Morbidity and Mortality Weekly Report

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 6, 1959

One case of human rabies was reported from Georgia for the current week. This is the first to be reported for the United States in 1959. Georgia also reported a case in 1958. The California State Department of Public Health has also reported a suspect case. A 54-year-old male who died in June had exposure to bats in Mexico and Texas. Investigation of the case is in progress.

There was a very slight increase in the number of cases of paralytic poliomyelitis reported for the current week (35) as compared with the previous week (33). The number for the same week last year was 14. The cumulative total of paralytic cases for the calendar year is 397 as compared with 206 for last year, and for the disease year the cumulative totals are 210 and 103 respectively. For the current week Iowa, Texas, and California reported 4 paralytic cases each, and Virginia, Florida, and Mississippi reported 3 each.

EPIDEMIOLOGICAL REPORTS

Influenza

The World Health Organization, Geneva, states that epidemics of influenza-like illness have been reported from various parts of Ceylon. In Indonesia, a widespread influenza-like illness has been present for the past 2 months. In some areas 50 percent of the population has been affected. Some deaths have been reported as occurring in the acute stage of the disease. Specimens have been collected for laboratory examination, but the results of these tests are not available.

In Sweden, the limited outbreaks of type B influenza, which started about the middle of January, have been replaced gradually by equally limited outbreaks of type A2 influenza. The approximate dates of outbreaks were January 19 to March

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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)	22d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
				First 22 weeks			Since seasonal low week			
	Ended June 6, 1959	Ended June 7, 1958	Median 1954-58	1959	1958	Median 1954-58	1958-59	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	[1]1	-	-	8	2	9	[2]	[2]	[2]	[2]
Botulism-----049.1	-	-	-	5	2	2	[2]	[2]	[2]	[2]
Brucellosis (undulant fever)-----044	11	14	29	313	321	417	[2]	[2]	[2]	[2]
Diphtheria-----055	9	5	17	365	299	634	977	1,097	1,870	July 1
Encephalitis, infectious-----082	28	49	38	608	643	595	28	49	38	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	276	279	374	10,749	7,151	10,211	16,166	11,470	18.120	Sept. 1
Malaria-----110-117	1	2	3	28	25	84	[2]	[2]	[2]	[2]
Measles-----085	12,572	37,499	24,249	307,547	593,581	474,273	358,936	632,021	504,042	Sept. 1
Meningococcal infections-----057	34	45	52	1,159	1,267	1,422	2,022	2,276	2,389	Sept. 1
Meningitis, other-----340	[3]63	52	---	1,360	1,047	---	---	---	---	---
Poliomyelitis-----080	50	28	177	580	409	1,952	312	222	973	Apr. 1
Paralytic-----080.0,080.1	35	14	85	397	206	1,027	210	103	496	Apr. 1
Nonparalytic-----080.2	9	12	62	108	138	588	63	79	326	Apr. 1
Unspecified-----080.3	6	2	21	75	65	337	39	40	151	Apr. 1
Psittacosis-----096.2	4	2	11	53	62	150	[2]	[2]	[2]	[2]
Rabies in man-----094	1	-	-	1	2	3	[2]	[2]	[2]	[2]
Typhoid fever-----040	9	8	21	231	326	572	107	160	282	Apr. 1
Typhus fever, endemic-----101	1	4	4	12	22	39	6	11	24	Apr. 1
Rabies in animals-----	[4]90	83	83	1,700	2,154	2,525	2,591	3,052	3,625	Oct. 1

[1]Reported in Texas. [2]Data show no pronounced seasonal change in incidence. [3]Includes 12 cases of aseptic meningitis; see footnotes to table 2. [4]Includes delayed reports from South Dakota and Texas.

EPIDEMIOLOGICAL REPORTS—Continued

1 and February 13 to April 28 respectively. The illness has remained mild. The high frequency of pneumonias has probably been due to the high average age of cases. The clinical picture has remained much the same for both types of infection. In the course of the past 2 weeks small outbreaks of influenza have followed the arrival of new recruits in military barracks in Portugal. The attack rates have been low. Two strains of type A2 influenza virus have been isolated. A small outbreak of "Asiatic influenza" has been reported in the Macenta district of French Guinea, Africa.

