

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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Vol. 10, No. 27

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 8, 1961

Poliomyelitis - The total number of cases reported for the week ended July 8 was only 10 of which 7 were paralytic. Thus, the incidence of poliomyelitis continues at a remarkably low level throughout the United States (See graph on page 2). The figures for comparable weeks in 1960 were 49 total cases, 39 paralytic; in 1959, 177 and 111; and in 1958, 104 and 56, respectively.

Tennessee, the only State to report more than one case, had three cases with one each occurring in the counties of Madison, Carroll and Hamilton. Only the Hamilton County (Chattanooga) case, paralytic, had a recent onset; the other two represent delayed reports. Single cases occurred in Missouri, Maryland, West Virginia, Texas, Montana, Utah and California. No new

cases have been reported from the Atlanta metropolitan area.

Last week's summary carried the report of a focal concentration of cases, five paralytic, in the Bradenton-Manatee County, Florida, area. Further appraisal of these cases reveals only three to be paralytic. Two of these cases had onsets in April and one in late June. A significant rise in titer of Type III antibodies was found in one of the April cases; a Type I poliovirus was isolated from the June case.

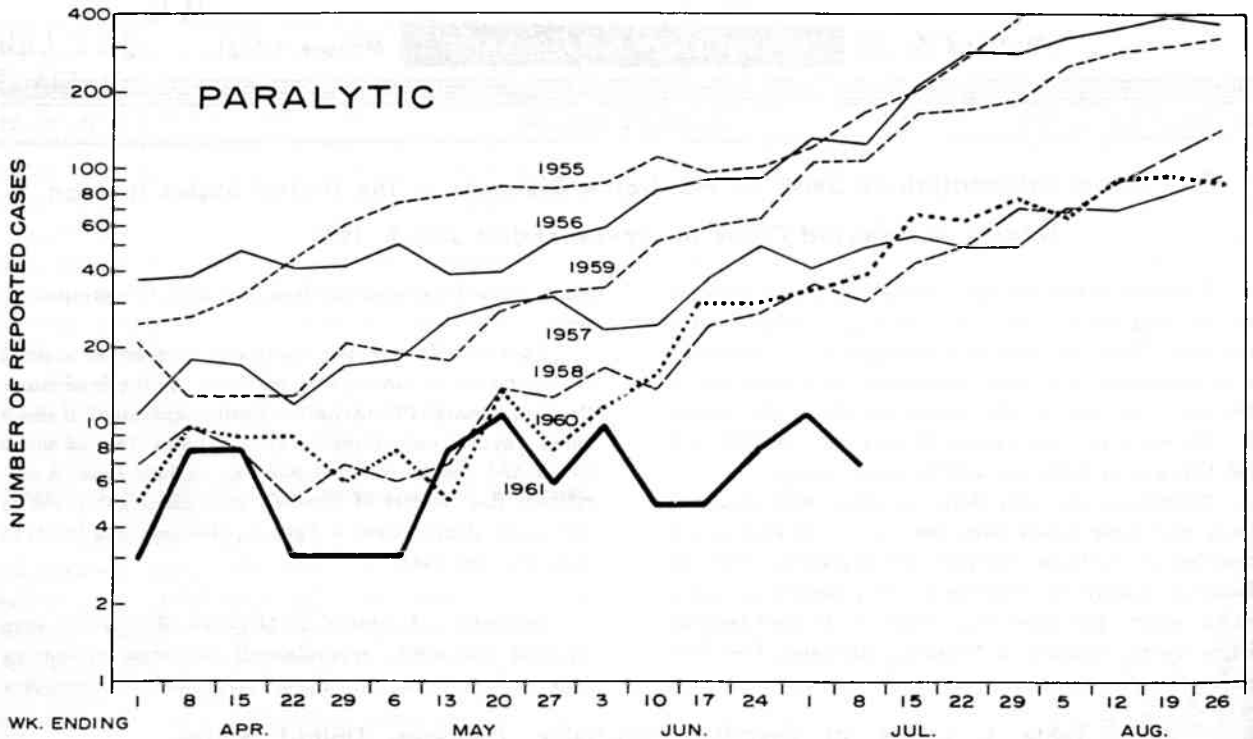
Hepatitis - A total of 1,011 cases of hepatitis were reported this week, approximately the same number as reported last week. An unusual proportion of cases over

