

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS WOrth 3-4744

For release June 10, 1960

Washington 25, D. C.

Vol. 9, No. 22

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 4, 1960

EPIDEMIOLOGICAL REPORTS

Poliomyelitis

The Puerto Rico Morbidity Report for the week ended June 4, states that cases of poliomyelitis have been reported in 40 of the 76 municipalities, which make up Puerto Rico. Nineteen municipalities have reported 1 case each; 9 have reported 2 cases; and, 7 have reported 5 or more cases. There has been concentration of cases in only 3 areas--Ponce, San Juan, and Río Piedras. The latter two municipalities are contiguous. The 20 cases reported for the current week occurred in 10 municipalities, mostly in the coastal plains.

Diphtheria

The Texas Morbidity Report for the week ended May 28 states that 163 cases of diphtheria were reported in that State during 1959. The vaccination status is known for 154 cases; of

these, 77.3 percent had never received any diphtheria immunization. The age breakdown shows that 69.5 percent of the cases were in children under 10 years of age.

Respiratory diseases

The tables below show incidence by age of acute respiratory conditions and mortality by age for all causes, cardiovascular-renal diseases, and influenza and pneumonia for the first quarter of 1960 compared with the same period in 1959. The data on incidence, which are from unpublished reports of the U.S. National Health Survey, are separated into 2 categories. "Upper respiratory" conditions include the common cold, and other acute upper respiratory conditions, while "other respiratory" includes pneumonia, bronchitis, influenza, and other respiratory conditions. Incidence figures include only cases involving either restricted activity or medical care. The

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Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	22d week			Cumulative						Approximate seasonal low point
	Ended June 4, 1960 ¹	Ended June 6, 1959	Median 1955-59	First 22 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	1	-	10	8	9	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	5	2	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	10	11	26	363	313	415	(2)	(2)	(2)	(2)
Diphtheria-----055	3	9	12	311	364	404	879	966	1,177	July 1
Encephalitis, infectious-----082	37	37	37	677	615	615	42	37	37	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	631	276	298	17,177	10,749	10,211	25,607	16,185	16,185	Sept. 1
Malaria-----110-117	-	1	3	21	28	38	(2)	(2)	(2)	(2)
Measles-----085	15,433	12,948	18,656	319,834	307,923	439,884	359,303	361,923	495,634	Sept. 1
Meningitis, aseptic-----340 pt.	16	-	-	598	-	-	-	-	-	-
Meningococcal infections-----057	34	31	45	1,189	1,156	1,267	1,853	2,022	2,276	Sept. 1
Poliomyelitis-----080	19	51	73	335	576	1,008	114	283	478	Apr. 1
Paralytic-----080.0,080.1	12	36	36	237	401	476	82	193	201	Apr. 1
Nonparalytic-----080.2	6	9	41	63	106	389	24	58	223	Apr. 1
Unspecified-----080.3	1	6	7	35	69	143	8	32	54	Apr. 1
Psittacosis-----096.2	2	4	5	40	52	130	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	3	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	5,193	-	-	177,201	-	-	-	-	-	-
Typhoid fever-----040	10	9	21	227	231	446	99	104	185	Apr. 1
Typhus fever, endemic-----101	5	1	2	23	12	33	18	6	13	Apr. 1
Rabies in animals-----	56	91	83	1,777	1,701	2,226	2,826	2,607	3,276	Oct. 1

¹Data exclude report from Idaho for the current week.

²Data show no pronounced seasonal change in incidence.

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EPIDEMIOLOGICAL REPORTS—Continued

mortality data are derived from the 10-percent mortality sample obtained monthly by the National Office of Vital Statistics from each of the States and the District of Columbia for 1960, but for 1959 they exclude Alaska and Hawaii.

TABLE A. INCIDENCE RATES FOR RESPIRATORY CONDITIONS, BY AGE: UNITED STATES, JANUARY-MARCH, 1959 AND 1960

(Rates on a quarterly basis per 100 persons)

Time period and age	Upper respiratory conditions	Other respiratory conditions
JAN.-MAR., 1960		
All ages-----	26.2	27.2
Under 5 years-----	50.1	27.0
5-14 years-----	34.5	28.8
15-24 years-----	21.9	23.8
25-44 years-----	20.5	29.3
45-64 years-----	17.6	26.8
65 years and over-----	18.8	23.8
JAN.-MAR., 1959		
All ages-----	30.6	14.9
Under 5 years-----	53.3	22.1
5-14 years-----	41.2	21.0
15-24 years-----	26.7	10.7
25-44 years-----	25.2	14.2
45-64 years-----	20.3	9.9
65 years and over-----	22.6	11.5