An unofficial report of influenza in British Guiana has been reported in the press. Influenza is said to be of epidemic proportions and is spreading.

Upper respiratory infection

Dr. H. V. Gibson, Alaska Commissioner of Health, reports the occurrence of 84 cases of upper respiratory infection during May in a village with a population of 437 persons. The onset was rapid, attacking whole families simultaneously. Some cases had a rash, and some had a high temperature. Recovery was rapid without complications. No definite diagnosis was established.

Staphylococcal food poisoning

Dr. L. A. Dickerson, West Virginia Health Department, has reported a small outbreak of 7 cases of staphylococcal food poisoning which followed the ingestion of cream puffs and cream rolls. The incubation period varied from 1½ to 6 hours, and the symptons consisted of nausea, vomiting, fever, and prostration. Three complained of headache, and a 14-year-old boy complained of "blindness." Six of the persons ate cream puffs purchased from a large bakery that distributes its products in a wide area. The seventh ate a cream roll from the same bakery. Laboratory examination of specimens of the cream puffs showed 280 million organisms per gram of coagulase-positive. Staphylococcus aureus, phage type 6/47/53/75/77/83. Beta hemolytic streptococci, 2 million per gram, were also isolated. A specimen from a lesion found on one of the food handlers in the bakery yielded a strain of coagulase-positive S. aureus, phage type 6/47/53/77/83.

Gastroenteritis

Dr. R. R. Cross, Illinois Director of Public Health, has reported an outbreak of gastroenteritis in a group who visited a Girl Scout camp. The camp has an approved water supply from a drilled well, but, because of the iron content, it had an undesirable taste. At least 11 girls drank from 1 to 5 glasses of water each from a flowing spring on the camp grounds. The illness which followed was characterized by nausea, vomiting, and diarrhea, with temperature elevations as high as 101.8°F. All of those who were ill were out of school at least 1 day, and one child was hospitalized for 4 days. Investigation showed that a stream flowing through the camp has surface drainage containing sewage seeping into it from private homes. The spring was contaminated from this source. Bacteriologic examination of the water from the spring showed a plate count in excess of 240,000 of coliform organisms and 700 of enterococci.

Shigellosis

Dr. J. E. McCroan, Georgia Department of Public Health, has provided preliminary information on an outbreak of shigellosis in the State. In a school having approximately 700 students, the following pattern of absenteeism associated with illness was noted during the last week of school: Monday, 29 absent; Tuesday, 50 absent; Wednesday, 79 absent; Thursday, 180 absent; Friday, the closing day of school, 80 absent. The lunchroom serves about 600 persons and the remaining 100 bring lunches. The episode was reported to the local health department by school authorities on Thursday, as an illness characterized by nausea, vomiting, diarrhea, abdominal cramps and fever of 101° - 104°F. and suspected of being related to the lunchroom. Visits were made to the homes of 50 students who were ill and containers distributed to all symptomatic persons in each family and to lunchroom workers. Information was not routinely obtained as to whether the ill student ate in the lunchroom nor is data available on the sequence of case development in each family. However, 24 laboratory examinations have yielded Shigella sonnei and 55 additional specimens are being cultured. It seems likely that not less than 80 cases have occurred among students alone. A field nurse is now engaged in visiting the home of each S. sonnei positive student and employee, a task in itself in a rural area, to elicit information concerning place of eating and time of onset of illness in family members.

Sylvatic plague

Frank M. Prince, San Francisco Field Station (PHS), has reported the isolation of Pasteurella pestis from specimen No. 0-59-43 obtained from a pool of 9 fleas (7 Oropsylla idahoensis and 2 Opisocrostis tuberculatus) collected from 2 ground squirrels (Citellus oregonus) shot on May 4, 1958, 15 to 16 miles south of Klamath Falls, Oregon, near U. S. Highway 79. The area from which the specimen was taken is a known focus of sylvatic plague. (This area is remote from any seaport or international airport.)