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	27th Week			Cumulative						Approximate seasonal low point	
	Ended July 8, 1961	Ended July 9, 1960	Median 1956-60	First 27 weeks			Since seasonal low week				
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60		
* Weekly incidence low or sporadic											
--- Data not available											
- Quantity zero											
Anthrax-----062	-	-	*	3	10	*	*	*	*	*	*
Botulism-----049.1	-	-	*	4	6	*	*	*	*	*	*
Brucellosis (undulant fever)-----044	8	10	15	289	431	425	*	*	*	*	
Diphtheria-----055	5	8	8	314	337	402	5	8	8	July 1	
Encephalitis, infectious-----082	17	38	33	764	833	791	764	833	791	Jan. 1	
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,011	513	275	44,074	20,223	11,887	59,281	27,790	17,277	Sept. 1	
Malaria-----110-117	-	2	*	25	28	*	*	*	*	*	
Measles-----085	6,087	6,693	6,693	365,687	377,704	425,067	401,897	410,416	461,736	Sept. 1	
Meningitis, aseptic-----340 pt.	29	65	---	734	819	---	734	819	---	Jan. 1	
Meningococcal infections-----057	17	42	35	1,228	1,303	1,404	1,884	2,033	2,197	Sept. 1	
Poliomyelitis-----080	10	49	154	251	518	1,199	148	302	906	Apr. 1	
Paralytic-----080.0,080.1	7	39	50	157	385	801	97	231	593	Apr. 1	
Nonparalytic-----080.2	1	10	88	55	95	270	30	59	222	Apr. 1	
Unspecified-----080.3	2	-	16	39	38	128	21	12	91	Apr. 1	
Psittacosis-----096.2	2	-	*	40	55	*	*	*	*	*	
Rabies in man-----094	-	-	*	3	-	*	*	*	*	*	
Streptococcal sore throat, including scarlet fever-----050,051	2,767	3,424	---	210,634	198,065	---	8,286	---	---	Aug. 1	
Typhoid fever-----040	19	29	26	311	356	410	197	224	230	Apr. 1	
Typhus fever, endemic-----101	3	4	*	20	42	*	*	*	*	*	
Rabies in animals-----	77	65	66	1,901	2,110	2,569	2,477	3,083	3,351	Oct. 1	

CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1955-1960; APRIL-AUGUST, BY WEEK



the age of 20 continues in the Middle Atlantic States and is apparent also this week in the Pacific States of California, Oregon and Washington where of 111 of known age, 73 (66%) are over the age of 20.

EPIDEMIOLOGICAL REPORTS

Food-borne Staph Enterotoxin Outbreaks

Twenty-two outbreaks of gastroenteritis presumed due to staphylococcus enterotoxin are summarized on page 8. A total of 26 such outbreaks have been reported thus far this year from 12 States. (See MMWR, Vol. 10, No. 12.) The principle vehicles involved have included sandwich preparations, casseroles, and the familiar cream-filled bakery products.

The presumed place of contamination of 11 of the 26 outbreaks have been in restaurants or commercial kitchens, six in homes, three in bakeries, and three in products commercially prepared. The commercially prepared products thought to have been involved were weiners, canned tuna fish and chocolate popsicles.

Although the number reported to have been ill is over 600, it is probable that the actual number considerably exceeds this, for in several of the outbreaks only a small

number of cases involving a restaurant or commercial source were known or investigated; the number having eaten the suspect food was many times this number.

Staphylococcal Food Poisoning - Minnesota

An outbreak of staphylococcal gastroenteritis occurring during April in a school in Minnesota was reported by Dr. D. S. Fleming, Director, Division of Disease Prevention and Control, Minnesota Department of Health. A total of eighty persons including grade school and high school students, teachers and custodians, became ill 2-4 hours after eating the suspect meal. Symptoms consisted of abrupt onset of nausea, vomiting and abdominal discomfort. Recovery was rapid and hospitalization was required in only two cases. The illness appeared most severe in the younger children. Common to all reporting illness was the ingestion of ham salad sandwiches. On direct examination paired gram-positive cocci were demonstrated in the ham salad and on culture of hemolytic coagulase-positive *Staphylococcus aureus* was found. It was subsequently determined that during preparation of the ham salad, the refrigerator had not been functioning properly thus providing overnight incubation for any organisms present.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 9, 1960 AND JULY 8, 1961

