

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 February 6, 1960

A low number of cases of poliomyelitis (11) were reported. Of these only 4 were classified as paralytic. A total of 755 cases of hepatitis were reported. Since the second week of the year the weekly figures have exceeded 700 cases.

The report from Puerto Rico for the current week included a number of delayed reports of cases of poliomyelitis, diphtheria, and infectious hepatitis.

number of deaths from influenza and pneumonia in the large cities in these areas of the 2 States. Respiratory illnesses are reported to be subsiding in Alabama, Massachusetts, and parts of West Virginia and to have shown no increase in Maryland. Incidence has continued to be at a relatively high level in the northern part of Texas, and to be rising in a few areas, including Mississippi. In 3 other areas there has been a greater incidence of respiratory infections in young adults than in children of school age as shown by an increase in absenteeism in employee groups and none in schools. In still another area where incidence has returned to normal, illnesses seemed to be more common in young adults. The type of influenza continues to be exclusively the A2 variety. Twenty-two States have reported isolations of type A2 virus from one or more cases, and influenza A infections have been identified by serologic tests

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EPIDEMIOLOGICAL REPORTS

Influenza

The reports of influenza and influenza-like illnesses from various parts of the country indicate no substantial change in the general pattern of localized epidemics. There is evidence that these infections are subsiding in the southern parts of California and Texas and this is borne out by a decreasing

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	5th Week			Cumulative						Approximate seasonal low point
	Ended Feb. 6, 1960 ¹	Ended Feb. 7, 1959	Median 1955-59	First 5 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	13	15	18	71	59	69	(2)	(2)	(2)	(2)
Diphtheria-----055	24	23	24	115	127	127	683	740	893	July 1
Encephalitis, infectious-----082	28	21	21	140	123	103	1,762	1,864	1,455	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	755	643	598	3,592	2,617	2,519	12,022	8,034	8,034	Sept. 1
Malaria-----110-117	-	2	2	5	10	10	(2)	(2)	(2)	(2)
Measles-----085	9,729	10,786	13,195	41,352	46,331	51,695	80,821	97,720	97,720	Sept. 1
Meningitis, aseptic-----340 pt.	26	-	-	157	-	-	-	-	-	-
Meningococcal infections-----057	60	38	62	278	261	297	942	1,124	1,306	Sept. 1
Poliomyelitis-----080	11	26	49	132	113	251	8,431	5,955	14,628	Apr. 1
Paralytic-----080.0,080.1	4	18	29	89	81	144	5,611	3,100	6,286	Apr. 1
Nonparalytic-----080.2	2	3	13	24	14	65	2,144	1,969	5,680	Apr. 1
Unspecified-----080.3	5	5	7	19	18	42	676	886	2,662	Apr. 1
Psittacosis-----096.2	5	-	4	18	8	16	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	9,322	-	-	41,773	-	-	-	-	-	-
Typhoid fever-----040	8	11	22	41	60	102	781	959	1,562	Apr. 1
Typhus fever, endemic-----101	-	-	1	3	1	3	44	65	105	Apr. 1
Rabies in animals-----	81	76	100	375	396	481	1,424	1,297	1,531	Oct. 1

¹Data exclude reports from Montana and South Dakota for the current week.

²Data show no pronounced seasonal change in incidence.

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EPIDEMIOLOGICAL REPORTS--Continued

(C F) in 2 additional States. Only 1 isolation of type B influenza virus has been reported but with no evidence of increased incidence of disease.

The Division of Preventive Medicine, OSG, Department of the Army, has been notified that type A2 virus has been isolated from throat washings taken from personnel at Fort Carson, Colorado, on January 23. Five throat washings yielded strains of a myxovirus and 2 of type A2 influenza virus. Some increase in respiratory infections has been observed at Fort Carson. Fort Leonard Wood, Missouri, has reported the largest increase in respiratory illnesses of any installation in the United States. Type A2 virus was found at this base in January. A strain of myxovirus has been isolated at Fitzsimmons Hospital in Denver. The Division of Preventive Medicine, OSG, Department of the Air Force, has been notified of the occurrence of 82 cases of influenza-like illnesses at Carswell Air Force Base, Fort Worth, Texas, since February 1. Specimens for laboratory examination are being obtained.