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 7, 1958, AND JUNE 6, 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.			
			22d week		Cumulative first 22 weeks				22d week		Cumulative first 22 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES	11	14	9	5	365	299	28	49	276	279	10,749	7,151
NEW ENGLAND	-	-	1	-	5	5	1	2	7	14	351	256
Maine	-	-	-	-	-	-	-	-	1	1	65	45
New Hampshire	-	-	-	-	-	-	-	-	1	-	10	1
Vermont	-	-	-	-	-	-	-	-	-	-	17	9
Massachusetts	-	-	1	-	5	4	1	2	1	9	153	112
Rhode Island	-	-	-	-	-	-	-	-	2	1	39	39
Connecticut	-	-	-	-	-	1	-	-	2	3	67	50
MIDDLE ATLANTIC	1	-	-	1	34	28	9	14	40	37	1,560	843
New York	-	-	-	-	19	13	8	10	24	23	942	559
New Jersey	1	-	-	-	9	1	-	1	3	3	181	77
Pennsylvania	-	-	-	1	6	14	1	3	13	11	437	207
EAST NORTH CENTRAL	1	1	-	-	19	27	2	15	48	51	1,723	1,303
Ohio	-	-	-	-	6	6	1	-	23	12	522	393
Indiana	-	-	-	-	2	11	-	-	3	2	179	125
Illinois	-	-	-	-	8	4	1	1	12	9	344	346
Michigan	1	1	-	-	1	5	-	12	8	19	575	367
Wisconsin	-	-	-	-	2	1	-	2	2	9	103	72
WEST NORTH CENTRAL	5	11	-	1	33	41	2	-	23	19	866	668
Minnesota	-	3	-	1	16	6	-	-	8	3	211	71
Iowa	4	2	-	-	2	11	1	-	3	6	81	137
Missouri	-	2	-	-	3	12	1	-	8	5	225	116
North Dakota	-	-	-	-	1	2	-	-	3	2	185	107
South Dakota	-	-	-	-	3	3	-	-	-	-	7	7
Nebraska	1	1	-	-	8	7	-	-	1	-	48	42
Kansas	-	3	-	-	-	-	-	-	-	3	109	188
SOUTH ATLANTIC	3	1	-	1	79	82	3	4	24	17	986	511
Delaware	-	-	-	-	-	-	-	-	2	-	55	29
Maryland	-	-	-	-	1	3	1	1	7	2	252	51
District of Columbia	-	-	-	-	-	-	-	-	1	1	11	7
Virginia	1	-	-	-	5	13	-	1	3	2	190	122
West Virginia	-	-	-	-	1	7	-	1	1	2	201	88
North Carolina	-	-	-	-	7	13	1	1	1	2	53	25
South Carolina	-	-	-	-	5	8	-	-	-	1	14	34
Georgia	2	1	-	1	29	21	-	-	2	2	89	54
Florida	-	-	-	-	31	17	1	-	7	5	121	101
EAST SOUTH CENTRAL	-	-	1	1	46	21	1	-	13	12	1,009	646
Kentucky	-	-	-	-	4	1	-	-	8	5	474	312
Tennessee	-	-	1	-	5	3	-	-	3	2	236	178
Alabama	-	-	-	1	9	13	-	-	2	3	212	125
Mississippi	-	-	-	-	28	4	1	-	-	2	87	31
WEST SOUTH CENTRAL	1	1	6	1	133	67	3	-	26	19	828	576
Arkansas	-	-	-	-	31	12	-	-	1	1	38	62
Louisiana	-	-	-	-	39	5	-	-	1	1	85	5
Oklahoma	-	-	-	-	1	17	-	-	1	2	115	96
Texas	1	1	6	1	62	33	3	-	23	15	590	413
MOUNTAIN	-	-	1	-	10	23	-	-	37	37	1,581	1,006
Montana	-	-	-	-	-	7	-	-	3	14	154	201
Idaho	-	-	-	-	-	1	-	-	7	1	172	81
Wyoming	-	-	-	-	-	2	-	-	-	-	42	3
Colorado	-	-	-	-	3	5	-	-	15	-	498	107
New Mexico	-	-	1	-	5	7	-	-	2	6	327	207
Arizona	-	-	-	-	1	1	-	-	7	12	287	209
Utah	-	-	-	-	-	-	-	-	3	3	87	106
Nevada	-	-	-	-	1	-	-	-	-	1	14	92
PACIFIC	-	-	-	-	6	5	7	14	58	73	1,845	1,342
Alaska	-	-	-	-	1	-	-	-	-	(4)	12	(64)
Washington	-	-	-	-	-	-	-	-	4	14	285	253
Oregon	-	-	-	-	1	1	1	-	11	5	376	168
California	-	-	-	-	4	4	6	14	43	54	1,172	921
Hawaii	-	-	-	-	1	-	-	-	1	-	26	26
Puerto Rico	-	-	-	-	11	24	-	-	1	-	88	73

