

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 30, 1960

Ten of the 19 cases of diphtheria reported for the week ended April 30 were reported in Texas; 4 cases, all in one family, were reported in Mississippi. One of these 4 cases resulted in death. The victim had not been vaccinated.

The number of cases of poliomyelitis reported each week continues to be considerably below comparable weekly figures for 1959. For the current week only 8 cases, in 8 States, were reported. Six were classified as paralytic. For the comparable week in 1959 the total was 29 cases; 21 were paralytic.

A chart appears on page 2 showing the reported number of cases of infectious hepatitis in each geographic division for 17 weeks of 1954, 1958, and 1960. The years 1954 and 1958 were selected for comparison with 1960 because 1954 was a year of high incidence and the first part of 1958 was a period of low incidence. Since the latter part of 1958, the number of reported cases began to increase steadily to the present time.

The actual figures for 17 weeks of these 3 years for each division are as follows:

	1954	1958	1960
United States total-----	22,059	5,646	13,250
New England-----	975	202	415
Middle Atlantic-----	4,111	634	1,305
East North Central-----	3,104	1,005	2,624
West North Central-----	3,620	546	1,153
South Atlantic-----	3,847	403	1,554
East South Central-----	1,859	535	2,066
West South Central-----	1,416	455	1,035
Mountain -----	1,003	812	1,105
Pacific-----	2,124	1,054	1,993

Continued on page 2

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	17th week			Cumulative						Approximate seasonal low point
	Ended Apr. 30, 1960 ¹	Ended May 2, 1959	Median 1955-59	First 17 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	-	-	6	5	8	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	2	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	22	9	18	271	236	296	(2)	(2)	(2)	(2)
Diphtheria-----055	19	6	15	273	304	353	841	910	1,126	July 1
Encephalitis, infectious-----082	43	35	35	495	469	450	2,117	2,204	1,776	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	873	398	398	13,250	8,945	8,410	21,680	14,362	14,362	Sept. 1
Malaria-----110-117	1	4	4	16	24	28	(2)	(2)	(2)	(2)
Measles-----085	19,806	15,083	25,371	224,317	234,325	325,307	263,786	285,714	355,076	Sept. 1
Meningitis, aseptic-----340 pt.	33	-	-	484	-	-	-	-	-	-
Meningococcal infections-----057	43	50	52	951	947	1,039	1,615	1,810	2,048	Sept. 1
Poliomyelitis-----080	8	29	37	267	378	680	8,566	85	150	Apr. 1
Paralytic-----080.0,080.1	6	21	21	189	268	339	5,711	60	64	Apr. 1
Nonparalytic-----080.2	2	5	14	47	62	234	2,167	14	68	Apr. 1
Unspecified-----080.3	-	3	5	31	48	107	688	11	18	Apr. 1
Psittacosis-----096.2	1	6	7	49	42	96	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	2	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	7,357	-	-	144,917	-	-	-	-	-	-
Typhoid fever-----040	9	15	27	171	169	336	911	42	75	Apr. 1
Typhus fever, endemic-----101	2	1	1	11	10	23	52	4	4	Apr. 1
Rabies in animals-----	78	95	104	1,419	1,376	1,745	2,468	2,277	2,795	Oct. 1

¹Data exclude report from Montana for the current week.

²Data show no pronounced seasonal change in incidence.

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The Pacific Division and United States total for 1960 include figures for Alaska and Hawaii, but the totals for the other years do not. However, these 2 States account for only 142 cases. The final numbers of cases reported during 1954 and 1958 were 50,093 and 16,294, respectively. The lowest annual figure since 1954 was recorded in 1957 with 14,922 cases.