TABLE B. DEATH RATES FOR SPECIFIED CAUSES, BY AGE: UNITED STATES, JANUARY-MARCH, 1959 AND 1960

(Excludes fetal deaths. Data for 1959 exclude Alaska and Hawaii. Rates on an annual basis per 100,000 estimated quarterly population residing in area)

Time period and age	All causes	Major cardiovascular-renal diseases	Influenza and pneumonia
JAN.-MAR., 1960			
All ages-----	1,059.3	588.4	65.6
Under 1 year-----	2,783.4	12.4	335.3
1-14 years-----	67.5	2.3	10.2
15-24 years-----	91.7	9.5	5.5
25-44 years-----	229.3	66.5	13.5
45-64 years-----	1,265.4	647.0	54.4
65 years and over-----	7,429.7	5,003.3	457.4
JAN.-MAR., 1959			
All ages-----	1,003.3	560.0	40.7
Under 1 year-----	3,121.9	12.6	386.4
1-14 years-----	71.1	3.9	8.5
15-24 years-----	91.2	8.7	3.1
25-44 years-----	218.1	63.2	6.0
45-64 years-----	1,226.4	642.4	27.3
65 years and over-----	6,806.9	4,695.1	253.8

In the younger ages, mortality from influenza and pneumonia as well as incidence, was not appreciably different in 1959 and 1960. In the older age groups, both mortality from influenza and pneumonia and incidence of other respiratory conditions, which includes influenza, were almost twice as high in 1960 as in 1959. Mortality from all causes and from cardiovascular-renal diseases in 1960, compared with 1959, increased only in persons 65 years of age and over.

Staphylococcal food poisoning

Dr. Morgan L. Zarfos and staff, York County (Pennsylvania) Health Department, investigated an outbreak of food poisoning among students in a high school. Of 635 pupils who ate the suspect meal in the school cafeteria, 422 declared they had been more or less ill with nausea, vomiting, and diarrhea for a short time 3 or 4 hours after the lunch. The menu consisted of egg salad sandwiches, beef noodle soup, saltines, potato chips, and cherry cobbler. Powdered eggs were used in the egg salad. Laboratory tests on an unopened can of the dry eggs were negative, but specimens of beef noodle soup and egg salad yielded a large amount of coagulase-positive *Staphylococcus aureus*, phage type 7. The preparation of the food was begun the day prior to the meal, and parts of the food remained unprotected and unrefrigerated for periods of 2 or 3 hours. Examination of foodhandlers for skin lesions gave no evidence of infection.

Dr. John S. Anderson, Pueblo City-County (Colorado) Health Director, reported 18 cases of acute food poisoning following the ingestion of turkey at a restaurant. Diarrhea, nausea, and vomiting developed from 2 to 6½ hours after the meal. Laboratory examination of specimens of turkey revealed coagulase-positive staphylococci. The turkey had been left at room temperature for approximately 5 hours.

Mr. Jack Long, Los Angeles City Health Department, reported that 4 persons became ill with nausea, vomiting, cramps, and diarrhea from 30 minutes to 2 hours after eating ham in a private home. The ham was baked for about an hour soon after purchase and was eaten at various times during the next 2 days. Specimens of the ham yielded a large number of staphylococci.

Gastroenteritis

Mr. Edward O. Cruz, Las Animas-Huerfano Counties (Colorado) Health Department, reported the occurrence of 20 cases of food poisoning following a church supper. A total of 500 persons attended the supper at which Mexican and Italian foods were served. The incubation period ranged from 4 to 18 hours. Symptoms were mild. All persons who became ill had eaten either tamales or enchiladas. These had been cooked, kept frozen for 2 days, then thawed, warmed, and served. Laboratory examination of these 2 foods showed contamination with coliform organisms.