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 7, 1958, AND JUNE 6, 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			
	22d week		Cumulative first 22 weeks		22d week		Cumulative first 22 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES	50	28	580	409	35	14	397	206	9	12	12,572	37,499
NEW ENGLAND	-	1	8	8	-	1	7	6	-	-	836	3,383
Maine	-	-	-	2	-	-	-	2	-	-	139	226
New Hampshire	-	-	-	-	-	-	-	-	-	-	34	115
Vermont	-	-	1	-	-	-	1	-	-	-	36	107
Massachusetts	-	-	4	1	-	-	3	-	-	-	190	1,937
Rhode Island	-	-	2	-	-	-	2	-	-	-	11	254
Connecticut	-	1	1	5	-	1	1	4	-	-	426	744
MIDDLE ATLANTIC	3	3	39	17	3	3	18	8	-	-	2,786	6,817
New York	2	3	29	15	2	3	14	8	-	-	1,055	2,291
New Jersey	1	-	7	2	1	-	3	-	-	-	934	1,192
Pennsylvania	-	-	3	-	-	-	1	-	-	-	797	3,334
EAST NORTH CENTRAL	5	2	50	35	1	1	24	13	2	-	2,008	15,187
Ohio	2	-	23	5	-	-	8	-	-	-	418	1,361
Indiana	-	-	4	2	-	-	3	1	-	-	194	749
Illinois	1	1	4	10	1	-	2	3	-	-	174	1,716
Michigan	2	1	16	14	-	1	8	7	2	-	554	4,106
Wisconsin	-	-	3	4	-	-	3	2	-	-	668	7,255
WEST NORTH CENTRAL	8	2	59	21	5	1	34	9	2	1	725	1,548
Minnesota	1	-	3	1	1	-	2	1	-	-	215	79
Iowa	4	1	5	6	4	1	5	3	-	-	178	1,212
Missouri	1	-	32	1	-	-	22	1	1	-	43	146
North Dakota	-	-	1	2	-	-	-	1	-	-	112	103
South Dakota	1	-	3	3	-	-	-	1	-	-	163	1
Nebraska	1	1	8	7	-	-	5	2	1	1	14	7
Kansas	-	-	7	1	-	-	-	-	-	-	(*)	(*)
SOUTH ATLANTIC	9	4	124	80	8	2	94	39	1	1	1,233	2,288
Delaware	-	-	2	1	-	-	2	1	-	-	30	19
Maryland	-	-	-	-	-	-	-	-	-	-	66	84
District of Columbia	-	-	-	1	-	-	-	1	-	-	17	17
Virginia	3	1	11	5	3	1	10	5	-	-	552	1,009
West Virginia	1	1	16	7	-	-	11	5	1	-	237	324
North Carolina	2	1	9	15	2	-	7	4	-	1	65	108
South Carolina	-	1	8	4	-	1	6	3	-	-	16	176
Georgia	-	-	4	6	-	-	4	4	-	-	3	338
Florida	3	-	74	41	3	-	54	16	-	-	247	213
EAST SOUTH CENTRAL	8	1	52	39	6	-	33	19	2	1	623	1,261
Kentucky	-	-	10	15	-	-	8	9	-	-	86	259
Tennessee	2	-	17	9	2	-	12	5	-	-	298	737
Alabama	2	-	4	5	1	-	1	4	1	-	208	245
Mississippi	4	1	21	10	3	-	12	1	1	1	31	20
WEST SOUTH CENTRAL	8	12	126	97	5	4	93	57	1	8	1,157	2,603
Arkansas	1	1	19	6	1	1	19	5	-	-	158	11
Louisiana	-	1	17	7	-	1	15	6	-	-	2	3
Oklahoma	2	1	8	10	-	-	2	4	-	1	55	236
Texas	5	9	82	74	4	2	57	42	1	7	942	2,353
MOUNTAIN	4	-	28	35	2	-	18	13	1	-	1,000	1,776
Montana	1	-	2	4	-	-	-	1	-	-	81	252
Idaho	-	-	-	-	-	-	-	-	-	-	41	162
Wyoming	-	-	1	2	-	-	-	1	-	-	22	45
Colorado	-	-	2	5	-	-	2	4	-	-	239	369
New Mexico	1	-	7	10	1	-	3	3	-	-	104	192
Arizona	2	-	14	9	1	-	13	3	1	-	229	471
Utah	-	-	2	3	-	-	-	1	-	-	284	280
Nevada	-	-	-	2	-	-	-	-	-	-	-	5
PACIFIC	5	3	94	77	5	2	76	42	-	1	2,204	2,636
Alaska	-	-	-	(1)	-	-	-	(1)	-	-	21	(17)
Washington	-	-	6	6	-	-	-	-	-	-	475	354
Oregon	1	-	10	5	1	-	8	3	-	-	261	231
California	4	3	78	66	4	2	68	39	-	1	1,447	2,051
Hawaii	-	1	4	13	-	1	4	13	-	-	73	32
Puerto Rico	-	3	3	39	-	3	3	36	-	-	57	107