EPIDEMIOLOGICAL REPORTS

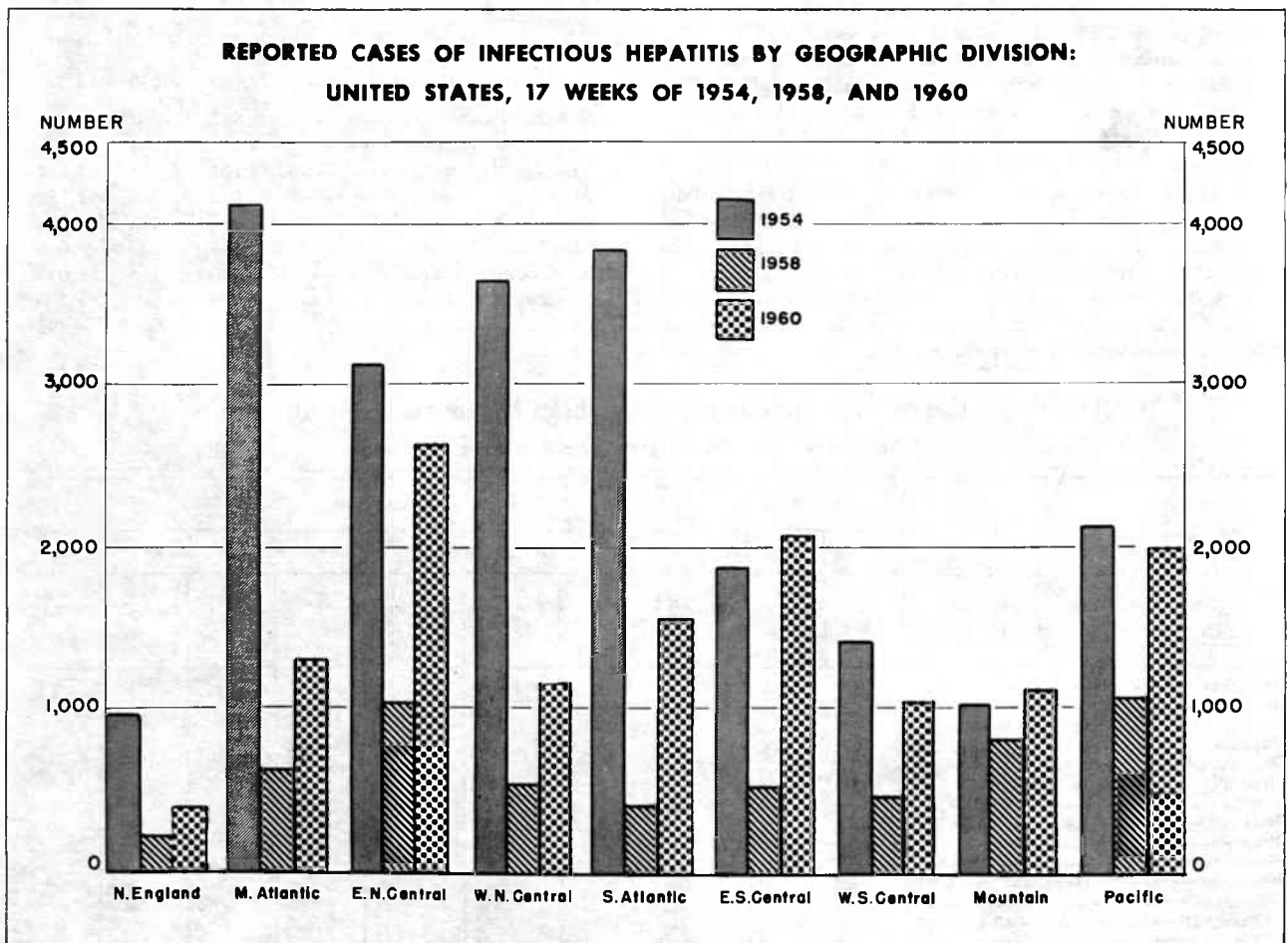
Psittacosis

The California State Department of Public Health supplied information on a case of psittacosis in a 43-year-old woman employed as a poultry inspector at a turkey processing plant. Symptoms consisted of chills, fever to 104° F., intense headache, malaise, nonproductive cough, pallor, and weakness. X-ray findings were consistent with those of a pleuritis in the base of the right lung. Complement-fixation tests made at

about 2-week intervals gave titers of 1:16, 1:64, and 1:32, respectively. No turkeys were tested. The plant is subject to Federal inspection. The women had been exposed to turkeys for several years. Some 12,000 turkeys are processed daily. The plant manager stated that several persons were absent for varieties of colds and "flu" and 4 or 5 persons reported absent because of pneumonia, but no other cases of psittacosis had come to his attention. The State Health Department examined sera from 39 persons from all parts of the plant. No significant titers for psittacosis were found. The mean length of time worked in the plant by these employees was more than 5 years. Nine of these persons owned parakeets.

