

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 May 30, 1959

The California Department of Public Health reported 3 cases of diphtheria in a single family of 10 children. Two cases, 1½ and 4 years of age, had not been immunized, but the third child, 10 years old, had received toxoid. All siblings are now being immunized.

The numbers of cases of paralytic poliomyelitis reported weekly have remained consistently higher than those for the corresponding weeks of 1958. However, the figures are consistently lower than the 5-year medians (1954-58). During the first 3 months of the 1958 poliomyelitis disease year (that is, following April 1) the numbers of paralytic cases were relatively low, which makes the numbers reported currently look unusually large. The increases since April 1 of this year as compared with the same period in 1958 are most evident in the Middle Atlantic, East North Central, West North Central, South Atlantic, and Pacific Divisions. However, only a few widely scattered States have reported significantly large numbers of

cases in the past 8 weeks. Florida has reported 29 paralytic cases as compared with 7 last year, California 29 as compared with 15, New York 8 as compared with 1, and Arizona 8 as compared with 2. Although Texas has reported 31 cases in the past 8 weeks, there is only an increase of 2 cases as compared with last year.

Earlier in the year, an outbreak of poliomyelitis with 1 death occurred among members of a religious sect in Missouri. Since then there has been some concentration of cases but not of epidemic proportions in Dade County, Florida, and in Hidalgo County, Texas. The Texas State Department of Health states that 75 percent of the cases reported this year in the State had received no vaccine and 85 percent had not received the 3 basic inoculations. Nearly one-half of the cases were in children under 5 years of age.

For the current week, Indiana reported 1 death from polio-

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	21st WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 30, 1959	Ended May 31, 1958	Median 1954-58	First 21 weeks			Since seasonal low week			
				1959	1958	Median 1954-58	1958-59	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	1	7	2	9	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	5	2	2	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	6	18	18	302	307	391	(1)	(1)	(1)	(1)
Diphtheria-----055	15	11	12	356	294	617	968	1,092	1,853	July 1
Encephalitis, infectious-----082	31	34	34	580	594	556	2,321	1,907	1,883	June 1
Hepatitis, infectious, and serum-----092, 1998.5 pt.	350	238	318	10,466	6,872	9,837	15,883	11,191	17,746	Sept. 1
Malaria-----110-117	2	2	4	27	23	81	(1)	(1)	(1)	(1)
Measles-----085	12,761	25,332	24,746	294,912	556,082	450,024	346,301	594,522	479,793	Sept. 1
Meningococcal infections-----057	39	42	54	1,125	1,222	1,385	1,988	2,231	2,352	Sept. 1
Meningitis, other-----340	244	24	---	1,293	995	---	---	---	---	---
Poliomyelitis-----080	48	41	120	532	381	1,775	264	194	796	Apr. 1
Paralytic-----080.0, 080.1	33	17	60	362	192	942	175	89	411	Apr. 1
Nonparalytic-----080.2	9	19	36	100	126	517	55	67	255	Apr. 1
Unspecified-----080.3	6	5	24	70	63	316	34	38	130	Apr. 1
Psittacosis-----096.2	1	2	5	49	60	139	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	2	2	(1)	(1)	(1)	(1)
Typhoid fever-----040	14	23	27	222	318	551	98	152	261	Apr. 1
Typhus fever, endemic-----101	-	1	2	11	18	39	5	7	20	Apr. 1
Rabies in animals-----	51	76	94	1,610	2,071	2,429	2,501	2,969	3,529	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes 7 cases of aseptic meningitis reported in California.

myelitis and Kentucky reported 2 cases of the bulbar type of the disease.

Current mortality

Mortality for the current week was lower than for the previous week and for the second consecutive week was not significantly higher than the average reported for the corresponding weeks in the years 1954-58. Mortality from influenza and pneumonia is near the level for last week and for the 15th consecutive week, significantly higher than the average. The last issue of this report stated incorrectly that mortality from all causes was below the average reported for the comparable weeks in 1954-58. The statement should have read "was not significantly higher than the adjusted average reported for the comparable weeks in 1954-58."

EPIDEMIOLOGICAL REPORTS

Influenza

Mrs. M. H. Oakes, Maine Department of Health and Welfare, reports that paired specimens of serum obtained about April 1, when an influenza-like illness was prevalent in the State, showed evidence of type B influenza infection. One case that was hospitalized died. The serum, taken post mortem, showed a titer of 1 to 64.

