

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 July 30, 1960

Total cases of poliomyelitis reported in the United States for the week ended July 30 was 108 as compared with 113 (revised total) for the previous week. However, the number of paralytic cases increased from a revised total of 69 to 78. For the same week in 1959, the total number was 307, 191 of which were paralytic. Corresponding figures for 1958 were 159 and 69 and for 1957 they were 297 and 70, respectively. The cumulative total of paralytic poliomyelitis for 1960 is 601, as compared with 1,338 in 1959, 579 in 1958, and 885 in 1957.

During the month of July, cases were reported in slightly more than two-thirds of the States but in most of them the numbers were small. Only 3 States, Rhode Island, South Carolina, and California, have reported significantly larger numbers this year than last.

Rhode Island reported fewer cases for the week ended July 30 than for the previous week. The 6 cases, of which 5 were paralytic were in Providence, Pawtucket, and Warwick. Two

of the 6 were under 1 year of age, 3 were 1 to 4 years old, and 1 was 5 years old. A total of 74 cases of which 59 were paralytic, have been reported in the State thus far in 1960. Three cases of paralytic poliomyelitis reported in Massachusetts were scattered, and none of the localities in which the cases occurred were in close proximity to the epidemic area in Rhode Island. Two of the cases had received 4 doses of vaccine. One case reported in Connecticut was a resident of a town in the southern part of New London County. This is the fourth case to be reported in the town.

Seven of the 12 cases of poliomyelitis reported in New York were in New York City. Six of 7 in New York City and 4 of the 5 in upstate New York were paralytic cases. Seven of the 8 cases reported in Illinois were paralytic. Six cases were reported in Chicago.

The number of cases reported in South Carolina remained

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)	30th week			Cumulative						Approximate seasonal low point
	Ended July 30, 1960 ¹	Ended Aug. 1, 1959	Median 1955-59	First 30 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	10	13	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	6	6	5	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	13	16	17	483	453	580	(2)	(2)	(2)	(2)
Diphtheria-----055	8	15	10	363	442	525	33	45	52	July 1
Encephalitis, infectious-----082	33	44	54	959	947	947	346	369	360	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	609	325	283	22,042	13,325	12,453	30,472	18,761	18,761	Sept. 1
Malaria-----110-117	-	3	6	32	42	70	(2)	(2)	(2)	(2)
Measles-----085	3,337	2,632	2,846	391,445	356,131	511,652	430,914	410,131	567,402	Sept. 1
Meningitis, aseptic-----340 pt.	67	-	-	1,009	-	-	-	-	-	-
Meningococcal infections-----087	29	33	33	1,403	1,465	1,565	2,067	2,331	2,574	Sept. 1
Poliomyelitis-----080	108	307	307	839	2,036	2,512	620	1,743	1,982	Apr. 1
Paralytic-----080.0,080.1	78	191	191	601	1,338	1,338	448	1,130	1,130	Apr. 1
Nonparalytic-----080.2	26	85	173	175	498	1,261	136	450	1,095	Apr. 1
Unspecified-----080.3	4	31	54	63	200	366	36	163	277	Apr. 1
Pittacosis-----096.2	2	6	6	61	71	175	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	3	3	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----1-050,051	3,421	-	-	208,141	-	-	-	-	-	-
Typhoid fever-----040	19	19	39	419	397	717	291	270	456	Apr. 1
Typhus fever, endemic-----101	3	5	3	48	22	64	43	16	44	Apr. 1
Rabies in animals-----	53	69	73	2,319	2,291	2,899	3,368	3,197	3,855	Oct. 1

¹Data exclude reports from New Hampshire and Washington for the current week.

²Data show no pronounced seasonal change in incidence.

about the same, 8 of the 14 being reported as paralytic. Five new cases were in Cherokee and 4 in Spartanburg Counties where 5 cases were reported in each county in the previous week. There were single cases in each of 2 other counties, which are located in the same section of the State as the 2 previously mentioned counties. There were 2 cases in another county in the central part of the State. Eleven of the 14 cases had not had any vaccine. The cumulative total for the State is 50 cases, 29 of which are paralytic. For the week ended July 23, there were 5 paralytic cases reported in Mississippi, 1 in each of 5 scattered counties. Four cases with 1 death reported for the week ended July 30 were scattered in 4 other counties. Of the 9 cases reported in the 2-week period, 6 were in the northern half of the State. Texas reported 9 paralytic and 8 nonparalytic cases as compared with 10 and 3, respectively, last week.