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 MAY 2, 1959, AND APRIL 30, 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			
	17th week		Cumulative, first 17 weeks		17th week		Cumulative, first 17 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	8	29	267	378	6	21	189	268	2	5	33	22
NEW ENGLAND-----	1	-	8	6	1	-	8	5	-	-	1	-
Maine-----	-	-	4	-	1	-	4	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	4	4	-	-	4	3	-	-	1	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	1	-	38	27	1	-	27	10	-	-	2	-
New York-----	1	-	31	23	1	-	21	9	-	-	1	-
New Jersey-----	-	-	5	2	-	-	5	-	-	-	1	-
Pennsylvania-----	-	-	2	2	-	-	1	1	-	-	-	-
EAST NORTH CENTRAL-----	1	3	32	27	-	-	9	16	1	2	5	2
Ohio-----	-	1	15	13	-	-	3	6	-	-	1	-
Indiana-----	-	-	1	1	-	-	-	1	-	-	3	-
Illinois-----	-	1	4	2	-	-	3	-	-	1	-	2
Michigan-----	1	1	10	9	-	-	3	7	1	1	-	-
Wisconsin-----	-	-	2	2	-	-	-	2	-	-	1	-
WEST NORTH CENTRAL-----	-	2	15	38	-	2	9	21	-	-	-	13
Minnesota-----	-	-	8	-	-	2	6	-	-	-	-	-
Iowa-----	-	-	4	-	-	-	2	-	-	-	-	10
Missouri-----	-	2	2	29	-	2	1	20	-	-	-	-
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	-	1	2	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	3	-	-	-	1	-	-	-	-
Kansas-----	-	-	-	3	-	-	-	-	-	-	-	3
SOUTH ATLANTIC-----	1	10	46	86	1	8	36	65	-	1	5	3
Delaware-----	-	-	1	2	-	-	-	2	-	-	-	-
Maryland-----	-	-	1	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	2	-	3	-	2	-	3	-	-	1	3
West Virginia-----	-	1	3	12	-	-	3	10	-	1	2	-
North Carolina-----	1	1	14	7	1	1	14	6	-	-	-	-
South Carolina-----	-	-	2	7	-	-	2	5	-	-	-	-
Georgia-----	-	-	3	3	-	-	2	3	-	-	-	-
Florida-----	-	6	22	52	-	5	15	36	-	-	2	-
EAST SOUTH CENTRAL-----	-	1	8	32	-	1	7	21	-	-	3	2
Kentucky-----	-	-	6	7	-	-	5	6	-	-	-	-
Tennessee-----	-	1	-	10	-	1	-	6	-	-	-	-
Alabama-----	-	-	1	1	-	-	1	-	-	-	-	2
Mississippi-----	-	-	1	14	-	-	1	9	-	-	3	-
WEST SOUTH CENTRAL-----	3	5	27	78	2	3	19	62	1	2	4	-
Arkansas-----	-	1	3	13	-	1	1	13	-	-	2	-
Louisiana-----	1	1	6	14	1	1	5	12	-	-	-	-
Oklahoma-----	1	-	2	3	1	-	2	2	-	-	-	-
Texas-----	1	3	16	48	-	1	11	35	1	2	2	-
MOUNTAIN ² -----	-	1	14	15	-	-	8	8	-	-	2	2
Montana-----	-	-	2 ⁴	-	-	-	2 ³	-	-	-	-	-
Idaho-----	-	-	4	-	-	-	1	-	-	-	-	-
Wyoming-----	-	-	1	1	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	2	-	-	1	2	-	-	2	-
New Mexico-----	-	1	1	5	-	-	-	1	-	-	-	-
Arizona-----	-	-	2	5	-	-	2	5	-	-	-	-
Utah-----	-	-	1	2	-	-	1	-	-	-	-	2
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	7	79	69	1	7	66	60	-	-	11	-
Washington-----	-	1	6	5	-	1	6	5	-	-	1	-
Oregon-----	-	2	12	5	-	2	8	5	-	-	1	-
California-----	1	4	59	59	1	4	51	50	-	-	9	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	2	(4)	-	-	1	(4)	-	-	-	-
Puerto Rico-----	---	-	³ 67	3	---	-	³ 66	3	---	-	---	---

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

²Data exclude report from Montana for the current week.

