

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 13, 1959

One case of human rabies was reported in Alabama for the current week. The report of a case of human rabies in Georgia last week was in error; the report should have stated that it was a case of rabies in animals. The report from Alabama represents the first case to be reported this year and is the first reported in Alabama since 1956.

The incidence of paralytic poliomyelitis showed a further increase from 36 cases (revised total) for the week ended June 6 to 55 for the current week. This is more than twice the number for the same week last year (25 cases) and also above the number for the corresponding week in 1957 (38 cases). The cumulative total for the calendar year is 452 as compared with 231 for 1958, and for the disease year it is 265 as compared with 128 last year.

The largest number of paralytic cases (9) was reported in Iowa, where incidence has been concentrated in the Des Moines

area. The cumulative total for the State is now 14, with at least 2 deaths, as compared with 4 cases last year. Most of the current cases have been in unvaccinated children. This is the second localized concentration of poliomyelitis to be reported this year, the first having occurred in Missouri early in 1959. However, the present increase is not confined to Iowa; 4 other States in this geographic division also reported 1 or more cases for the current week.

The South Atlantic States showed an increase of 3 cases of paralytic poliomyelitis for the current week, and the West South Central States showed an increase of 6 cases, 5 being reported from Oklahoma. The number for California increased from 4 paralytic cases for the week ended June 6 to 8 for the current week. There was no concentration of cases in this State. Arizona has reported 14 paralytic cases so far this year

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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)	23d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 13, 1959 ¹	Ended June 14, 1958	Median 1954-58	First 23 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	8	2	10	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	5	2	2	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	20	16	23	333	337	440	(2)	(2)	(2)	(2)
Diphtheria-----055	9	12	15	373	311	649	985	1,109	1,885	July 1
Encephalitis, infectious-----082	26	38	36	643	681	648	63	87	74	June 1
Hepatitis, infectious, and serum-----092.0,080.1	353	231	266	11,102	7,382	10,477	16,519	11,701	18,386	Sept. 1
Malaria-----110-117	2	1	7	30	26	91	(2)	(2)	(2)	(2)
Measles-----085	10,631	27,483	21,522	318,554	621,064	495,795	369,943	659,504	525,564	Sept. 1
Meningococcal infections-----057	39	33	56	1,198	1,300	1,478	2,061	2,309	2,445	Sept. 1
Meningitis, other-----340	69	34	-	1,437	1,141	-	-	-	-	-
Poliomyelitis-----080	72	55	178	652	464	2,130	384	277	1,151	Apr. 1
Paralytic-----080.0,080.1	55	25	92	452	231	1,119	265	128	588	Apr. 1
Nonparalytic-----080.2	15	22	61	123	160	649	78	101	387	Apr. 1
Unspecified-----080.3	2	8	25	77	73	362	41	48	176	Apr. 1
Psittacosis-----096.2	3	5	7	56	67	155	(2)	(2)	(2)	(2)
Rabies in man-----094	4 ¹	-	-	1	2	3	(2)	(2)	(2)	(2)
Typhoid fever-----040	19	26	35	250	352	607	126	186	317	Apr. 1
Typhus fever, endemic-----101	-	3	4	12	25	46	6	14	30	Apr. 1
Rabies in animals-----	60	102	102	1,761	2,256	2,607	2,652	3,154	3,707	Oct. 1

¹Data exclude report from Pennsylvania for the current week.

²Includes 14 cases of aseptic meningitis; see footnotes to table 2.

³Data show no pronounced seasonal change in incidence.

⁴Reported in Alabama.

as compared with 3 last year. Five of the 14 have been reported from 3 Indian Reservations. The New England and Middle Atlantic States currently are reporting relatively few cases.

EPIDEMIOLOGICAL REPORTS

Influenza

The World Health Organization, Geneva, has reported an outbreak of a mild influenza-like illness in Senegal in the region of Dakar.

