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 December 5, 1959

A total of 639 cases of infectious hepatitis was reported for the week ended December 5. This is the largest number of reported cases since the first week in February. Close to one-fourth of the cases occurred in Kentucky and New York State.

EPIDEMIOLOGICAL REPORTS

Diphtheria

Dr. W. J. Murphy, Georgia Department of Public Health, reported that 16 cases of diptheria have occurred in Dougherty County. A few other cases were originally reported as diphtheria, but the diagnosis was changed following laboratory and clinical study. The cases were widely scattered throughout the county with no appreciable concentration in any one area and there is little evidence to relate any of the cases through person-to-person spread. Of the 16 cases, 11 were in white children; 5 were in preschool children, and the rest in children of school age. Most of the children were not immunized against diphtheria. Those few who were immunized had not received a booster dose during the past 3 years. Except for 2 or 3 cases with quite severe symptoms, the disease was mild and no deaths resulted. It was reported that until this year Dougherty County has been practically free of diphtheria since 1946, when 12 cases occurred.

In Bibb County, 22 cases have been reported since September 1. Twenty-one of these were in Negro children, almost all of whom had not been immunized. Most of the cases have been comparatively mild and no deaths occurred. Except for some concentration in one community, the cases have been rather widely scattered.

Continued on page 2

Table I. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	48th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 48 weeks			Since seasonal low week			
	Ended Dec. 5, 1959	Ended Dec. 6, 1958	Median 1954-58	1959	1958	Median 1954-58	1958-59	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	12	15	19	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	22	4	11	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	16	22	22	678	755	1,022	(1)	(1)	(1)	(1)
Diphtheria-----055	20	41	56	827	817	1,418	439	495	636	July 1
Encephalitis, infectious-----082	42	36	36	2,053	2,232	1,819	1,472	1,638	1,263	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	639	336	346	21,076	14,201	17,639	6,298	4,120	4,128	Sept. 1
Malaria-----110-117	2	-	1	69	70	226	(1)	(1)	(1)	(1)
Measles-----085	3,619	4,260	3,813	384,575	735,479	583,381	22,290	30,735	24,531	Sept. 1
Meningococcal infections-----057	37	51	71	2,057	2,391	2,453	493	671	699	Sept. 1
Meningitis, other-----340	[2]138	97	---	5,230	4,141	---	---	---	---	---
Poliomyelitis-----080	109	91	152	8,278	5,739	15,053	8,010	5,552	14,074	Apr. 1
Paralytic-----080.0,080.1	79	61	82	5,430	2,931	6,511	5,243	2,828	5,980	Apr. 1
Nonparalytic-----080.2	20	12	40	2,154	1,959	5,798	2,109	1,900	5,536	Apr. 1
Unspecified-----080.3	10	18	30	694	849	2,744	658	824	2,558	Apr. 1
Psittacosis-----096.2	4	2	2	109	135	259	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	4	5	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	21	17	21	818	1,002	1,616	694	836	1,326	Apr. 1
Typhus fever, endemic-----101	-	3	2	45	68	110	39	57	86	Apr. 1
Rabies in animals-----	87	81	81	3,612	4,224	4,371	753	637	719	Oct. 1

[1]Data show no pronounced seasonal change in incidence.
[2]Includes 42 cases of aseptic meningitis; see footnotes to table 2.

EPIDEMIOLOGICAL REPORTS—Continued

Infectious hepatitis

Dr. Richard Wenzel, Washington County-Marietta City (Ohio) Health Commissioner reported 19 cases of infectious hepatitis occurring during a 5-month period in a village with relatively poor sanitary conditions. The village water supply is principally from dug wells and cisterns, and there is no public sewage disposal system. There had been no unusual incidence of the disease in the village during recent years. But a concentrated outbreak did occur in a nearby village in an adjacent county about a year ago and sporadic cases are still occurring there. The ages of the 19 cases ranged from 4 to 58 years. Sixteen cases were in persons under 30 years of age; 10 of these were less than 20 years, and 5 under 9 years. The other 3 were over 40 years of age. Ten of the cases were in males. There were no fatal cases. Immune globulin was administered to intimate contacts, principally within families of the cases. In only 3 instances were there more than 1 case in a household and in each of these instances there were 2 cases with onsets 3, 7, and 17 days apart. Water samples were taken from a number of wells and cisterns of the families involved and only 1 sample was reported as safe. It was feared that the opening of school would result in an appreciable spread of the disease but only 4 cases have occurred in pupils since school opened. Insanitary conditions at the school had been corrected and school officials and teachers had been alerted to the problem. No common source for the outbreak could be determined.