A report from the Virus and Rickettsial Laboratory, California Department of Public Health, dated May 23, shows that serologic evidence of type A influenza has been obtained for 158 persons and of type B influenza for 67 since July 1, 1958. All but a few cases represent individuals who became ill after January 1959.

A report has been received from the World Health Organization, Geneva, saying that isolations of type A2 (Asian) influenza virus have been made from 9 epidemic centers located in 5 states of Australia, and that press reports received during the past 10 days have indicated that illness is widespread and affecting large numbers of persons.

Staphylococcal Food Poisoning

J. R. Waples and E. A. Davis, Orange County (California) Department of Health, have supplied information on an explosive outbreak of food poisoning. Of 74 persons in a camp 66 became ill with nausea, vomiting, and diarrhea about 3 hours after a noon meal. Because of the severity of the symptoms several had to be treated in a hospital. The meal included taco beef mixture and fried beans which had been prepared for 3 hours and then packaged for eating at noon. Coagulase-positive,

hemolytic Staphylococcus aureus was recovered from nose cultures of 2 of the 5 food handlers. The beef mixture was reported "loaded" with the same type of organism.

The Iowa Department of Health has summarized their findings following investigation of an outbreak of staphylococcal food poisoning. Sixty-eight of 133 pupils in a school became ill after a noonday lunch. The incubation period varied from 3 to 11 hours. Initial symptoms consisted of nausea and vomiting, followed by abdominal cramps and diarrhea. About 30 of those ill were treated in a hospital. The offending food was a deviled egg mixture, which had been allowed to stand 2 to 3 hours in a warm room. A coagulase-positive, hemolytic Staph. aureus was isolated from the nose of one food handler. Strains of Staph. aureus were isolated from the deviled egg which, with one exception, had the identical phage pattern as that obtained from the food handler.

Gastroenteritis

Dr. U. Reid and R. C. Tetreault, Los Angeles County Health Department, report the occurrence of acute gastroenteritis in 3 persons who had eaten custard-filled doughnuts. These products had been prepared in a bakery and left in a display case without refrigeration. None was available for laboratory examination.

Dr. O. J. Pellitteri, New York City Department of Health, has reported the occurrence of gastroenteritis in 3 members of 2 related families, following the ingestion of an imported cheese. Seven persons in 2 families ate the cheese, but only 3 developed diarrhea, cramps, nausea, and vomiting, 2½ to 5½ hours after eating. The cheese was made of sheep's milk with a culture of enterococcus used as a starter. In making the cheese, it remains unrefrigerated for long periods of time. Examination of samples of the cheese consumed by the 2 families showed a total plate count of 3.4 million organisms per gram, a small number of coliform organisms, 6,000 coagulase-negative staphylococci, and 900,000 enterococci per gram. A similar type of illness was reported 2 years ago, following ingestion of another type of cheese imported from the same country.

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 MAY 31, 1958, AND MAY 30, 1959