The World Health Organization states that acute respiratory infections have increased during the last few weeks in countries of the northern hemisphere. A certain number of sporadic cases and foci have appeared in schools, hospitals, prisons, military establishments, etc., which apparently are due to type A2 virus (Italy, Switzerland, Federal Republic of Germany, Denmark, The Netherlands, and France). Type B virus infections have been confirmed in Italy and Finland. The disease has not been as widespread as it was in 1957-58. In France the disease has not been as prevalent in Paris as in other areas. A few cases of hemorrhagic influenza have been reported in the Yonne district. A strain of type A2 virus has been isolated from a fatal case of virus pneumonia in the Hague. Localized outbreaks of respiratory disease are being reported in Sweden, and cases notified as influenza increased sharply in Switzerland during the middle of January. The British Ministry of Health as of January 30 states that there was no evidence that influenza was prevalent in England and Wales and that there had been no laboratory isolations of either type A or B influenza virus.

Mortality from all causes for specified cities was higher than expected for the fifth consecutive week. The figure reported this week was slightly more than that for last week and the highest so far this year. There were only two geographic divisions for which the reports for the current week were not significantly higher than expected--Middle Atlantic and East South Central.

The total number of deaths from influenza and pneumonia reported by the large cities in the United States for the week ended February 6 is 990 or 6.4 percent in excess of the number for the previous week. The totals for the first 5 weeks of 1960 and the corresponding weeks of 1958 and 1959 are:

Week ended--	1960	1959	1958
Total-----	4,033	2,798	3,357
January 9-----	645	613	549
January 16-----	689	585	660
January 23-----	779	568	676
January 30-----	930	532	703
February 6-----	990	500	769

These figures as well as those for all causes indicate that the current epidemics are having a considerable impact on mortality in spite of the fact that most of them have been described as localized. They also confirm the impressions gained earlier in certain areas that pneumonias were being more commonly encountered.

A substantial decrease in number of deaths from influenza and pneumonia was reported for the California cities for the week ended February 6. Los Angeles reported 83 as compared with 107 for the previous week. On the other hand, the Texas cities showed an increase from 56 to 84. The larger numbers reported by Dallas, Houston, and El Paso accounted for nearly all this increase. Some other cities that reported larger numbers for the week ended February 6 than for the previous week (figures shown in parentheses) are: Boston 43 (25); Cleveland 29 (14); Washington, D.C. 24 (15); Atlanta 17 (9); and Denver 22 (10).

Diarrhea of the newborn

Dr. William E. Long, District of Columbia Department of Public Health, reported the occurrence of 16 cases of diarrhea in a nursery for the newborn over a 4-week period. Shigella organisms were isolated from stool specimens of 2 of the babies. The other 14 cases were considered to be of viral origin. Two of the cases ended in death. One was a baby weighing 2 lb. 1 oz. at birth who developed diarrhea 27 days after birth and died 3 weeks later with a diagnosis of shigellosis. The other victim was an infant weighing under 5 lb. at birth who began to have a few loose stools 5 days after birth. Several days later the child was discharged from the hospital, then was returned in a dehydrated and moribund condition and died at age 12 days. All of the other cases have recovered and no new cases had developed during the week prior to the report.

Rabies in animals

The Arkansas Animal Morbidity Report for December 1959 stated that 283 cases of rabies in animals were reported in that State during 1959, more than double the 137 cases in 1958. During 1959, there were 132 cases in foxes, 101 in dogs, and 37 in cattle. The cases occurred in various areas of the State including many counties which had been clear of rabies during 1958. The report stated that recently a suspect rabid fox entered a schoolyard during a recess period and attempted to attack the children there until killed by the teacher. The fox's brain was damaged and no laboratory tests were done. On the same day and in the same community a fox attacked a 7-year-old girl walking along a road. An older sister heard the child's cries and shot the fox. This fox was proven rabid. In another county a fox was observed chasing a big hound along a rural road. This fox also was shot and found to be rabid.

A report from the Iowa State Department of Health states that of 200 confirmed cases of rabies in animals in Iowa in 1959, 101 were in skunks, 55 in cattle, 19 in dogs, and 18 in cats.