Animal rabies

The New Mexico Communicable Disease Summary for the week ended November 28 states that a bat found in Santa Fe has been proven to be rabid. This is the first case of rabies to be reported in Santa Fe since March 1956, when 9 cases of rabies in animals and 1 human case occurred. A student bitten by the bat is receiving antirabies vaccine. Prior to this report, 11 cases of rabies in animals had been reported in the State this year. All have been in unvaccinated dogs in Dona Ana County.

Staphylococcal food poisoning

Dr. Milton H. Cloud, Fayette County (Pennsylvania) Medical Director, Dorothy S. Mulligan, and Michael J. Omatick investigated an outbreak of staphylococcal food poisoning following a church dinner. About 300 people attended the dinner which consisted of baked ham, potato salad, baked beans, cranberry salad with mixed fruit, cake, pies, and some other food items. From 1 to 3 hours after the dinner 36 persons became ill with varying degrees of vomiting, diarrhea, and abdominal pain which lasted from 6 to 8 hours. The preparation and handling was satisfactory for all foods except for the ham which was baked, sliced, and then left unprotected and unrefrigerated at room temperature for about 16 hours. Samples of all foods except the ham were negative for Salmonella, Shigella, and Staphylococcus organisms. Three samples of ham were found to contain coagulase-positive Staphylococcus aureus. The phage type of the staphylococci has not yet been determined.

Gastroenteritis

Dr. W. J. Broad, McLean County (Illinois) Health Director, reported an outbreak of 12 cases of food poisoning following a party at a private home. Fifteen persons attended the party and 12 became ill from 12 to 50 hours later. Homemade potato salad, weiners, and doughnuts were served. No food was available for examination but a sample of water from a private well showed contamination. Aerobacter aerogenes and gram-positive Staphylococcus albus were isolated from a stool specimen from the 1 person who was hospitalized.

Dr. Edward Press, Evanston (Illinois) Public Health Director, supplied information on 13 cases of food poisoning which began about 30 minutes following a meal in a night club. It was thought that the illness was due to chemical contamination of canned fruit salad. A very small number of coagulase-positive staphylococci were found in samples of turkey which had been eaten by the group several hours earlier.

Dr. R. T. Ravenholt, Seattle-King County (Washington) Health Department, reported a number of instances of food poisoning or suspect food poisoning. One occurred in a private home and the rest in public eating establishments but in each instance only a few cases were reported. Suspect foods shown in 3 reports were cake, hamburger, and creamed fruit pie or turkey. The other reports stated no suspect food could be identified.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384 (1959)

Changes Reported

Asia.—Pakistan (p. 42). Smallpox vaccination is required of all arrivals. Delete information concerning Herat (Afghanistan). Also delete smallpox under Recommendations. All other information remains the same.

Oceania.—Samoa (American) (p. 54). Typhoid, paratyphoid fever, and tetanus vaccinations are recommended by the country.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 6, 1958, AND DECEMBER 5, 1959