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

AREA	BRUCELLOSIS (undulant fever)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		21st week		Cumulative first 21 weeks		082		21st week		Cumulative first 21 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	6	18	15	11	356	294	31	34	350	238	10,466	6,872
NEW ENGLAND-----	-	1	-	-	4	5	2	6	15	14	344	242
Maine-----	-	-	-	-	-	-	1	-	5	3	64	44
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	9	1
Vermont-----	-	1	-	-	-	-	-	-	2	-	17	9
Massachusetts-----	-	-	-	-	4	4	-	3	4	5	152	103
Rhode Island-----	-	-	-	-	-	-	1	2	3	2	37	38
Connecticut-----	-	-	-	-	-	1	-	1	3	2	65	47
MIDDLE ATLANTIC-----	-	1	-	-	34	27	12	5	68	31	1,520	806
New York-----	-	1	-	-	19	13	4	3	46	22	918	536
New Jersey-----	-	-	-	-	9	1	-	1	6	-	178	74
Pennsylvania-----	-	-	-	-	6	13	8	1	16	9	424	196
EAST NORTH CENTRAL-----	1	2	-	2	19	27	4	15	49	45	1,675	1,252
Ohio-----	-	-	-	-	6	6	-	3	13	21	499	381
Indiana-----	-	-	-	-	2	11	2	2	5	3	176	123
Illinois-----	1	2	-	1	8	4	1	3	6	7	332	337
Michigan-----	-	-	-	1	1	5	1	7	23	12	567	348
Wisconsin-----	-	-	-	-	2	1	-	-	2	2	101	63
WEST NORTH CENTRAL-----	3	4	1	1	33	40	-	-	30	15	843	649
Minnesota-----	-	-	-	-	16	5	-	-	15	1	203	68
Iowa-----	3	1	-	-	2	11	-	-	-	-	78	131
Missouri-----	-	1	-	-	3	12	-	-	6	7	217	111
North Dakota-----	-	1	-	1	1	2	-	-	5	3	182	105
South Dakota-----	-	-	-	-	3	3	-	-	-	-	7	7
Nebraska-----	-	1	1	-	8	7	-	-	2	-	47	42
Kansas-----	-	-	-	-	-	-	-	-	2	4	109	185
SOUTH ATLANTIC-----	1	4	4	6	79	81	5	-	21	26	962	494
Delaware-----	-	-	-	-	-	-	-	-	4	1	53	29
Maryland-----	-	-	-	-	1	3	1	-	2	3	245	49
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	10	6
Virginia-----	1	2	1	1	5	13	-	-	8	6	187	120
West Virginia-----	-	-	-	3	1	7	-	-	3	4	200	86
North Carolina-----	-	-	1	1	7	13	1	-	2	1	52	23
South Carolina-----	-	-	1	-	5	8	1	-	-	1	14	33
Georgia-----	-	2	-	-	29	20	-	-	-	3	87	52
Florida-----	-	-	1	1	31	17	2	-	2	7	114	96
EAST SOUTH CENTRAL-----	1	3	2	1	45	20	3	-	33	13	996	634
Kentucky-----	-	2	-	-	4	1	2	-	15	2	466	307
Tennessee-----	1	1	-	-	4	3	-	-	7	5	233	176
Alabama-----	-	-	1	-	9	12	1	-	9	5	210	122
Mississippi-----	-	-	2	-	28	4	-	-	2	1	87	29
WEST SOUTH CENTRAL-----	-	2	5	1	127	66	1	3	40	34	802	557
Arkansas-----	-	1	-	-	31	12	1	-	2	5	37	61
Louisiana-----	-	-	-	-	39	5	-	-	8	-	84	4
Oklahoma-----	-	-	1	-	1	17	-	-	5	6	114	94
Texas-----	-	1	5	-	56	32	-	3	25	23	567	398
MOUNTAIN-----	-	-	-	-	9	23	-	1	34	30	1,544	969
Montana-----	-	-	-	-	-	7	-	1	-	6	151	187
Idaho-----	-	-	-	-	-	1	-	-	1	1	165	80
Wyoming-----	-	-	-	-	-	2	-	-	-	-	42	3
Colorado-----	-	-	-	-	3	5	-	-	18	2	483	107
New Mexico-----	-	-	-	-	4	7	-	-	5	16	325	201
Arizona-----	-	-	-	-	1	1	-	-	10	5	280	197
Utah-----	-	-	-	-	-	-	-	-	-	-	84	103
Nevada-----	-	-	-	-	1	-	-	-	-	-	14	91
PACIFIC-----	-	1	3	-	6	5	4	4	60	30	1,780	1,269
Alaska-----	-	-	-	-	1	-	-	-	-	-	12	(60)
Washington-----	-	-	-	-	-	-	-	-	5	6	274	239
Oregon-----	-	-	-	-	1	1	-	-	19	4	365	163
California-----	-	1	3	-	4	4	4	4	36	20	1,129	867
Hawaii-----	-	-	-	-	1	-	-	-	2	3	25	26
Puerto Rico-----	-	-	-	-	11	24	-	-	-	-	87	73