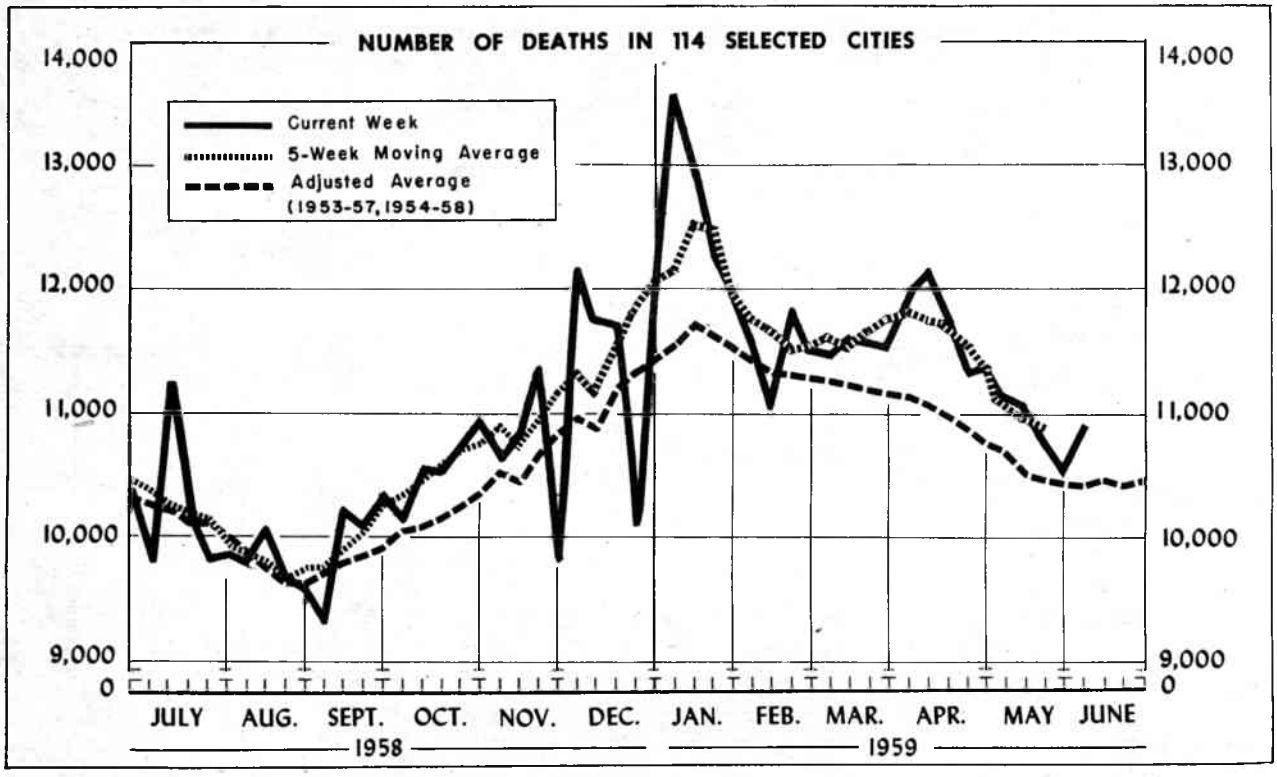
[1]Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 7, 1958, AND JUNE 6, 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	
						22d week		Cumulative first 22 weeks				
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES	1	34	45	63	4	9	8	231	326	1	90	83
NEW ENGLAND	-	2	3	3	-	-	-	5	6	-	-	-
Maine	-	-	-	-	-	-	-	-	1	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	3	3	-	-	-	2	3	-	-	-
Rhode Island	-	1	-	-	-	-	-	1	-	-	-	-
Connecticut	-	1	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC	-	9	4	-	1	1	-	24	44	-	3	4
New York	-	4	2	-	1	-	-	9	9	-	3	3
New Jersey	-	-	-	-	-	1	-	6	9	-	-	-
Pennsylvania	-	5	2	-	-	-	-	9	26	-	-	1
EAST NORTH CENTRAL	-	10	10	10	-	3	1	28	24	-	13	11
Ohio	-	1	1	-	-	2	1	14	9	-	6	-
Indiana	-	1	1	-	-	-	-	4	6	-	6	3
Illinois	-	5	4	8	-	-	-	4	1	-	1	-
Michigan	-	2	2	2	-	1	-	5	4	-	-	-
Wisconsin	-	1	2	-	-	-	-	1	4	-	-	8
WEST NORTH CENTRAL	-	1	3	1	1	1	-	13	30	-	31	34
Minnesota	-	-	-	-	1	-	-	-	2	-	12	14
Iowa	-	-	-	1	-	-	-	-	4	-	2	3
Missouri	-	1	1	-	-	1	-	8	15	-	1	1
North Dakota	-	-	1	-	-	-	-	1	1	-	1	3
South Dakota	-	-	-	-	-	-	-	1	2	-	[2]14	13
Nebraska	-	-	-	-	-	-	-	-	1	-	1	-
Kansas	-	-	1	-	-	-	-	3	5	-	-	-
SOUTH ATLANTIC	-	4	10	20	-	1	-	49	57	-	8	9