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

Area	Polio-myelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undul- lant fever) 044
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	27th Week		Cumulative, first 27 weeks		27th Week		Cumulative, first 27 weeks		080.2			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960		
UNITED STATES-----	10	49	251	518	7	39	157	385	1	10	29	8
NEW ENGLAND-----	-	12	3	45	-	10	3	41	-	2	-	-
Maine-----	-	-	-	6	-	-	-	6	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	2	6	-	-	2	6	-	-	-	-
Rhode Island-----	-	12	-	33	-	10	-	29	-	2	-	-
Connecticut-----	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC-----	-	3	18	48	-	3	14	35	-	-	1	1
New York-----	-	2	8	37	-	2	6	26	-	-	1	-
New Jersey-----	-	-	5	6	-	-	4	6	-	-	-	-
Pennsylvania-----	-	1	5	5	-	1	4	3	-	-	-	1
EAST NORTH CENTRAL-----	-	1	27	54	-	1	18	23	-	-	1	-
Ohio-----	-	-	11	21	-	-	6	7	-	-	1	-
Indiana-----	-	-	3	1	-	-	2	-	-	-	-	-
Illinois-----	-	-	7	14	-	-	6	10	-	-	-	-
Michigan-----	-	1	3	15	-	1	3	5	-	-	-	-
Wisconsin-----	-	-	3	3	-	-	1	1	-	-	-	-
WEST NORTH CENTRAL-----	1	1	14	28	1	1	7	15	-	-	2	5
Minnesota-----	-	1	3	14	-	1	3	11	-	-	1	-
Iowa-----	-	-	2	7	-	-	-	1	-	-	-	2
Missouri-----	1	-	7	4	1	-	2	3	-	-	1	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	-	-	2	-	-	-	2	-	-	-	-	-
Kansas-----	-	-	-	2	-	-	-	-	-	-	-	3
SOUTH ATLANTIC-----	2	5	39	68	2	5	26	56	-	-	4	1
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-
Maryland-----	1	-	1	-	1	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	1	-	-	-	1	-	-	-	1	1
West Virginia-----	1	1	5	7	1	1	3	7	-	-	-	-
North Carolina-----	-	-	4	18	-	-	3	17	-	-	-	-
South Carolina-----	-	2	4	9	-	2	4	7	-	-	2	-
Georgia-----	-	-	14	4	-	-	8	3	-	-	-	-
Florida-----	-	2	8	29	-	2	5	22	-	-	1	-
EAST SOUTH CENTRAL-----	3	3	26	18	1	3	9	15	1	-	5	-
Kentucky-----	-	-	16	8	-	-	2	5	-	-	-	-
Tennessee-----	3	1	5	2	1	1	2	2	1	-	1	-
Alabama-----	-	1	1	2	-	1	1	2	-	-	-	-
Mississippi-----	-	1	4	6	-	1	4	6	-	-	4	-
WEST SOUTH CENTRAL-----	1	9	41	67	1	3	24	41	-	6	2	-
Arkansas-----	-	1	2	2	-	1	-	1	-	-	-	-
Louisiana-----	-	4	11	22	-	2	8	16	-	2	-	-
Oklahoma-----	-	-	-	3	-	-	-	3	-	-	-	-
Texas-----	1	4	28	40	1	-	16	21	-	4	2	-
MOUNTAIN-----	2	-	22	23	1	-	13	13	-	-	2	-
Montana-----	1	-	2	10	1	-	2	6	-	-	-	-
Idaho-----	-	-	4	4	-	-	1	1	-	-	-	-
Wyoming-----	-	-	-	1	-	-	-	-	-	-	-	-
Colorado-----	-	-	3	2	-	-	3	2	-	-	2	-
New Mexico-----	-	-	1	2	-	-	-	-	-	-	-	-
Arizona-----	-	-	5	3	-	-	3	3	-	-	-	-
Utah-----	1	-	7	1	-	-	4	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	15	61	167	1	13	43	146	-	2	12	1
Washington-----	-	-	9	7	-	-	5	7	-	-	-	-
Oregon-----	-	-	7	16	-	-	1	11	-	-	-	-
California-----	1	15	43	138	1	13	35	122	-	2	12	1
Alaska-----	-	-	2	-	-	-	-	2	-	-	-	-
Hawaii-----	-	-	2	4	-	-	2	4	-	-	-	-
Puerto Rico-----	-	25	4	293	-	25	4	286	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 9, 1960 AND JULY 8, 1961 - 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	
	27th Week		Cumulative, first 27 weeks		082		27th Week		Cumulative, first 27 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	5	8	314	337	17	38	1,011	513	44,074	20,223	6,087	6,693