Epidemic neuromyasthenia

The Mississippi Morbidity Report for the week ended January 22 states that surveillance reports in that State indicate an outbreak of epidemic neuromyasthenia became evident in the central delta area about mid-December. First reports were from Washington County. Cases then appeared in adjoining counties as well as among contacts going to more distant areas.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 7, 1959, AND FEBRUARY 6, 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 (undul- ant fever) 044 1960
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	5th week		Cumulative, first 5 weeks		5th week		Cumulative, first 5 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	11	26	132	113	4	18	89	81	2	3	26	13
NEW ENGLAND-----	-	-	5	2	-	-	5	2	-	-	1	-
Maine-----	-	-	1	-	-	-	1	-	-	-	1	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	4	1	-	-	4	1	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	5	3	32	10	3	-	21	1	-	-	2	1
New York-----	4	1	21	6	2	-	13	-	-	-	1	-
New Jersey-----	-	2	1	2	-	-	1	-	-	-	1	-
Pennsylvania-----	1	-	10	2	1	-	7	1	-	-	-	1
EAST NORTH CENTRAL-----	1	4	12	8	-	4	2	7	-	-	3	1
Ohio-----	1	1	11	2	-	1	2	1	-	-	-	-
Indiana-----	-	-	-	-	-	-	-	-	-	-	1	-
Illinois-----	-	-	-	-	-	-	-	-	-	-	2	1
Michigan-----	-	3	-	6	-	3	-	6	-	-	-	-
Wisconsin-----	-	-	1	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL ² -----	1	-	4	13	-	-	3	9	-	-	-	8
Minnesota-----	-	-	3	-	-	-	3	-	-	-	-	-
Iowa-----	1	-	1	-	-	-	-	-	-	-	-	5
Missouri-----	-	-	-	10	-	-	-	8	-	-	-	1
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	2	1	-	-	2	-	-	-	-	-
Nebraska-----	-	-	-	1	-	-	-	1	-	-	-	-
Kansas-----	-	-	-	1	-	-	-	-	-	-	-	2
SOUTH ATLANTIC-----	-	4	31	22	-	2	23	14	-	-	8	1
Delaware-----	-	-	1	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	1	-	-	-	1	-	-	1	-
West Virginia-----	-	-	3	3	-	-	3	3	-	-	-	-
North Carolina-----	-	-	11	1	-	-	11	1	-	-	-	-
South Carolina-----	-	2	1	2	-	1	1	1	-	-	-	-
Georgia-----	-	-	1	1	-	-	1	1	-	-	-	-
Florida-----	-	2	14	14	-	1	7	7	-	-	7	1
EAST SOUTH CENTRAL-----	-	4	3	12	-	3	2	9	-	1	5	2
Kentucky-----	-	1	3	3	-	-	2	2	-	1	2	1
Tennessee-----	-	2	-	2	-	2	-	2	-	-	-	-
Alabama-----	-	-	-	1	-	-	-	-	-	-	-	-
Mississippi-----	-	1	-	6	-	1	-	5	-	-	3	1
WEST SOUTH CENTRAL-----	3	5	9	24	1	4	5	20	2	1	-	-
Arkansas-----	1	1	2	7	-	1	-	7	1	-	-	-
Louisiana-----	1	1	3	1	-	1	2	1	1	-	-	-
Oklahoma-----	-	-	-	2	-	-	-	2	-	-	-	-
Texas-----	1	3	4	14	1	2	3	10	-	1	-	-
MOUNTAIN ² -----	1	-	5	4	-	-	3	3	-	-	-	-
Montana-----	-	-	2	-	-	-	2	-	-	-	-	-
Idaho-----	1	-	1	-	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico-----	-	-	-	2	-	-	-	1	-	-	-	-
Arizona-----	-	-	-	2	-	-	-	2	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	6	31	18	-	5	25	16	-	1	7	-
Washington-----	-	-	1	-	-	-	1	-	-	-	1	-
Oregon-----	-	-	7	1	-	-	3	1	-	-	1	-
California-----	-	6	22	17	-	5	20	15	-	1	5	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	1	(3)	-	-	1	(3)	-	-	-	-
Puerto Rico-----	6	-	8	1	6	-	8	1	-	-	-	-