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

AREA	BRUCELLOSIS (undulant fever) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
			48th week		Cumulative first 48 weeks				48th week		Cumulative first 48 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES	16	22	20	41	827	817	42	36	639	336	21,076	14,201
NEW ENGLAND	-	-	-	-	5	8	1	3	17	8	691	565
Maine	-	-	-	-	-	-	-	-	-	2	90	70
New Hampshire	-	-	-	-	-	-	-	-	-	-	15	2
Vermont	-	-	-	-	-	-	-	-	1	2	27	31
Massachusetts	-	-	-	-	5	7	1	1	10	2	350	283
Rhode Island	-	-	-	-	-	-	-	1	3	-	71	67
Connecticut	-	-	-	-	-	1	-	1	3	2	138	112
MIDDLE ATLANTIC	-	1	-	2	49	36	10	7	105	63	3,112	1,987
New York	-	-	-	1	25	17	7	3	73	56	1,870	1,342
New Jersey	-	-	-	1	10	3	1	2	5	2	317	157
Pennsylvania	-	1	-	-	14	16	2	2	27	5	925	488
EAST NORTH CENTRAL	2	-	-	-	31	41	8	3	51	67	3,219	2,392
Ohio	-	-	-	-	11	10	1	-	17	35	931	757
Indiana	1	-	-	-	4	15	4	2	6	7	307	215
Illinois	1	-	-	-	10	9	2	1	18	17	731	580
Michigan	-	-	-	-	4	6	-	-	8	6	1,045	622
Wisconsin	-	-	-	-	2	1	1	-	2	2	205	218
WEST NORTH CENTRAL	13	17	2	4	58	132	-	2	53	18	1,620	1,170
Minnesota	1	-	-	2	22	69	-	-	3	2	400	177
Iowa	7	10	-	-	3	14	-	-	3	3	142	199
Missouri	1	-	2	-	8	14	-	-	12	4	407	234
North Dakota	-	-	-	-	2	4	-	-	21	5	355	223
South Dakota	-	1	-	-	3	17	-	-	13	-	74	16
Nebraska	-	2	-	2	20	12	-	-	1	2	81	83
Kansas	4	4	-	-	-	2	-	2	-	2	161	238
SOUTH ATLANTIC	-	1	8	14	268	273	5	3	49	32	1,892	1,116
Delaware	-	-	-	-	-	3	-	-	3	3	125	55
Maryland	-	-	-	-	8	2	-	1	10	8	383	159
District of Columbia	-	-	-	-	-	27	-	-	-	1	19	20
Virginia	-	-	1	2	14	17	2	2	18	12	476	270
West Virginia	-	-	-	-	3	25	-	-	9	5	301	151
North Carolina	-	-	-	-	23	34	1	-	4	-	116	61
South Carolina	-	-	-	1	30	73	-	-	-	2	51	41
Georgia	-	-	3	6	109	71	-	-	-	-	125	130
Florida	-	1	4	5	81	21	2	-	5	1	296	229
EAST SOUTH CENTRAL	-	1	2	10	106	90	3	1	119	22	2,198	1,164
Kentucky	-	-	-	-	9	5	1	-	80	11	1,131	567
Tennessee	-	1	-	3	9	11	-	-	16	3	472	304
Alabama	-	-	2	7	46	45	-	-	23	5	447	209
Mississippi	-	-	-	-	42	29	2	1	-	3	148	84
WEST SOUTH CENTRAL	1	1	8	6	276	177	8	4	35	15	1,681	1,077
Arkansas	1	-	1	2	38	36	-	-	1	2	81	99
Louisiana	-	-	-	1	86	65	-	-	1	-	114	12
Oklahoma	-	-	4	-	7	22	-	1	4	1	247	149
Texas	-	1	3	3	145	54	8	3	29	12	1,239	817
MOUNTAIN	-	1	-	5	19	47	-	1	113	59	2,747	1,974
Montana	-	1	-	-	-	8	-	-	24	17	261	396
Idaho	-	-	-	-	-	1	-	-	11	7	344	194
Wyoming	-	-	-	-	-	2	-	-	1	1	56	19
Colorado	-	-	-	-	7	12	-	-	30	8	821	296
New Mexico	-	-	-	5	8	21	-	-	23	15	493	330
Arizona	-	-	-	-	2	3	-	-	19	10	543	465
Utah	-	-	-	-	-	-	-	1	5	1	207	172
Nevada	-	-	-	-	2	-	-	-	-	-	22	102
PACIFIC	-	-	-	-	15	13	7	12	97	52	3,916	2,756
Alaska	-	-	-	-	5	-	-	-	2	-	71	(73)
Washington	-	-	-	-	-	-	-	-	24	6	535	426
Oregon	-	-	-	-	4	8	-	2	20	6	831	422
California	-	-	-	-	6	5	7	10	51	40	2,479	1,908
Hawaii	-	-	-	-	2	-	-	-	1	1	47	64
Puerto Rico	-	-	4	2	32	50	-	-	2	4	289	171

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 6, 1958, AND DECEMBER 5, 1959—Continued