NEW ENGLAND-----	-	-	5	10	1	1	25	15	1,208	610	771	618
Maine-----	-	-	-	2	1	-	-	2	69	44	92	52
New Hampshire-----	-	-	-	-	-	-	1	-	74	20	11	4
Vermont-----	-	-	-	-	-	-	8	-	141	9	75	113
Massachusetts-----	-	-	4	7	-	1	10	6	430	304	458	317
Rhode Island-----	-	-	-	1	-	-	6	5	168	118	52	32
Connecticut-----	-	-	1	-	-	-	-	2	326	115	83	100
MIDDLE ATLANTIC-----	-	-	16	10	2	7	92	47	6,327	2,140	1,530	1,100
New York-----	-	-	7	2	-	4	36	34	2,601	1,081	863	809
New Jersey-----	-	-	-	1	-	1	28	2	1,553	164	405	235
Pennsylvania-----	-	-	9	7	2	2	28	11	2,173	895	262	56
EAST NORTH CENTRAL-----	-	3	13	28	-	1	189	72	8,911	3,838	1,397	2,444
Ohio-----	-	-	1	14	-	-	38	23	3,066	1,261	180	213
Indiana-----	-	-	1	4	-	-	16	4	1,452	461	30	205
Illinois-----	-	-	10	3	-	-	23	9	1,499	793	142	202
Michigan-----	3	-	1	6	-	-	108	35	2,679	1,162	602	752
Wisconsin-----	-	-	-	1	-	1	4	1	215	161	443	1,072
WEST NORTH CENTRAL-----	-	-	26	18	1	2	111	20	4,497	1,540	204	132
Minnesota-----	-	-	15	5	-	-	9	1	1,006	161	8	9
Iowa-----	-	-	1	2	-	1	54	6	1,302	269	100	41
Missouri-----	-	-	-	2	-	-	21	8	998	571	51	29
North Dakota-----	-	-	2	1	-	1	7	3	106	120	38	51
South Dakota-----	-	-	6	5	-	-	-	1	124	117	1	-
Nebraska-----	-	-	2	1	1	-	18	1	466	145	6	2
Kansas-----	-	-	-	2	-	-	2	-	495	157	NN	NN
SOUTH ATLANTIC-----	-	4	61	79	-	3	216	83	5,463	2,433	612	389
Delaware-----	-	-	-	-	-	-	3	4	139	149	9	9
Maryland-----	-	-	1	1	-	-	37	6	527	236	41	36
District of Columbia-----	-	-	2	-	-	-	2	1	62	20	11	12
Virginia-----	-	-	12	9	-	1	120	23	873	495	285	129
West Virginia-----	-	2	1	4	-	-	15	14	1,076	470	133	79
North Carolina-----	-	-	7	2	-	-	11	17	1,147	199	23	3
South Carolina-----	-	1	2	20	-	-	6	1	296	43	37	20
Georgia-----	-	-	13	17	-	-	-	6	518	169	-	10
Florida-----	-	1	23	26	-	2	22	11	825	652	73	91
EAST SOUTH CENTRAL-----	3	-	15	39	2	3	134	61	6,822	3,034	347	438
Kentucky-----	-	-	3	1	-	1	44	20	2,031	1,186	34	108
Tennessee-----	-	-	2	6	-	-	36	17	2,746	987	251	282
Alabama-----	-	-	5	20	-	-	41	18	1,161	642	33	35
Mississippi-----	3	-	5	12	2	2	13	6	884	219	29	13
WEST SOUTH CENTRAL-----	2	-	166	120	2	4	70	68	3,182	1,672	232	298
Arkansas-----	-	-	3	2	-	-	19	2	619	73	2	1
Louisiana-----	1	-	18	28	-	-	8	7	320	78	-	1
Oklahoma-----	-	-	3	6	1	1	2	20	229	238	2	18
Texas-----	1	-	142	84	1	3	41	39	2,014	1,283	228	278
MOUNTAIN-----	-	1	7	32	-	2	52	41	2,782	1,663	341	411
Montana-----	-	-	2	2	-	-	8	4	263	65	64	28
Idaho-----	-	-	-	11	-	-	1	2	177	208	28	25
Wyoming-----	-	-	-	5	-	-	1	2	108	15	1	2
Colorado-----	-	-	4	3	-	1	12	20	956	589	128	175
New Mexico-----	-	-	-	4	-	-	5	3	313	234	NN	-
Arizona-----	-	-	-	3	-	1	17	8	421	385	102	118
Utah-----	1	-	4	4	-	-	8	2	463	147	14	59
Nevada-----	-	-	1	-	-	-	-	-	81	20	4	4
PACIFIC-----	-	-	5	1	9	15	122	106	4,882	3,293	653	863
Washington-----	-	-	-	-	-	-	15	8	608	392	35	59
Oregon-----	-	-	-	-	-	-	14	9	819	566	109	289
California-----	-	-	1	-	9	15	92	87	3,275	2,146	497	483
Alaska-----	-	-	4	1	-	-	1	2	144	135	3	28
Hawaii-----	-	-	-	-	-	-	-	-	36	54	9	4
Puerto Rico-----	2	-	40	91	-	-	25	8	545	440	17	48