¹Includes cases not specified by type, category number 080.3.
²Data exclude reports from South Dakota and Montana 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 FEBRUARY 7, 1959, AND FEBRUARY 6, 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	
	5th week		Cumulative, first 5 weeks		082		5th week		Cumulative, first 5 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	24	23	115	127	28	21	755	643	3,592	2,617	9,729	10,786
NEW ENGLAND-----	-	-	1	1	5	1	23	22	133	90	680	1,028
Maine-----	-	-	-	-	-	-	1	3	12	20	98	59
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	15	30
Vermont-----	-	-	-	-	-	-	-	2	4	8	8	53
Massachusetts-----	-	-	-	1	-	1	9	9	72	34	417	140
Rhode Island-----	-	-	1	-	4	-	6	4	22	10	1	2
Connecticut-----	-	-	-	-	1	-	7	4	23	18	141	744
MIDDLE ATLANTIC-----	1	-	5	3	8	3	62	76	323	338	1,059	2,584
New York-----	-	-	1	2	7	3	34	48	151	198	889	363
New Jersey-----	-	-	-	-	-	-	4	3	21	55	105	1,064
Pennsylvania-----	1	-	4	1	1	-	24	25	151	85	65	1,157
EAST NORTH CENTRAL-----	1	-	11	9	1	5	160	99	628	391	2,131	1,576
Ohio-----	1	-	8	2	-	1	51	36	154	148	229	294
Indiana-----	-	-	1	-	-	-	26	5	84	37	191	174
Illinois-----	-	-	1	6	1	-	29	24	148	66	639	208
Michigan-----	-	-	1	-	-	4	46	31	193	122	658	409
Wisconsin-----	-	-	-	1	-	-	8	3	49	18	414	291
WEST NORTH CENTRAL ² -----	-	1	8	2	1	-	60	48	303	259	357	1,133
Minnesota-----	-	1	2	1	-	-	5	9	35	49	220	34
Iowa-----	-	-	1	1	-	-	9	2	62	25	33	772
Missouri-----	-	-	1	-	1	-	12	5	83	60	4	132
North Dakota-----	-	-	1	-	-	-	16	12	47	63	96	152
South Dakota-----	-	-	2	-	-	-	-	-	222	2	-	8
Nebraska-----	-	-	-	-	-	-	11	5	28	18	4	35
Kansas-----	-	-	1	-	-	-	7	15	26	42	(*)	(*)
SOUTH ATLANTIC-----	5	4	29	25	1	1	90	84	385	284	507	830
Delaware-----	-	-	-	-	-	-	2	4	15	16	5	20
Maryland-----	-	-	-	-	-	-	2	19	36	95	71	57
District of Columbia-----	-	-	-	-	1	-	1	1	3	5	51	4
Virginia-----	-	1	5	3	-	1	40	18	116	42	263	278
West Virginia-----	-	-	1	-	-	-	22	30	97	74	49	198
North Carolina-----	-	1	1	5	-	-	3	3	18	28	20	126
South Carolina-----	2	1	12	4	-	-	3	1	9	6	2	44
Georgia-----	1	-	2	7	-	-	4	2	26	6	1	35
Florida-----	2	1	8	6	-	-	13	6	65	12	45	68
EAST SOUTH CENTRAL-----	4	4	12	26	-	2	122	50	705	208	992	573
Kentucky-----	-	-	-	1	-	-	56	28	328	123	479	155
Tennessee-----	-	-	1	3	-	-	33	5	219	30	413	299
Alabama-----	-	-	6	6	-	1	26	14	124	39	22	106
Mississippi-----	4	4	5	16	-	1	7	3	34	16	78	13
WEST SOUTH CENTRAL-----	9	12	29	52	1	2	62	42	271	140	1,794	805
Arkansas-----	-	-	16	-	-	-	6	1	18	13	91	11
Louisiana-----	2	10	7	21	-	-	5	7	15	9	14	-
Oklahoma-----	1	-	4	-	1	-	12	11	42	21	27	14
Texas-----	6	2	18	15	-	2	39	23	196	97	1,662	780
MOUNTAIN ² -----	4	2	19	7	1	1	59	109	363	447	628	905
Montana-----	-	-	2	-	-	-	-	11	29	40	-	277
Idaho-----	-	-	11	-	-	-	6	9	51	67	202	23
Wyoming-----	1	-	4	-	-	-	-	1	2	29	109	15
Colorado-----	2	-	2	2	-	-	16	33	103	131	79	271
New Mexico-----	1	1	1	4	-	-	13	41	76	95	-	33
Arizona-----	-	-	-	-	1	-	17	11	76	65	69	185
Utah-----	-	-	1	-	-	1	7	3	40	19	169	101
Nevada-----	-	1	-	1	-	-	-	-	6	1	-	-
PACIFIC-----	-	-	1	2	10	6	117	113	481	460	1,581	1,552
Washington-----	-	-	-	-	1	-	15	20	48	75	384	393
Oregon-----	-	-	-	1	-	1	24	22	99	92	216	277
California-----	-	-	-	1	9	5	74	71	309	290	360	820
Alaska-----	-	-	1	-	-	-	-	-	14	3	-	62
Hawaii-----	-	-	-	-	-	-	4	(4)	11	(10)	621	(24)
Puerto Rico-----	12	-	23	4	-	-	63	1	87	12	16	65

²Data exclude reports from South Dakota and Montana for the current week.