³Data 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, AND PUERTO RICO, FOR WEEKS ENDED MAY 2, 1959, AND APRIL 30, 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	
	17th week		Cumulative, first 17 weeks		082		17th week		Cumulative, first 17 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	19	6	273	304	43	35	873	398	13,250	8,945	19,806	15,083
NEW ENGLAND-----	-	-	7	4	-	1	29	13	415	283	2,496	795
Maine-----	-	-	2	-	-	-	1	-	30	50	155	85
New Hampshire-----	-	-	-	-	-	-	4	-	15	8	74	14
Vermont-----	-	-	-	-	-	-	1	2	7	17	188	52
Massachusetts-----	-	-	4	4	-	1	13	7	214	126	1,214	130
Rhode Island-----	-	-	1	-	-	-	5	1	75	27	88	17
Connecticut-----	-	-	-	-	-	-	5	3	74	55	777	497
MIDDLE ATLANTIC-----	-	-	7	22	8	7	78	83	1,305	1,258	2,843	3,013
New York-----	-	-	1	11	6	7	37	49	652	741	2,188	922
New Jersey-----	-	-	1	6	1	-	9	10	111	153	517	1,186
Pennsylvania-----	-	-	5	5	1	-	32	24	542	364	138	905
EAST NORTH CENTRAL-----	-	-	22	17	2	4	195	45	2,624	1,441	5,916	1,713
Ohio-----	-	-	14	5	-	-	69	15	820	432	664	564
Indiana-----	-	-	3	1	-	1	24	5	371	153	635	210
Illinois-----	-	-	2	8	1	1	46	10	550	280	810	169
Michigan-----	-	-	3	1	1	2	54	13	754	491	1,574	326
Wisconsin-----	-	-	-	2	-	-	2	2	129	85	2,233	444
WEST NORTH CENTRAL-----	2	4	15	28	-	-	60	31	1,153	722	310	841
Minnesota-----	1	3	4	13	-	-	5	11	107	168	114	48
Iowa-----	-	-	2	2	-	-	10	2	211	58	45	401
Missouri-----	-	-	2	3	-	-	21	7	421	186	55	189
North Dakota-----	-	1	1	1	-	-	1	4	90	162	85	180
South Dakota-----	1	-	5	2	-	-	-	-	109	7	-	14
Nebraska-----	-	-	-	7	-	-	12	1	104	43	11	9
Kansas-----	-	-	1	-	-	-	11	6	111	98	(*)	(*)
SOUTH ATLANTIC-----	2	1	60	65	6	8	80	19	1,554	865	1,203	1,725
Delaware-----	-	-	-	-	-	-	8	-	78	48	14	23
Maryland-----	-	-	1	-	1	3	6	6	154	220	125	67
District of Columbia-----	-	-	-	-	-	1	-	-	11	10	59	18
Virginia-----	-	-	8	4	2	-	21	9	325	171	326	887
West Virginia-----	-	-	1	1	1	-	7	1	297	191	243	332
North Carolina-----	-	-	4	6	1	1	10	-	111	43	16	130
South Carolina-----	1	-	15	4	-	-	-	1	31	14	154	114
Georgia-----	1	-	10	28	-	-	2	-	129	82	1	-
Florida-----	-	1	21	22	1	3	26	2	418	86	265	154
EAST SOUTH CENTRAL-----	5	-	34	42	5	1	131	37	2,066	860	1,290	733
Kentucky-----	-	-	-	3	1	1	40	12	875	419	406	156
Tennessee-----	-	-	5	4	-	-	41	9	641	197	647	361
Alabama-----	1	-	17	9	3	-	41	13	403	164	75	130
Mississippi-----	4	-	12	26	1	-	9	3	147	80	162	86
WEST SOUTH CENTRAL-----	10	1	98	114	2	2	86	24	1,035	637	2,470	1,916
Arkansas-----	-	-	1	31	-	-	3	5	46	31	116	12
Louisiana-----	-	-	21	37	-	-	3	1	36	48	2	-
Oklahoma-----	-	-	5	1	1	-	14	2	159	97	144	24
Texas-----	10	1	71	45	1	2	66	16	794	461	2,208	1,880
MOUNTAIN ² -----	-	-	29	9	-	1	62	81	1,105	1,384	915	1,508
Montana-----	-	-	22	-	-	-	-	7	244	136	-	78
Idaho-----	-	-	11	-	-	-	8	1	153	154	104	29
Wyoming-----	-	-	5	-	-	-	-	4	8	42	1	1
Colorado-----	-	-	2	3	-	-	26	19	352	412	290	337
New Mexico-----	-	-	4	4	-	1	17	15	190	310	-	143
Arizona-----	-	-	2	1	-	-	7	31	240	240	326	696
Utah-----	-	-	3	-	-	-	3	4	99	76	176	202
Nevada-----	-	-	-	1	-	-	1	-	19	14	18	22
PACIFIC-----	-	-	1	3	20	11	152	65	1,993	1,495	2,363	2,839
Washington-----	-	-	-	-	-	-	24	11	235	240	543	779
Oregon-----	-	-	-	1	-	-	25	8	382	312	571	256
California-----	-	-	-	1	20	11	98	46	1,234	933	1,138	1,781
Alaska-----	-	-	1	1	-	-	5	-	105	10	28	23
Hawaii-----	-	-	-	(1)	-	-	-	-	37	(19)	83	(40)
Puerto Rico-----	---	-	² 67	11	---	-	---	2	³ 330	74	---	106