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

AREA	POLIOMYELITIS 080										MEASLES	
	Total[1]				Paralytic 080.0,080.1				Nonparalytic 080.2			
	48th week		Cumulative first 48 weeks		48th week		Cumulative first 48 weeks				085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES	109	91	8,278	5,739	79	61	5,430	2,931	20	12	3,619	4,260
NEW ENGLAND	3	-	385	90	3	-	295	55	-	-	245	364
Maine	1	-	84	4	1	-	84	4	-	-	52	12
New Hampshire	-	-	5	4	-	-	4	-	-	-	-	6
Vermont	1	-	10	6	1	-	8	5	-	-	1	61
Massachusetts	1	-	155	30	1	-	109	14	-	-	159	157
Rhode Island	-	-	10	3	-	-	7	3	-	-	-	2
Connecticut	-	-	121	43	-	-	83	29	-	-	33	126
MIDDLE ATLANTIC	18	13	811	689	13	8	535	376	3	-	242	868
New York	10	3	496	285	6	1	305	173	2	-	192	128
New Jersey	1	4	135	288	1	1	90	112	-	-	24	390
Pennsylvania	7	6	180	116	6	6	140	91	1	-	26	350
EAST NORTH CENTRAL	17	22	1,242	2,041	12	14	552	784	5	2	813	666
Ohio	-	8	270	385	-	1	120	112	-	1	78	188
Indiana	-	3	151	139	-	3	102	80	-	-	45	111
Illinois	6	4	311	237	4	4	160	87	2	-	382	101
Michigan	8	6	454	1,219	6	5	140	478	2	1	85	193
Wisconsin	3	1	56	61	2	1	30	27	1	-	223	73
WEST NORTH CENTRAL	14	11	1,547	397	9	10	817	212	3	-	188	564
Minnesota	4	-	246	32	4	-	200	25	-	-	29	3
Iowa	-	3	453	70	-	3	203	26	-	-	61	462
Missouri	10	6	502	173	5	6	273	128	3	-	3	27
North Dakota	-	2	16	43	-	1	9	24	-	-	94	71
South Dakota	-	-	13	14	-	-	-	1	-	-	-	1
Nebraska	-	-	135	34	-	-	69	4	-	-	1	-
Kansas	-	-	182	31	-	-	63	4	-	-	(*)	(*)
SOUTH ATLANTIC	18	12	1,257	830	10	9	992	466	4	3	155	363
Delaware	-	2	9	27	-	2	7	16	-	-	7	2
Maryland	2	-	42	27	1	-	40	22	1	-	14	21
District of Columbia	-	1	6	6	-	1	5	4	-	-	1	1
Virginia	1	-	286	147	-	-	245	122	-	-	97	124
West Virginia	2	7	189	204	2	4	157	129	-	3	11	152
North Carolina	1	-	279	97	-	-	233	37	1	-	11	19
South Carolina	7	1	90	33	3	1	48	21	2	-	2	3
Georgia	-	-	163	56	-	-	125	30	-	-	-	16
Florida	5	1	193	233	4	1	132	85	-	-	12	25
EAST SOUTH CENTRAL	8	8	853	362	5	5	648	184	3	2	319	310
Kentucky	2	1	104	71	-	1	81	59	2	-	200	182
Tennessee	3	4	382	118	2	1	287	50	1	2	111	107
Alabama	3	2	249	57	3	2	211	41	-	-	4	19
Mississippi	-	1	118	116	-	1	69	34	-	-	4	2
WEST SOUTH CENTRAL	5	12	1,119	740	4	8	733	494	1	4	655	200
Arkansas	4	2	300	29	3	2	229	27	1	-	4	1
Louisiana	1	2	141	79	1	2	99	54	-	-	1	9
Oklahoma	-	-	154	58	-	-	86	23	-	-	2	12
Texas	-	8	524	574	-	4	319	390	-	4	648	178
MOUNTAIN	4	2	196	201	2	-	110	93	-	-	421	510
Montana	1	-	12	66	-	-	4	41	-	-	62	153
Idaho	1	-	8	12	-	-	-	-	-	-	126	2
Wyoming	-	-	2	13	-	-	1	1	-	-	4	40
Colorado	-	-	26	20	-	-	18	15	-	-	22	131
New Mexico	-	1	43	39	-	-	26	16	-	-	68	21
Arizona	1	-	86	34	1	-	53	14	-	-	26	121
Utah	-	1	12	12	-	-	4	4	-	-	112	42
Nevada	1	-	7	5	1	-	4	2	-	-	1	-
PACIFIC	22	11	868	389	21	7	748	267	1	1	581	415
Alaska	-	-	28	(2)	-	-	14	(1)	-	-	71	(106)
Washington	1	3	203	38	1	-	203	3	-	-	213	67
Oregon	9	1	176	39	9	1	139	26	-	-	133	80
California	12	7	461	312	11	6	392	238	1	1	164	268
Hawaii	-	-	5	75	-	-	5	75	-	-	261	6
Puerto Rico	-	5	4	59	-	5	3	56	-	-	9	87