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 31, 1958, AND MAY 30, 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		085	
	21st week		Cumulative first 21 weeks		21st week		Cumulative first 21 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	48	41	532	381	33	17	362	192	9	19	12,761	25,332
NEW ENGLAND-----	2	1	8	7	2	1	7	5	-	-	753	2,432
Maine-----	-	-	-	2	-	-	-	2	-	-	113	148
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	18	14
Vermont-----	-	-	1	-	-	-	1	-	-	-	52	50
Massachusetts-----	-	-	4	1	-	-	3	-	-	-	133	1,403
Rhode Island-----	2	-	2	-	2	-	2	-	-	-	20	211
Connecticut-----	-	1	1	4	-	1	1	3	-	-	417	606
MIDDLE ATLANTIC-----	1	1	36	14	1	-	15	5	-	-	2,872	5,449
New York-----	1	1	27	12	1	-	12	5	-	-	1,057	2,139
New Jersey-----	-	-	6	2	-	-	2	-	-	-	1,090	1,814
Pennsylvania-----	-	-	3	-	-	-	1	-	-	-	725	1,496
EAST NORTH CENTRAL-----	6	4	45	33	2	1	23	12	3	2	2,485	5,375
Ohio-----	1	-	21	5	-	-	8	-	-	-	674	2,259
Indiana-----	2	-	4	2	2	-	3	1	-	-	158	529
Illinois-----	-	4	3	9	-	1	1	3	-	2	277	1,029
Michigan-----	3	-	14	13	-	-	8	6	3	-	803	1,558
Wisconsin-----	-	-	3	4	-	-	3	2	-	-	573	-
WEST NORTH CENTRAL-----	1	1	51	19	1	-	29	8	-	1	598	814
Minnesota-----	-	-	2	1	-	-	1	1	-	-	265	64
Iowa-----	-	1	1	5	-	-	1	2	-	1	206	360
Missouri-----	-	-	31	1	-	-	22	1	-	-	52	209
North Dakota-----	-	-	1	2	-	-	-	1	-	-	69	163
South Dakota-----	-	-	2	3	-	-	-	1	-	-	3	1
Nebraska-----	1	-	7	6	1	-	5	2	-	-	3	17
Kansas-----	-	-	7	1	-	-	-	-	-	-	(*)	(*)
SOUTH ATLANTIC-----	11	9	117	76	8	4	86	37	2	3	1,033	3,268
Delaware-----	-	-	2	1	-	-	2	1	-	-	19	29
Maryland-----	-	-	-	-	-	-	-	-	-	-	61	136
District of Columbia-----	-	-	1	1	-	-	-	1	-	-	13	21
Virginia-----	2	1	8	4	1	1	7	4	1	-	413	1,035
West Virginia-----	2	-	16	6	1	-	11	5	1	-	224	223
North Carolina-----	-	1	7	14	-	-	5	4	-	1	145	89
South Carolina-----	-	-	8	3	-	-	6	2	-	-	45	909
Georgia-----	-	-	4	6	-	-	4	4	-	-	7	233
Florida-----	7	7	71	41	6	3	51	16	-	2	106	593
EAST SOUTH CENTRAL-----	6	2	44	38	4	1	27	19	1	1	846	1,905
Kentucky-----	2	-	10	15	2	-	8	9	-	-	208	507
Tennessee-----	2	1	15	9	2	1	10	5	-	-	328	995
Alabama-----	1	-	2	5	-	-	-	4	-	-	188	392
Mississippi-----	1	1	17	9	-	-	9	1	1	1	122	11
WEST SOUTH CENTRAL-----	11	16	118	85	6	6	88	53	3	10	1,089	2,478
Arkansas-----	-	-	18	5	-	-	18	4	-	-	31	33
Louisiana-----	3	-	17	6	3	-	15	5	-	-	1	16
Oklahoma-----	2	5	6	9	-	2	2	4	-	3	51	410
Texas-----	6	11	77	65	3	4	53	40	3	7	1,006	2,019
MOUNTAIN-----	4	1	24	35	3	-	16	13	-	-	1,275	1,909
Montana-----	1	-	1	4	-	-	-	1	-	-	107	246
Idaho-----	-	-	-	-	-	-	-	-	-	-	48	110
Wyoming-----	-	-	1	2	-	-	-	1	-	-	23	10
Colorado-----	-	-	2	5	-	-	2	4	-	-	302	546
New Mexico-----	1	-	6	10	1	-	2	3	-	-	135	203
Arizona-----	2	1	12	9	2	-	12	3	-	-	271	550
Utah-----	-	-	2	3	-	-	-	1	-	-	389	238
Nevada-----	-	-	-	2	-	-	-	-	-	-	-	6
PACIFIC-----	6	6	89	74	6	4	71	40	-	2	1,810	1,702
Alaska-----	-	-	-	(1)	-	-	-	(1)	-	-	23	(79)
Washington-----	-	-	6	6	-	-	-	-	-	-	314	486
Oregon-----	1	-	9	5	1	-	7	3	-	-	211	199
California-----	5	6	74	63	5	4	64	37	-	2	1,262	1,017
Hawaii-----	-	4	4	12	-	4	4	12	-	-	24	1
Puerto Rico-----	-	1	3	36	-	1	3	33	-	-	89	16