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, AND PUERTO RICO, FOR WEEKS ENDED JUNE 6, 1959, AND JUNE 4, 1960

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

Area	Poliomyelitis 080										Menin- gitis, aseptic, 340 pt.	Brucel- losis (undu- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	22d week		Cumulative, first 22 weeks		22d week		Cumulative, first 22 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	19	51	335	576	12	36	237	401	6	9	16	10
NEW ENGLAND-----	-	-	10	8	-	-	10	7	-	-	-	-
Maine-----	-	-	5	-	-	-	5	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	5	4	-	-	5	3	-	-	-	-
Rhode Island-----	-	-	-	2	-	-	-	2	-	-	-	-
Connecticut-----	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	-	3	41	38	-	3	29	18	-	-	1	1
New York-----	-	2	33	29	-	2	22	14	-	-	-	-
New Jersey-----	-	1	6	7	-	1	6	3	-	-	1	1
Pennsylvania-----	-	-	2	2	-	-	1	1	-	-	-	-
EAST NORTH CENTRAL-----	1	5	40	50	-	2	13	25	-	2	5	1
Ohio-----	1	2	19	23	-	1	5	9	-	-	1	-
Indiana-----	-	-	-	4	-	-	-	3	-	-	-	-
Illinois-----	-	1	6	4	-	1	4	2	-	-	1	1
Michigan-----	-	2	12	16	-	-	3	8	-	2	2	-
Wisconsin-----	-	-	3	3	-	-	1	3	-	-	1	-
WEST NORTH CENTRAL-----	1	8	17	59	-	5	10	34	1	2	-	1
Minnesota-----	-	1	8	3	-	1	6	2	-	-	-	1
Iowa-----	-	4	4	5	-	4	2	5	-	-	-	-
Missouri-----	-	1	3	32	-	-	2	22	-	1	-	-
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	1	1	3	-	-	-	-	-	-	-	-
Nebraska-----	-	1	-	8	-	-	-	5	-	1	-	-
Kansas-----	1	-	1	7	-	-	-	-	1	-	-	-
SOUTH ATLANTIC-----	1	9	52	123	1	8	40	94	-	1	-	2
Delaware-----	-	-	1	2	-	-	-	2	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	3	-	10	-	3	-	9	-	-	-	2
West Virginia-----	-	1	4	16	-	-	4	11	-	1	-	-
North Carolina-----	1	2	15	9	1	2	15	8	-	-	-	-
South Carolina-----	-	-	3	8	-	-	2	6	-	-	-	-
Georgia-----	-	-	3	4	-	-	2	4	-	-	-	-
Florida-----	-	3	25	74	-	3	17	54	-	-	-	-
EAST SOUTH CENTRAL-----	-	8	13	51	-	6	11	32	-	2	-	2
Kentucky-----	-	-	7	9	-	-	5	7	-	-	-	-
Tennessee-----	-	2	1	17	-	2	1	12	-	-	-	1
Alabama-----	-	2	1	4	-	1	1	1	-	1	-	-
Mississippi-----	-	4	4	21	-	3	4	12	-	1	-	1
WEST SOUTH CENTRAL-----	7	8	44	125	2	5	28	92	5	1	4	1
Arkansas-----	-	1	3	18	-	1	1	18	-	-	-	-
Louisiana-----	4	-	14	17	1	-	10	15	3	-	-	1
Oklahoma-----	-	2	3	8	-	-	3	2	-	-	-	-
Texas-----	3	5	24	82	1	4	14	57	2	1	4	-
MOUNTAIN ² -----	1	5	17	29	1	2	9	18	-	1	-	1
Montana-----	-	1	6	2	-	-	3	-	-	-	-	-
Idaho-----	-	-	2 ⁴	-	-	-	2 ¹	-	-	-	-	-
Wyoming-----	-	-	1	1	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	2	-	-	1	2	-	-	-	-
New Mexico-----	-	2	1	8	-	1	-	3	-	-	-	-
Arizona-----	1	2	3	14	1	1	3	13	-	1	-	1
Utah-----	-	-	1	2	-	-	1	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	8	5	101	93	8	5	87	81	-	-	6	1
Washington-----	-	-	7	5	-	-	7	5	-	-	-	-
Oregon-----	-	1	12	10	-	1	8	8	-	-	-	-
California-----	7	4	77	78	7	4	67	68	-	-	6	1
Alaska-----	-	-	1	-	-	-	1	-	-	-	-	-
Hawaii-----	1	-	4	(4)	1	-	4	(4)	-	-	-	-
Puerto Rico-----	20	-	154	3	20	-	153	3	-	-	-	-

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

²Data exclude report from Idaho for current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 6, 1959, AND JUNE 4, 1960—Continued