The sequence of events in the recent occurrence of influenza in Australia is as follows: The first case was reported on board a ship which arrived in Darwin (Northern Territory) from Hong Kong on March 9. An epidemic of type A2 influenza followed at Batchelor, where about 50 percent of the population was affected, and among natives in Arnhem Land. Both are in the northern part of the Northern Territory. During the second half of April, Cairns and Toowoomba were affected. The former is on the northeast coast of Queensland and the latter in the southeast, inland from Brisbane. During April and May, several isolations of type A2 virus were made in Melbourne, Victoria, and in an explosive outbreak at Rutherglen. An air force station, at Wagga Wagga, New South Wales, was involved in an outbreak of A2 influenza in April. Several deaths from influenza were reported in South Australia which were not confirmed by laboratory examinations. Cases were confirmed in Western Australia by isolation of type A2 virus. The disease has been widespread but mild in Australia. Adenoviruses have also been isolated from some cases having the same clinical picture as influenza.

Two strains of type A2 virus were isolated in Tasmania in March. Paired sera collected during an epidemic at Hobart showed that type A2 infection was present. A moderately severe outbreak has also occurred in Rosebery. Laboratory results on specimens collected are not yet available.

Shigellosis

Dr. J. E. McCroan, Georgia Department of Public Health, has supplied additional information on the outbreak of bacillary dysentery reported last week. In order to determine whether the outbreak was limited to students eating in the lunchroom or had involved also those who brought lunches from their homes, a nurse is visiting homes of 30 persons who had positive stool cultures. Of the 25 queried to date, all ate in the lunchroom. It has been found that there were 8 probable secondary cases in the homes investigated. Pending completion of the survey by the nurse it is tentatively concluded that the organism, Shigella

sonnei, was disseminated in the lunchroom, probably by one or more food handlers, and that no single food was involved.

Malaria

The 2 cases of malaria reported in California for the current week include a case in a 21-year-old man who had been in Java for a 10-month period prior to July 1958 when he returned to the United States with stopovers in India, Turkey, Italy, and Spain. The parasite was identified as Plasmodium vivax. The other case, type undetermined, was in a 22-year-old female who had traveled in South America and Central America during February, March, and April, 1959. The case of malaria reported in California last week proved to be due to P. vivax.

Typhoid fever

California has reported for the current week 3 cases of typhoid fever involving a 1-day-old infant and its parents. A blood culture from the baby was positive for typhoid phage type C₁. The baby's mother was ill a week before her confinement. The father, who travels in Mexico on business, had an illness diagnosed as influenza in December 1958. A current specimen of his blood tested positive in a Widal test with a titer of 1:640 against O antigen.

Gastroenteritis

Dr. Tartakow, Nassau County (New York) Health Department, has reported an outbreak of gastroenteritis among a group of 100 industrial employees who ate lunch in the company cafeteria. Shrimp salad appeared to be the vehicle of infection which had an incubation period of 24 hours. About 23 cases were reported. None of the food was available for laboratory examination.

Dr. Tartakow also reported an outbreak which affected 50 of 139 guests at a wedding reception. Abdominal cramps and diarrhea developed after an incubation period of from 6 to 12 hours. Three different foods—tunafish salad, egg salad, and chopped chicken liver—were suspected as the vehicles of infection, but none of the food was available for laboratory examination. There was a history of food being prepared during the 48 hours before serving and lack of refrigeration in this period.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 14, 1958, AND JUNE 13, 1959