California reported 9 paralytic cases, 6 of which were in Los Angeles County. The other cases were scattered. Two deaths, one in a previously reported case, were reported. One hundred fifty two of the 171 total cases reported this year have had paralysis.

Puerto Rico reported 16 cases of paralytic poliomyelitis for the week ended July 30 as compared with 31 for the previous week.

EPIDEMIOLOGICAL REPORTS

Hepatitis

Dr. Olga Brolnitsky, Chicago Board of Health, has reported an outbreak of infectious hepatitis among students of a college in Chicago. On June 3, 3 cases were reported to the board of health. Investigation revealed that about 400 students were housed in a residence hall, and all of them had their meals in a cafeteria designated for this group of students. During the course of the investigation, it was found that one of the employees in the cafeteria had been hospitalized with infectious hepatitis on May 23, 3 days after stopping work in the cafeteria. Her supervisor stated that this employee was absent from work for 2 days in April suffering from a gastrointestinal disorder. She returned to work on April 24. By June 9, there were 11 known cases of hepatitis among the students. Gamma globulin was obtained by the school medical service which was given to 194 students and all cafeteria personnel. Most of the remaining students were given gamma globulin by their personal physicians. No additional cases have come to light.

Staphylococcal food poisoning

Dr. J. H. Baier, Contra Costa County Health Department, California, has reported an outbreak of staphylococcal food poisoning involving 4 members of a family. Baked canned ham was considered to be the vehicle of infection. At the time it was purchased in a market, the ham was not under refrigeration. The ham was baked and served on one day, and the

remainder was placed in a refrigerator. When eaten the next day, 4 members of the family became ill 2 to 3 hours later with nausea, vomiting, and diarrhea. Two persons were severely affected. A coagulase-positive hemolytic staphylococcus was isolated in large numbers from a specimen of the ham.

Dr. P. A. Bearg, San Joaquin Local Health District, California, reported an outbreak of staphylococcal food poisoning following ingestion of leftover ham served at a picnic. The ham was left out of the refrigerator several hours after the picnic and when eaten the next day caused illness in 7 of 9 persons who ate it in sandwiches. Coagulase-positive Staphylococcus aureus was isolated from samples of the ham.

Gastroenteritis

The California Department of Public Health has reported 3 foodborne outbreaks of illness. In one, 12 of 120 persons eating in a school cafeteria became ill 3½ to 4½ hours after eating beef and beef gravy. The beef had been roasted on 1 day, ground, and put in sandwiches and allowed to stand about 2 hours at room temperature. One of the 3 foodhandlers who prepared the gravy had been ill with a cold. Another outbreak involved 3 persons who had eaten pork chops. No other details are available. In the 3d outbreak, about half of 80 persons attending a banquet became ill. Roast beef, which had been cooked by a caterer for 4 hours, was allowed to stand at room temperature for 4 hours. It was then sliced, taken to the banquet room, and kept in a warming pan for about 5 hours. Symptoms which consisted of cramps and diarrhea appeared 4 to 8 hours after eating

Gastroenteritis, possibly due to Bacillus cereus.

Mr. B. Schweitzen, Los Angeles County Health Department, has reported on the investigation of an outbreak affecting 47 of 76 persons attending a confirmation party in a private home. Symptoms were mainly cramps and diarrhea, but vomiting and fever were noticeably absent. A considerable number of food items were served at the party, but those eating either turkey or beef had the highest attack rates. Both of these items had been roasted and left standing at room temperature for several hours after being sliced. No pathogenic bacteria were found in specimens of food except the beef. An organism isolated from the beef was submitted to the State Health Department Laboratory where it was identified as Bacillus cereus. It was suggested that this organism may have been present in other foods although not recovered by the laboratory. Stool and urine specimens from 33 persons who were ill were reported as negative for pathogenic organisms.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 1, 1959, AND JULY 30, 1960