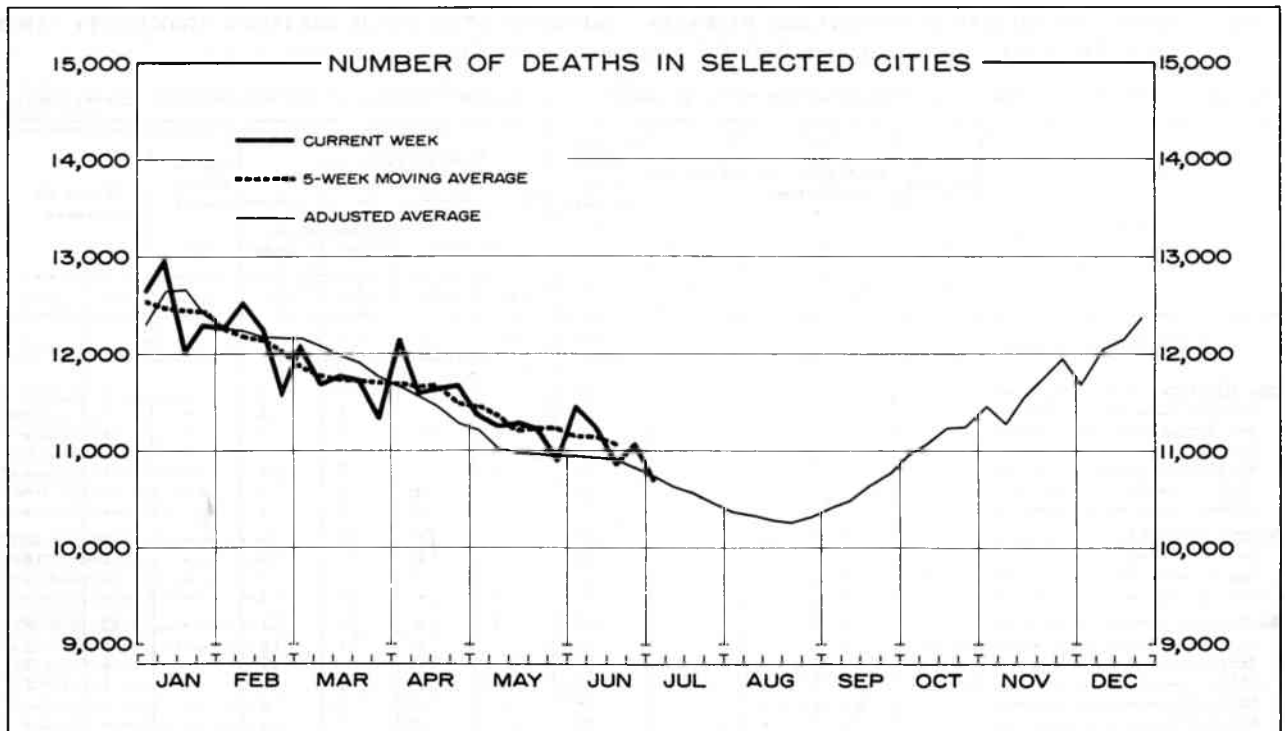
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JULY 9, 1960 AND JULY 8, 1961 - Continued