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

AREA	BRUCELOSIS (undulant fever)		DIPHTHERIA OSS				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		23d week		Cumulative first 23 weeks		082		23d week		Cumulative first 23 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	20	16	9	12	373	311	26	38	355	231	11,102	7,382
NEW ENGLAND-----	-	2	-	-	5	5	-	2	7	11	358	267
Maine-----	-	-	-	-	-	-	-	-	1	1	66	46
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	10	1
Vermont-----	-	2	-	-	-	-	-	-	1	1	18	10
Massachusetts-----	-	-	-	-	5	4	-	1	3	6	156	118
Rhode Island-----	-	-	-	-	-	-	-	1	-	1	39	40
Connecticut-----	-	-	-	-	-	1	-	-	2	2	69	52
MIDDLE ATLANTIC ¹ -----	1	2	1	2	35	30	4	9	43	48	1,603	891
New York-----	1	-	1	2	20	15	3	6	32	34	974	595
New Jersey-----	-	1	-	-	9	1	1	-	11	-	192	77
Pennsylvania-----	---	-	---	-	16	14	---	3	---	14	1,437	221
EAST NORTH CENTRAL-----	-	4	-	-	19	27	5	6	110	38	1,833	1,341
Ohio-----	-	-	-	-	6	6	1	-	27	14	549	407
Indiana-----	-	-	-	-	2	11	-	-	5	3	184	128
Illinois-----	-	3	-	-	8	4	4	1	11	10	355	356
Michigan-----	-	1	-	-	1	5	-	5	66	10	641	377
Wisconsin-----	-	-	-	-	2	1	-	-	1	1	104	73
WEST NORTH CENTRAL-----	16	5	-	2	32	43	-	1	28	15	894	683
Minnesota-----	1	-	-	2	16	8	-	-	3	1	214	72
Iowa-----	5	1	-	-	2	11	-	-	1	-	82	137
Missouri-----	-	1	-	-	3	12	-	-	8	9	233	125
North Dakota-----	-	-	-	-	1	2	-	-	7	2	192	109
South Dakota-----	-	-	-	-	3	3	-	-	3	-	10	7
Nebraska-----	2	-	-	-	7	7	-	-	1	-	49	42
Kansas-----	8	3	-	-	-	-	-	1	5	3	114	191
SOUTH ATLANTIC-----	-	1	1	4	80	86	-	4	19	21	1,005	532
Delaware-----	-	-	-	-	-	-	-	-	2	1	57	30
Maryland-----	-	-	-	-	1	3	-	-	4	4	256	55
District of Columbia-----	-	-	-	-	-	-	-	-	-	2	11	9
Virginia-----	-	-	1	1	6	14	-	-	4	3	194	125
West Virginia-----	-	-	-	1	1	8	-	-	1	1	202	89
North Carolina-----	-	-	-	-	7	13	-	1	2	1	55	26
South Carolina-----	-	-	-	-	5	8	-	-	-	-	14	34
Georgia-----	-	-	-	2	29	23	-	-	-	3	89	57
Florida-----	-	1	-	-	31	17	-	2	6	6	127	107
EAST SOUTH CENTRAL-----	1	-	1	2	47	23	5	1	18	19	1,027	665
Kentucky-----	-	-	1	1	5	2	-	1	5	10	479	322
Tennessee-----	-	-	-	-	5	3	-	-	5	5	241	183
Alabama-----	-	-	-	1	9	14	-	-	7	2	219	127
Mississippi-----	1	-	-	-	28	4	5	-	1	2	88	33
WEST SOUTH CENTRAL-----	1	1	6	2	139	69	5	3	23	16	851	592
Arkansas-----	-	1	-	-	31	12	-	1	-	6	38	68
Louisiana-----	-	-	-	1	39	6	-	-	1	-	86	5
Oklahoma-----	-	-	-	-	1	17	-	-	2	1	117	97
Texas-----	1	-	6	1	68	34	5	2	20	9	610	422
MOUNTAIN-----	-	-	-	-	10	23	-	2	32	29	1,613	1,035
Montana-----	-	-	-	-	-	7	-	-	1	4	155	205
Idaho-----	-	-	-	-	-	1	-	-	2	-	174	81
Wyoming-----	-	-	-	-	-	2	-	-	2	-	44	3
Colorado-----	-	-	-	-	3	5	-	-	5	2	503	109
New Mexico-----	-	-	-	-	5	7	-	-	14	8	341	215
Arizona-----	-	-	-	-	1	1	-	2	4	10	291	219
Utah-----	-	-	-	-	-	-	-	-	4	3	91	109
Nevada-----	-	-	-	-	1	-	-	-	-	2	14	94
PACIFIC-----	1	1	-	-	6	5	7	10	73	34	1,918	1,376
Alaska-----	1	-	-	-	1	-	-	-	-	(1)	12	(65)
Washington-----	-	-	-	-	-	-	-	-	4	7	289	260
Oregon-----	-	-	-	-	1	1	-	-	13	3	389	171
California-----	-	1	-	-	4	4	7	10	56	24	1,228	945
Hawaii-----	-	-	1	-	2	-	-	-	-	-	26	26
Puerto Rico-----	---	-	---	2	² 11	24	---	-	---	-	² 88	73

¹Data exclude report from Pennsylvania for the current week.