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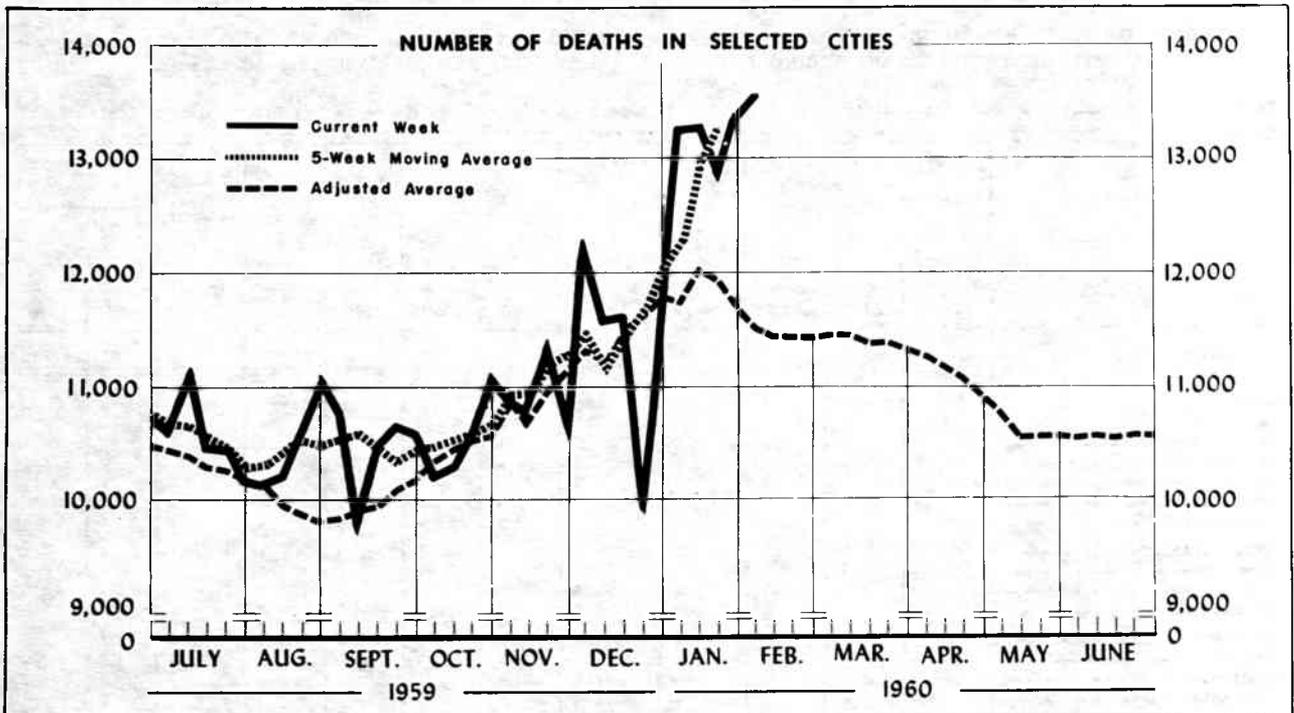
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 7, 1959, AND FEBRUARY 6, 1960—Continued