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	2	-	-	-	-	4	-	-	-
District of Columbia	-	-	-	2	-	-	-	1	2	-	-	-
Virginia	-	-	3	7	-	-	-	12	6	-	5	2
West Virginia	-	-	-	1	-	-	-	2	9	-	-	-
North Carolina	-	2	3	-	-	-	-	5	10	-	2	-
South Carolina	-	-	1	-	-	-	-	4	6	-	1	5
Georgia	-	1	1	-	-	1	-	8	10	-	-	1
Florida	-	1	2	[3]8	-	-	-	17	10	-	-	1
EAST SOUTH CENTRAL	-	2	3	4	-	2	1	23	32	-	14	19
Kentucky	-	1	-	-	-	-	1	5	8	-	6	11
Tennessee	-	-	-	2	-	1	-	9	8	-	3	2
Alabama	-	1	-	-	-	1	-	4	9	-	5	6
Mississippi	-	-	3	2	-	-	-	5	7	-	-	-
WEST SOUTH CENTRAL	-	2	7	9	-	-	5	42	87	1	20	5
Arkansas	-	-	-	1	-	-	-	7	3	-	4	-
Louisiana	-	1	4	-	-	-	3	7	45	-	-	-
Oklahoma	-	-	2	1	-	-	1	6	6	-	-	-
Texas	-	1	1	7	-	-	1	22	33	1	[2]16	5
MOUNTAIN	-	1	-	4	1	-	-	14	15	-	-	-
Montana	-	-	-	-	-	-	-	1	2	-	-	-
Idaho	-	1	-	-	-	-	-	3	5	-	-	-
Wyoming	-	-	-	1	-	-	-	1	-	-	-	-
Colorado	-	-	-	3	1	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	5	7	-	-	-
Arizona	-	-	-	-	-	-	-	4	1	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	1	3	5	12	1	1	1	33	31	-	1	1
Alaska	-	-	(1)	-	-	-	-	1	-	-	-	-
Washington	-	-	-	-	-	-	-	1	-	-	-	-
Oregon	-	-	-	2	-	-	-	1	6	-	-	-
California	1	3	5	[4]10	1	1	1	30	25	-	1	1
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	2	11	-	2	1