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

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	22d week		Cumulative, first 22 weeks		082		22d week		Cumulative, first 22 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	3	9	311	364	37	37	631	276	17,177	10,749	15,433	12,948
NEW ENGLAND-----	-	1	8	5	3	3	15	7	524	351	1,996	836
Maine-----	-	-	2	-	-	-	-	1	35	65	138	139
New Hampshire-----	-	-	-	-	-	-	-	1	18	10	82	34
Vermont-----	-	-	-	-	-	-	-	-	9	17	275	36
Massachusetts-----	-	1	5	5	-	1	3	1	266	153	918	190
Rhode Island-----	-	-	1	-	3	2	10	2	96	39	74	11
Connecticut-----	-	-	-	-	-	-	2	2	100	67	509	426
MIDDLE ATLANTIC-----	-	-	8	34	6	9	64	40	1,773	1,560	1,757	2,786
New York-----	-	-	1	19	4	8	20	24	874	942	1,050	1,055
New Jersey-----	-	-	1	9	-	-	4	3	149	181	414	934
Pennsylvania-----	-	-	6	6	2	1	40	13	750	437	293	797
EAST NORTH CENTRAL-----	-	-	25	19	2	2	100	48	3,297	1,723	5,508	2,008
Ohio-----	-	-	14	6	-	1	49	23	1,078	522	605	418
Indiana-----	-	-	4	2	-	-	5	3	434	179	346	194
Illinois-----	-	-	3	8	-	1	11	12	671	344	916	174
Michigan-----	-	-	3	1	2	-	29	8	961	575	1,293	554
Wisconsin-----	-	-	1	2	-	-	6	2	153	103	2,348	668
WEST NORTH CENTRAL-----	1	-	17	32	1	2	37	23	1,401	866	313	725
Minnesota-----	-	-	5	16	-	-	6	8	143	211	128	215
Iowa-----	-	-	2	2	-	1	3	3	242	81	93	178
Missouri-----	-	-	2	3	-	1	9	8	513	225	36	43
North Dakota-----	-	-	1	1	-	-	7	3	108	185	48	112
South Dakota-----	-	-	5	3	-	-	1	-	114	7	-	163
Nebraska-----	1	-	1	7	-	-	9	1	132	48	8	14
Kansas-----	-	-	1	-	1	-	2	-	149	109	(*)	(*)
SOUTH ATLANTIC-----	-	-	70	79	7	3	87	24	2,046	986	798	1,233
Delaware-----	-	-	-	-	-	-	3	2	111	55	11	30
Maryland-----	-	-	1	1	1	1	5	7	197	252	73	66
District of Columbia-----	-	-	-	-	-	-	1	1	14	11	11	17
Virginia-----	-	-	8	5	1	-	29	3	414	190	317	552
West Virginia-----	-	-	2	1	-	-	12	1	404	201	196	237
North Carolina-----	-	-	2	7	1	1	14	1	151	53	26	65
South Carolina-----	-	-	18	5	-	-	2	-	39	14	51	16
Georgia-----	-	-	15	29	-	-	4	2	151	89	2	3
Florida-----	-	-	24	31	4	1	17	7	565	121	111	247
EAST SOUTH CENTRAL-----	-	1	37	46	2	1	74	13	2,644	1,009	1,272	623
Kentucky-----	-	-	1	4	-	-	35	8	1,080	474	313	86
Tennessee-----	-	1	5	5	-	-	21	3	856	236	680	298
Alabama-----	-	-	19	9	-	-	14	2	531	212	229	208
Mississippi-----	-	-	12	28	2	1	4	-	177	87	50	31
WEST SOUTH CENTRAL-----	1	6	115	133	-	3	78	26	1,422	828	1,229	1,157
Arkansas-----	-	-	2	31	-	-	1	1	65	38	20	158
Louisiana-----	-	-	26	39	-	-	3	1	56	85	6	2
Oklahoma-----	-	-	6	1	-	-	15	1	204	115	107	55
Texas-----	1	6	81	62	-	3	59	23	1,097	590	1,096	942
MOUNTAIN ² -----	1	1	30	10	1	7	54	37	1,426	1,581	740	1,000
Montana-----	-	-	2	-	-	-	3	3	58	154	74	81
Idaho-----	-	-	² 11	-	-	-	-	7	² 180	172	-	41
Wyoming-----	-	-	5	-	-	-	-	-	12	42	2	22
Colorado-----	1	-	3	3	-	7	21	15	493	498	407	239
New Mexico-----	-	1	4	5	-	-	9	2	217	327	-	104
Arizona-----	-	2	1	1	1	-	15	7	312	287	157	229
Utah-----	-	-	3	-	-	-	6	3	135	87	73	284
Nevada-----	-	-	-	1	-	-	-	-	19	14	27	-
PACIFIC-----	-	-	1	6	15	7	122	58	2,644	1,845	1,820	2,580
Washington-----	-	-	-	-	-	-	29	4	312	285	520	851
Oregon-----	-	-	-	1	-	1	14	11	489	376	440	261
California-----	-	-	4	4	15	6	75	43	1,679	1,172	784	1,447
Alaska-----	-	-	1	1	-	-	2	-	118	12	26	21
Hawaii-----	-	-	-	(1)	-	-	2	(1)	46	(26)	50	(73)
Puerto Rico-----	1	-	85	11	-	-	15	1	397	88	28	57

²Data exclude report from Idaho for current week.