²Data exclude report from Montana for the current week.³Data 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, AND PUERTO RICO, FOR WEEKS ENDED MAY 2, 1959, AND APRIL 30, 1960—Continued

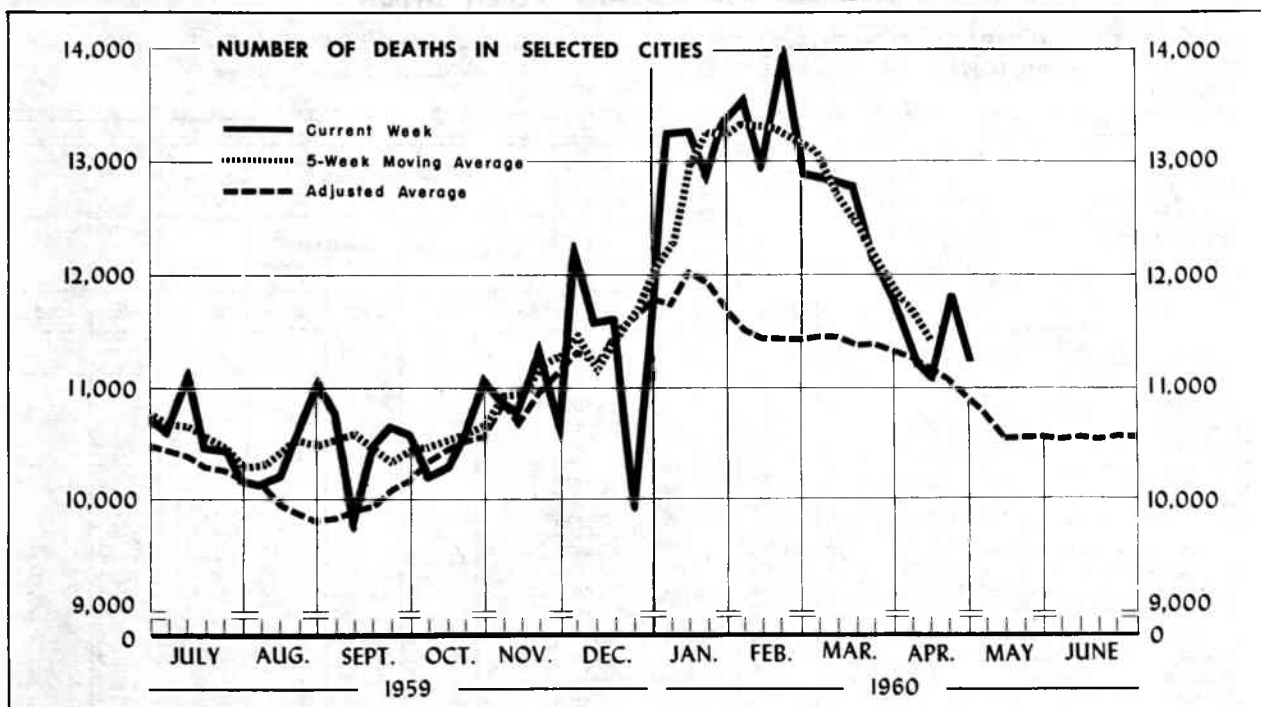
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