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

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undul- ant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	30th week		Cumulative, first 30 weeks		30th week		Cumulative, first 30 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	108	307	839	2,036	78	191	601	1,338	26	85	67	13
NEW ENGLAND ² -----	10	16	94	33	9	9	79	23	-	7	5	-
Maine-----	-	-	6	-	-	-	6	-	-	-	-	-
New Hampshire-----	-	-	2	-	-	-	2	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	3	3	10	11	3	3	10	9	-	-	5	-
Rhode Island-----	6	-	74	2	5	-	59	2	-	-	-	-
Connecticut-----	1	13	4	19	1	6	4	11	-	7	-	-
MIDDLE ATLANTIC-----	16	14	79	101	14	7	59	61	2	4	12	-
New York-----	12	7	53	67	10	3	40	40	2	2	4	-
New Jersey-----	3	4	13	19	3	2	11	10	-	1	8	-
Pennsylvania-----	1	3	13	15	1	2	8	11	-	1	-	-
EAST NORTH CENTRAL-----	13	40	96	190	10	20	45	91	2	17	18	3
Ohio-----	-	4	24	63	-	2	8	25	-	1	4	1
Indiana-----	2	14	13	32	2	12	4	27	-	2	6	-
Illinois-----	8	5	30	26	7	3	23	13	1	-	5	1
Michigan-----	2	15	25	61	1	2	9	21	1	13	2	-
Wisconsin-----	1	2	4	8	-	1	1	5	-	1	1	1
WEST NORTH CENTRAL-----	6	86	42	456	4	35	24	236	2	27	7	6
Minnesota-----	1	7	15	27	1	6	12	21	-	1	6	-
Iowa-----	1	22	9	164	1	6	2	79	-	11	1	3
Missouri-----	-	31	9	145	-	15	6	86	-	11	-	-
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	1	-	2	4	1	-	1	1	-	-	-	1
Nebraska-----	-	9	2	57	-	6	2	37	-	3	-	-
Kansas-----	3	17	5	58	1	2	1	12	2	1	-	2
SOUTH ATLANTIC-----	24	33	133	294	14	24	92	219	9	9	-	1
Delaware-----	-	-	-	4	-	-	-	4	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	2	10	2	48	2	9	2	40	-	1	-	1
West Virginia-----	3	2	13	30	2	2	10	22	1	-	-	-
North Carolina-----	2	8	24	50	1	6	22	42	1	2	-	-
South Carolina-----	14	7	50	24	8	2	29	11	5	5	-	-
Georgia-----	-	3	5	32	-	2	4	26	-	1	-	-
Florida-----	3	3	38	106	1	3	25	74	2	-	-	-
EAST SOUTH CENTRAL-----	5	29	36	211	5	27	33	167	-	2	3	-
Kentucky-----	-	-	8	13	-	-	5	11	-	-	-	-
Tennessee-----	-	12	4	67	-	11	4	57	-	1	-	-
Alabama-----	1	12	8	82	1	11	8	72	-	1	-	-
Mississippi-----	4	5	16	49	4	5	16	27	-	-	3	-
WEST SOUTH CENTRAL-----	23	55	127	476	12	40	73	326	11	14	4	1
Arkansas-----	2	22	12	101	-	18	3	88	2	4	-	-
Louisiana-----	4	3	33	62	3	2	23	47	1	1	-	-
Oklahoma-----	-	5	7	57	-	3	5	30	-	1	1	-
Texas-----	17	25	75	256	9	17	42	161	8	8	3	1
MOUNTAIN-----	1	4	28	75	-	3	17	43	-	1	-	-
Montana-----	-	1	12	4	-	1	8	1	-	-	-	-
Idaho-----	-	-	4	5	-	-	-	-	-	-	-	-
Wyoming-----	1	-	2	2	-	-	-	1	-	-	-	-
Colorado-----	-	1	4	7	-	1	4	6	-	-	-	-
New Mexico-----	-	-	2	18	-	-	-	8	-	-	-	-
Arizona-----	-	2	3	35	-	1	3	26	-	1	-	-
Utah-----	-	-	1	2	-	-	1	-	-	-	-	-
Nevada-----	-	-	-	2	-	-	-	1	-	-	-	-
PACIFIC ² -----	10	30	204	200	10	26	179	172	-	4	18	2
Washington-----	-	6	27	20	-	6	27	20	-	-	-	-
Oregon-----	1	6	19	31	1	6	13	26	-	-	-	1
California-----	9	13	171	143	9	9	152	120	-	4	18	1
Alaska-----	-	5	2	6	-	5	2	6	-	-	-	-
Hawaii-----	-	-	5	(4)	-	-	5	(4)	-	-	-	-
Puerto Rico-----	16	-	358	3	16	-	353	3	-	-	-	-