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

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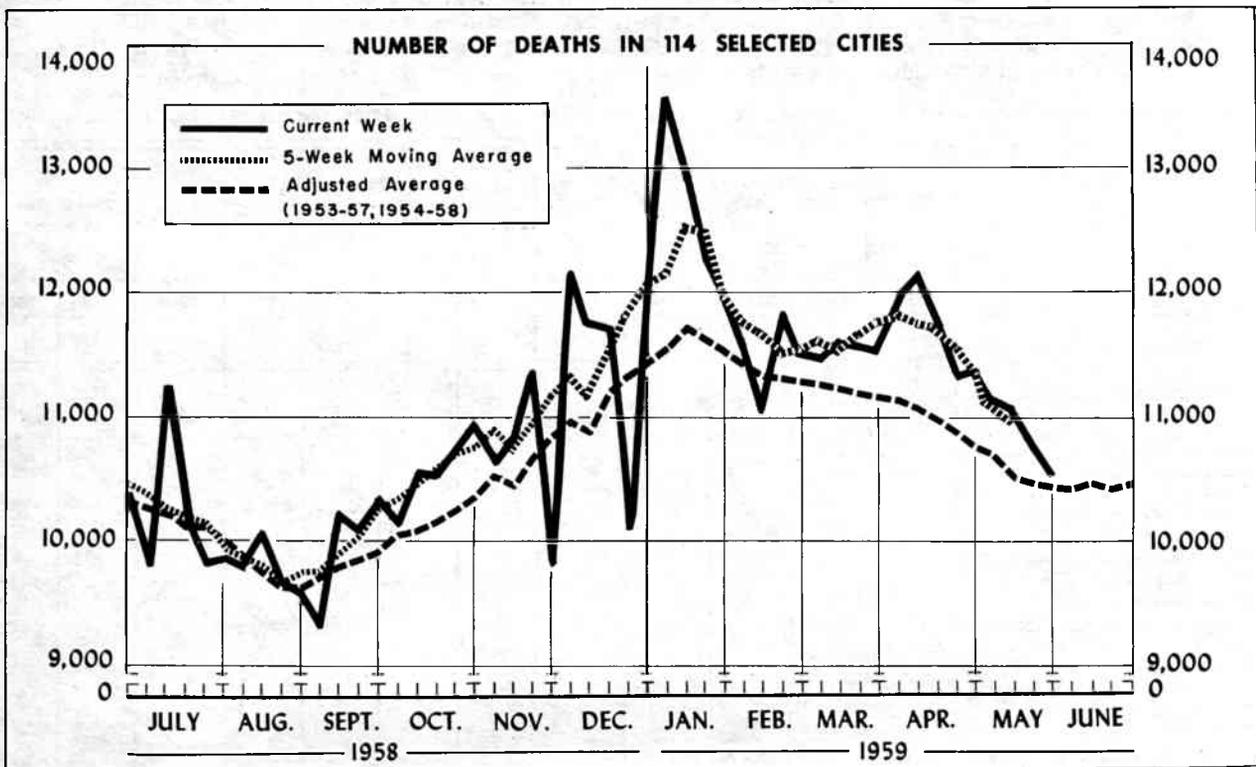
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 31, 1958, AND MAY 30, 1959—Continued