(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	27th Week		Cumulative, first 27 weeks		101	1961	1960
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	-	17	42	2	2,767	19	29	311	356	3	77	65
NEW ENGLAND-----	-	-	5	-	157	1	-	7	5	-	-	-
Maine-----	-	-	-	-	7	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	4	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	13	-	-	-	-	-	-	-
Massachusetts-----	-	-	3	-	38	1	-	2	2	-	-	-
Rhode Island-----	-	-	1	-	22	-	-	1	-	-	-	-
Connecticut-----	-	-	1	-	73	-	-	3	1	-	-	-
MIDDLE ATLANTIC-----	-	2	10	-	160	-	5	36	21	-	2	16
New York-----	-	1	4	-	128	-	5	19	18	-	2	16
New Jersey-----	-	-	1	-	22	-	-	7	-	-	-	-
Pennsylvania-----	-	1	5	-	10	-	-	10	3	-	-	-
EAST NORTH CENTRAL-----	-	3	8	1	199	3	3	40	37	-	10	8
Ohio-----	-	1	1	-	40	1	1	13	6	-	1	2
Indiana-----	-	-	1	-	34	-	1	6	11	-	4	4
Illinois-----	-	1	2	1	41	2	1	19	10	-	5	2
Michigan-----	-	1	4	-	26	-	-	1	6	-	-	-
Wisconsin-----	-	-	-	-	58	-	-	1	4	-	-	-
WEST NORTH CENTRAL-----	-	-	2	-	75	1	2	23	21	-	27	22
Minnesota-----	-	-	-	-	2	-	-	5	1	-	1	-
Iowa-----	-	-	-	-	18	-	1	1	3	-	15	3
Missouri-----	-	-	1	-	5	1	-	12	14	-	10	7
North Dakota-----	-	-	-	-	50	-	1	-	1	-	-	3
South Dakota-----	-	-	-	-	-	-	-	2	1	-	-	7
Nebraska-----	-	-	-	-	-	-	-	1	1	-	1	2
Kansas-----	-	-	-	-	-	-	-	2	-	-	-	-
SOUTH ATLANTIC-----	-	2	8	-	235	1	9	47	53	-	6	6
Delaware-----	-	-	-	-	-	-	-	1	1	-	-	-
Maryland-----	-	1	1	-	2	1	-	1	-	-	-	-
District of Columbia-----	-	-	-	-	1	-	-	6	4	-	-	-
Virginia-----	-	1	1	-	65	-	7	1	12	-	3	4
West Virginia-----	-	-	-	-	42	-	-	4	2	-	3	2
North Carolina-----	-	-	3	-	-	-	-	7	8	-	-	-
South Carolina-----	-	-	-	-	21	-	1	2	8	-	-	-
Georgia-----	-	-	1	-	-	-	1	18	10	-	-	-
Florida-----	-	-	2	-	104	-	-	7	8	-	-	-
EAST SOUTH CENTRAL-----	-	1	1	-	586	1	2	33	52	-	4	5
Kentucky-----	-	1	-	-	44	-	-	6	13	-	1	1
Tennessee-----	-	-	-	-	473	1	1	23	25	-	3	3
Alabama-----	-	-	1	-	26	-	-	3	9	-	-	1
Mississippi-----	-	-	-	-	43	-	1	1	5	-	-	-
WEST SOUTH CENTRAL-----	-	2	2	-	495	7	3	67	119	3	22	7
Arkansas-----	-	-	-	-	1	2	1	9	22	1	7	3
Louisiana-----	-	1	1	-	3	-	2	5	48	-	-	1
Oklahoma-----	-	-	-	-	1	3	-	8	5	-	-	-
Texas-----	-	1	1	-	490	2	-	45	44	2	15	3
MOUNTAIN-----	-	-	-	-	606	2	1	26	18	-	1	-
Montana-----	-	-	-	-	137	-	-	3	5	-	-	-
Idaho-----	-	-	-	-	62	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	2	-	-	-
Colorado-----	-	-	-	-	255	-	-	5	-	-	-	-
New Mexico-----	-	-	-	-	-	1	1	7	5	-	1	-
Arizona-----	-	-	-	-	109	-	-	5	6	-	-	-
Utah-----	-	-	-	-	39	-	-	2	-	-	-	-
Nevada-----	-	-	-	-	4	1	-	3	-	-	-	-
PACIFIC-----	-	7	6	1	254	3	4	32	30	-	5	1
Washington-----	-	2	-	-	36	2	-	5	1	-	-	-
Oregon-----	-	-	-	-	20	-	-	-	6	-	-	-
California-----	-	5	6	1	197	1	4	27	23	-	5	1
Alaska-----	-	-	-	-	1	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	11	-	-	10	16	-	-	-

