New Bedford, Mass.-----	26	19	667	627	Jacksonville, Fla.-----	53	40	1,673	1,537
New Haven, Conn.-----	36	56	1,205	1,184	Miami, Fla.-----	67	64	1,972	1,909
Providence, R.I.-----	65	55	1,737	1,764	Norfolk, Va.-----	44	49	1,127	1,064
Somerville, Mass.-----	11	12	384	353	Richmond, Va.-----	67	59	2,131	2,053
Springfield, Mass.-----	36	46	1,245	1,209	Savannah, Ga.-----	25	32	972	846
Waterbury, Conn.-----	26	40	761	722	St. Petersburg, Fla.-----	(54)	(66)	(1,987)	(1,752)
Worcester, Mass.-----	50	52	1,465	1,472	Tampa, Fla.-----	60	67	1,835	1,686
MIDDLE ATLANTIC:					Washington, D.C.-----	187	186	5,257	5,111
Albany, N.Y.-----	78	34	1,212	1,492	Wilmington, Del.-----	36	39	1,039	996
Allentown, Pa.-----	33	27	967	954	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	142	142	3,981	3,822	Birmingham, Ala.-----	88	53	2,324	2,171
Camden, N.J.-----	35	39	1,168	1,097	Chattanooga, Tenn.-----	39	36	1,260	1,207
Elizabeth, N.J.-----	31	30	785	792	Knoxville, Tenn.-----	29	28	798	723
Erie, Pa.-----	51	35	1,046	999	Louisville, Ky.-----	87	106	3,076	2,980
Jersey City, N.J.-----	69	67	1,913	2,023	Memphis, Tenn.-----	75	60	3,022	2,920
Newark, N.J.-----	86	111	2,627	2,669	Mobile, Ala.-----	26	28	1,119	1,059
New York City, N.Y.-----	1,579	1,554	44,061	44,948	Montgomery, Ala.-----	24	37	957	848
Paterson, N.J.-----	44	31	1,057	1,039	Nashville, Tenn.-----	61	44	1,621	1,527
Philadelphia, Pa.-----	497	403	13,216	13,262	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	220	176	5,259	5,060	Austin, Tex.-----	34	30	957	819
Reading, Pa.-----	24	23	652	609	Baton Rouge, La.-----	32	12	777	715
Rochester, N.Y.-----	91	83	2,672	2,590	Corpus Christi, Tex.-----	25	23	663	542
Schenectady, N.Y.-----	18	21	634	649	Dallas, Tex.-----	120	128	3,410	3,097
Scranton, Pa.-----	33	27	1,022	1,046	El Paso, Tex.-----	51	36	1,037	959
Syracuse, N.Y.-----	63	56	1,680	1,692	Fort Worth, Tex.-----	67	72	1,840	1,668
Trenton, N.J.-----	45	33	1,127	1,176	Houston, Tex.-----	188	163	4,598	4,090
Utica, N.Y.-----	26	23	744	753	Little Rock, Ark.-----	50	58	1,596	1,455
Yonkers, N.Y.-----	39	34	840	841	New Orleans, La.-----	148	161	4,936	4,408
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	71	78	2,025	1,799
Akron, Ohio-----	60	42	1,509	1,580	San Antonio, Tex.-----	100	116	2,797	2,546
Canton, Ohio-----	37	32	938	898	Shreveport, La.-----	49	66	1,466	1,329
Chicago, Ill.-----	755	721	20,662	20,150	Tulsa, Okla.-----	77	58	1,536	1,321
Cincinnati, Ohio-----	128	152	4,230	4,156	MOUNTAIN:				
Cleveland, Ohio-----	175	213	5,764	5,538	Albuquerque, N. Mex.-----	37	29	810	821
Columbus, Ohio-----	101	83	3,191	3,039	Colorado Springs, Colo.-----	18	17	453	399
Dayton, Ohio-----	68	84	1,934	1,782	Denver, Colo.-----	98	125	3,212	3,106
Detroit, Mich.-----	322	337	9,274	8,750	Ogden, Utah-----	14	16	458	411
Evansville, Ind.-----	31	28	977	999	Phoenix, Ariz.-----	65	60	2,090	1,379
Flint, Mich.-----	46	34	1,070	1,086	Pueblo, Colo.-----	17	18	417	363
Fort Wayne, Ind.-----	39	43	1,008	951	Salt Lake City, Utah-----	53	38	1,308	1,325