²Data exclude report from Puerto Rico for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 14, 1958, AND JUNE 13, 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 ³				Paralytic 080.0,080.1				Nonparalytic		085	
	23d week		Cumulative first 23 weeks		23d week		Cumulative first 23 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	72	55	652	464	55	25	452	231	15	22	10,631	27,483
NEW ENGLAND-----	-	-	8	8	-	-	7	6	-	-	725	2,785
Maine-----	-	-	-	2	-	-	-	2	-	-	110	211
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	14	65
Vermont-----	-	-	1	-	-	-	1	-	-	-	20	47
Massachusetts-----	-	-	4	1	-	-	3	-	-	-	217	1,470
Rhode Island-----	-	-	2	-	-	-	2	-	-	-	19	200
Connecticut-----	-	-	1	5	-	-	1	4	-	-	345	792
MIDDLE ATLANTIC ¹ -----	-	2	39	19	-	1	18	9	-	1	2,141	6,341
New York-----	-	1	29	16	-	-	14	8	-	1	1,302	2,123
New Jersey-----	-	1	7	3	-	1	3	1	-	-	839	1,555
Pennsylvania-----	-	-	13	-	-	-	1	-	-	-	-	2,663
EAST NORTH CENTRAL-----	5	3	55	38	3	1	28	14	1	1	2,060	8,250
Ohio-----	2	-	25	5	1	-	10	-	-	-	538	1,059
Indiana-----	-	-	4	2	-	-	3	1	-	-	75	494
Illinois-----	-	-	4	10	-	-	2	3	-	-	356	1,398
Michigan-----	3	3	19	17	2	1	10	8	1	1	587	2,347
Wisconsin-----	-	-	3	4	-	-	3	2	-	-	504	2,952
WEST NORTH CENTRAL-----	19	2	78	23	16	2	50	11	2	-	535	882
Minnesota-----	2	-	5	1	2	-	4	1	-	-	79	123
Iowa-----	11	1	16	7	9	1	14	4	2	-	299	483
Missouri-----	1	1	33	2	1	1	23	2	-	-	73	77
North Dakota-----	-	-	1	2	-	-	-	1	-	-	47	144
South Dakota-----	-	-	3	3	-	-	-	1	-	-	31	21
Nebraska-----	2	-	10	7	2	-	7	2	-	-	6	34
Kansas-----	3	-	10	1	2	-	2	-	-	-	(*)	(*)
SOUTH ATLANTIC-----	12	22	136	102	11	8	105	47	1	9	736	2,009
Delaware-----	-	1	2	2	-	-	2	1	-	-	12	18
Maryland-----	-	-	-	-	-	-	-	-	-	-	83	101
District of Columbia-----	-	-	-	1	-	-	-	1	-	-	15	44
Virginia-----	3	2	14	7	3	2	13	7	-	-	326	634
West Virginia-----	1	2	17	9	1	2	12	7	-	-	146	227
North Carolina-----	3	2	12	17	3	1	10	5	-	1	45	103
South Carolina-----	-	-	8	4	-	-	6	3	-	-	57	358
Georgia-----	2	2	6	8	2	2	6	6	-	-	11	174
Florida-----	3	13	77	54	2	1	56	17	1	8	41	350
EAST SOUTH CENTRAL-----	5	4	56	43	5	-	37	19	-	2	663	1,379
Kentucky-----	-	-	9	15	-	-	7	9	-	-	311	413
Tennessee-----	2	1	19	10	2	-	14	5	-	1	273	758
Alabama-----	2	-	6	5	2	-	3	4	-	-	74	200
Mississippi-----	1	3	22	13	1	-	13	1	-	1	5	8
WEST SOUTH CENTRAL-----	17	15	143	112	11	7	104	64	6	8	843	2,357
Arkansas-----	3	1	22	7	2	-	21	5	1	1	5	546
Louisiana-----	3	3	20	10	2	1	17	7	1	2	-	17
Oklahoma-----	6	1	14	11	5	-	7	4	1	1	30	317
Texas-----	5	10	87	84	2	6	59	48	3	4	808	1,477
MOUNTAIN-----	2	1	31	36	1	1	19	14	1	-	976	1,409
Montana-----	-	-	2	4	-	-	-	1	-	-	24	200
Idaho-----	-	-	-	-	-	-	-	-	-	-	78	28
Wyoming-----	-	-	1	2	-	-	-	1	-	-	2	8
Colorado-----	-	1	2	6	-	1	2	5	-	-	252	479
New Mexico-----	-	-	8	10	-	-	3	3	-	-	87	130
Arizona-----	-	-	9	9	1	-	14	3	1	-	170	421
Utah-----	2	-	16	3	-	-	-	1	-	-	341	145
Nevada-----	-	-	-	2	-	-	-	-	-	-	22	-
PACIFIC-----	12	6	106	83	8	5	84	47	4	1	1,952	2,071
Alaska-----	-	-	-	(1)	-	-	-	-	(1)	-	28	(9)
Washington-----	-	-	6	6	-	-	-	-	-	-	351	413
Oregon-----	-	1	10	6	-	1	8	4	-	-	200	159
California-----	12	5	90	71	8	4	76	43	4	1	1,373	1,499
Hawaii-----	-	3	4	16	-	3	4	16	-	-	24	15
Puerto Rico-----	-	-	23	39	-	-	23	36	-	-	-	54