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	17th week		Cumulative, first 17 weeks		101	1960	1959
	1960	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959	
UNITED STATES ² -----	1	43	50	1	7,357	9	15	171	169	2	78	95	
NEW ENGLAND-----	-	4	1	-	402	-	-	2	2	-	-	-	
Maine-----	-	-	-	-	21	-	-	-	-	-	-	-	
New Hampshire-----	-	-	-	-	9	-	-	-	-	-	-	-	
Vermont-----	-	1	-	-	3	-	-	-	-	-	-	-	
Massachusetts-----	-	3	1	-	181	-	-	2	-	-	-	-	
Rhode Island-----	-	-	-	-	37	-	-	-	1	-	-	-	
Connecticut-----	-	-	-	-	151	-	-	-	1	-	-	-	
MIDDLE ATLANTIC-----	-	10	11	-	467	-	3	7	19	-	15	1	
New York-----	-	7	4	-	204	-	2	5	7	-	14	1	
New Jersey-----	-	1	4	-	141	-	-	2	5	-	-	-	
Pennsylvania-----	-	2	3	-	122	-	1	2	7	-	1	-	
EAST NORTH CENTRAL-----	-	9	21	1	1,253	2	3	23	18	-	8	14	
Ohio-----	-	1	5	-	339	1	2	2	11	-	3	7	
Indiana-----	-	3	2	-	301	1	1	8	2	-	1	2	
Illinois-----	-	1	8	-	121	-	-	4	1	-	1	-	
Michigan-----	-	4	5	-	249	-	-	5	3	-	3	1	
Wisconsin-----	-	-	1	1	243	-	-	4	1	-	-	4	
WEST NORTH CENTRAL-----	-	4	1	-	206	1	-	10	7	-	11	30	
Minnesota-----	-	1	-	-	15	-	-	1	-	-	3	7	
Iowa-----	-	-	-	-	78	-	-	-	-	-	2	7	
Missouri-----	-	2	-	-	28	1	-	8	4	-	4	1	
North Dakota-----	-	-	-	-	38	-	-	-	1	-	1	1	
South Dakota-----	-	-	-	-	-	-	-	1	-	-	-	13	
Nebraska-----	-	1	1	-	-	-	-	-	-	-	1	1	
Kansas-----	-	1	-	-	47	-	-	-	2	-	-	-	
SOUTH ATLANTIC-----	-	7	5	-	460	1	6	22	43	-	16	14	
Delaware-----	-	-	-	-	6	-	-	-	-	-	-	-	
Maryland-----	-	-	-	-	24	-	-	-	-	-	-	-	
District of Columbia-----	-	-	-	-	-	-	-	1	1	-	-	-	
Virginia-----	-	1	3	-	191	-	1	3	9	-	8	4	
West Virginia-----	-	1	-	-	170	-	-	1	2	-	4	1	
North Carolina-----	-	-	1	-	20	-	-	7	5	-	-	3	
South Carolina-----	-	1	1	-	48	-	1	6	4	-	2	-	
Georgia-----	-	-	-	-	1	-	2	-	6	-	1	5	
Florida-----	-	4	-	-	-	1	2	4	16	-	1	1	
EAST SOUTH CENTRAL-----	-	2	2	-	1,336	2	-	32	14	-	8	19	
Kentucky-----	-	-	-	-	185	-	-	11	2	-	5	6	
Tennessee-----	-	-	1	-	1,102	-	-	17	6	-	3	1	
Alabama-----	-	2	1	-	20	1	-	3	2	-	-	12	
Mississippi-----	-	-	-	-	29	1	-	1	4	-	-	-	
WEST SOUTH CENTRAL-----	-	-	5	-	871	2	1	47	33	2	17	15	
Arkansas-----	-	-	-	-	7	-	-	15	6	-	7	3	
Louisiana-----	-	-	2	-	6	-	-	12	7	-	-	1	
Oklahoma-----	-	-	-	-	16	1	-	3	6	-	-	-	
Texas-----	-	-	3	-	842	1	1	17	14	2	10	11	
MOUNTAIN ² -----	-	-	1	-	1,126	1	1	13	10	-	-	-	
Montana-----	-	-	-	-	-	-	-	25	1	-	-	-	
Idaho-----	-	-	-	-	68	-	-	-	2	-	-	-	
Wyoming-----	-	-	1	-	17	-	-	1	1	-	-	-	
Colorado-----	-	-	-	-	378	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	-	215	-	1	5	2	-	-	-	
Arizona-----	-	-	-	-	180	1	-	2	4	-	-	-	
Utah-----	-	-	-	-	267	-	-	-	-	-	-	-	
Nevada-----	-	-	-	-	1	-	-	-	-	-	-	-	
PACIFIC-----	1	7	3	-	1,236	-	1	15	23	-	3	2	
Washington-----	-	1	-	-	461	-	-	-	1	-	-	-	
Oregon-----	1	1	-	-	119	-	-	-	1	-	-	-	
California-----	-	4	3	-	618	-	1	15	20	-	3	2	
Alaska-----	-	-	-	-	34	-	-	-	1	-	-	-	
Hawaii-----	-	1	-	-	4	-	-	-	-	-	-	-	
Puerto Rico-----	---	---	-	---	---	---	-	³ 14	2	---	---	-	

²Data exclude report from Montana for the current week.