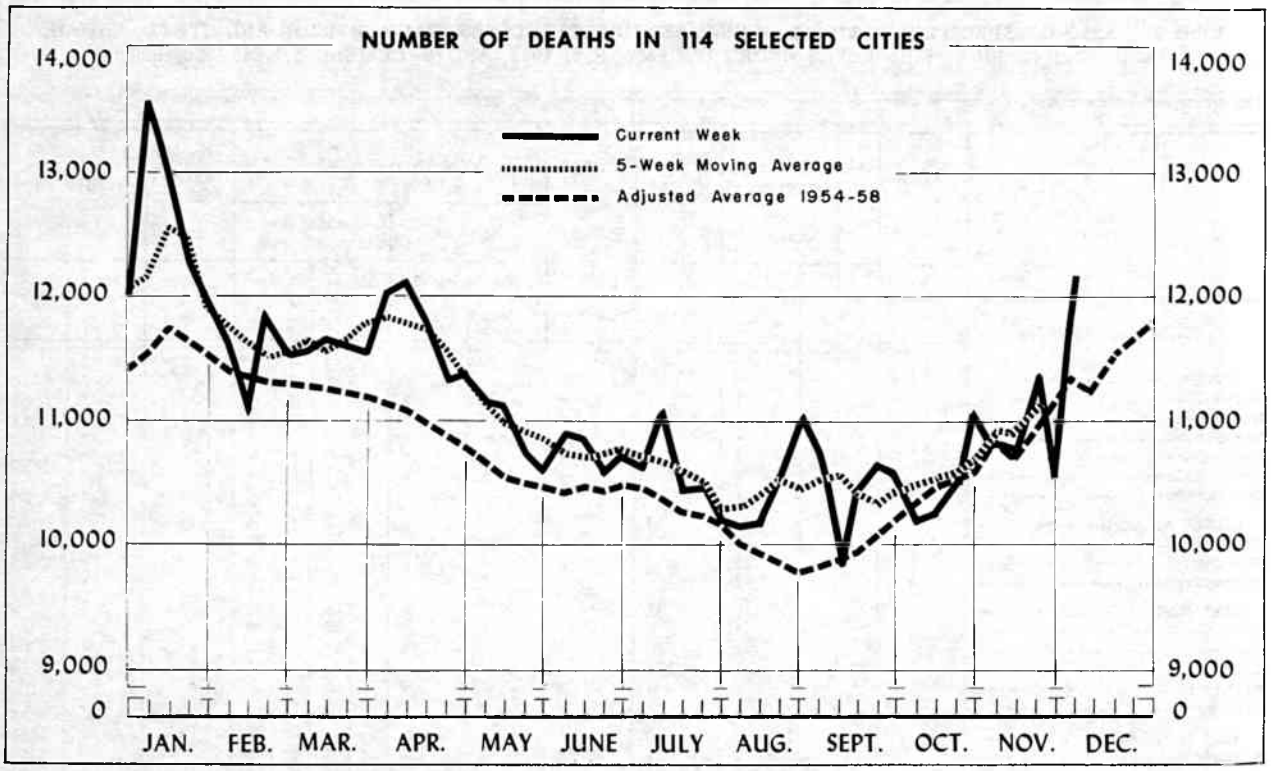
[1]Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 6, 1958, AND DECEMBER 5, 1959—Continued

