

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the COMMUNICABLE DISEASE CENTER MEIrose 4-5131

For release September 15, 1961

Atlanta 22, Georgia

Vol. 10, No. 36

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 9, 1961

Poliomyelitis - A total of 62 cases, including 37 paralytic, was reported for the week ending September 9. This represents very little change from the 60 cases, including 36 paralytic, reported during the previous week. Thus, poliomyelitis has had no substantial increase for two successive weeks. The incidence of poliomyelitis continues to remain well below previous years as shown in the following table:

Poliomyelitis Cases (Cumulative) Through 36th Week

	1961	1960	1959	1958	1957
Paralytic	454	1200	3122	1262	1305
Total	685	1735	4956	2597	4162

New York continued to account for most cases reported with 14 total and 9 paralytic cases for the current week (See Epidemiological Reports).

The only other States with more than two paralytic cases for the current week were Pennsylvania with four, and West Virginia and California with three each. There is no concentration of cases within these States.

EPIDEMIOLOGICAL REPORTS

Poliomyelitis - Upstate New York

Through Saturday, September 9, 46 cases of paralytic poliomyelitis have been reported from the Counties of

Table 1. Cases of Specified Notifiable Diseases: United States

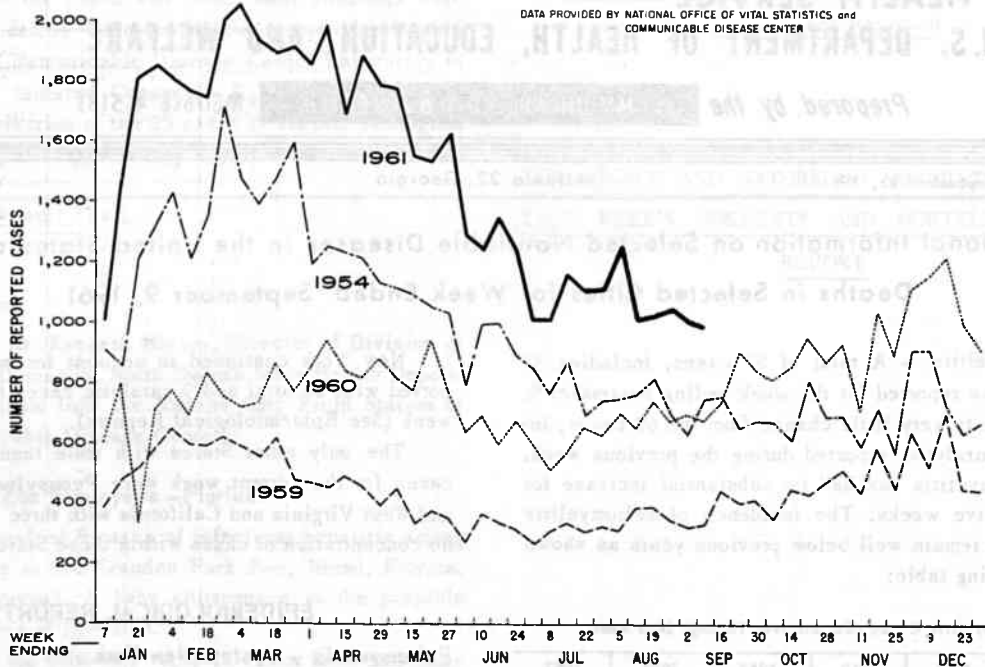
(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	36th Week			Cumulative						Approximate seasonal low point	
	Ended Sept. 9, 1961	Ended Sept. 10, 1960	Median 1956-60	First 36 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	-	-	*	5	12	*	*	*	*	*	*
Botulism-----049.1	1	-	*	5	8	*	*	*	*	*	*
Brucellosis (undulant fever)-----044	15	7	22	428	558	564	*	*	*	*	*
Diphtheria-----055	6	14	14	380	428	513	71	94	116	July 1	
Encephalitis, infectious-----082	31	57	68	1,098	1,281	1,259	1,098	1,281	1,259	Jan. 1	
Hepatitis, infectious, and serum-----092,N998.5 pt.	995	679	268	53,820	26,182	14,268	995	679	268	Sept. 1	
Malaria-----110-117	1	-	*	38	46	*	*	*	*	*	*
Measles-----085	697	725	824	386,325	400,582	448,032	697	719	824	Sept. 1	
Meningitis, aseptic-----340 pt.	142	146	---	1,862	1,751	---	1,862	1,751	---	Jan. 1	
Meningococcal infections-----057	20	28	29	1,535	1,563	1,721	20	28	29	Sept. 1	
Poliomyelitis-----080	62	153	314	685	1,735	4,155	582	1,523	3,627	Apr. 1	
Paralytic-----080.0,080.1	37	110	152	454	1,200	1,299	394	1,041	1,024	Apr. 1	
Nonparalytic-----080.2	16	26	122	150	167	2,179	125	341	2,018	Apr. 1	
Unspecified-----080.3	9	17	40	81	368	677	63	141	585	Apr. 1	
Pittacosis-----096.2	2	1	*	51	72	*	*	*	*	*	*
Rabies in man-----094	-	-	*	3	1	*	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	2,958	2,987	---	236,649	226,894	---	17,438	---	---	Aug. 1	
Typhoid fever-----040	30	22	24	540	544	678	426	415	498	Apr. 1	
Typhus fever, endemic-----101	-	-	*	26	51	*	*	*	*	*	*
Rabies in animals-----	60	44	64	2,455	2,639	3,209	3,031	3,606	4,139	Oct. 1	