¹Data exclude report from Pennsylvania for the current week.²Data exclude report from Puerto Rico for the current week.³Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEK ENDED JUNE 14, 1958, AND JUNE 13, 1959—Continued

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

AREA	MALARIA		MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117		057		340	096.2	23d week		Cumulative first 23 weeks		101	1959	1958
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	2	39	33		69	3	19	26	250	352	-	60	102
NEW ENGLAND-----	-	3	-	-	3	-	1	-	6	6	-	-	-
Maine-----	-	-	-	-	-	-	1	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	2	-	-	3	-	-	-	2	3	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	-	-	-
Connecticut-----	-	1	-	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC ¹ -----	-	4	5	-	-	1	1	1	25	45	-	1	3
New York-----	-	2	3	-	-	1	1	-	10	9	-	1	3
New Jersey-----	-	2	1	-	-	-	-	1	6	10	-	-	-
Pennsylvania-----	-	-	1	-	-	-	-	-	9	26	-	-	-
EAST NORTH CENTRAL-----	-	17	5	12	1	6	-	-	34	24	-	7	17
Ohio-----	-	3	1	-	-	4	-	-	18	9	-	-	8
Indiana-----	-	-	-	1	-	1	-	-	5	6	-	1	4
Illinois-----	-	5	1	9	1	1	-	-	5	1	-	-	1
Michigan-----	-	8	2	2	-	-	-	-	5	4	-	4	-
Wisconsin-----	-	1	1	-	-	-	-	-	1	4	-	2	4
WEST NORTH CENTRAL-----	-	2	2	7	-	-	-	1	13	31	-	9	21
Minnesota-----	-	1	1	2	-	-	-	-	-	2	-	2	9
Iowa-----	-	-	1	4 ⁵	-	-	-	1	-	5	-	3	9
Missouri-----	-	-	-	-	-	-	-	-	8	15	-	1	3
North Dakota-----	-	-	-	-	-	-	-	-	1	1	-	2	-
South Dakota-----	-	-	-	-	-	-	-	-	1	2	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	1	-	1	-
Kansas-----	-	1	-	-	-	-	-	-	3	5	-	-	-
SOUTH ATLANTIC-----	-	6	7	8	-	3	5	52	62	62	-	12	14
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	4	4	-	-	-
District of Columbia-----	-	-	-	-	-	1	1	2	3	3	-	-	-
Virginia-----	-	3	-	5	-	1	-	13	6	6	-	2	3
West Virginia-----	-	-	-	2	-	-	-	2	9	9	-	2	2
North Carolina-----	-	2	2	-	-	-	-	1	5	11	-	1	-
South Carolina-----	-	-	-	-	-	-	-	-	4	6	-	1	3
Georgia-----	-	-	2	-	-	1	2	9	12	12	-	4	5
Florida-----	-	1	3	5 ¹	-	1	1	17	11	11	-	2	1
EAST SOUTH CENTRAL-----	-	1	4	11	1	1	11	24	43	43	-	20	18
Kentucky-----	-	-	3	-	-	-	-	2	5	10	-	4	9
Tennessee-----	-	-	-	1	-	-	3	9	11	11	-	5	3
Alabama-----	-	-	-	-	1	-	-	4	9	9	-	11	6
Mississippi-----	-	1	1	10	-	1	6	6	13	13	-	-	-
WEST SOUTH CENTRAL-----	-	1	4	11	-	2	5	44	92	92	-	9	13
Arkansas-----	-	-	-	-	-	-	-	7	3	3	-	5	-
Louisiana-----	-	1	1	-	-	-	4	7	49	49	-	-	1
Oklahoma-----	-	-	-	5	-	1	-	7	6	6	-	-	-
Texas-----	-	-	3	6	-	1	1	23	34	34	-	4	12
MOUNTAIN-----	-	1	-	7	-	1	1	15	16	16	-	-	-
Montana-----	-	-	-	-	-	-	-	1	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	3	5	5	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	-	-	-	-	-
Colorado-----	-	1	-	7	-	1	-	1	-	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	5	7	7	-	-	-
Arizona-----	-	-	-	-	-	-	1	4	2	2	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	4	6	10	-	4	2	37	33	33	-	2	16
Alaska-----	-	-	(1)	-	-	-	-	1	-	-	-	-	-
Washington-----	-	-	1	-	-	-	-	1	-	-	-	-	-
Oregon-----	-	-	1	-	-	-	1	2	7	7	-	-	-
California-----	2	4	4	5 ¹⁰	-	3	1	33	26	26	-	2	16
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	1	2 ²	12	12	-	-	-