³Data exclude report from Puerto Rico for the current week.

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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	17th week ended Apr. 30, 1960	16th week ended Apr. 23, 1960	Adjusted average, 17th week 1955-59	Percent change ¹	Cumulative, first 17 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 11,231	² 11,826	10,878	+3.2	² 214,115	203,381	194,771	+9.9
New England----- (14 cities)	668	721	729	-8.4	13,548	12,834	13,114	+3.3
Middle Atlantic----- (20 cities)	3,247	3,308	3,300	-1.6	58,621	59,256	58,597	+0.0
East North Central----- (21 cities)	² 2,510	2,616	2,477	+1.3	² 46,046	43,858	43,876	+4.9
West North Central----- (9 cities)	794	² 779	786	+1.0	² 14,855	13,989	14,029	+5.9
South Atlantic----- (11 cities)	906	1,016	933	-2.9	18,858	17,106	16,909	+11.5
East South Central----- (8 cities)	² 445	542	496	-10.3	² 9,854	9,091	9,012	+9.3
West South Central----- (13 cities)	² 887	979	874	+1.5	² 18,900	16,642	16,235	+16.4
Mountain----- (8 cities)	392	380	281	+39.5	6,621	5,652	4,987	+32.8
Pacific----- (13 cities)	1,382	1,485	1,399	-1.2	26,812	24,953	24,962	+7.4

¹Current figure divided by adjusted average.