(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	5th week		Cumulative, first 5 weeks		101	1960	1959
	1960	1960	1959	1960	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	-	60	38	5	9,322	8	11	41	60	-	81	76	
NEW ENGLAND-----	-	6	2	-	493	-	-	2	-	-	-	-	
Maine-----	-	2	1	-	15	-	-	-	-	-	-	-	
New Hampshire-----	-	-	-	-	5	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	18	-	-	-	-	-	-	-	
Massachusetts-----	-	-	-	-	200	-	-	1	-	-	-	-	
Rhode Island-----	-	4	-	-	50	-	-	1	-	-	-	-	
Connecticut-----	-	-	1	-	205	-	-	-	-	-	-	-	
MIDDLE ATLANTIC-----	-	9	10	2	527	1	1	3	7	-	5	2	
New York-----	-	5	-	-	248	1	1	1	4	-	5	1	
New Jersey-----	-	1	2	-	107	-	-	-	1	-	-	-	
Pennsylvania-----	-	3	8	2	172	-	-	2	2	-	-	1	
EAST NORTH CENTRAL-----	-	10	6	1	1,158	1	1	3	4	-	23	9	
Ohio-----	-	5	2	-	233	-	-	-	3	-	12	-	
Indiana-----	-	-	1	-	276	-	1	1	1	-	4	3	
Illinois-----	-	-	1	-	138	-	-	-	-	-	7	1	
Michigan-----	-	5	1	-	326	1	-	2	-	-	-	3	
Wisconsin-----	-	-	1	1	185	-	-	-	-	-	-	2	
WEST NORTH CENTRAL ² -----	-	1	2	-	261	1	1	6	4	-	12	23	
Minnesota-----	-	1	-	-	34	-	-	-	-	-	2	4	
Iowa-----	-	-	-	-	78	-	-	-	-	-	1	5	
Missouri-----	-	-	1	-	19	1	1	6	2	-	6	4	
North Dakota-----	-	-	-	-	130	-	-	-	1	-	2	1	
South Dakota-----	-	-	-	-	-	-	-	2	-	-	-	8	
Nebraska-----	-	-	-	-	-	-	-	-	-	-	1	-	
Kansas-----	-	-	1	-	-	-	-	-	1	-	-	1	
SOUTH ATLANTIC-----	-	6	9	-	292	2	3	6	14	-	6	13	
Delaware-----	-	-	1	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	2	-	43	-	-	-	-	-	-	-	
District of Columbia-----	-	-	-	-	3	-	-	-	-	-	-	-	
Virginia-----	-	3	3	-	125	2	-	3	1	-	4	-	
West Virginia-----	-	-	-	-	-	-	-	-	1	-	1	2	
North Carolina-----	-	2	2	-	29	-	1	3	4	-	-	-	
South Carolina-----	-	-	1	-	89	-	-	-	1	-	-	3	
Georgia-----	-	1	-	-	3	-	-	-	1	-	1	6	
Florida-----	-	-	-	-	-	-	2	-	6	-	-	2	
EAST SOUTH CENTRAL-----	-	6	4	1	1,633	1	1	10	6	-	11	13	
Kentucky-----	-	-	-	1	261	-	-	3	1	-	2	3	
Tennessee-----	-	3	-	-	1,294	1	1	5	2	-	7	1	
Alabama-----	-	3	1	-	25	-	-	2	2	-	1	9	
Mississippi-----	-	-	3	-	53	-	-	-	1	-	1	-	
WEST SOUTH CENTRAL-----	-	8	4	-	1,460	1	1	4	11	-	22	16	
Arkansas-----	-	-	1	-	22	-	-	1	2	-	11	8	
Louisiana-----	-	5	1	-	6	-	-	-	3	-	-	1	
Oklahoma-----	-	2	1	-	11	1	-	1	3	-	-	-	
Texas-----	-	1	1	-	1,421	-	1	2	3	-	11	7	
MOUNTAIN ² -----	-	1	1	-	2,193	1	-	5	5	-	-	-	
Montana-----	-	-	-	-	-	-	-	2	1	-	-	-	
Idaho-----	-	-	-	-	101	-	-	-	1	-	-	-	
Wyoming-----	-	-	-	-	32	-	-	-	1	-	-	-	
Colorado-----	-	-	-	-	1,213	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	-	280	1	-	2	1	-	-	-	
Arizona-----	-	-	-	-	269	-	-	-	1	-	-	-	
Utah-----	-	1	-	-	293	-	-	-	-	-	-	-	
Nevada-----	-	-	1	-	5	-	-	-	-	-	-	-	
PACIFIC-----	-	13	-	1	1,305	-	3	2	9	-	2	-	
Washington-----	-	-	-	-	470	-	-	-	-	-	-	-	
Oregon-----	-	3	-	-	46	-	-	-	-	-	-	-	
California-----	-	10	-	1	789	-	3	2	9	-	2	-	
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	1	-	-	2	1	-	6	-	-	-	-	

²Data exclude reports from South Dakota and Montana 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	5th week ended Feb. 6, 1960	4th week ended Jan. 30, 1960	Adjusted average, 5th week 1955-59	Percent change ¹	Cumulative, first 5 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 13,505	13,397	11,544	+17.0	² 66,375	62,870	58,988	+12.5
New England----- (14 cities)	899	854	771	+16.6	4,168	3,919	3,978	+4.8
Middle Atlantic----- (20 cities)	² 3,488	3,569	3,487	+0.0	² 17,691	18,030	17,683	+0.0
East North Central----- (21 cities)	2,935	3,029	2,620	+12.0	14,754	13,539	13,278	+11.1
West North Central----- (9 cities)	986	907	839	+17.5	4,513	4,395	4,216	+7.0
South Atlantic----- (11 cities)	1,178	1,170	1,012	+16.4	5,620	5,390	5,232	+7.4
East South Central----- (8 cities)	² 576	527	544	+5.9	² 2,972	2,917	2,775	+7.1
West South Central----- (13 cities)	1,225	1,205	963	+27.2	5,889	5,251	4,943	+19.1
Mountain----- (8 cities)	² 432	361	293	+47.4	² 1,984	1,706	1,505	+31.8
Pacific----- (13 cities)	1,786	1,775	1,466	+21.8	8,784	7,723	7,492	+17.2