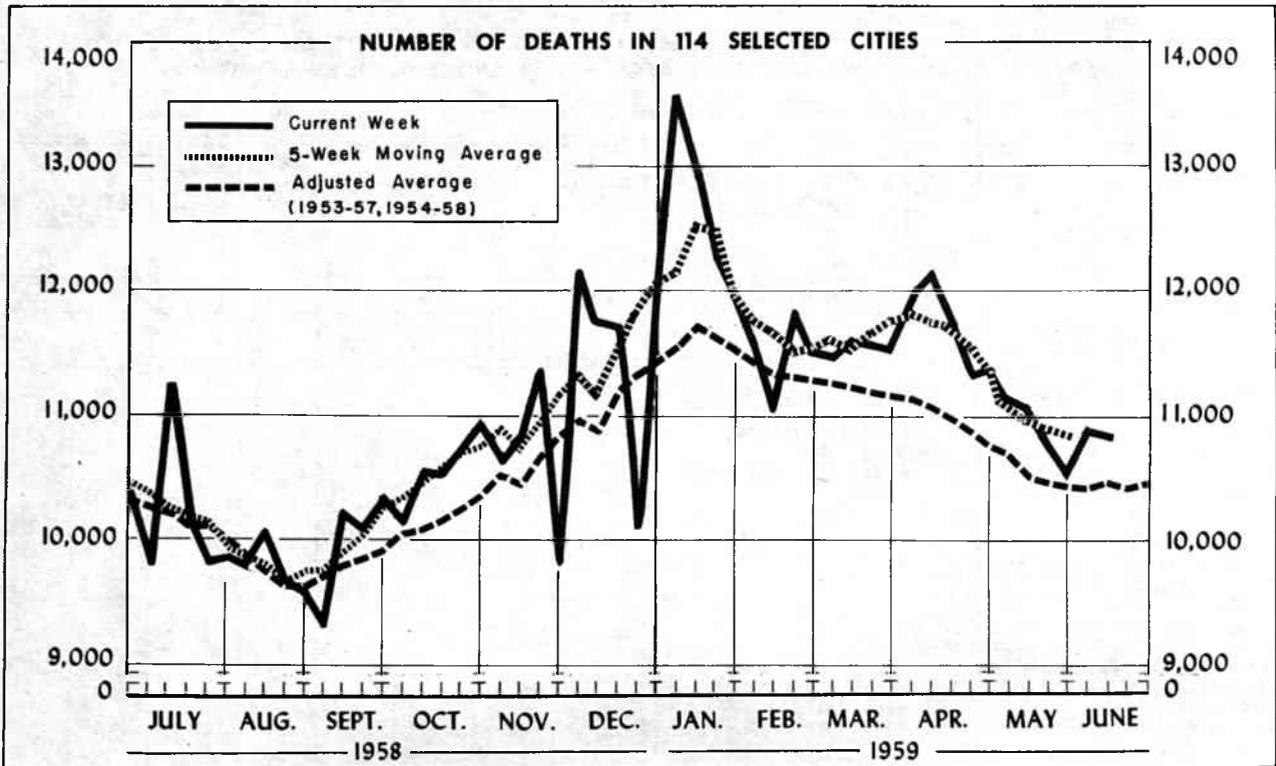
¹Data exclude report from Pennsylvania for the current week.