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

AREA	MALARIA 110-117	MENINGOCOCCAL INFECTIONS 057		MENINGITIS, OTHER 340	PSITTACOSIS 096.2	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
						48th week		Cumulative first 48 weeks				
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES	2	37	51	138	4	21	17	818	1,002	-	87	81
NEW ENGLAND	-	5	5	5	1	-	-	15	20	-	-	-
Maine	-	-	1	[2]1	-	-	-	2	2	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	1	-	-	-
Vermont	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	4	3	3	-	-	-	5	9	-	-	-
Rhode Island	-	-	-	1	-	-	-	3	1	-	-	-
Connecticut	-	-	1	-	1	-	-	5	7	-	-	-
MIDDLE ATLANTIC	-	7	6	13	1	2	-	85	104	-	7	5
New York	-	6	2	[3]12	-	1	-	36	34	-	7	3
New Jersey	-	-	1	[2]1	-	-	-	13	25	-	-	-
Pennsylvania	-	1	3	-	1	1	-	36	45	-	-	2
EAST NORTH CENTRAL	-	6	12	41	-	2	2	104	105	-	2	14
Ohio	-	2	4	1	-	1	1	52	39	-	-	1
Indiana	-	-	1	18	-	-	1	16	20	-	2	3
Illinois	-	-	4	[4]15	-	-	-	21	22	-	-	3
Michigan	-	4	3	5	-	1	-	9	14	-	-	2
Wisconsin	-	-	-	[2]2	-	-	-	6	10	-	-	5
WEST NORTH CENTRAL	-	2	2	10	2	-	1	48	74	-	32	28
Minnesota	-	-	1	-	2	-	-	1	3	-	6	4
Iowa	-	1	-	[5]8	-	-	-	9	14	-	2	9
Missouri	-	1	-	2	-	-	1	18	36	-	12	12
North Dakota	-	-	-	-	-	-	-	5	2	-	1	-
South Dakota	-	-	-	-	-	-	-	3	7	-	11	-
Nebraska	-	-	1	-	-	-	-	5	2	-	-	3
Kansas	-	-	-	-	-	-	-	7	10	-	-	-
SOUTH ATLANTIC	-	10	10	38	-	7	4	141	170	-	7	13
Delaware	-	-	-	-	-	-	-	3	5	-	-	-
Maryland	-	-	3	[2]1	-	-	2	5	13	-	-	-
District of Columbia	-	4	-	8	-	-	-	4	6	-	-	-
Virginia	-	2	1	7	-	1	-	29	36	-	1	6
West Virginia	-	1	1	-	-	-	-	15	21	-	4	-
North Carolina	-	1	4	-	-	4	-	15	20	-	1	-
South Carolina	-	-	-	-	-	-	-	12	12	-	-	2
Georgia	-	-	-	-	-	2	2	30	35	-	1	5
Florida	-	2	1	[6]22	-	-	-	28	22	-	-	-
EAST SOUTH CENTRAL	-	1	3	12	-	3	5	117	126	-	3	7
Kentucky	-	1	2	6	-	3	1	23	39	-	2	3
Tennessee	-	-	-	3	-	-	-	57	36	-	1	1
Alabama	-	-	1	-	-	-	3	21	22	-	-	3
Mississippi	-	-	-	3	-	-	1	16	29	-	-	-
WEST SOUTH CENTRAL	1	2	4	7	-	3	1	178	226	-	35	11
Arkansas	1	1	1	2	-	1	1	37	31	-	17	3
Louisiana	-	-	3	-	-	1	-	30	79	-	1	-
Oklahoma	-	-	-	-	-	-	-	17	11	-	-	-
Texas	-	1	-	5	-	1	-	94	105	-	17	8
MOUNTAIN	-	-	1	1	-	-	1	44	76	-	-	-
Montana	-	-	-	-	-	-	-	2	4	-	-	-
Idaho	-	-	1	-	-	-	-	7	7	-	-	-
Wyoming	-	-	-	1	-	-	-	7	4	-	-	-
Colorado	-	-	-	-	-	-	-	4	9	-	-	-
New Mexico	-	-	-	-	-	-	-	17	32	-	-	-
Arizona	-	-	-	-	-	-	1	6	12	-	-	-
Utah	-	-	-	-	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	8	-	-	-
PACIFIC	1	4	8	11	-	4	3	86	101	-	1	3
Alaska	-	-	(1)	-	-	-	-	4	-	-	-	-
Washington	1	-	-	-	-	-	-	2	3	-	-	-
Oregon	-	-	-	-	-	-	-	7	13	-	-	-
California	-	4	8	[2]11	-	4	3	73	85	-	1	3
Hawaii	-	-	-	-	-	-	-	2	-	-	-	-
Puerto Rico	-	-	-	-	-	1	2	18	3	-	-	-

[2]Aseptic meningitis.
[3]Includes 5 cases of aseptic meningitis.
[4]Includes 3 cases of aseptic meningitis.
[5]Includes 2 cases of aseptic meningitis.
[6]Includes 16 cases of aseptic meningitis.



The chart shows the number of deaths reported for 114 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, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 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 2.3 percent to allow for estimated population growth in the cities.

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 a specified city. 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 made for use in plotting the figure in the chart.