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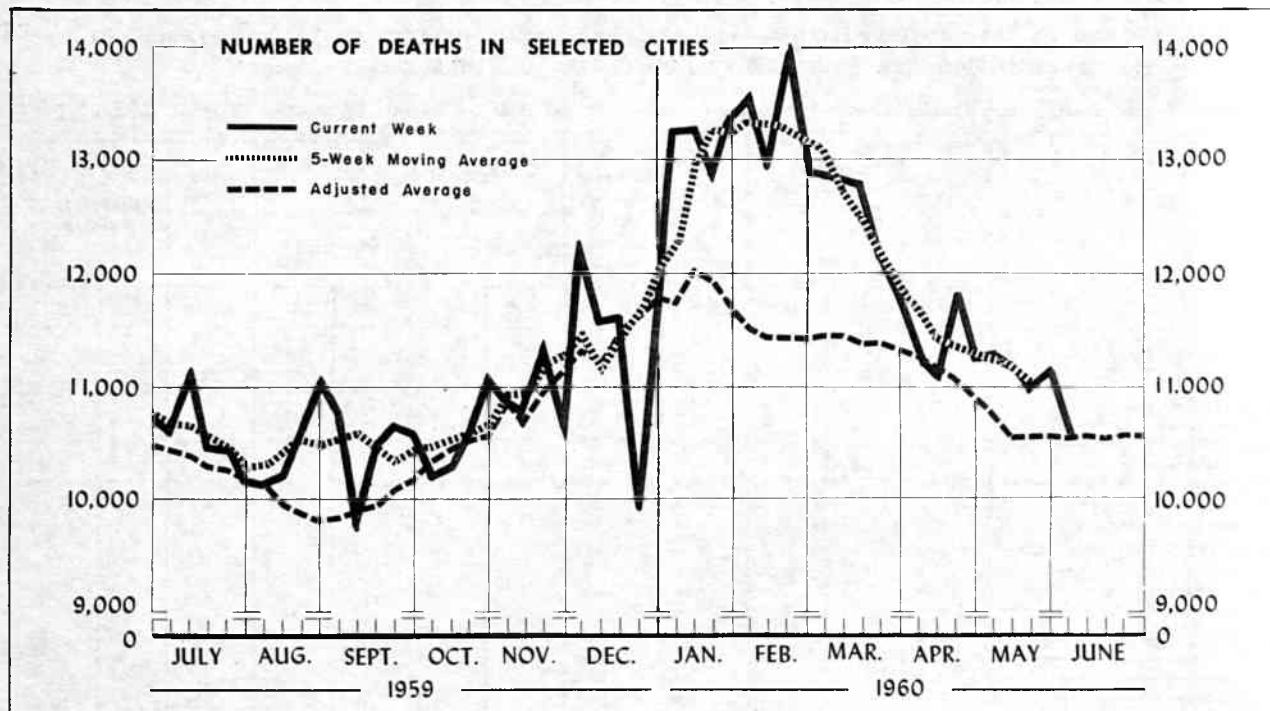
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 6, 1959, AND JUNE 4, 1960—Continued