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

²Data exclude reports from New Hampshire and Washington for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 1, 1959, AND JULY 30, 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	
	30th week		Cumulative, first 30 weeks		082		30th week		Cumulative, first 30 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	8	15	363	442	33	44	609	325	22,042	13,325	3,337	2,632
NEW ENGLAND ² -----	-	-	10	5	5	2	12	5	660	414	308	456
Maine-----	-	-	2	-	1	-	-	1	44	74	18	23
New Hampshire-----	-	-	2	-	-	-	-	-	221	11	-	-
Vermont-----	-	-	-	-	-	-	-	-	10	21	50	14
Massachusetts-----	-	-	7	5	4	-	7	3	338	181	143	386
Rhode Island-----	-	-	1	-	-	2	3	-	128	41	55	1
Connecticut-----	-	-	-	-	-	-	2	1	119	86	42	32
MIDDLE ATLANTIC-----	1	1	11	41	4	7	81	62	2,425	1,996	654	420
New York-----	-	-	2	20	-	4	49	31	1,267	1,202	521	288
New Jersey-----	-	-	1	9	1	1	3	8	233	233	73	99
Pennsylvania-----	1	1	8	12	3	2	29	23	983	561	60	33
EAST NORTH CENTRAL-----	1	2	32	22	2	7	96	45	4,113	2,191	1,190	516
Ohio-----	-	-	14	7	1	3	41	14	1,365	649	92	54
Indiana-----	-	1	5	3	-	2	7	6	482	212	91	30
Illinois-----	1	-	4	8	-	2	16	4	846	446	108	86
Michigan-----	-	1	8	2	-	-	31	18	1,254	762	262	119
Wisconsin-----	-	-	1	2	1	-	1	3	166	122	637	227
WEST NORTH CENTRAL-----	-	1	18	37	3	8	20	26	1,639	1,058	44	31
Minnesota-----	-	1	5	18	-	1	3	7	172	252	2	14
Iowa-----	-	-	2	3	-	-	1	-	275	96	9	2
Missouri-----	-	-	2	3	-	-	10	12	610	304	6	3
North Dakota-----	-	-	1	2	3	-	1	1	126	216	27	9
South Dakota-----	-	-	5	3	-	-	-	-	119	10	-	-
Nebraska-----	-	-	1	8	-	-	3	3	172	53	-	3
Kansas-----	-	-	2	-	-	7	2	3	165	127	(*)	(*)
SOUTH ATLANTIC-----	4	3	88	106	1	2	87	31	2,648	1,210	226	117
Delaware-----	-	-	-	-	-	-	12	1	172	78	9	2
Maryland-----	-	-	1	7	-	-	7	4	261	283	23	25
District of Columbia-----	-	-	-	-	-	1	-	-	29	11	8	-
Virginia-----	-	-	10	7	-	-	18	13	534	261	48	45
West Virginia-----	-	-	4	1	-	-	16	10	501	225	52	16
North Carolina-----	-	1	3	9	1	-	5	1	223	66	2	10
South Carolina-----	1	1	21	8	-	1	-	-	43	23	15	10
Georgia-----	1	-	20	34	-	-	3	-	176	95	-	-
Florida-----	2	1	29	40	-	-	26	2	709	168	69	11
EAST SOUTH CENTRAL-----	-	2	39	49	5	3	110	22	3,259	1,199	194	90
Kentucky-----	-	1	1	6	-	-	30	9	1,238	568	27	24
Tennessee-----	-	-	6	5	-	-	36	4	1,063	268	156	49
Alabama-----	-	-	20	9	1	-	25	7	700	266	9	12
Mississippi-----	-	1	12	29	4	3	19	2	258	97	2	5
WEST SOUTH CENTRAL-----	2	5	130	162	-	2	56	38	1,848	1,039	153	359
Arkansas-----	2	-	4	34	-	1	4	1	84	50	2	-
Louisiana-----	-	1	28	41	-	-	2	1	87	95	-	-
Oklahoma-----	-	-	6	2	-	-	5	8	249	145	7	8
Texas-----	-	4	92	85	-	1	45	28	1,428	749	144	351
MOUNTAIN-----	-	1	34	14	-	1	37	20	1,783	1,846	177	186
Montana-----	-	-	3	-	-	-	-	-	68	179	13	20
Idaho-----	-	-	11	-	-	-	2	1	223	194	14	25
Wyoming-----	-	-	5	-	-	-	1	-	19	45	2	-
Colorado-----	-	-	3	4	-	-	18	6	637	565	73	60
New Mexico-----	-	1	5	8	-	-	2	4	240	366	-	15
Arizona-----	-	-	3	1	-	1	5	4	417	362	29	28
Utah-----	-	-	4	-	-	-	5	4	153	116	45	37
Nevada-----	-	-	-	1	-	-	4	1	26	19	1	1
PACIFIC ² -----	-	-	1	6	13	12	110	76	3,667	2,372	391	457
Washington-----	-	-	2	-	-	-	-	6	416	322	-	34
Oregon-----	-	-	-	1	1	-	19	14	615	483	90	71
California-----	-	-	-	4	12	12	87	53	2,437	1,547	283	334
Alaska-----	-	-	1	1	-	-	4	3	145	20	15	18
Hawaii-----	-	-	-	(2)	-	-	-	(1)	54	(31)	3	(35)
Puerto Rico-----	-	2	97	20	-	-	25	10	490	181	15	26