[2]Includes delayed report.
[3]Includes 2 cases of aseptic meningitis.
[4]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	22d week ended June 6, 1959	21st week ended May 30, 1959	Adjusted average, 22d week 1954-58	Percent change, adjusted average to current week[1]	CUMULATIVE NUMBER FIRST 22 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES	[2]10,910	10,561	10,427	+4.6	[2]256,255	259,959	-1.4
New England (14 cities)	655	685	668	-1.9	16,328	16,424	-0.6
Middle Atlantic (20 cities)	3,170	3,244	3,043	+4.2	75,229	75,579	-0.5
East North Central (19 cities)	2,371	2,066	2,299	+3.1	54,311	55,298	-1.8
West North Central (9 cities)	707	696	741	-4.6	17,788	18,487	-3.8
South Atlantic (11 cities)	963	888	854	+12.8	21,827	22,893	-4.7
East South Central (8 cities)	555	443	463	+19.9	11,526	12,334	-6.6
West South Central (13 cities)	849	938	834	+1.8	21,133	21,727	-2.7
Mountain (8 cities)	[2]329	300	252	+30.6	[2]7,212	6,699	+7.7
Pacific (12 cities)	[2]1,311	1,301	1,259	+4.1	[2]30,901	30,518	+1.3

[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	22d week ended June 6, 1959	21st week ended May 30, 1959	CUMULATIVE NUMBER FIRST 22 WEEKS 1959	1958
NEW ENGLAND:				
Boston, Mass.	213	256	5,585	5,653
Bridgeport, Conn.	42	57	932	906
Cambridge, Mass.	25	24	639	672
Fall River, Mass.	26	29	662	641
Hartford, Conn.	47	38	1,115	1,186
Lowell, Mass.	30	20	523	614
Lynn, Mass.	26	22	538	486
New Bedford, Mass.	22	18	533	548
New Haven, Conn.	34	34	1,018	1,088
Providence, R. I.	61	53	1,534	1,489
Somerville, Mass.	17	10	317	317
Springfield, Mass.	39	47	1,029	958
Waterbury, Conn.	25	29	629	628
Worcester, Mass.	48	48	1,274	1,238
MIDDLE ATLANTIC:				
Albany, N. Y.	45	58	1,289	1,183
Allentown, Pa.	27	28	818	759
Buffalo, N. Y.	159	131	3,323	3,577
Camden, N. J.	46	27	927	1,015
Elizabeth, N. J.	42	21	677	686
Erie, Pa.	40	33	850	783
Jersey City, N. J.	58	72	1,752	1,684
Newark, N. J.	114	72	2,331	2,254
New York City, N. Y.	1,582	1,688	38,569	38,246
Paterson, N. J.	46	34	894	990
Philadelphia, Pa.	485	465	11,490	11,776
Pittsburgh, Pa.	193	243	4,284	4,580
Reading, Pa.	17	29	516	491
Rochester, N. Y.	101	101	2,231	2,345
Schenectady, N. Y.	28	27	547	515
Scranton, Pa.	33	41	920	819
Syracuse, N. Y.	74	61	1,440	1,408
Trenton, N. J.	33	52	1,007	1,156
Utica, N. Y.	19	31	649	619
Yonkers, N. Y.	28	30	715	693
EAST NORTH CENTRAL:				
Akron, Ohio	63	47	1,340	1,326
Canton, Ohio	27	36	756	708
Chicago, Ill.	769	563	17,208	17,739
Cincinnati, Ohio	170	126	3,605	3,790
Cleveland, Ohio	216	195	4,728	4,881
Columbus, Ohio	124	100	2,544	2,610
Dayton, Ohio	64	62	1,529	1,710
Detroit, Mich.	344	311	7,486	7,313
Evansville, Ind.	32	33	853	928
Flint, Mich.	41	40	919	871
Fort Wayne, Ind.	24	31	809	818
Gary, Ind.	22	37	688	743
Grand Rapids, Mich.	60	40	980	960
Indianapolis, Ind.	104	127	3,235	2,868