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

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	22d week		Cumulative, first 22 weeks		101		
	1960	1960	1959	1960	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	-	34	31	2	5,193	10	9	227	231	5	56	91	
NEW ENGLAND-----	-	3	2	1	425	-	-	4	5	-	-	-	
Maine-----	-	-	-	-	11	-	-	1	-	-	-	-	
New Hampshire-----	-	-	-	-	5	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	18	-	-	-	-	-	-	-	
Massachusetts-----	-	2	-	-	220	-	-	2	2	-	-	-	
Rhode Island-----	-	-	1	-	54	-	-	-	1	-	-	-	
Connecticut-----	-	1	1	1	117	-	-	1	2	-	-	-	
MIDDLE ATLANTIC-----	-	9	6	-	299	-	1	11	24	-	14	3	
New York-----	-	7	4	-	96	-	-	9	9	-	14	3	
New Jersey-----	-	1	-	-	68	-	1	-	6	-	-	-	
Pennsylvania-----	-	1	2	-	135	-	-	2	9	-	-	-	
EAST NORTH CENTRAL-----	-	6	10	-	710	-	3	27	28	-	5	13	
Ohio-----	-	2	1	-	235	-	2	3	14	-	-	6	
Indiana-----	-	1	1	-	82	-	-	9	4	-	3	6	
Illinois-----	-	2	5	-	79	-	-	6	4	-	-	1	
Michigan-----	-	1	2	-	143	-	1	5	5	-	-	-	
Wisconsin-----	-	-	1	-	171	-	-	4	1	-	-	-	
WEST NORTH CENTRAL-----	-	1	1	-	153	-	1	13	13	-	10	31	
Minnesota-----	-	-	-	-	13	-	-	1	-	-	-	12	
Iowa-----	-	-	-	-	58	-	-	-	-	-	3	2	
Missouri-----	-	-	1	-	37	-	1	10	8	-	5	1	
North Dakota-----	-	-	-	-	28	-	-	-	1	-	2	1	
South Dakota-----	-	1	-	-	-	-	-	1	1	-	-	14	
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	1	
Kansas-----	-	-	-	-	17	-	-	-	3	-	-	-	
SOUTH ATLANTIC-----	-	5	4	-	310	3	1	29	49	-	11	9	
Delaware-----	-	-	-	-	7	-	-	-	-	-	-	-	
Maryland-----	-	1	-	-	9	-	-	-	-	-	-	-	
District of Columbia-----	-	-	-	-	-	-	-	1	1	-	-	-	
Virginia-----	-	1	-	-	128	1	-	4	12	-	8	5	
West Virginia-----	-	-	-	-	52	-	-	1	2	-	3	-	
North Carolina-----	-	2	2	-	13	-	-	7	5	-	-	2	
South Carolina-----	-	-	-	-	42	-	-	6	4	-	-	1	
Georgia-----	-	-	1	-	-	2	1	4	8	-	-	1	
Florida-----	-	1	1	-	59	-	-	6	17	-	-	-	
EAST SOUTH CENTRAL-----	-	2	2	1	1,036	-	2	40	23	1	4	14	
Kentucky-----	-	-	1	-	105	-	-	11	5	-	2	6	
Tennessee-----	-	1	-	1	872	-	1	20	9	-	1	3	
Alabama-----	-	-	1	-	15	-	1	6	4	1	1	5	
Mississippi-----	-	1	-	-	44	-	-	3	5	-	-	-	
WEST SOUTH CENTRAL-----	-	3	2	-	559	4	-	67	42	4	12	20	
Arkansas-----	-	-	-	-	-	1	-	19	7	-	1	4	
Louisiana-----	-	2	1	-	1	1	-	14	7	-	-	-	
Oklahoma-----	-	1	-	-	8	-	-	5	6	-	-	-	
Texas-----	-	-	1	-	550	2	-	29	22	4	11	16	
MOUNTAIN ² -----	-	-	1	-	904	1	-	17	14	-	1	-	
Montana-----	-	-	-	-	24	-	-	5	1	-	-	-	
Idaho-----	-	-	1	-	-	-	-	2	3	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	1	1	-	-	-	
Colorado-----	-	-	-	-	276	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	-	285	-	-	5	5	-	-	-	
Arizona-----	-	-	-	-	169	1	-	6	4	-	1	-	
Utah-----	-	-	-	-	150	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	-	5	3	-	797	2	1	19	33	-	1	1	
Washington-----	-	-	-	-	180	-	-	1	1	-	-	-	
Oregon-----	-	-	-	-	65	-	-	-	1	-	-	-	
California-----	-	4	3	-	522	2	1	18	30	-	1	1	
Alaska-----	-	1	-	-	25	-	-	-	1	-	-	-	
Hawaii-----	-	-	-	-	5	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	-	-	-	16	2	-	-	2	

²Data exclude report from Idaho for current week.