Figures for current week exclude missing report from Oklahoma
 Botulism - 1 Florida
 Plague 2 - N.M. (Previously described Vol. 10, No. 30, July 29 and Vol. 10, No. 35, Sept. 2)

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CURRENT U. S. HEPATITIS INCIDENCE
compared with years 1954, 1959, 1960

Onondaga, Madison and Oneida in upstate New York. An additional 14 paralytic cases have been recognized through Wednesday, September 13. Of the 60 cases, 34 have occurred in Onondaga County (22 in Syracuse), 15 in Madison County, and 11 in Oneida County. Type I poliovirus has been isolated from seven of these cases. The tri-county area was the scene of an intensive immunization program from August 29-31. Over 400,000 doses of Type I oral poliovaccine were fed during this period (total population 742,000).

The 57 paralytic cases with onset of symptoms since July are shown below. Cases continue to occur in Onondaga County while the last case to occur in either Madison or Oneida County was on September 1.

Week Ending:	7/29	8/5	8/12	8/19	8/26	9/2	9/9
Onondaga County	1	2	1	4	10	11	4
Madison County	0	4	3	5	2	0	0
Oneida County	0	2	2	2	3	1	0
Total	1	8	6	11	15	12	4

Fifteen cases have been reported with onset since the oral immunization program began. All but one of the 15 cases are from Onondaga County. Of the 15 cases, 11 received oral vaccine as shown below:

Interval in Days Between Oral Vaccine and Onset of Symptoms

No Oral Vaccine	Same Day	1	2	3	4	5	6	7
4	2	0	2	3	1	1	1	1

Unusual Outbreak - New York State

An unusual outbreak of disease occurred from June 8-21 in New York State. It came to light when two physicians in a small community in Chenango County saw a large number of patients with signs and symptoms of appendicitis. Six appendectomies were performed. On operation the patients were found to have mesenteric adenitis instead of appendicitis.

An attempt was made to determine the incidence of illness in the village and its environs (total population of 4,600). The local industries had no unusual absenteeism. A visit by public health nurses to the homes of children absent from the Central School (enrollment 1,521) revealed 110 cases of illness, ranging from mild, cramp-like abdominal pain to more serious illness, lasting 5 to 6 days with pain and tenderness, especially in the RLQ or LLQ of the abdomen. Twenty-four had mild diarrhea. None had blood in the stool. In the cases seen by physicians, the temperatures ranged from 99 to 103. A few cases had abdominal muscle spasm. Other symptoms were: headache, nausea, dizziness, vomiting, and stiff neck. No respiratory complaints or pain in the chest were noted. Investigation revealed no common source.

The disturbing feature of the outbreak was the difficulty in distinguishing between real appendicitis which required surgery and the epidemic disease which did not.

(continued on page 8)