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 each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived 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	27th week ended July 8, 1961	26th week ended July 1, 1961	Adjusted average, 27th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 27 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	10,700	11,071	10,737	-0.3	315,678	323,182	-2.3
New England----- (14 cities)	651*	656	638	+2.0	19,505	20,339	-4.1
Middle Atlantic----- (20 cities)	3,094	2,985	2,929	+5.6	90,262	89,426	+0.9
East North Central----- (21 cities)	2,486	2,354	2,296	+8.3	67,645	69,362	-2.5
West North Central----- (9 cities)	752*	698	761	-1.2	21,309	22,526	-5.4
South Atlantic----- (11 cities)	863	979	913	-5.5	27,136	28,125	-3.5
East South Central----- (8 cities)	413	531	488	-15.4	14,277	14,677	-2.7
West South Central----- (13 cities)	814	988	1,005	-19.0	26,761	28,462	-6.0
Mountain----- (8 cities)	369	413	346	+6.6	10,025	10,084	-0.6
Pacific----- (13 cities)	1,258	1,467	1,361	-7.6	38,758	40,181	-3.5

*Includes estimate for missing reports.

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Table 4. DEATHS IN SELECTED CITIES

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

Area	27th week ended July 8, 1961	26th week ended July 1, 1961	Cumulative, first 27 weeks		Area	27th week ended July 8, 1961	26th week ended July 1, 1961	Cumulative, first 27 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	206	203	6,629	7,079	St. Louis, Mo.-----	234	232	6,469	6,959
Bridgeport, Conn.-----	37*	47	1,055	1,173	St. Paul, Minn.-----	68	58	1,825	1,985
Cambridge, Mass.-----	30	33	818	890	Wichita, Kans.-----	46	49	1,236	1,289
Fall River, Mass.-----	31	23	751	823	SOUTH ATLANTIC:				
Hartford, Conn.-----	48	44	1,301	1,309	Atlanta, Ga.-----	92	97	3,106	3,284
Lowell, Mass.-----	14	26	682	672	Baltimore, Md.-----	218	256	6,830	7,149
Lynn, Mass.-----	16	23	614	677	Charlotte, N.C.-----	31	38	966	1,135
New Bedford, Mass.-----	26	22	731	684	Jacksonville, Fla.-----	45	52	1,565	1,741
New Haven, Conn.-----	47	42	1,288	1,256	Miami, Fla.-----	70	79	2,073	2,062
Providence, R.I.-----	75	61	1,720	1,790	Norfolk, Va.-----	40	47	1,358	1,149
Somerville, Mass.-----	8	14	365	395	Richmond, Va.-----	70	85	2,176	2,227
Springfield, Mass.-----	38	52	1,269	1,293	Savannah, Ga.-----	20	29	891	1,002
Waterbury, Conn.-----	21	19	749	785	St. Petersburg, Fla.-----	(66)	(70)	(1,970)	(2,057)
Worcester, Mass.-----	54	47	1,533	1,513	Tampa, Fla.-----	63	80	1,841	1,886
MIDDLE ATLANTIC:					Washington, D.C.-----	177	177	5,270	5,422
Albany, N.Y.-----	44	48	1,274	1,245	Wilmington, Del.-----	37	39	1,060	1,068
Allentown, Pa.-----	40	32	956	994	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	151	149	4,071	4,129	Birmingham, Ala.-----	62	67	2,354	2,401
Camden, N.J.-----	34	36	1,165	1,209	Chattanooga, Tenn.-----	35	46	1,308	1,305
Elizabeth, N.J.-----	19	16	782	813	Knoxville, Tenn.-----	17	22	754	829
Erie, Pa.-----	45	33	1,086	1,080	Louisville, Ky.-----	98	187	3,183	3,179
Jersey City, N.J.-----	62	49	1,921	1,976	Memphis, Tenn.-----	79	89	3,123	3,143
Newark, N.J.-----	126	81	2,822	2,715	Mobile, Ala.-----	35	29	1,100	1,149
New York City, N.Y.-----	1,615	1,486	46,165	45,463	Montgomery, Ala.-----	13	36	855	987
Paterson, N.J.-----	39	32	1,080	1,093	Nashville, Tenn.-----	74	55	1,600	1,684
Philadelphia, Pa.-----	485	480	14,128	13,658	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	143	177	5,279	5,375	Austin, Tex.-----	24	23	925	969
Reading, Pa.-----	13	27	621	667	Baton Rouge, La.-----	13	41	766	814
Rochester, N.Y.-----	88	100	2,711	2,754	Corpus Christi, Tex.-----	15	16	616	685
Schenectady, N.Y.-----	23	23	670	656	Dallas, Tex.-----	109	121	3,382	3,528
Scranton, Pa.-----	28	35	967	1,059	El Paso, Tex.-----	31	32	969	1,073
Syracuse, N.Y.-----	65	64	1,684	1,740	Fort Worth, Tex.-----	65	60	1,781	1,899
Trenton, N.J.-----	19	54	1,227	1,161	Houston, Tex.-----	102	196	4,463	4,677
Utica, N.Y.-----	26	33	792	766	Little Rock, Ark.-----	46	53	1,514	1,640
Yonkers, N.Y.-----	29	30	881	873	New Orleans, La.-----	178	166	4,554	5,136
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	58	80	2,068	2,095
Akron, Ohio-----	68	56	1,556	1,561	San Antonio, Tex.-----	80	101	2,814	2,870
Canton, Ohio-----	16	35	860	961	Shreveport, La.-----	48	56	1,413	1,514
Chicago, Ill.-----	818	689	20,560	21,361	Tulsa, Okla.-----	45	43	1,496	1,562
Cincinnati, Ohio-----	148	159	4,313	4,337	MOUNTAIN:				
Cleveland, Ohio-----	195	198	5,608	5,936	Albuquerque, N. Mex.-----	51	37	871	859
Columbus, Ohio-----	113	130	3,123	3,301	Colorado Springs, Colo.-----	19	14	454	468
Dayton, Ohio-----	79	73	2,227	2,005	Denver, Colo.-----	93	150	3,115	3,315
Detroit, Mich.-----	316	326	9,246	9,554	Ogden, Utah-----	13	19	437	470
Evansville, Ind.-----	40	30	994	1,009	Phoenix, Ariz.-----	78	77	2,266	2,153
Flint, Mich.-----	39	41	1,187	1,119	Pueblo, Colo.-----	14	16	455	433
Fort Wayne, Ind.-----	34	46	1,054	1,041	Salt Lake City, Utah-----	61	42	1,344	1,357
Gary, Ind.-----	27	34	833	880	Tucson, Ariz.-----	40	58	1,083	1,029
Grand Rapids, Mich.-----	61	42	1,257	1,149	PACIFIC:				
Indianapolis, Ind.-----	122	123	3,937	4,065	Berkeley, Calif.-----	14	15	462	467
Madison, Wis.-----	34	30	895	900	Fresno, Calif.-----	(48)	(48)	(1,226)	(1,270)
Milwaukee, Wis.-----	127	130	3,372	3,454	Glendale, Calif.-----	(36)	(37)	(920)	(1,059)
Peoria, Ill.-----	19	34	793	816	Honolulu, Hawaii-----	38	37	1,083	1,163
Rockford, Ill.-----	26	23	780	801	Long Beach, Calif.-----	41	46	1,543	1,528
South Bend, Ind.-----	24	24	787	793	Los Angeles, Calif.-----	447	480	13,738	14,335
Toledo, Ohio-----	109	76	2,689	2,772	Oakland, Calif.-----	132	152	2,698	2,668
Youngstown, Ohio-----	71	55	1,574	1,547	Pasadena, Calif.-----	25	41	914	945
WEST NORTH CENTRAL:					Portland, Ore.-----	127	117	2,945	3,089
Des Moines, Iowa-----	37	41	1,420	1,568	Sacramento, Calif.-----	47	82	1,720	1,609
Duluth, Minn.-----	17	25	689	706	San Diego, Calif.-----	66	75	2,423	2,490
Kansas City, Kans.-----	46	32	1,047	964	San Francisco, Calif.-----	156	209	5,382	5,540
Kansas City, Mo.-----	120*	122	3,497	3,561	San Jose, Calif.-----	(42)	(35)	(969)	(949)
Lincoln, Nebr.-----	(33)	(19)	(762)	(714)	Seattle, Wash.-----	101	130	3,554	3,876
Minneapolis, Minn.-----	125	87	3,278	3,439	Spokane, Wash.-----	39	45	1,245	1,286
Omaha, Nebr.-----	59	52	1,848	2,055	Tacoma, Wash.-----	25	38	1,051	1,185
					San Juan, P. R.-----	(21)	(30)	(951)	(960)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