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For 1954-58, this average is based on data for 114 cities; for 1955-59, on data for 117 cities. The adjusted average is computed as follows: From the total deaths reported each week, 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 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

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 selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	22d week ended June 4, 1960	21st week ended May 28, 1960	Adjusted average, 22d week 1955-59	Percent change ¹	Cumulative, first 22 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 10,579	³ 11,292	10,549	+0.3	⁴ 269,394	258,394	247,802	+8.7
New England----- (14 cities)	² 623	³ 705	683	-8.8	⁴ 16,952	16,328	16,619	+2.0
Middle Atlantic----- (20 cities)	3,020	³ 3,343	3,140	-3.8	74,413	75,229	74,491	-0.1
East North Central----- (21 cities)	2,278	2,401	2,397	-5.0	57,812	55,612	55,921	+3.4
West North Central----- (9 cities)	745	750	758	-1.7	18,747	17,788	17,846	+5.0
South Atlantic----- (11 cities)	² 909	959	903	+0.7	⁴ 23,571	21,827	21,446	+9.9
East South Central----- (8 cities)	2503	591	476	+5.7	⁴ 12,351	11,525	11,426	+8.1
West South Central----- (13 cities)	² 912	899	884	+3.2	⁴ 23,673	21,133	20,587	+15.0
Mountain----- (8 cities)	323	341	277	+16.6	8,326	7,216	6,361	+30.9
Pacific----- (13 cities)	² 1,266	1,303	1,353	-6.4	⁴ 33,549	31,735	31,799	+5.5

¹Data for current week divided by adjusted average data.

²Estimated.

³Revised

⁴Include estimate for current week.

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Table 4. DEATHS IN SELECTED CITIES