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 10, 1960 AND SEPTEMBER 9, 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- tant fever) 044
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	36th Week		Cumulative, first 36 weeks		36th Week		Cumulative, first 36 weeks		080.2			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960		
UNITED STATES-----	62	153	685	1,735	37	110	454	1,200	16	26	142	15
NEW ENGLAND-----	3	18	15	159	2	13	12	125	1	5	9	-
Maine-----	-	8	1	19	-	8	1	19	-	-	1	-
New Hampshire-----	-	-	1	-	-	-	-	-	-	-	1	-
Vermont-----	-	2	2	3	-	-	2	1	-	2	-	-
Massachusetts-----	1	2	7	25	1	2	6	17	-	-	4	-
Rhode Island-----	-	3	-	94	-	1	-	73	-	2	3	-
Connecticut-----	2	3	4	18	1	2	3	15	1	1	-	-
MIDDLE ATLANTIC-----	23	26	134	222	15	22	101	171	6	3	5	-
New York-----	14	10	85	127	9	8	61	92	3	1	2	-
New Jersey-----	2	9	25	48	2	7	22	37	-	2	-	-
Pennsylvania-----	7	7	24	47	4	7	18	42	3	-	3	-
EAST NORTH CENTRAL-----	8	35	73	275	3	23	41	155	3	8	38	4
Ohio-----	-	6	19	68	-	4	10	29	-	1	8	-
Indiana-----	2	16	9	56	-	12	5	41	1	2	1	-
Illinois-----	2	5	19	91	1	2	8	58	1	3	11	4
Michigan-----	2	4	14	45	1	4	11	23	1	-	17	-
Wisconsin-----	2	4	12	15	1	1	7	4	-	2	1	-
WEST NORTH CENTRAL-----	4	15	41	92	2	10	19	51	1	4	35	4
Minnesota-----	1	4	5	31	1	4	5	24	-	-	12	1
Iowa-----	2	3	13	14	1	1	6	3	1	2	16	3
Missouri-----	-	2	10	15	-	2	2	9	-	-	-	-
North Dakota-----	-	-	1	7	-	-	-	3	-	-	-	-
South Dakota-----	1	-	1	3	-	-	-	1	-	-	4	-
Nebraska-----	-	4	4	10	-	2	3	7	-	2	-	-
Kansas-----	-	2	7	12	-	1	3	4	-	-	3	-
SOUTH ATLANTIC-----	8	16	129	277	6	12	97	199	1	4	11	2
Delaware-----	-	2	2	-	-	-	1	-	-	-	-	-
Maryland-----	1	2	22	23	1	2	22	20	-	-	-	-
District of Columbia-----	-	-	1	-	-	-	1	-	-	-	-	-
Virginia-----	-	2	8	11	-	2	6	9	-	-	7	-
West Virginia-----	3	-	17	27	3	-	12	22	-	-	1	-
North Carolina-----	-	5	11	60	-	2	6	42	-	3	-	2
South Carolina-----	1	4	12	98	-	3	9	65	-	1	-	-
Georgia-----	-	3	27	12	-	3	20	10	-	-	-	-
Florida-----	3	-	29	46	2	-	20	31	1	-	3	-
EAST SOUTH CENTRAL-----	3	5	54	113	1	2	32	57	1	-	1	3
Kentucky-----	-	3	20	56	-	-	5	5	-	-	-	1
Tennessee-----	3	1	13	20	1	1	7	15	1	-	1	2
Alabama-----	-	1	8	11	-	1	8	11	-	-	-	-
Mississippi-----	-	-	13	26	-	-	12	26	-	-	-	-
WEST SOUTH CENTRAL-----	6	8	102	187	3	6	54	109	3	2	3	2
Arkansas-----	1	1	11	17	-	1	4	9	1	-	1	-
Louisiana-----	2	-	33	38	2	-	25	24	-	-	-	1
Oklahoma-----	-	2	3	10	-	1	-	6	-	1	-	-
Texas-----	3	5	55	122	1	4	25	70	2	1	2	1
MOUNTAIN-----	2	9	40	53	-	1	23	22	-	-	2	-
Montana-----	-	-	3	13	-	-	2	9	-	-	1	-
Idaho-----	1	-	13	5	-	-	6	1	-	-	-	-
Wyoming-----	-	8	-	16	-	-	-	-	-	-	-	-
Colorado-----	-	1	6	7	-	1	6	6	-	-	-	-
New Mexico-----	-	-	3	4	-	-	-	1	-	-	-	-
Arizona-----	-	-	7	4	-	-	5	4	-	-	-	-
Utah-----	1	-	8	4	-	-	4	1	-	-	1	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	21	97	357	5	21	75	311	-	-	38	-
Washington-----	1	-	19	20	1	-	15	20	-	-	5	-
Oregon-----	1	-	12	25	1	-	5	14	-	-	-	-
California-----	3	21	64	303	3	21	53	268	-	-	33	-
Alaska-----	-	-	2	-	-	-	-	2	-	-	-	-
Hawaii-----	-	-	2	7	-	-	2	7	-	-	-	-
Puerto Rico-----	-	7	5	423	-	7	5	416	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 10, 1960 AND SEPTEMBER 9, 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	