²Data exclude reports from New Hampshire and Washington for the current week.

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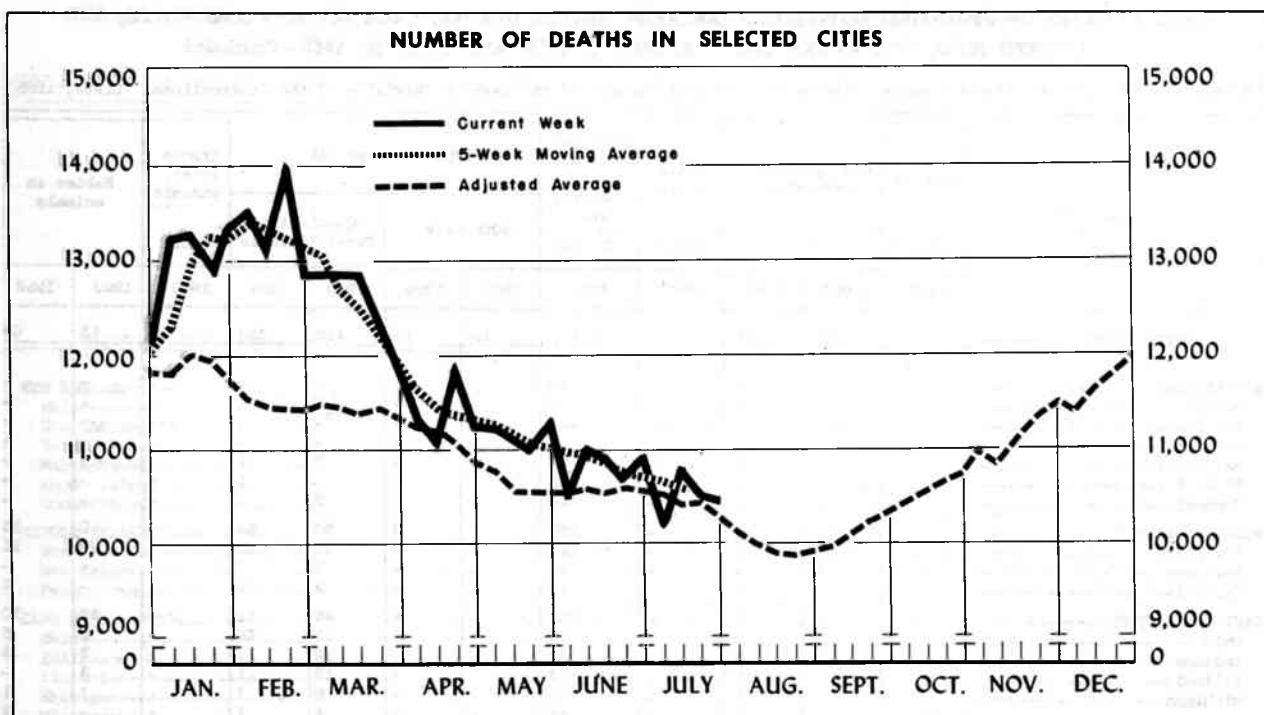
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 1, 1959, AND JULY 30, 1960—Continued