²Data exclude report from Puerto Rico for the current week.

⁴Includes 5 cases of aseptic meningitis.

⁵Aseptic meningitis.

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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	23d week ended June 13, 1959	22d week ended June 6, 1959	Adjusted average, 23d week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 23 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 10,856	10,915	10,449	+3.9	² 267,116	270,429	-1.2
New England----- (14 cities)	672	655	670	+0.3	17,000	17,058	-0.3
Middle Atlantic----- (20 cities)	² 3,143	3,170	3,055	+2.9	² 78,372	78,545	-0.2
East North Central----- (19 cities)	² 2,368	2,371	2,301	+2.9	² 56,679	57,567	-1.5
West North Central----- (9 cities)	796	707	745	+6.8	18,584	19,167	-3.0
South Atlantic----- (11 cities)	882	963	854	+3.3	22,709	23,797	-4.6
East South Central----- (8 cities)	480	555	466	+3.0	12,006	12,818	-6.3
West South Central----- (13 cities)	873	849	833	+4.8	22,006	22,722	-3.2
Mountain----- (8 cities)	² 336	333	250	+34.4	² 7,552	6,986	+8.1
Pacific----- (12 cities)	1,306	1,312	1,252	+4.3	32,208	31,769	+1.4

¹Adjusted average used as base.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	23d week ended June 13, 1959	22d week ended June 6, 1959	CUMULATIVE NUMBER FIRST 23 WEEKS		AREA	23d week ended June 13, 1959	22d week ended June 6, 1959	CUMULATIVE NUMBER FIRST 23 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	226	213	5,811	5,867	St. Louis, Mo.-----	240	200	5,719	6,032
Bridgeport, Conn.-----	43	42	975	939	St. Paul, Minn.-----	69	80	1,559	1,788
Cambridge, Mass.-----	25	25	664	691	Wichita, Kans.-----	73	32	1,128	1,053
Fall River, Mass.-----	25	26	687	669	SOUTH ATLANTIC:				
Hartford, Conn.-----	50	47	1,165	1,222	Atlanta, Ga.-----	119	80	2,651	2,671
Lowell, Mass.-----	23	30	546	636	Baltimore, Md.-----	210	251	5,687	6,042
Lynn, Mass.-----	26	26	564	506	Charlotte, N. C.-----	43	47	870	854
New Bedford, Mass.-----	27	22	560	575	Jacksonville, Fla.-----	64	64	1,374	1,469
New Haven, Conn.-----	46	34	1,064	1,137	Miami, Fla.-----	73	86	1,693	1,810
Providence, R. I.-----	49	61	1,583	1,539	Norfolk, Va.-----	32	29	948	871
Somerville, Mass.-----	8	17	325	330	Richmond, Va.-----	67	81	1,808	1,841
Springfield, Mass.-----	48	39	1,077	1,002	Savannah, Ga.-----	33	25	749	799
Waterbury, Conn.-----	23	25	652	650	St. Petersburg, Fla.-----	(55)	(45)	(1,591)	(1,687)
Worcester, Mass.-----	53	48	1,327	1,295	Tampa, Fla.-----	53	68	1,513	1,723
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	47	45	1,336	1,227	Birmingham, Ala.-----	73	97	1,930	2,188
Allentown, Pa.-----	35	27	853	790	Chattanooga, Tenn.-----	43	47	1,079	1,193
Buffalo, N. Y.-----	139	159	3,462	3,717	Knoxville, Tenn.-----	21	27	643	668
Camden, N. J.-----	58	46	985	1,045	Louisville, Ky.-----	103	165	2,637	2,703
Elizabeth, N. J.-----	26	42	703	706	Memphis, Tenn.-----	112	95	2,641	2,809
Erie, Pa.-----	41	40	891	824	Mobile, Ala.-----	32	38	937	983
Jersey City, N. J.-----	57	58	1,809	1,739	Montgomery, Ala.-----	33	25	763	840
Newark, N. J.-----	89	114	2,420	2,350	Nashville, Tenn.-----	63	61	1,376	1,434