	36th Week		Cumulative, first 36 weeks		082		36th Week		Cumulative, first 36 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	6	14	380	428	31	57	995	679	53,820	26,182	697	725
NEW ENGLAND-----	-	-	6	10	1	2	50	19	1,574	789	72	54
Maine-----	-	-	-	2	-	-	3	1	98	47	4	11
New Hampshire-----	-	-	-	-	-	-	14	-	130	25	7	3
Vermont-----	-	-	-	-	-	1	-	-	165	11	6	1
Massachusetts-----	-	-	5	7	-	1	20	5	608	392	39	26
Rhode Island-----	-	-	-	1	1	-	10	7	201	156	1	4
Connecticut-----	-	-	1	-	-	-	3	6	372	158	11	9
MIDDLE ATLANTIC-----	1	-	20	13	6	6	94	89	7,413	2,987	107	107
New York-----	-	-	7	3	4	-	42	49	3,116	1,593	56	82
New Jersey-----	-	-	-	2	-	1	31	3	1,795	208	21	10
Pennsylvania-----	1	-	13	8	2	5	21	37	2,502	1,186	30	15
EAST NORTH CENTRAL-----	-	-	15	35	7	10	193	131	10,818	4,778	157	209
Ohio-----	-	-	1	15	5	1	60	32	3,645	1,604	13	29
Indiana-----	-	-	-	5	-	2	26	9	1,673	545	11	13
Illinois-----	-	-	10	4	2	7	42	53	1,880	994	68	18
Michigan-----	-	-	3	9	-	-	58	35	3,355	1,464	26	37
Wisconsin-----	-	-	-	2	-	-	7	2	265	171	39	112
WEST NORTH CENTRAL-----	3	1	34	22	1	4	54	46	5,263	1,866	15	26
Minnesota-----	3	1	23	6	-	-	9	10	1,145	215	-	3
Iowa-----	-	-	1	5	-	-	22	4	1,531	313	5	8
Missouri-----	-	-	-	2	-	-	14	19	1,196	688	3	-
North Dakota-----	-	-	2	1	-	-	-	1	122	139	7	14
South Dakota-----	-	-	6	5	-	-	-	-	140	124	-	-
Nebraska-----	-	-	2	1	1	-	8	5	545	193	-	1
Kansas-----	-	-	-	2	-	4	1	7	584	194	NN	NN
SOUTH ATLANTIC-----	1	3	78	122	4	8	143	78	6,687	3,103	65	44
Delaware-----	-	-	-	-	-	-	1	5	156	193	1	6
Maryland-----	-	-	1	1	2	-	5	6	618	314	5	6
District of Columbia-----	-	-	2	-	-	1	2	1	83	39	1	1
Virginia-----	-	1	15	13	1	1	31	9	1,070	614	37	16
West Virginia-----	-	-	1	4	-	1	37	14	1,262	580	14	9
North Carolina-----	-	-	7	5	1	-	28	2	1,427	266	-	1
South Carolina-----	-	1	5	38	-	-	11	-	339	47	1	-
Georgia-----	1	-	21	20	-	2	14	9	618	207	2	2
Florida-----	-	1	26	41	-	3	14	32	1,114	843	4	3
EAST SOUTH CENTRAL-----	1	4	29	45	-	9	174	95	8,086	3,764	50	63
Kentucky-----	-	-	8	1	-	-	50	27	2,378	1,398	7	1
Tennessee-----	-	1	3	7	-	5	75	30	3,223	1,234	34	60
Alabama-----	1	1	13	21	-	-	25	24	1,416	811	9	-
Mississippi-----	-	2	5	16	-	4	24	14	1,069	321	-	2
WEST SOUTH CENTRAL-----	-	4	184	145	2	10	85	39	3,912	2,154	90	58
Arkansas-----	-	1	4	5	-	1	16	-	766	110	2	-
Louisiana-----	-	1	23	30	-	-	14	4	419	110	-	-
Oklahoma-----	-	2	5	9	-	1	-	6	261	270	-	1
Texas-----	-	-	152	101	2	8	55	29	2,466	1,664	88	57
MOUNTAIN-----	-	2	8	35	3	3	53	61	3,281	2,123	46	81
Montana-----	-	-	2	3	-	-	2	5	288	90	8	21
Idaho-----	-	-	-	11	-	1	2	6	239	255	3	1
Wyoming-----	-	-	-	5	-	2	1	-	135	22	-	3
Colorado-----	-	-	4	3	-	-	17	14	1,102	765	12	24
New Mexico-----	-	-	1	4	-	-	4	9	360	259	NN	-
Arizona-----	-	-	-	3	3	-	21	9	510	480	20	13
Utah-----	-	2	-	6	-	-	6	6	537	192	3	18
Nevada-----	-	-	1	-	-	-	-	12	110	60	-	1
PACIFIC-----	-	-	6	1	7	5	149	121	6,786	4,618	95	83
Washington-----	-	-	-	-	-	-	27	16	764	520	12	2
Oregon-----	-	-	-	-	1	-	13	28	1,032	764	26	43
California-----	-	-	2	-	6	5	101	74	4,634	3,119	44	35
Alaska-----	-	-	4	1	-	-	7	2	308	150	10	3
Hawaii-----	-	-	-	-	-	-	1	1	48	65	3	-
Puerto Rico-----	2	-	48	105	-	-	12	1	699	567	50	2