(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	21st week		Cumulative first 21 weeks		101		
	1959	1959	1958	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES-----	2	39	42	44	1	14	23	222	318	-	51	76	
NEW ENGLAND-----	-	4	1	5	-	2	1	5	6	-	-	-	
Maine-----	-	-	-	1	-	-	-	-	1	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	
Massachusetts-----	-	-	1	2	-	1	1	2	3	-	-	-	
Rhode Island-----	-	3	-	2	-	-	-	1	-	-	-	-	
Connecticut-----	-	1	-	-	-	1	-	2	2	-	-	-	
MIDDLE ATLANTIC-----	-	7	8	-	-	1	3	23	44	-	1	2	
New York-----	-	2	4	-	-	1	1	9	9	-	1	2	
New Jersey-----	-	2	2	-	-	-	1	5	9	-	-	-	
Pennsylvania-----	-	3	2	-	-	-	1	9	26	-	-	-	
EAST NORTH CENTRAL-----	-	6	9	9	-	1	-	25	23	-	9	12	
Ohio-----	-	1	4	-	-	-	-	12	8	-	-	-	
Indiana-----	-	-	-	5	-	-	-	4	6	-	2	9	
Illinois-----	-	1	3	4	-	-	-	4	1	-	-	-	
Michigan-----	-	4	1	-	-	1	-	4	4	-	1	-	
Wisconsin-----	-	-	1	-	-	-	-	1	4	-	6	3	
WEST NORTH CENTRAL-----	-	-	5	-	-	2	-	12	30	-	8	20	
Minnesota-----	-	-	-	-	-	-	-	-	2	-	3	7	
Iowa-----	-	-	-	-	-	-	-	-	4	-	3	3	
Missouri-----	-	-	3	-	-	2	-	7	15	-	1	3	
North Dakota-----	-	-	-	-	-	-	-	1	1	-	1	-	
South Dakota-----	-	-	-	-	-	-	-	1	2	-	-	7	
Nebraska-----	-	-	1	-	-	-	-	-	1	-	-	-	
Kansas-----	-	-	1	-	-	-	-	3	5	-	-	-	
SOUTH ATLANTIC-----	1	6	4	10	-	2	6	48	57	-	9	17	
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	-	4	-	-	1	-	4	-	-	-	
District of Columbia-----	-	-	-	-	-	-	-	1	2	-	-	-	
Virginia-----	-	2	-	2	-	1	1	12	6	-	6	5	
West Virginia-----	-	-	1	-	-	-	1	2	9	-	-	2	
North Carolina-----	-	3	2	2	-	-	-	5	10	-	2	-	
South Carolina-----	1	-	-	-	-	-	-	4	6	-	-	6	
Georgia-----	-	1	-	1	-	-	3	7	10	-	1	3	
Florida-----	-	-	1	1	-	1	-	17	10	-	-	1	
EAST SOUTH CENTRAL-----	-	3	9	4	-	1	1	21	31	-	9	14	
Kentucky-----	-	2	2	1	-	1	-	5	7	-	4	8	
Tennessee-----	-	1	3	2	-	-	-	8	8	-	4	2	
Alabama-----	-	-	4	-	-	-	1	3	9	-	1	4	
Mississippi-----	-	-	-	1	-	-	-	5	7	-	-	-	
WEST SOUTH CENTRAL-----	-	4	4	1	-	2	9	42	82	-	6	11	
Arkansas-----	-	-	-	-	-	1	1	7	3	-	3	5	
Louisiana-----	-	2	1	-	-	-	4	7	42	-	3	-	
Oklahoma-----	-	-	-	-	-	-	-	6	5	-	-	3	
Texas-----	-	2	3	1	-	1	4	22	32	-	-	3	
MOUNTAIN-----	-	1	1	7	1	1	1	14	15	-	2	-	
Montana-----	-	-	1	-	-	-	-	1	2	-	-	-	
Idaho-----	-	-	-	-	-	1	1	3	5	-	-	-	
Wyoming-----	-	1	-	-	-	-	-	1	-	-	-	-	
Colorado-----	-	-	-	6	1	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	-	-	-	-	5	7	-	-	-	
Arizona-----	-	-	-	-	-	-	-	4	1	-	2	-	
Utah-----	-	-	-	1	-	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	1	8	1	8	-	2	2	32	30	-	7	-	
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-	
Washington-----	-	1	-	1	-	-	-	1	-	-	-	-	
Oregon-----	-	1	-	-	-	-	-	1	6	-	-	-	
California-----	1	6	1	27	-	2	2	29	24	-	7	-	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	1	-	-	-	2	11	-	-	1	