(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	30th week		Cumulative, first 30 weeks		101	1960	1959
	1960	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	-	29	33	2	3,421	19	19	419	397	3	53	69
NEW ENGLAND ² -----	-	2	1	-	76	-	-	6	9	-	-	-
Maine-----	-	-	-	-	2	-	-	2	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	-	-	3	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	21	-	-	2	2	-	-	-
Rhode Island-----	-	-	-	-	2	-	-	-	1	-	-	-
Connecticut-----	-	2	-	-	48	-	-	2	5	-	-	-
MIDDLE ATLANTIC-----	-	5	5	-	198	5	2	30	36	-	8	13
New York-----	-	3	3	-	157	-	-	20	13	-	6	11
New Jersey-----	-	2	-	-	21	1	-	1	7	-	-	-
Pennsylvania-----	-	-	2	-	20	2	2	9	16	-	-	2
EAST NORTH CENTRAL-----	-	6	7	1	203	-	4	46	52	-	12	10
Ohio-----	-	2	-	-	17	-	3	11	26	-	6	5
Indiana-----	-	2	2	-	72	-	1	12	7	-	2	2
Illinois-----	-	1	3	-	17	-	-	13	11	-	3	-
Michigan-----	-	1	1	-	51	-	-	6	7	-	1	1
Wisconsin-----	-	-	1	1	46	-	-	4	1	-	-	2
WEST NORTH CENTRAL-----	-	2	2	1	94	2	1	25	23	-	10	10
Minnesota-----	-	1	-	1	5	-	-	1	-	-	1	2
Iowa-----	-	-	-	-	20	1	-	4	1	-	3	5
Missouri-----	-	-	1	-	1	-	-	15	11	-	5	1
North Dakota-----	-	-	-	-	39	-	-	1	2	-	-	2
South Dakota-----	-	-	-	-	-	-	-	1	3	-	-	-
Nebraska-----	-	-	1	-	-	1	-	2	1	-	1	-
Kansas-----	-	1	-	-	29	-	1	1	5	-	-	-
SOUTH ATLANTIC-----	-	4	4	-	272	5	3	67	70	-	5	9
Delaware-----	-	-	-	-	5	-	-	1	-	-	-	-
Maryland-----	-	-	-	-	5	-	-	1	1	-	-	-
District of Columbia-----	-	1	-	-	1	-	-	5	2	-	-	-
Virginia-----	-	1	2	-	96	-	-	16	14	-	1	1
West Virginia-----	-	1	1	-	71	-	-	5	4	-	4	-
North Carolina-----	-	-	-	-	5	-	-	8	6	-	-	2
South Carolina-----	-	-	1	-	5	1	1	10	6	-	-	-
Georgia-----	-	-	-	-	-	2	1	15	17	-	-	3
Florida-----	-	1	-	-	86	-	1	8	20	-	-	3
EAST SOUTH CENTRAL-----	-	3	4	-	694	2	5	57	54	-	4	12
Kentucky-----	-	1	3	-	7	-	1	15	8	-	1	7
Tennessee-----	-	1	-	-	678	2	1	29	27	-	2	3
Alabama-----	-	1	1	-	5	-	-	10	7	-	1	2
Mississippi-----	-	-	-	-	4	-	1	5	12	-	-	-
WEST SOUTH CENTRAL-----	-	1	2	-	651	6	4	136	85	5	9	12
Arkansas-----	-	-	-	-	-	4	-	28	17	-	2	4
Louisiana-----	-	-	-	-	-	1	-	51	10	-	1	-
Oklahoma-----	-	-	-	-	1	-	1	6	13	-	-	-
Texas-----	-	1	2	-	650	1	3	51	45	3	6	8
MOUNTAIN-----	-	1	1	-	830	-	2	19	20	-	1	-
Montana-----	-	-	-	-	32	-	-	5	1	-	-	-
Idaho-----	-	-	-	-	23	-	1	-	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	1	1	-	340	-	1	-	3	-	-	-
New Mexico-----	-	-	-	-	171	-	-	6	6	-	1	-
Arizona-----	-	-	-	-	154	-	-	6	4	-	-	-
Utah-----	-	-	-	-	110	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC ² -----	-	5	7	-	403	5	-	55	48	-	4	3
Washington-----	-	-	-	-	-	-	-	21	1	-	-	-
Oregon-----	-	-	-	-	16	1	-	7	2	-	-	-
California-----	-	5	5	-	374	2	-	25	44	-	4	3
Alaska-----	-	-	2	-	15	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	25	-	-	16	15	-	-	-

²Data exclude reports from New Hampshire and Washington for the current week.