New York City, N. Y.-----	1,587	1,582	40,156	39,731	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	31	46	925	1,035	Austin, Tex.-----	18	38	708	787
Philadelphia, Pa.-----	472	485	11,962	12,250	Baton Rouge, La.-----	7	19	629	684
Pittsburgh, Pa.-----	217	193	4,501	4,751	Corpus Christi, Tex.-----	23	17	480	500
Reading, Pa.-----	17	17	533	507	Dallas, Tex.-----	105	105	2,735	2,794
Rochester, N. Y.-----	94	101	2,325	2,443	El Paso, Tex.-----	37	30	842	884
Schenectady, N. Y.-----	34	28	581	534	Fort Worth, Tex.-----	63	72	1,479	1,455
Scranton, Pa.-----	35	33	955	841	Houston, Tex.-----	149	146	3,647	3,766
Syracuse, N. Y.-----	61	74	1,501	1,477	Little Rock, Ark.-----	62	48	1,307	1,297
Trenton, N. J.-----	39	33	1,046	1,195	New Orleans, La.-----	161	149	3,921	4,264
Utica, N. Y.-----	34	19	683	646	Oklahoma City, Okla.-----	60	59	1,580	1,632
Yonkers, N. Y.-----	30	28	745	737	San Antonio, Tex.-----	72	96	2,281	2,299
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	59	63	1,399	1,376	Albuquerque, N. Mex.-----	38	30	744	663
Canton, Ohio-----	31	27	787	734	Colorado Springs, Colo.-----	9	17	367	334
Chicago, Ill.-----	768	769	17,976	18,463	Denver, Colo.-----	137	137	2,785	2,708
Cincinnati, Ohio-----	151	170	3,756	3,953	Ogden, Utah-----	19	11	367	339
Cleveland, Ohio-----	192	216	4,920	5,086	Phoenix, Ariz.-----	45	47	1,230	1,071
Columbus, Ohio-----	118	124	2,662	2,714	Pueblo, Colo.-----	21	15	316	298
Dayton, Ohio-----	57	64	1,586	1,764	Salt Lake City, Utah-----	49	54	1,162	1,095
Detroit, Mich.-----	338	344	7,824	7,635	Tucson, Ariz.-----	28	22	581	478
Evansville, Ind.-----	47	32	900	958	PACIFIC:				
Flint, Mich.-----	144	41	2,963	907	Berkeley, Calif.-----	18	15	422	483
Fort Wayne, Ind.-----	29	24	838	860	Fresno, Calif.-----	(35)	(39)	(961)	(865)
Gary, Ind.-----	58	22	726	776	Glendale, Calif.-----	(20)	(25)	(850)	(800)
Grand Rapids, Mich.-----	33	60	1,013	995	Long Beach, Calif.-----	41	57	1,317	1,306
Indianapolis, Ind.-----	140	104	3,375	2,986	Los Angeles, Calif.-----	450	520	11,533	11,743
Madison, Wis.-----	(39)	(31)	(687)	(757)	Oakland, Calif.-----	91	88	2,205	2,204
Milwaukee, Wis.-----	117	116	3,037	3,266	Pasadena, Calif.-----	25	34	725	823
Peoria, Ill.-----	29	19	700	791	Portland, Oreg.-----	105	100	2,703	2,360
Rockford, Ill.-----	(24)	(33)	(677)	(629)	Sacramento, Calif.-----	65	59	1,273	1,204
South Bend, Ind.-----	26	33	614	651	San Diego, Calif.-----	87	67	1,933	1,984
Toledo, Ohio-----	98	84	2,328	2,384	San Francisco, Calif.-----	207	200	4,709	4,569
Youngstown, Ohio-----	53	59	1,275	1,268	San Jose, Calif.-----	(26)	(20)	(598)	(527)
WEST NORTH CENTRAL:					Honolulu, Hawaii-----				
Des Moines, Iowa-----	40	46	1,253	1,322	(30)	(34)	(863)	(874)	
Duluth, Minn.-----	31	32	630	583					
Kansas City, Kans.-----	32	39	766	655					
Kansas City, Mo.-----	95	97	2,821	3,030					
Lincoln, Nebr.-----	(27)	(17)	(609)	(606)					
Minneapolis, Minn.-----	151	108	2,971	3,019					
Omaha, Nebr.-----	65	73	1,737	1,685					

¹Estimated.

²Includes estimate for current week.

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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, small-pox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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