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	5th week ended Feb. 6, 1960	4th week ended Jan. 30, 1960	Cumulative, first 5 weeks		Area	5th week ended Feb. 6, 1960	4th week ended Jan. 30, 1960	Cumulative, first 5 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	341	290	1,419	1,309	St. Louis, Mo.-----	297	278	1,428	1,387
Bridgeport, Conn.-----	44	40	219	219	St. Paul, Minn.-----	105	69	432	350
Cambridge, Mass.-----	28	41	181	158	Wichita, Kans.-----	62	64	262	274
Fall River, Mass.-----	34	38	160	161	SOUTH ATLANTIC:				
Hartford, Conn.-----	67	61	267	272	Atlanta, Ga.-----	136	142	644	609
Lowell, Mass.-----	25	38	129	124	Baltimore, Md.-----	314	302	1,429	1,285
Lynn, Mass.-----	31	31	142	126	Charlotte, N.C.-----	52	39	223	199
New Bedford, Mass.-----	22	29	168	127	Jacksonville, Fla.-----	79	74	346	348
New Haven, Conn.-----	67	61	284	259	Miami, Fla.-----	102	113	450	407
Providence, R.I.-----	80	83	370	387	Norfolk, Va.-----	44	39	266	258
Somerville, Mass.-----	17	18	87	89	Richmond, Va.-----	84	91	435	407
Springfield, Mass.-----	51	41	280	240	Savannah, Ga.-----	33	37	201	206
Waterbury, Conn.-----	28	26	146	137	St. Petersburg, Fla.-----	(88)	(85)	(436)	(397)
Worcester, Mass.-----	64	57	316	311	Tampa, Fla.-----	69	74	340	387
MIDDLE ATLANTIC:					WEST SOUTH CENTRAL:				
Albany, N.Y.-----	29	46	204	286	Austin, Tex.-----	36	50	208	139
Allentown, Pa.-----	40	28	178	187	Baton Rouge, La.-----	30	37	167	180
Buffalo, N.Y.-----	170	177	861	717	Corpus Christi, Tex.-----	33	45	161	104
Camden, N.J.-----	62	30	260	215	Dallas, Tex.-----	154	158	683	653
Elizabeth, N.J.-----	35	19	131	150	El Paso, Tex.-----	62	43	263	197
Erle, Pa.-----	35	36	201	200	Fort Worth, Tex.-----	86	93	357	318
Jersey City, N.J.-----	176	89	2,430	456	Houston, Tex.-----	233	171	996	874
Newark, N.J.-----	89	107	552	587	Little Rock, Ark.-----	74	42	359	322
New York City, N.Y.-----	1,709	1,771	8,647	9,036	New Orleans, La.-----	196	235	974	920
Paterson, N.J.-----	49	42	235	225	Oklahoma City, Okla.-----	79	90	427	380
Philadelphia, Pa.-----	546	565	2,691	2,937	San Antonio, Tex.-----	121	118	681	547
Pittsburgh, Pa.-----	248	267	1,292	1,105	Shreveport, La.-----	56	45	269	326
Reading, Pa.-----	24	25	136	136	Tulsa, Okla.-----	65	78	344	291
Rochester, N.Y.-----	106	132	624	539	MOUNTAIN:				
Schenectady, N.Y.-----	31	24	134	135	Albuquerque, N. Mex.-----	124	30	2,169	179
Scranton, Pa.-----	47	42	221	208	Colorado Springs, Colo.-----	23	21	100	84
Syracuse, N.Y.-----	79	61	355	325	Denver, Colo.-----	161	122	690	619
Trenton, N.J.-----	51	43	208	260	Ogden, Utah-----	27	12	96	74
Utica, N.Y.-----	29	29	160	154	Phoenix, Ariz.-----	84	73	412	315
Yonkers, N.Y.-----	33	36	171	172	Pueblo, Colo.-----	15	15	70	68
EAST NORTH CENTRAL:					PACIFIC:				
Akron, Ohio-----	79	62	309	309	Berkeley, Calif.-----	21	14	103	103
Canton, Ohio-----	36	44	218	182	Fresno, Calif.-----	(58)	(63)	(288)	(226)
Chicago, Ill.-----	921	939	4,683	4,111	Glendale, Calif.-----	(57)	(47)	(272)	(204)
Cincinnati, Ohio-----	179	165	915	934	Honolulu, Hawaii-----	40	45	212	205
Cleveland, Ohio-----	255	286	1,254	1,167	Long Beach, Calif.-----	66	72	329	305
Columbus, Ohio-----	128	144	724	624	Los Angeles, Calif.-----	712	739	3,417	2,779
Dayton, Ohio-----	81	76	401	337	Oakland, Calif.-----	104	133	555	514
Detroit, Mich.-----	455	440	2,103	1,824	Pasadena, Calif.-----	35	41	223	169
Evansville, Ind.-----	34	50	191	186	Portland, Oreg.-----	107	103	559	610
Flint, Mich.-----	36	45	210	206	Sacramento, Calif.-----	95	73	396	277
Fort Wayne, Ind.-----	36	31	209	185	San Diego, Calif.-----	96	120	589	471
Gary, Ind.-----	31	40	167	204	San Francisco, Calif.-----	264	206	1,199	1,071
Grand Rapids, Mich.-----	51	48	246	214	San Jose, Calif.-----	(29)	(22)	(155)	(152)
Indianapolis, Ind.-----	148	135	759	856	Seattle, Wash.-----	158	143	732	741
Madison, Wis.-----	20	48	168	140	Spokane, Wash.-----	46	43	239	268
Milwaukee, Wis.-----	139	160	739	777	Tacoma, Wash.-----	42	43	231	210
Peoria, Ill.-----	44	34	164	152	WEST NORTH CENTRAL:				
Rockford, Ill.-----	29	33	162	162	Des Moines, Iowa-----	79	45	299	304
South Bend, Ind.-----	39	37	182	147	Duluth, Minn.-----	44	45	167	136
Toledo, Ohio-----	121	143	632	523	Kansas City, Kans.-----	35	39	198	155
Youngstown, Ohio-----	75	69	318	299	Kansas City, Mo.-----	146	144	662	686
					Lincoln, Nebr.-----	(36)	(27)	(155)	(143)
					Minneapolis, Minn.-----	133	135	661	663
					Omaha, Nebr.-----	85	88	404	440