²Aseptic 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	21st week ended May 30, 1959	20th week ended May 23, 1959	Adjusted average, 21st week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 21 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 10,554	³ 10,755	10,434	+1.2	⁴ 245,338	248,914	-1.4
New England----- (14 cities)	² 686	714	670	+2.4	² 15,674	15,723	-0.3
Middle Atlantic----- (20 cities)	² 3,236	3,114	3,057	+5.9	² 72,051	72,543	-0.7
East North Central----- (19 cities)	2,066	2,218	2,289	-9.8	51,940	52,821	-1.7
West North Central----- (9 cities)	696	780	733	-5.0	17,081	17,593	-2.9
South Atlantic----- (11 cities)	888	946	856	+3.7	20,864	21,962	-5.0
East South Central----- (8 cities)	443	466	464	-4.5	10,971	11,859	-7.5
West South Central----- (13 cities)	938	860	825	+13.7	20,284	20,830	-2.6
Mountain----- (8 cities)	300	282	252	+19.0	6,883	6,419	+7.2
Pacific----- (12 cities)	1,301	³ 1,375	1,271	+2.4	⁵ 29,590	29,164	+1.5

¹Adjusted average used as base.

²Includes estimates for missing cities.

³Includes revised report.

⁴Includes revised report for week ended May 23 and estimates for missing cities.