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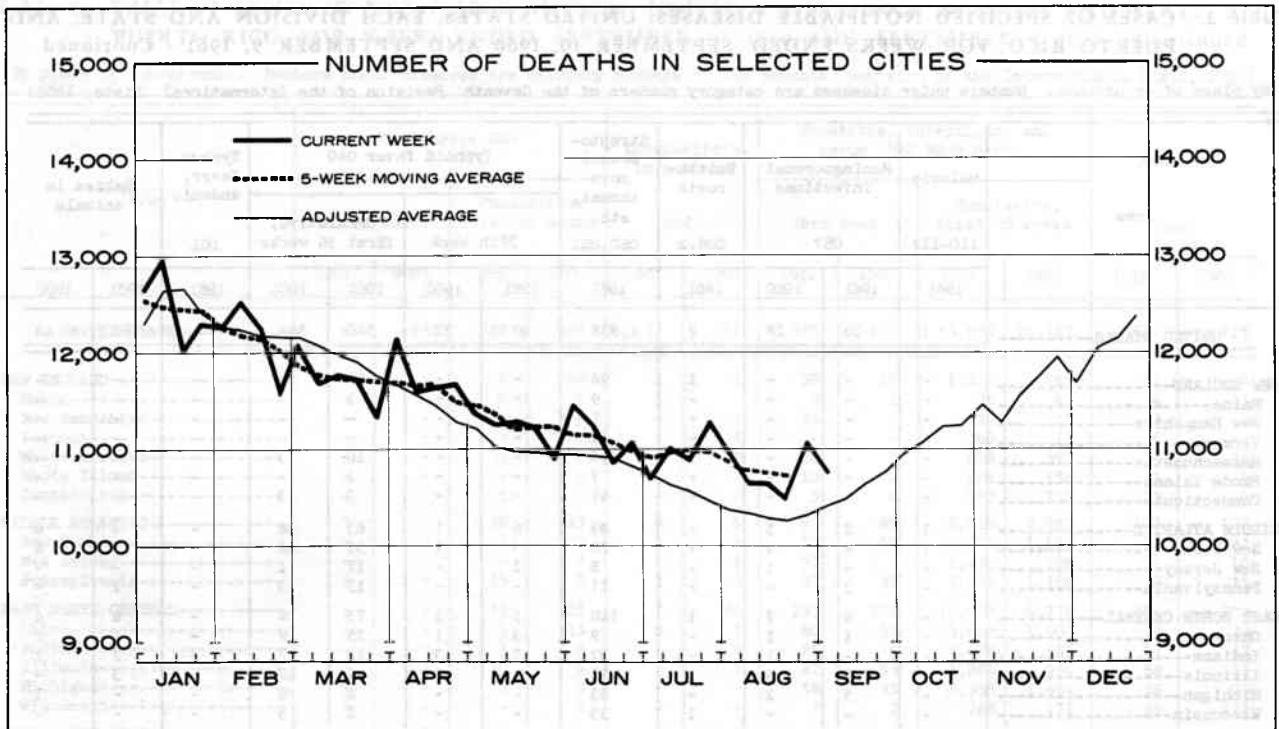
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 10, 1960 AND SEPTEMBER 9, 1961 - Continued