¹Estimated.

²Includes estimate for current week.

EPIDEMIOLOGICAL REPORTS—Continued

The affected persons are consistently afebrile; they appear depressed or intensely preoccupied. Most of them are adults. Their most frequent complaints are nervousness; hyperexcitability; pain in the arms, shoulder, chest, or epigastrium; and headache. There may be paraesthesia, incoordination, and muscle weakness without paralysis. Children are irritable and cry excessively although they eat normally. The clinical course runs from 4 to 6 weeks. Recovery is the rule.

Gastroenteritis

Mr. Alex Schaefer, Idaho District Health Department, supplied information on 12 cases of food poisoning occurring among a small group of girls who ate leftover chili. The chili had been prepared for a skating party. What remained was stored in an aluminum pan in a refrigerator for several days before being warmed and eaten by the girls. Symptoms developed about 15 hours after eating. Paracolon organisms and coagulase-negative staphylococci were found in the chili.

Dr. Grace Jansen, Erie County (New York) Health Department, reported that 40 cases of gastroenteritis occurred in a nursing home about 10 hours after a meal in which creamed chicken was the main food item. The chicken was found to be grossly contaminated but no Staphylococcus, Salmonella, or Shigella were found. Stool specimens from 4 persons were negative. A cook had a partially healed lesion on his thumb, but laboratory tests had not been completed at the time of the report.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The following name should be deleted from the list of Yellow Fever Vaccination Centers in Section 6:

<u>City</u>	<u>Center</u>	<u>Clinic Hours</u>	<u>Fee</u>
Canal Zone Christobal	Coco Solo Hospital, Outpatient Clinic Tel: 3-1211, Ext. 60	Friday 2-4 p.m.	Yes

The following name should be added to the list of Yellow Fever Vaccination Centers in Section 6:

<u>City</u>	<u>Center</u>	<u>Clinic Hours</u>	<u>Fee</u>
Canal Zone Margarita	Community Health Center Building # 7998 Tel: 3-3172	Friday 1-3 p.m.	No

Yellow Fever Receptive Areas, Section 9, page 74.—The Ryukyu Islands should be added to the list of Yellow Fever Receptive Areas. These islands are located in the Pacific Ocean between Formosa and Japan.

SOURCE AND NATURE OF MORBIDITY DATA

See Vol. 9, No. 1, of this report.

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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