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 114 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	48th week ended Dec. 5, 1959	47th week ended Nov. 28, 1959	Adjusted average, 48th week 1954-58	Percent change, adjusted average to current week[1]	CUMULATIVE NUMBER FIRST 48 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES	[2]12,174	10,517	11,346	+7.3	[2]533,039	529,213	+0.7
New England (14 cities)	739	712	727	+1.7	33,706	33,439	+0.8
Middle Atlantic (20 cities)	3,345	2,885	3,308	+1.1	153,364	152,614	+0.5
East North Central (19 cities)	[2]2,634	2,334	2,433	+8.3	[2]114,270	112,979	+1.1
West North Central (9 cities)	[2]881	777	812	+8.5	[2]37,224	37,512	-0.8
South Atlantic (11 cities)	1,136	905	939	+21.0	45,903	45,538	+0.8
East South Central (8 cities)	594	432	518	+4.7	24,458	24,654	-0.8
West South Central (13 cities)	1,042	930	928	+12.3	45,021	44,941	+0.2
Mountain (8 cities)	378	302	274	+38.0	14,934	14,126	+5.7
Pacific (12 cities)	1,425	1,240	1,398	+1.9	64,159	63,410	+1.2

[1]Adjusted average used as base.
[2]Includes estimates for missing cities.