Gary, Ind.-----	27	35	849	809	Tucson, Ariz.-----	34	43	1,001	628
Grand Rapids, Mich.-----	34	28	1,109	1,124	PACIFIC:				
Indianapolis, Ind.-----	149	130	3,961	3,715	Berkeley, Calif.-----	10	17	447	457
Madison, Wis.-----	32	26	868	781	Fresno, Calif.-----	(35)	(38)	(1,222)	(1,079)
Milwaukee, Wis.-----	119	89	3,341	3,419	Glendale, Calif.-----	(34)	(39)	(1,027)	(942)
Peoria, Ill.-----	20	28	779	763	Honolulu, Hawaii-----	36	36	1,106	990
Rockford, Ill.-----	37	17	774	732	Long Beach, Calif.-----	51	52	1,469	1,466
South Bend, Ind.-----	20	22	762	697	Los Angeles, Calif.-----	467	464	13,908	12,867
Toledo, Ohio-----	91	86	2,687	2,613	Oakland, Calif.-----	93	79	2,597	2,454
Youngstown, Ohio-----	53	54	1,503	1,424	Pasadena, Calif.-----	31	27	923	836
WEST NORTH CENTRAL:					Portland, Oreg.-----	101	131	2,972	3,037
Des Moines, Iowa-----	69	46	1,521	1,408	Sacramento, Calif.-----	53	62	1,559	1,459
Duluth, Minn.-----	19	21	692	705	San Diego, Calif.-----	53	82	2,384	2,150
Kansas City, Kans.-----	36	23	935	901	San Francisco, Calif.-----	189	179	5,373	5,238
Kansas City, Mo.-----	107	123	3,473	3,173	San Jose, Calif.-----	(35)	(39)	(906)	(671)
Lincoln, Nebr.-----	---	(24)	(659)	(691)	Seattle, Wash.-----	123	121	3,752	3,588
Minneapolis, Minn.-----	125	114	3,324	3,281	Spokane, Wash.-----	49	47	1,250	1,312
Omaha, Nebr.-----	61	66	1,990	1,928	Tacoma, Wash.-----	34	44	1,148	1,135

¹Estimated.

²Includes estimate for current week.

EPIDEMIOLOGICAL REPORTS—Continued

Gastroenteritis

Dr. W. R. Giedt, Washington State Department of Health, has reported an episode in a family in which 2 elderly people became ill 2 hours after eating potato salad and canned salmon. The potato salad was canned and to it a freshly boiled egg was added. The canned salmon was opened just before the meal. Organisms usually found in food poisoning were not found in the potato salad. Since only a few coagulase-positive Staphylococcus aureus were isolated from the salmon, the etiology in these cases was questionable.

Dr. Margaret Rathbun, Monroe County (New York) Health Department, has reported an outbreak of gastroenteritis occurring in a group of 300 persons attending a wedding reception. Forty-nine persons became ill with nausea, vomiting, diarrhea, and intestinal cramps 2 to 6 hours after eating chicken salad. The 40 chickens used in preparation of the salad were cut up and placed in a home refrigerator that was thought to be incapable of keeping this quantity of meat cold enough. The salad was mixed on the morning of the wedding, but it was not served until after 3 p.m. Results of laboratory tests are not yet available.

EXPLANATION OF SYMBOLS USED IN TABLES

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

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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, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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