(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	36th Week		Cumulative, first 36 weeks		101	1961	1960
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	1	20	28	2	2,958	30	22	540	544	-	60	44	
NEW ENGLAND-----	-	-	-	1	96	-	-	16	8	-	-	-	
Maine-----	-	-	-	-	9	-	-	1	2	-	-	-	
New Hampshire-----	-	-	-	-	5	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	12	-	-	-	-	-	-	-	
Massachusetts-----	-	-	-	1	16	-	-	10	3	-	-	-	
Rhode Island-----	-	-	-	-	7	-	-	2	-	-	-	-	
Connecticut-----	-	-	-	-	47	-	-	3	3	-	-	-	
MIDDLE ATLANTIC-----	1	2	5	-	89	6	1	63	38	-	4	4	
New York-----	1	-	4	-	70	5	1	31	24	-	3	4	
New Jersey-----	-	-	1	-	8	1	-	17	1	-	-	-	
Pennsylvania-----	-	2	-	-	11	-	-	15	13	-	1	-	
EAST NORTH CENTRAL-----	-	8	7	1	140	5	5	73	74	-	6	4	
Ohio-----	-	1	1	-	9	3	1	25	19	-	1	2	
Indiana-----	-	-	1	-	32	2	3	18	22	-	2	1	
Illinois-----	-	2	3	-	11	-	1	24	20	-	3	-	
Michigan-----	-	5	2	-	55	-	-	4	8	-	-	1	
Wisconsin-----	-	-	-	1	33	-	-	2	5	-	-	-	
WEST NORTH CENTRAL-----	-	-	3	-	77	-	3	28	32	-	20	11	
Minnesota-----	-	-	2	-	2	-	-	5	1	-	2	3	
Iowa-----	-	-	-	-	16	-	1	1	6	-	6	3	
Missouri-----	-	-	-	-	6	-	2	16	19	-	6	3	
North Dakota-----	-	-	1	-	40	-	-	-	1	-	-	-	
South Dakota-----	-	-	-	-	-	-	-	3	2	-	2	-	
Nebraska-----	-	-	-	-	1	-	-	1	2	-	4	2	
Kansas-----	-	-	-	-	12	-	-	2	1	-	-	-	
SOUTH ATLANTIC-----	-	5	3	-	178	7	2	89	83	-	11	9	
Delaware-----	-	1	-	-	1	-	-	1	1	-	-	-	
Maryland-----	-	-	-	-	-	-	-	2	3	-	-	-	
District of Columbia-----	-	-	-	-	-	-	1	9	7	-	-	-	
Virginia-----	-	2	1	-	81	5	-	14	18	-	4	6	
West Virginia-----	-	-	-	-	55	-	-	9	6	-	4	3	
North Carolina-----	-	2	-	-	3	-	-	13	8	-	3	-	
South Carolina-----	-	-	-	-	20	-	1	6	11	-	-	-	
Georgia-----	-	-	2	-	-	2	-	25	20	-	-	-	
Florida-----	-	-	-	-	18	-	-	10	9	-	-	-	
EAST SOUTH CENTRAL-----	-	2	2	-	832	6	3	55	71	-	3	1	
Kentucky-----	-	1	-	-	70	2	-	10	14	-	1	1	
Tennessee-----	-	-	1	-	694	4	3	38	40	-	-	-	
Alabama-----	-	-	1	-	42	-	-	6	12	-	2	-	
Mississippi-----	-	1	-	-	26	-	-	1	5	-	-	-	
WEST SOUTH CENTRAL-----	-	-	5	-	551	2	2	119	160	-	8	8	
Arkansas-----	-	-	-	-	-	-	-	18	37	-	2	1	
Louisiana-----	-	-	4	-	2	1	1	15	54	-	-	2	
Oklahoma-----	-	-	1	-	-	-	-	11	10	-	-	-	
Texas-----	-	-	-	-	549	1	1	75	59	-	6	5	
MOUNTAIN-----	-	-	-	-	797	-	2	45	31	-	3	6	
Montana-----	-	-	-	-	43	-	1	14	9	-	-	-	
Idaho-----	-	-	-	-	23	-	-	1	2	-	-	-	
Wyoming-----	-	-	-	-	2	-	-	3	4	-	-	-	
Colorado-----	-	-	-	-	300	-	-	6	-	-	-	5	
New Mexico-----	-	-	-	-	275	-	1	9	8	-	2	-	
Arizona-----	-	-	-	-	77	-	-	6	7	-	1	1	
Utah-----	-	-	-	-	77	-	-	2	1	-	-	-	
Nevada-----	-	-	-	-	-	-	-	4	-	-	-	-	
PACIFIC-----	-	3	3	-	198	4	4	52	47	-	5	1	
Washington-----	-	1	-	-	60	-	1	7	5	-	-	-	
Oregon-----	-	1	-	-	15	1	-	1	7	-	-	-	
California-----	-	1	3	-	105	3	3	44	35	-	5	1	
Alaska-----	-	-	-	-	14	-	-	-	-	-	-	-	
Hawaii-----	-	-	-	-	4	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	4	1	-	17	17	-	-	-	