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	17th week ended Apr. 30, 1960	16th week ended Apr. 23, 1960	Cumulative, first 17 weeks		Area	17th week ended Apr. 30, 1960	16th week ended Apr. 23, 1960	Cumulative, first 17 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	239	240	4,743	4,379	St. Louis, Mo.-----	209	210	4,652	4,362
Bridgeport, Conn.-----	48	39	762	725	St. Paul, Minn.-----	82	45	1,281	1,160
Cambridge, Mass.-----	28	36	587	505	Wichita, Kans.-----	54	45	819	830
Fall River, Mass.-----	18	24	549	516	SOUTH ATLANTIC:				
Hartford, Conn.-----	36	45	856	876	Atlanta, Ga.-----	100	122	2,156	1,987
Lowell, Mass.-----	17	28	438	414	Baltimore, Md.-----	246	265	4,821	4,306
Lynn, Mass.-----	19	24	472	429	Charlotte, N.C.-----	28	30	794	646
New Bedford, Mass.-----	30	36	469	423	Jacksonville, Fla.-----	65	40	1,177	1,030
New Haven, Conn.-----	38	53	823	810	Miami, Fla.-----	60	87	1,368	1,270
Providence, R.I.-----	66	72	1,194	1,222	Norfolk, Va.-----	34	33	801	731
Somerville, Mass.-----	10	19	277	248	Richmond, Va.-----	70	96	1,515	1,354
Springfield, Mass.-----	45	34	874	816	Savannah, Ga.-----	24	29	689	572
Waterbury, Conn.-----	22	33	509	496	St. Petersburg, Fla.-----	(63)	(85)	(1,420)	(1,246)
Worcester, Mass.-----	52	38	995	975	Tampa, Fla.-----	61	64	1,243	1,134
MIDDLE ATLANTIC:					Washington, D.C.-----	178	214	3,571	3,383
Albany, N.Y.-----	58	42	798	1,027	Wilmington, Del.-----	40	36	723	693
Allentown, Pa.-----	38	46	644	672	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	159	147	2,654	2,566	Birmingham, Ala.-----	73	79	1,614	1,457
Camden, N.J.-----	43	29	791	724	Chattanooga, Tenn.-----	45	51	886	845
Elizabeth, N.J.-----	30	30	545	504	Knoxville, Tenn.-----	¹ 31	31	² 555	494
Erie, Pa.-----	51	52	700	651	Louisville, Ky.-----	76	94	2,081	1,989
Jersey City, N.J.-----	67	73	1,293	1,405	Memphis, Tenn.-----	106	138	2,162	1,993
Newark, N.J.-----	115	112	1,821	1,886	Mobile, Ala.-----	37	54	789	698
New York City, N.Y.-----	1,737	1,697	29,760	30,398	Montgomery, Ala.-----	24	15	638	569
Paterson, N.J.-----	40	38	724	704	Nashville, Tenn.-----	53	80	1,129	1,046
Philadelphia, Pa.-----	417	536	8,995	9,094	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	171	176	3,542	3,383	Austin, Tex.-----	18	35	664	534
Reading, Pa.-----	17	29	435	400	Baton Rouge, La.-----	24	26	556	513
Rochester, N.Y.-----	88	96	1,838	1,731	Corpus Christi, Tex.-----	29	31	482	341
Schenectady, N.Y.-----	27	19	429	419	Dallas, Tex.-----	¹ 02	133	² 2,272	2,052
Scranton, Pa.-----	45	37	694	718	El Paso, Tex.-----	23	40	705	640
Syracuse, N.Y.-----	47	51	1,126	1,114	Fort Worth, Tex.-----	61	67	1,232	1,111
Trenton, N.J.-----	51	40	760	779	Houston, Tex.-----	180	130	3,137	2,763
Utica, N.Y.-----	28	26	518	514	Little Rock, Ark.-----	40	45	1,115	1,010
Yonkers, N.Y.-----	18	32	554	567	New Orleans, La.-----	167	175	3,380	2,989
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	65	79	1,394	1,185
Akron, Ohio-----	64	49	1,022	1,053	San Antonio, Tex.-----	93	115	1,933	1,722
Canton, Ohio-----	40	38	672	590	Shreveport, La.-----	47	54	958	879
Chicago, Ill.-----	774	866	14,166	13,622	Tulsa, Okla.-----	38	49	1,072	903
Cincinnati, Ohio-----	150	158	2,968	2,862	MOUNTAIN:				
Cleveland, Ohio-----	¹ 201	192	² 3,939	3,661	Albuquerque, N. Mex.-----	25	34	553	551
Columbus, Ohio-----	136	128	2,229	2,025	Colorado Springs, Colo.--	28	21	320	294
Dayton, Ohio-----	¹ 69	63	² 1,295	1,181	Denver, Colo.-----	150	113	2,211	2,046
Detroit, Mich.-----	366	320	6,349	5,871	Ogden, Utah-----	20	8	309	279
Evansville, Ind.-----	40	41	700	686	Phoenix, Ariz.-----	93	97	1,439	960
Flint, Mich.-----	¹ 35	44	² 704	724	Pueblo, Colo.-----	16	15	265	229
Fort Wayne, Ind.-----	29	38	668	655	Salt Lake City, Utah-----	34	52	872	858
Gary, Ind.-----	32	46	555	552	Tucson, Ariz.-----	26	40	652	435
Grand Rapids, Mich.-----	46	31	749	757	PACIFIC:				
Indianapolis, Ind.-----	136	160	2,682	2,573	Berkeley, Calif.-----	11	16	312	323
Madison, Wis.-----	38	35	574	497	Fresno, Calif.-----	(40)	(45)	(864)	(720)
Milwaukee, Wis.-----	112	139	2,262	2,343	Glendale, Calif.-----	(48)	(34)	(728)	(669)
Peoria, Ill.-----	26	25	538	545	Honolulu, Hawaii-----	44	50	752	637
Rockford, Ill.-----	31	33	514	490	Long Beach, Calif.-----	54	56	996	993
South Bend, Ind.-----	29	30	528	468	Los Angeles, Calif.-----	487	509	9,760	8,712
Toledo, Ohio-----	98	94	1,870	1,740	Oakland, Calif.-----	71	119	1,769	1,672
Youngstown, Ohio-----	58	66	1,042	963	Pasadena, Calif.-----	27	39	646	556
WEST NORTH CENTRAL:					Portland, Oreg.-----	94	157	1,982	2,034
Des Moines, Iowa-----	53	48	1,003	971	Sacramento, Calif.-----	55	49	1,077	941
Duluth, Minn.-----	19	21	452	458	San Diego, Calif.-----	115	73	1,710	1,468
Kansas City, Kans.-----	25	¹ 33	³ 531	566	San Francisco, Calif.-----	202	169	3,630	3,506
Kansas City, Mo.-----	136	154	2,391	2,141	San Jose, Calif.-----	(33)	(55)	(550)	(449)
Lincoln, Nebr.-----	(28)	(17)	(448)	(450)	Seattle, Wash.-----	138	161	2,541	2,446
Minneapolis, Minn.-----	141	151	2,242	2,226	Spokane, Wash.-----	44	49	844	899
Omaha, Nebr.-----	75	72	1,384	1,275	Tacoma, Wash.-----	40	38	793	766

¹Estimated.

²Includes estimate for current week.

³Includes estimate for previous 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--	()

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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.