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

Area	22d week ended June 4, 1960	21st week ended May 28, 1960	Cumulative, first 22 weeks		Area	22d week ended June 4, 1960	21st week ended May 28, 1960	Cumulative, first 22 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	¹ 217	240	² 5,909	5,585	St. Louis, Mo.-----	210	210	5,813	5,479
Bridgeport, Conn.-----	34	42	980	932	St. Paul, Minn.-----	69	76	1,643	1,490
Cambridge, Mass.-----	28	27	722	639	Wichita, Kans.-----	31	46	1,033	1,055
Fall River, Mass.-----	22	35	682	662	SOUTH ATLANTIC:				
Hartford, Conn.-----	52	³ 43	⁴ 1,079	1,115	Atlanta, Ga.-----	105	148	2,755	2,512
Lowell, Mass.-----	17	38	563	523	Baltimore, Md.-----	223	223	5,979	5,477
Lynn, Mass.-----	17	16	576	538	Charlotte, N.C.-----	41	27	969	827
New Bedford, Mass.-----	23	18	587	533	Jacksonville, Fla.-----	61	65	1,467	1,310
New Haven, Conn.-----	37	34	1,023	1,018	Miami, Fla.-----	¹ 59	84	² 1,728	1,620
Providence, R.I.-----	50	66	1,499	1,534	Norfolk, Va.-----	38	28	981	916
Somerville, Mass.-----	12	13	341	317	Richmond, Va.-----	65	69	1,867	1,741
Springfield, Mass.-----	37	35	1,079	1,029	Savannah, Ga.-----	28	31	861	716
Waterbury, Conn.-----	26	37	639	629	St. Petersburg, Fla.-----	(80)	(62)	(1,742)	(1,536)
Worcester, Mass.-----	51	61	1,273	1,274	Tampa, Fla.-----	79	67	1,585	1,460
					Washington, D.C.-----	177	183	4,488	4,377
					Wilmington, Del.-----	33	34	891	871
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.-----	36	42	1,002	1,289	Birmingham, Ala.-----	81	98	2,003	1,857
Allentown, Pa.-----	37	41	833	818	Chattanooga, Tenn.-----	53	47	1,104	1,036
Buffalo, N.Y.-----	162	160	3,401	3,323	Knoxville, Tenn.-----	40	36	681	622
Camden, N.J.-----	46	36	1,003	927	Louisville, Ky.-----	¹ 93	149	² 2,635	2,534
Elizabeth, N.J.-----	26	23	665	677	Memphis, Tenn.-----	108	112	2,682	2,529
Erie, Pa.-----	37	33	879	850	Mobile, Ala.-----	34	45	989	905
Jersey City, N.J.-----	61	61	1,656	1,752	Montgomery, Ala.-----	37	32	828	730
Newark, N.J.-----	94	106	2,251	2,331	Nashville, Tenn.-----	57	72	1,429	1,313
New York City, N.Y.-----	1,503	1,662	37,732	38,569	WEST SOUTH CENTRAL:				
Paterson, N.J.-----	37	31	897	894	Austin, Tex.-----	20	25	814	690
Philadelphia, Pa.-----	476	592	11,553	11,490	Baton Rouge, La.-----	27	25	685	622
Pittsburgh, Pa.-----	169	³ 215	⁴ 4,481	4,284	Corpus Christi, Tex.-----	23	19	571	457
Reading, Pa.-----	31	22	555	516	Dallas, Tex.-----	98	121	2,909	2,650
Rochester, N.Y.-----	84	88	2,305	2,231	El Paso, Tex.-----	35	42	878	805
Schenectady, N.Y.-----	17	28	548	547	Fort Worth, Tex.-----	55	70	1,571	1,416
Scranton, Pa.-----	45	30	875	920	Houston, Tex.-----	220	125	3,938	3,498
Syracuse, N.Y.-----	64	60	1,443	1,440	Little Rock, Ark.-----	41	46	1,382	1,245
Trenton, N.J.-----	41	56	978	1,007	New Orleans, La.-----	156	172	4,240	3,760
Utica, N.Y.-----	20	29	644	649	Oklahoma City, Okla.-----	77	63	1,754	1,520
Yonkers, N.Y.-----	34	28	712	715	San Antonio, Tex.-----	81	85	2,391	2,209
					Shreveport, La.-----	42	63	1,238	1,135
					Tulsa, Okla.-----	¹ 37	43	² 1,302	1,146
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	47	75	1,297	1,340	Albuquerque, N. Mex.-----	31	25	690	706
Canton, Ohio-----	24	31	815	756	Colorado Springs, Colo.-----	14	11	387	358
Chicago, Ill.-----	726	731	17,761	17,208	Denver, Colo.-----	97	131	2,729	2,648
Cincinnati, Ohio-----	116	159	3,672	3,605	Ogden, Utah-----	13	22	387	358
Cleveland, Ohio-----	187	192	4,947	4,728	Phoenix, Ariz.-----	66	58	1,826	1,185
Columbus, Ohio-----	108	100	2,776	2,544	Pueblo, Colo.-----	17	17	346	295
Dayton, Ohio-----	66	75	1,636	1,529	Salt Lake City, Utah-----	51	46	1,114	1,113
Detroit, Mich.-----	302	308	7,935	7,486	Tucson, Ariz.-----	34	31	847	553
Evansville, Ind.-----	26	35	863	853	PACIFIC:				
Flint, Mich.-----	39	49	925	919	Berkeley, Calif.-----	13	13	393	404
Port Wayne, Ind.-----	38	43	856	809	Fresno, Calif.-----	(36)	(40)	(1,071)	(926)
Gary, Ind.-----	31	33	700	688	Glendale, Calif.-----	(30)	(23)	(888)	(830)
Grand Rapids, Mich.-----	51	40	967	980	Honolulu, Hawaii-----	42	41	950	833
Indianapolis, Ind.-----	143	141	3,408	3,235	Long Beach, Calif.-----	¹ 52	56	² 1,272	1,276
Madison, Wis.-----	34	30	743	648	Los Angeles, Calif.-----	424	423	12,095	11,083
Milwaukee, Wis.-----	121	132	2,884	2,920	Oakland, Calif.-----	90	98	2,222	2,114
Peoria, Ill.-----	25	37	682	671	Pasadena, Calif.-----	34	32	800	700
Rockford, Ill.-----	27	23	653	653	Portland, Ore.-----	80	108	2,483	2,598
South Bend, Ind.-----	20	21	659	588	Sacramento, Calif.-----	46	38	1,313	1,208
Toledo, Ohio-----	88	111	2,338	2,230	San Diego, Calif.-----	75	77	2,111	1,846
Youngstown, Ohio-----	59	35	1,295	1,222	San Francisco, Calif.-----	203	192	4,622	4,502
					San Jose, Calif.-----	(43)	(34)	(753)	(572)
					Seattle, Wash.-----	123	147	3,237	3,090
					Spokane, Wash.-----	52	38	1,062	1,126
					Tacoma, Wash.-----	32	40	989	955
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	62	63	1,288	1,213					
Duluth, Minn.-----	25	22	592	599					
Kansas City, Kans.-----	40	27	798	734					
Kansas City, Mo.-----	114	122	3,012	2,726					
Lincoln, Nebr.-----	---	(34)	(563)	(582)					
Minneapolis, Minn.-----	127	115	2,836	2,820					
Omaha, Nebr.-----	67	69	1,732	1,672					

¹Estimated.

²Includes estimate for current week.

³Revised.

⁴Includes revised report for week ended May 28.

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--	()

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 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 are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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