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	36th week ended Sept. 9, 1961	35th week ended Sept. 2, 1961	Adjusted average, 36th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 36 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	10,766	11,082	10,412	+3.4	413,485	416,873	-0.8
New England----- (14 cities)	674	665	616	+9.4	25,367	26,060	-2.7
Middle Atlantic----- (20 cities)	3,210	3,087	2,829	+13.5	118,050	115,533	+2.2
East North Central----- (21 cities)	2,360	2,435	2,246	+5.1	88,334	90,248	-2.1
West North Central----- (9 cities)	722	737	738	-2.2	28,141	29,149	-3.5
South Atlantic----- (11 cities)	1,040	908	871	+19.4	35,811	35,845	-0.1
East South Central----- (8 cities)	390	521	480	-18.8	18,637	18,845	-1.1
West South Central----- (13 cities)	876*	1,041	965	-9.2	35,313	36,597	-3.5
Mountain----- (8 cities)	287	376	328	-12.5	13,149	13,067	+0.6
Pacific----- (13 cities)	1,207*	1,312	1,339	-9.9	50,683	51,529	-1.6

*Includes estimate for missing reports.

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

Area	36th week ended Sept. 9, 1961	35th week ended Sept. 2, 1961	Cumulative, first 36 weeks		Area	36th week ended Sept. 9, 1961	35th week ended Sept. 2, 1961	Cumulative, first 36 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL--Con.:				
Boston, Mass.-----	219	231	8,677	9,075	St. Louis, Mo.-----	230	200	8,506	8,976
Bridgeport, Conn.-----	35	40	1,379	1,478	St. Paul, Minn.-----	64	67	2,374	2,534
Cambridge, Mass.-----	29	35	1,043	1,133	Wichita, Kans.-----	39	54	1,655	1,663
Fall River, Mass.-----	29	21	972	1,022	SOUTH ATLANTIC:				
Hartford, Conn.-----	59	44	1,737	1,744	Atlanta, Ga.-----	112	103	4,089	4,279
Lowell, Mass.-----	19	26	882	870	Baltimore, Md.-----	245	240	8,928	9,101
Lynn, Mass.-----	21	16	775	874	Charlotte, N.C.-----	43	27	1,287	1,412
New Bedford, Mass.-----	21	24	942	885	Jacksonville, Fla.-----	64	65	2,071	2,173
New Haven, Conn.-----	40	41	1,661	1,625	Miami, Fla.-----	70	60	2,752	2,638
Providence, R.I.-----	72	68	2,254	2,296	Norfolk, Va.-----	42	44	1,807	1,466
Somerville, Mass.-----	10	9	477	485	Richmond, Va.-----	73	68	2,830	2,814
Springfield, Mass.-----	45	34	1,614	1,646	Savannah, Ga.-----	35	26	1,171	1,237
Waterbury, Conn.-----	26	25	976	992	St. Petersburg, Fla.-----	(54)	(45)	(2,486)	(2,592)
Worcester, Mass.-----	49	51	1,978	1,935	Tampa, Fla.-----	55	73	2,424	2,389
MIDDLE ATLANTIC:					Washington, D.C.-----	258	164	7,017	6,969
Albany, N.Y.-----	34	47	1,653	1,567	Wilmington, Del.-----	43	38	1,435	1,367
Allentown, Pa.-----	45	29	1,244	1,253	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	114	120	5,305	5,293	Birmingham, Ala.-----	56	78	3,079	3,058
Camden, N.J.-----	43	33	1,542	1,541	Chattanooga, Tenn.-----	38	43	1,683	1,681
Elizabeth, N.J.-----	39	23	1,044	1,071	Knoxville, Tenn.-----	19	18	982	1,029
Erie, Pa.-----	40	38	1,428	1,407	Louisville, Ky.-----	76	164	4,128	4,105
Jersey City, N.J.-----	54	51	2,518	2,543	Memphis, Tenn.-----	102	96	4,095	4,056
Newark, N.J.-----	105	93	3,669	3,481	Mobile, Ala.-----	37	38	1,449	1,486
New York City, N.Y.-----	1,809	1,523	60,195	58,700	Montgomery, Ala.-----	23	27	1,124	1,243
Paterson, N.J.-----	40	49	1,412	1,391	Nashville, Tenn.-----	39	57	2,097	2,187
Philadelphia, Pa.-----	399	550	18,599	17,801	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	111	199	6,852	6,956	Austin, Tex.-----	39	47	1,232	1,258
Reading, Pa.-----	17	18	836	849	Baton Rouge, La.-----	17	19	982	1,013
Rochester, N.Y.-----	123	89	3,629	3,619	Corpus Christi, Tex.-----	9	23	789	876
Schenectady, N.Y.-----	27	22	868	866	Dallas, Tex.-----	147	151	4,511	4,529
Scranton, Pa.-----	35	38	1,281	1,356	El Paso, Tex.-----	25	36	1,262	1,390