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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	30th week ended July 30, 1960	29th week ended July 23, 1960	Adjusted average, 30th week 1955-59	Percent change, adjusted average to current week ¹	Cumulative, first 30 weeks		
					1960	1959	Percent change
TOTAL, 117 REPORTING CITIES -----	² 10,437	10,503	10,236	+2.0	² 354,950	344,031	+3.2
New England----- (14 cities)	615	617	651	-5.5	22,221	21,591	+2.9
Middle Atlantic----- (20 cities)	2,871	2,896	2,968	-3.3	98,343	99,196	-0.9
East North Central----- (21 cities)	2,377	2,388	2,287	+3.9	76,510	74,341	+2.9
West North Central----- (9 cities)	701	763	744	-5.8	24,681	23,677	+4.2
South Atlantic----- (11 cities)	898	821	889	+1.0	30,766	29,407	+4.6
East South Central----- (8 cities)	² 421	476	500	-15.8	² 16,084	15,448	+4.1
West South Central----- (15 cities)	916	927	901	+1.7	31,265	28,443	+9.9
Mountain----- (8 cities)	303	324	272	+11.4	11,039	9,630	+14.6
Pacific----- (13 cities)	1,335	1,291	1,310	+1.9	44,041	42,298	+4.1

¹Adjusted average used as base.

²Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

Area	30th week ended	29th week ended	Cumulative, first 30 weeks		Area	30th week ended	29th week ended	Cumulative, first 30 weeks						
	July 30, 1960	July 23, 1960	1960	1959		July 30, 1960	July 23, 1960	1960	1959					
	NEW ENGLAND:													
Boston, Mass.	242	235	7,769	7,352	WEST NORTH CENTRAL—Con.:	230	209	7,629	7,188					
Bridgeport, Conn.	29	35	1,269	1,247	St. Louis, Mo.	65	60	2,169	1,983					
Cambridge, Mass.	24	21	971	863	St. Paul, Minn.	33	44	1,394	1,445					
Fall River, Mass.	21	13	880	877	SOUTH ATLANTIC:									
Hartford, Conn.	44	52	1,460	1,502	Atlanta, Ga.	104	110	3,603	3,349					
Lovell, Mass.	22	24	740	702	Baltimore, Md.	204	213	7,793	7,453					
Lynn, Mass.	14	21	735	708	Charlotte, N.C.	32	21	1,217	1,131					
New Bedford, Mass.	18	16	735	723	Jacksonville, Fla.	57	47	1,887	1,764					
New Haven, Conn.	39	26	1,362	1,368	Miami, Fla.	63	73	2,274	2,151					
Providence, R.I.	51	60	1,962	1,983	Norfolk, Va.	33	32	1,259	1,202					
Somerville, Mass.	6	11	422	395	Richmond, Va.	100	57	2,443	2,369					
Springfield, Mass.	47	32	1,415	1,360	Savannah, Ga.	33	20	1,098	1,000					
Waterbury, Conn.	13	22	848	835	St. Petersburg, Fla.	(49)	(59)	(2,241)	(1,971)					
Worcester, Mass.	45	49	1,653	1,678	Tampa, Fla.	46	63	2,068	1,930					
MIDDLE ATLANTIC:														
Albany, N.Y.	46	28	1,364	1,666	Washington, D.C.	196	159	5,970	5,885					
Allentown, Pa.	21	30	1,074	1,073	Wilmington, Del.	30	26	1,164	1,173					
Buffalo, N.Y.	118	129	4,512	4,428	EAST SOUTH CENTRAL:									
Camden, N.J.	34	38	1,326	1,254	Birmingham, Ala.	162	87	2,630	2,466					
Elizabeth, N.J.	25	24	886	896	Chattanooga, Tenn.	22	40	1,432	1,394					
Erie, Pa.	33	31	1,184	1,143	Knoxville, Tenn.	24	26	894	891					
Jersey City, N.J.	51	64	2,157	2,273	Louisville, Ky.	80	112	3,505	3,413					
Newark, N.J.	98	78	2,962	3,047	Memphis, Tenn.	114	92	3,474	3,364					
New York City, N.Y.	1,455	1,475	49,971	50,741	Mobile, Ala.	41	44	1,254	1,185					
Paterson, N.J.	39	25	1,183	1,164	Montgomery, Ala.	33	29	1,074	988					
Philadelphia, Pa.	483	478	15,142	15,183	Nashville, Tenn.	45	46	1,821	1,747					
Pittsburgh, Pa.	184	166	5,946	5,714	WEST SOUTH CENTRAL:									
Reading, Pa.	16	20	725	684	Austin, Tex.	40	34	1,082	967					
Rochester, N.Y.	87	105	3,047	2,945	Baton Rouge, La.	24	29	888	826					
Schenectady, N.Y.	23	28	732	756	Corpus Christi, Tex.	21	22	742	631					
Scranton, Pa.	30	30	1,150	1,156	Dallas, Tex.	121	110	3,864	3,556					
Syracuse, N.Y.	48	52	1,896	1,903	El Paso, Tex.	35	24	1,172	1,102					
Trenton, N.J.	33	41	1,281	1,334	Fort Worth, Tex.	60	56	2,057	1,934					
Utica, N.Y.	19	30	845	862	Houston, Tex.	157	150	5,183	4,700					
Yonkers, N.Y.	28	24	960	974	Little Rock, Ark.	40	57	1,782	1,651					
EAST NORTH CENTRAL:														
Akron, Ohio	60	46	1,720	1,808	New Orleans, La.	179	170	5,658	5,081					
Canton, Ohio	29	25	1,049	1,021	Oklahoma City, Okla.	71	66	2,311	2,072					
Chicago, Ill.	750	753	23,582	22,971	San Antonio, Tex.	76	97	3,127	2,900					
Cincinnati, Ohio	140	150	4,775	4,831	Shreveport, La.	57	49	1,680	1,538					
Cleveland, Ohio	167	200	6,510	6,312	Tulsa, Okla.	35	63	1,719	1,485					
Columbus, Ohio	119	85	3,603	3,503	MOUNTAIN:									
Dayton, Ohio	67	83	2,219	2,049	Albuquerque, N. Mex.	31	29	948	922					
Detroit, Mich.	335	363	10,563	9,928	Colorado Springs, Colo.	13	17	516	467					
Evansville, Ind.	41	35	1,128	1,152	Denver, Colo.	95	101	3,601	3,535					
Flint, Mich.	39	45	1,225	1,233	Ogden, Utah	12	17	511	478					
Fort Wayne, Ind.	33	32	1,146	1,085	Phoenix, Ariz.	62	64	2,360	1,570					
Gary, Ind.	31	37	983	955	Pueblo, Colo.	18	17	485	414					
Grand Rapids, Mich.	40	43	1,281	1,285	Salt Lake City, Utah	50	48	1,508	1,515					
Indianapolis, Ind.	138	138	4,488	4,258	Tucson, Ariz.	22	31	1,110	729					
Madison, Wis.	22	21	973	888	PACIFIC:									
Milwaukee, Wis.	126	107	3,815	3,890	Berkeley, Calif.	12	12	511	522					
Peoria, Ill.	26	25	904	887	Fresno, Calif.	(56)	(49)	(1,404)	(1,211)					
Rockford, Ill.	30	22	884	857	Glendale, Calif.	(44)	(36)	(1,170)	(1,099)					
South Bend, Ind.	27	21	865	808	Honolulu, Hawaii	40	34	1,262	1,137					
Toledo, Ohio	99	104	3,079	3,024	Long Beach, Calif.	48	53	1,698	1,679					
Youngstown, Ohio	58	53	1,718	1,616	Los Angeles, Calif.	519	447	15,726	14,761					
WEST NORTH CENTRAL:														
Des Moines, Iowa	46	47	1,711	1,618	Oakland, Calif.	78	87	2,938	2,798					
Duluth, Minn.	22	28	778	795	Pasadena, Calif.	33	28	1,038	977					
Kansas City, Kans.	31	26	1,044	1,049	Portland, Oreg.	83	109	3,362	3,421					
Kansas City, Mo.	96	139	3,902	3,634	Sacramento, Calif.	62	44	1,768	1,671					
Lincoln, Nebr.	(20)	(30)	(799)	(788)	San Diego, Calif.	76	97	2,732	2,457					
Minneapolis, Minn.	118	130	3,795	3,762	San Francisco, Calif.	185	182	6,054	5,973					
Omaha, Nebr.	60	80	2,259	2,203	San Jose, Calif.	(47)	(47)	(1,029)	(770)					
					Seattle, Wash.	115	138	4,247	4,116					
					Spokane, Wash.	43	40	1,429	1,508					
					Tacoma, Wash.	41	20	1,276	1,278					

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--	()

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