Madison, Wis.	(31)	(27)	(648)	(737)
Milwaukee, Wis.	116	112	2,920	3,140
Peoria, Ill.	19	22	671	770
Rockford, Ill.	(33)	(30)	(653)	(593)
South Bend, Ind.	33	13	588	622
Toledo, Ohio	84	116	2,230	2,292
Youngstown, Ohio	59	55	1,222	1,209
WEST NORTH CENTRAL:				
Des Moines, Iowa	46	37	1,213	1,277
Duluth, Minn.	32	25	599	556
Kansas City, Kans.	39	42	734	636
Kansas City, Mo.	97	111	2,726	2,915
Lincoln, Nebr.	(17)	(28)	(582)	(583)
Minneapolis, Minn.	108	94	2,820	2,911
Omaha, Nebr.	73	62	1,672	1,618
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	200	202	5,479	5,830
St. Paul, Minn.	80	64	1,490	1,738
Wichita, Kans.	32	59	1,055	1,006
SOUTH ATLANTIC:				
Atlanta, Ga.	80	110	2,512	2,575
Baltimore, Md.	251	216	5,477	5,815
Charlotte, N. C.	47	23	827	822
Jacksonville, Fla.	64	51	1,310	1,419
Miami, Fla.	86	59	1,620	1,747
Norfolk, Va.	29	34	916	845
Richmond, Va.	81	74	1,741	1,750
Savannah, Ga.	25	24	716	772
St. Petersburg, Fla.	(45)	(59)	(1,536)	(1,633)
Tampa, Fla.	68	82	1,460	1,664
Washington, D. C.	191	176	4,377	4,620
Wilmington, Del.	41	39	871	864
EAST SOUTH CENTRAL:				
Birmingham, Ala.	97	70	1,857	2,099
Chattanooga, Tenn.	47	30	1,036	1,141
Knoxville, Tenn.	27	23	622	652
Louisville, Ky.	165	74	2,534	2,610
Memphis, Tenn.	95	112	2,529	2,692
Mobile, Ala.	38	41	905	936
Montgomery, Ala.	25	41	730	814
Nashville, Tenn.	61	52	1,313	1,390
WEST SOUTH CENTRAL:				
Austin, Tex.	38	33	690	759
Baton Rouge, La.	19	14	622	659
Corpus Christi, Tex.	17	25	457	475
Dallas, Tex.	105	137	2,630	2,659
El Paso, Tex.	30	37	805	850
Fort Worth, Tex.	72	52	1,416	1,411
Houston, Tex.	146	164	3,498	3,547
Little Rock, Ark.	48	55	1,245	1,218
New Orleans, La.	149	155	3,760	4,074
Oklahoma City, Okla.	59	79	1,520	1,574
San Antonio, Tex.	96	90	2,209	2,223
Shreveport, La.	37	45	1,135	1,119
Tulsa, Okla.	33	52	1,146	1,159
MOUNTAIN:				
Albuquerque, N. Mex.	30	30	706	633
Colorado Springs, Colo.	[1]13	15	[2]354	321
Denver, Colo.	137	115	2,648	2,598
Ogden, Utah	11	17	358	321
Phoenix, Ariz.	47	45	1,185	1,038
Pueblo, Colo.	15	12	295	289
Salt Lake City, Utah	54	47	1,113	1,042
Tucson, Ariz.	22	19	553	457
PACIFIC:				
Berkeley, Calif.	15	28	404	462
Fresno, Calif.	(39)	(41)	(926)	(826)
Glendale, Calif.	(23)	(34)	(830)	(768)
Long Beach, Calif.	57	54	1,276	1,245
Los Angeles, Calif.	520	434	11,083	11,295
Oakland, Calif.	88	80	2,114	2,111
Pasadena, Calif.	34	22	700	794
Portland, Oreg.	100	97	2,598	2,264
Sacramento, Calif.	59	51	1,208	1,158
San Diego, Calif.	67	82	1,846	1,903
San Francisco, Calif.	200	218	4,502	4,392
San Jose, Calif.	(20)	(15)	(572)	(510)
Seattle, Wash.	109	136	3,090	2,999
Spokane, Wash.	26	59	1,126	1,048
Tacoma, Wash.	[1]36	40	[2]954	847
Honolulu, Hawaii	(34)	(44)	(833)	(836)

[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.

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