Syracuse, N.Y.-----	71	58	2,203	2,225	Fort Worth, Tex.-----	59*	69	2,302	2,421
Trenton, N.J.-----	43	43	1,625	1,506	Houston, Tex.-----	99	204	5,923	6,078
Utica, N.Y.-----	22	34	1,017	995	Little Rock, Ark.-----	54	61	2,023	2,073
Yonkers, N.Y.-----	39	30	1,130	1,113	New Orleans, La.-----	180	158	6,080	6,574
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	64	62	2,696	2,703
Akron, Ohio-----	54	58	2,042	2,052	San Antonio, Tex.-----	78	110	3,687	3,699
Canton, Ohio-----	27	33	1,106	1,261	Shreveport, La.-----	50	47	1,842	1,962
Chicago, Ill.-----	718	800	26,788	27,885	Tulsa, Okla.-----	55	54	1,984	2,021
Cincinnati, Ohio-----	147	142	5,633	5,659	MOUNTAIN:				
Cleveland, Ohio-----	191	169	7,328	7,636	Albuquerque, N. Mex.-----	21	30	1,131	1,127
Columbus, Ohio-----	124	107	4,107	4,267	Colorado Springs, Colo.-----	24	13	586	599
Dayton, Ohio-----	83	83	2,909	2,674	Denver, Colo.-----	85	145	4,120	4,282
Detroit, Mich.-----	323	305	12,033	12,377	Ogden, Utah-----	14	23	605	598
Evansville, Ind.-----	35	36	1,304	1,300	Phoenix, Ariz.-----	59	70	2,958	2,810
Flint, Mich.-----	40	42	1,544	1,443	Pueblo, Colo.-----	16	19	606	594
Fort Wayne, Ind.-----	41	48	1,393	1,350	Salt Lake City, Utah-----	35	38	1,751	1,773
Gary, Ind.-----	30	36	1,103	1,144	Tucson, Ariz.-----	33	38	1,392	1,284
Grand Rapids, Mich.-----	50	33	1,624	1,514	PACIFIC:				
Indianapolis, Ind.-----	110	146	5,123	5,280	Berkeley, Calif.-----	17	21	617	608
Madison, Wis.-----	38	36	1,183	1,146	Fresno, Calif.-----	(39)	(41)	(1,591)	(1,626)
Milwaukee, Wis.-----	107	123	4,420	4,495	Glendale, Calif.-----	(19)	(36)	(1,198)	(1,392)
Peoria, Ill.-----	27	27	1,015	1,078	Honolulu, Hawaii-----	26	42	1,433	1,490
Rockford, Ill.-----	25	29	1,022	1,039	Long Beach, Calif.-----	63	52	1,987	1,976
South Bend, Ind.-----	23	26	1,022	1,028	Los Angeles, Calif.-----	414	497	17,960	18,181
Toledo, Ohio-----	93	94	3,535	3,619	Oakland, Calif.-----	81*	89	3,476	3,433
Youngstown, Ohio-----	74	62	2,100	2,001	Pasadena, Calif.-----	28	30	1,190	1,231
WEST NORTH CENTRAL:					Portland, Oreg.-----	95	86	3,835	4,000
Des Moines, Iowa-----	56	58	1,926	1,996	Sacramento, Calif.-----	48*	56	2,237	2,086
Duluth, Minn.-----	21	25	930	922	San Diego, Calif.-----	88	91	3,173	3,245
Kansas City, Kans.-----	37	32	1,351	1,252	San Francisco, Calif.-----	153	163	7,022	7,104
Kansas City, Mo.-----	111	131	4,609	4,629	San Jose, Calif.-----	(35)	(25)	(1,263)	(1,258)
Lincoln, Nebr.-----	(34)	(15)	(994)	(946)	Seattle, Wash.-----	130	105	4,705	4,976
Minneapolis, Minn.-----	115	102	4,297	4,494	Spokane, Wash.-----	42	49	1,671	1,709
Omaha, Nebr.-----	49	68	2,493	2,683	Tacoma, Wash.-----	22	31	1,377	1,490
					San Juan, P. R.-----	(34)	(27)	(1,211)	(1,274)

*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.

Examination of stools from 6 cases and from an ileocecal lymph node yielded no virus on tissue culture or on mouse inoculation. Other laboratory findings were unrevealing.

(Reported by Daniel P. McMahon, M.D., District Health Officer, Binghamton District, New York State Department of Health).

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 the States of Alaska and Hawaii. 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.

INTERNATIONAL NOTES

Cholera - Southeast Asia

In the 4 weeks since Hong Kong was first declared a cholera infected port on August 17, there have been 124 cases of cholera there, including 14 deaths. Strict control measures and mass immunizations have been continuing in Hong Kong and in many neighboring Southeast Asian countries. No newly infected areas have been reported in Southeast Asia since August 17.

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