QUARANTINE MEASURES

Immunization Information for International Travel

No Changes Reported

REPORTED STAPHYLOCOCCUS ENTEROTOXIN OUTBREAKS THROUGH JUNE 30, 1961

Date	State	No. Eating		Suspected Vehicle	Probable Place of Contamination	Incubation Range	Reported by
		Meal	Vehicle				
*3/61	Idaho	Unknown	Unknown	43	Potato Salad	3-5 hrs.	J. A. Mather
3/6/61	Ill.	6	6	5	Weiners	5-7 hrs.	L. Miche
*3/12/61	Minn.	20	20	20	Turkey	5-6 hrs.	D. S. Flemming
3/13/61	Wash.	5	5	5	Chocolate milk	1½-2 hrs.	D. S. Martin
3/13/61	Ill.	Unknown	Unknown	2	Tuna fish salad	2-2½ hrs.	W. C. Spent
3/17/61	West Va.	100	5	5	Ham sandwiches	4 hrs.	H. Pyle; B. Bruce
3/29/61	Calif.	7	7	7	Roast duck and lobster	2-2½ hrs.	P. K. Condit
3/31/61	Ill.	250	100	100	Cream puffs, eclairs	2-5 hrs.	F. Long
*4/61	Minn.	Unknown	80	80	Ham salad sandwiches	2-4 hrs.	D. S. Flemming
4/1-2/61	Mass.	30	18	18	Chicken broth	8 hrs.	H. T. Phillips
4/2/61	Mass.	12	12	12	Cream-filled layer cake	3-8 hrs.	F. A. Durham
4/4/61	Calif.	7	3	3	Ham	1½ hrs.	L. H. Rothbaler
4/6/61	La.	125	50	50	Chicken and spaghetti	3 hrs.	C. T. Caraway
4/14/61	Calif.	3	3	3	Canned tuna fish	3 hrs.	A. J. Black
4/16/61	Calif.	23	21	21	Chicken noodle vegetable dish	2-6 hrs.	D. Harris; C. Carsen;
4/22/61	Va.	138	68	68	Chicken salad	4-8 hrs.	M. Romaine
4/28/61	La.	50	12	12	German Chocolate cakes	Unknown	H. A. Stafford
*4/28/61	Ala.	73	36	36	Chocolate popples	1-3 hrs.	W. B. Nelson
5/14/61	Calif.	11	8	8	Turkey	2-7 hrs.	C. M. Gurnand
5/19-25/61	La.	100	6	6	Bar-B-Q-Ham sandwiches	2½-6 hrs.	D. E. Brown
5/23/61	La.	9	5	5	Unknown	2-3 hrs.	L. W. Tucker
6/17/61	Va.		4	4	Pork barbeque	2-3 hrs.	M. Romaine

* Included as epidemiological reports.

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