⁵Includes revised report for week ended May 23.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	21st week ended May 30, 1959	20th week ended May 23, 1959	CUMULATIVE NUMBER FIRST 21 WEEKS		AREA	21st week ended May 30, 1959	20th week ended May 23, 1959	CUMULATIVE NUMBER FIRST 21 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	256	248	5,372	5,417	St. Louis, Mo.-----	202	240	5,279	5,569
Bridgeport, Conn.-----	57	41	890	876	St. Paul, Minn.-----	64	43	1,410	1,665
Cambridge, Mass.-----	24	31	614	641	Wichita, Kans.-----	59	45	1,023	950
Fall River, Mass.-----	29	26	636	612	SOUTH ATLANTIC:				
Hartford, Conn.-----	38	41	1,068	1,121	Atlanta, Ga.-----	110	97	2,432	2,471
Lowell, Mass.-----	20	25	493	599	Baltimore, Md.-----	216	224	5,226	5,602
Lynn, Mass.-----	22	29	512	463	Charlotte, N. C.-----	23	41	780	779
New Bedford, Mass.-----	119	28	2512	533	Jacksonville, Fla.-----	51	57	1,246	1,376
New Haven, Conn.-----	34	46	984	1,047	Miami, Fla.-----	59	59	1,534	1,667
Providence, R. I.-----	53	61	1,473	1,420	Norfolk, Va.-----	34	40	887	796
Somerville, Mass.-----	10	13	300	301	Richmond, Va.-----	74	83	1,660	1,677
Springfield, Mass.-----	47	33	990	917	Savannah, Ga.-----	24	27	691	744
Waterbury, Conn.-----	29	24	604	599	St. Petersburg, Fla.-----	(59)	(67)	(1,491)	(1,579)
Worcester, Mass.-----	48	68	1,226	1,177	Tampa, Fla.-----	82	54	1,392	1,589
MIDDLE ATLANTIC:					Washington, D. C.-----				
Albany, N. Y.-----	58	37	1,244	1,124	Wilmington, Del.-----	39	35	830	826
Allentown, Pa.-----	28	40	791	736	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	131	177	3,164	3,447	Birmingham, Ala.-----	70	82	1,760	2,013
Camden, N. J.-----	27	40	881	963	Chattanooga, Tenn.-----	30	32	989	1,083
Elizabeth, N. J.-----	21	47	635	656	Knoxville, Tenn.-----	23	31	595	625
Erie, Pa.-----	33	42	810	750	Louisville, Ky.-----	74	100	2,369	2,522
Jersey City, N. J.-----	72	89	1,694	1,600	Memphis, Tenn.-----	112	93	2,434	2,592
Newark, N. J.-----	72	81	2,217	2,130	Mobile, Ala.-----	41	44	867	899
New York City, N. Y.-----	1,688	1,636	36,987	36,715	Montgomery, Ala.-----	41	37	705	790
Paterson, N. J.-----	34	34	848	956	Nashville, Tenn.-----	52	47	1,252	1,335
Philadelphia, Pa.-----	465	410	11,005	11,375	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	243	124	4,091	4,400	Austin, Tex.-----	33	29	652	721
Reading, Pa.-----	29	31	499	467	Baton Rouge, La.-----	14	24	603	633
Rochester, N. Y.-----	101	109	2,130	2,248	Corpus Christi, Tex.-----	25	24	440	458
Schenectady, N. Y.-----	27	20	519	497	Dallas, Tex.-----	137	113	2,525	2,540
Scranton, Pa.-----	41	40	887	782	El Paso, Tex.-----	37	33	775	807
Syracuse, N. Y.-----	61	63	1,366	1,336	Fort Worth, Tex.-----	52	58	1,344	1,348
Trenton, N. J.-----	52	47	974	1,108	Houston, Tex.-----	164	124	3,352	3,447
Utica, N. Y.-----	123	29	2622	590	Little Rock, Ark.-----	55	32	1,197	1,174
Yonkers, N. Y.-----	30	18	687	663	New Orleans, La.-----	155	165	3,611	3,926
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----				
Akron, Ohio-----	47	52	1,277	1,259	San Antonio, Tex.-----	90	94	2,113	2,120
Canton, Ohio-----	36	31	729	670	Shreveport, La.-----	45	60	1,098	1,071
Chicago, Ill.-----	563	701	16,439	16,942	Tulsa, Okla.-----	52	39	1,113	1,098
Cincinnati, Ohio-----	126	128	3,435	3,620	MOUNTAIN:				
Cleveland, Ohio-----	195	235	4,512	4,673	Albuquerque, N. Mex.-----	30	30	676	606
Columbus, Ohio-----	100	88	2,420	2,512	Colorado Springs, Colo.-----	15	10	341	305
Dayton, Ohio-----	62	65	1,465	1,625	Denver, Colo.-----	115	119	2,511	2,484
Detroit, Mich.-----	311	287	7,142	7,038	Ogden, Utah-----	17	11	347	304
Evansville, Ind.-----	33	37	821	873	Phoenix, Ariz.-----	45	36	1,138	999
Flint, Mich.-----	40	43	878	828	Pueblo, Colo.-----	12	14	280	278
Fort Wayne, Ind.-----	31	36	785	784	Salt Lake City, Utah-----	47	44	1,059	1,006
Gary, Ind.-----	37	25	666	716	Tucson, Ariz.-----	19	18	531	437
Grand Rapids, Mich.-----	40	31	920	912	PACIFIC:				
Indianapolis, Ind.-----	127	158	3,131	2,724	Berkeley, Calif.-----	28	11	389	442
Madison, Wis.-----	(27)	(35)	(617)	(698)	Fresno, Calif.-----	(41)	(47)	(887)	(780)
Milwaukee, Wis.-----	112	103	2,804	2,988	Glendale, Calif.-----	---	(35)	---	(731)
Peoria, Ill.-----	22	27	652	733	Long Beach, Calif.-----	54	64	1,219	1,167
Rockford, Ill.-----	(30)	(29)	(620)	(566)	Los Angeles, Calif.-----	434	490	10,563	10,816
South Bend, Ind.-----	13	23	555	590	Oakland, Calif.-----	80	94	2,026	2,009
Toledo, Ohio-----	116	101	2,146	2,191	Pasadena, Calif.-----	22	31	666	754
Youngstown, Ohio-----	55	47	1,163	1,143	Portland, Oreg.-----	97	145	4,298	2,154
WEST NORTH CENTRAL:					Sacramento, Calif.-----				
Des Moines, Iowa-----	37	51	1,167	1,204	San Diego, Calif.-----	51	54	1,149	1,116
Duluth, Minn.-----	25	28	567	517	San Francisco, Calif.-----	82	78	1,779	1,821
Kansas City, Kans.-----	42	32	695	616	San Jose, Calif.-----	218	182	4,302	4,220
Kansas City, Mo.-----	111	122	2,629	2,772	San Jose, Calif.-----	(15)	(24)	(552)	(485)
Lincoln, Nebr.-----	(28)	(20)	(565)	(556)	Seattle, Wash.-----	136	147	2,981	2,852
Minneapolis, Minn.-----	94	131	2,712	2,768	Spokane, Wash.-----	59	47	1,100	991
Omaha, Nebr.-----	62	88	1,599	1,532	Tacoma, Wash.-----	40	32	918	820
					Honolulu, Hawaii-----				
					(44) (39) (799) (791)				

¹Estimated.

²Includes estimate for current week.

³Revised.

⁴Includes revised report for week ended May 23.

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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.