Table 4. DEATHS IN SELECTED CITIES

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

AREA	48th week ended Dec. 5, 1959	47th week ended Nov. 28, 1959	CUMULATIVE NUMBER FIRST 48 WEEKS 1959	1958
NEW ENGLAND:				
Boston, Mass.	286	243	11,515	11,452
Bridgeport, Conn.	26	27	1,852	1,800
Cambridge, Mass.	39	41	1,374	1,381
Fall River, Mass.	39	26	1,349	1,292
Hartford, Conn.	49	56	2,345	2,409
Lowell, Mass.	27	27	1,133	1,201
Lynn, Mass.	17	23	1,104	1,066
New Bedford, Mass.	25	15	1,161	1,101
New Haven, Conn.	48	51	2,145	2,201
Providence, R. I.	58	76	3,067	3,085
Somerville, Mass.	14	9	620	673
Springfield, Mass.	34	42	2,111	1,995
Waterbury, Conn.	30	26	1,325	1,246
Worcester, Mass.	47	50	2,605	2,537
MIDDLE ATLANTIC:				
Albany, N. Y.	48	38	2,399	2,376
Allentown, Pa.	28	29	1,627	1,547
Buffalo, N. Y.	161	146	6,962	7,157
Camden, N. J.	43	35	1,956	1,972
Elizabeth, N. J.	26	31	1,439	1,384
Erie, Pa.	29	24	1,740	1,704
Jersey City, N. J.	77	63	3,460	3,320
Newark, N. J.	130	64	4,783	4,543
New York City, N. Y.	1,756	1,516	78,628	77,297
Paterson, N. J.	48	23	1,847	1,924
Philadelphia, Pa.	471	415	23,203	23,804
Pittsburgh, Pa.	172	182	8,832	9,061
Reading, Pa.	24	22	1,045	1,022
Rochester, N. Y.	110	93	4,657	4,826
Schenectady, N. Y.	23	20	1,184	1,077
Scranton, Pa.	36	35	1,738	1,660
Syracuse, N. Y.	61	64	2,991	2,993
Trenton, N. J.	43	30	2,033	2,197
Utica, N. Y.	29	27	1,349	1,302
Yonkers, N. Y.	30	28	1,491	1,448
EAST NORTH CENTRAL:				
Akron, Ohio	72	51	2,779	2,697
Canton, Ohio	29	35	1,601	1,485
Chicago, Ill.	827	815	36,189	35,982
Cincinnati, Ohio	154	141	7,544	7,658
Cleveland, Ohio	221	180	9,959	9,907
Columbus, Ohio	120	117	5,641	5,490
Dayton, Ohio	87	72	3,265	3,426
Detroit, Mich.	361	370	15,713	15,218
Evansville, Ind.	33	33	1,745	1,816
Flint, Mich.	65	22	1,920	1,810
Fort Wayne, Ind.	[1]42	33	[2]1,742	1,683
Gary, Ind.	30	28	1,417	1,506
Grand Rapids, Mich.	39	39	2,010	1,940
Indianapolis, Ind.	147	78	6,541	6,156
Madison, Wis.	(43)	(30)	(1,443)	(1,569)
Milwaukee, Wis.	156	137	6,155	6,250
Peoria, Ill.	31	33	1,410	1,514
Rockford, Ill.	(24)	(27)	(1,312)	(1,253)
South Bend, Ind.	34	19	1,324	1,279
Toledo, Ohio	127	90	4,763	4,635
Youngstown, Ohio	[1]59	41	[2]2,552	2,527
WEST NORTH CENTRAL:				
Des Moines, Iowa	53	50	2,550	2,588
Duluth, Minn.	39	30	1,223	1,205
Kansas City, Kans.	37	39	1,711	1,393
Kansas City, Mo.	127	130	5,759	5,788
Lincoln, Nebr.	(38)	(18)	(1,264)	(1,193)
Minneapolis, Minn.	141	105	5,851	6,023
Omaha, Nebr.	85	67	3,417	3,316
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	290	239	11,341	11,681
St. Paul, Minn.	[1]66	70	[2]3,118	3,363
Wichita, Kans.	43	47	2,254	2,155
SOUTH ATLANTIC:				
Atlanta, Ga.	152	116	5,335	5,226
Baltimore, Md.	337	207	11,573	11,606
Charlotte, N. C.	45	37	1,772	1,691
Jacksonville, Fla.	77	58	2,740	2,832
Miami, Fla.	84	69	3,329	3,348
Norfolk, Va.	47	31	1,870	1,670
Richmond, Va.	66	104	3,720	3,574
Savannah, Ga.	36	25	1,565	1,543
St. Petersburg, Fla.	(80)	(75)	(3,100)	(3,042)
Tampa, Fla.	51	60	2,937	3,020
Washington, D. C.	199	178	9,281	9,259
Wilmington, Del.	42	20	1,781	1,769
EAST SOUTH CENTRAL:				
Birmingham, Ala.	110	75	3,955	4,134
Chattanooga, Tenn.	61	28	2,194	2,277
Knoxville, Tenn.	34	21	1,359	1,284
Louisville, Ky.	116	100	5,391	5,224
Memphis, Tenn.	140	101	5,387	5,474
Mobile, Ala.	36	40	1,854	1,835
Montgomery, Ala.	47	21	1,566	1,601
Nashville, Tenn.	50	46	[2]2,752	2,825
WEST SOUTH CENTRAL:				
Austin, Tex.	21	28	1,525	1,528
Baton Rouge, La.	14	19	1,300	1,315
Corpus Christi, Tex.	11	16	982	1,012
Dallas, Tex.	102	144	5,659	5,539
El Paso, Tex.	43	36	1,744	1,751
Fort Worth, Tex.	70	56	3,011	2,898
Houston, Tex.	171	160	7,441	7,500
Little Rock, Ark.	75	45	2,560	2,601
New Orleans, La.	215	186	8,147	8,239
Oklahoma City, Okla.	105	64	3,379	3,224
San Antonio, Tex.	115	103	4,549	4,651
Shreveport, La.	30	36	2,387	2,343
Tulsa, Okla.	70	37	2,337	2,370
MOUNTAIN:				
Albuquerque, N. Mex.	30	42	1,433	1,336
Colorado Springs, Colo.	22	10	750	725
Denver, Colo.	144	122	5,491	5,333
Ogden, Utah	17	10	714	693
Phoenix, Ariz.	71	45	2,442	2,154
Pueblo, Colo.	14	15	667	628
Salt Lake City, Utah	61	38	2,319	2,295
Tucson, Ariz.	19	20	1,118	962
PACIFIC:				
Berkeley, Calif.	16	17	808	883
Fresno, Calif.	(21)	(40)	(1,918)	(1,929)
Glendale, Calif.	(43)	(32)	(1,732)	(1,579)
Long Beach, Calif.	61	62	2,605	2,624
Los Angeles, Calif.	541	449	23,010	23,100
Oakland, Calif.	102	82	4,347	4,472
Pasadena, Calif.	38	23	1,509	1,654
Portland, Oreg.	106	105	5,209	4,756
Sacramento, Calif.	73	50	2,662	2,491
San Diego, Calif.	99	62	3,913	3,931
San Francisco, Calif.	180	194	9,296	8,981
San Jose, Calif.	(28)	(15)	(1,220)	(1,090)
Seattle, Wash.	121	119	6,518	6,447
Spokane, Wash.	56	42	2,363	2,189
Tacoma, Wash.	32	35	1,919	1,882
Honolulu, Hawaii	(66)	(27)	(1,835)	(1,746)

[1]Estimated.
[2]Includes 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	( )

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 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 (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.