

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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COMMUNICABLE DISEASE CENTER

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Atlanta 22, Georgia

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 18, 1961

Anthrax — The first case of human anthrax for 1961 has been reported by Pennsylvania. The patient, a 54 year old female developed a pruritic, painless sore on her left forearm on March 8. She saw a company physician on March 10, who took a smear and culture, which subsequently were reported to be positive for *Bacillus anthracis*. She was treated with penicillin, and hospitalized for three days. Her course was mild and the lesion was reported to be typical for cutaneous anthrax. She has been employed as a spinner in a Philadelphia goat hair processing mill for 2½ years. Goat hair from middle eastern countries is currently being processed. Five cases of anthrax were reported by the 11th week in 1960.

Hepatitis — Cases have declined in number for the second consecutive week. The current total of 1,896 cases is, however, not far below the peak of 2,091 cases reached during the week ending March 4. This decrease is reflected in all geographic divisions except the mountain States where every State but Arizona contributed to an increase.

Poliomyelitis — Reporting of poliomyelitis during the 11th week in 1961 remains at a low level with reports of 11 cases, 9 paralytic. With corrections in these figures for delayed reports from 1960, the weekly reporting of current cases stands at 7 cases, 6 paralytic. This brings

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	11th Week			Cumulative						Approximate seasonal low point
	Ended March 18, 1961	Ended March 19, 1960	Median 1956-60	First 11 weeks			Since seasonal low week			
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
* Weekly incidence low or sporadic										
--- Data not available										
- Quantity zero										
Anthrax-----062	1	1	*	1	5	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	15	12	15	105	168	163	*	*	*	*
Diphtheria-----055	13	6	10	188	208	221	768	738	941	July 1
Encephalitis, infectious-----082	37	24	26	268	275	249	268	275	249	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,896	858	495	19,368	8,190	5,636	34,575	16,021	10,848	Sept. 1
Malaria-----110-117	1	-	*	8	11	*	*	*	*	*
Measles-----085	13,733	15,508	18,186	121,126	114,805	137,512	157,336	150,611	168,907	Sept. 1
Meningitis, aseptic-----340 pt.	31	27	---	248	311	---	248	311	---	Jan. 1
Meningococcal infections-----057	43	50	61	542	608	634	1,198	1,284	1,404	Sept. 1
Poliomyelitis-----080	11	5	33	94	188	244	3,159	8,462	8,462	Apr. 1
Paralytic-----080.0,080.1	9	4	21	56	135	172	2,164	5,636	5,636	Apr. 1
Nonparalytic-----080.2	2	-	10	20	30	41	643	2,147	2,147	Apr. 1
Unspecified-----080.3	-	1	2	18	23	31	352	679	679	Apr. 1
Psittacosis-----096.2	1	3	*	11	22	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	10,025	8,999	---	105,999	96,122	---	203,651	---	---	Aug. 1
Typhoid fever-----040	10	15	15	96	107	159	799	834	1,171	Apr. 1
Typhus fever, endemic-----101	-	-	*	5	5	*	*	*	*	*
Rabies in animals-----	65	123	112	855	913	1,025	1,259	1,894	1,894	Oct. 1

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the yearly total of cases with 1961 onset to 37 cases, 28 paralytic. The largest State total recorded this week comes from California with 3 paralytic cases, 2 of which have onset in 1961. No concentration is evident here or elsewhere, and no winter epidemics have been reported.

EPIDEMIOLOGICAL REPORTS

Poliomyelitis — South Carolina

In July 1960, a moderately severe epidemic of poliomyelitis erupted in the northwestern part of South Carolina, with occurrence of 35 cases, 25 paralytic. The first case in early June involved an unvaccinated Cherokee County infant and, after a lapse of two weeks, cases began to occur both in Cherokee and adjacent Spartanburg Counties in an epidemic fashion, reaching a peak in mid-July and declining thereafter. The time interval between the first case onset and the others suggested a possible common source spread, but investigation failed to substantiate this, and favored a personal contact spread. Two fatalities were recorded, both due to bulbo-spinal involvement of a school age child and an early adolescent. Laboratory specimens were submitted on 33 patients with positive results in 27 of these. Poliovirus type I was isolated from 24 patients and type III from 3 patients. Once again, unvaccinated preschool age children accounted for the largest proportion of paralytic cases, nearly 50 percent. Fully 68 percent of all paralytic cases were unvaccinated as shown in the Table below, and only 12 percent had had three injections. No cases had received the recommended fourth booster injection.

Reported by Dr. G. E. McDaniel, Director, Division of Disease Control, South Carolina State Board of Health, bases upon a cooperative field study with CDC.

CHEROKEE — SPARTANBURG COUNTIES 1960 PARALYTIC POLIOMYELITIS CASES BY AGE GROUP BY AND VACCINATION HISTORY

Paralytic					
Doses of Vaccine					
Age Group	0V	1V	2V	3V	Total
0 - 4	12	3	0	1	16
5 - 9	4	0	0	2	6
10 - 14	1	1	1	0	3
15 +	0	0	0	0	0
Total	17	4	1	3	25
Percent Doses	68.0	16.0	4.0	12.0	100.0

Hepatitis — New Jersey and other States

A tabulation of 1961 New Jersey hepatitis cases through March 2 supplied by Dr. W. J. Dougherty, Director, Division of Preventable Disease, State Department of Health, has shown a very unusual age distribution. Individuals 20 and under accounted for only 21 percent of cases while the 30 - 39 year old group included 32 percent. More cases than expected (27 percent) were in the group 40 years and older. There is no localization of the adult cases within the two month period and geographically they are widely scattered in all parts of the State. No obvious explanation for this distribution is apparent.

To determine if this pattern were unique to New Jersey or a general characteristic of hepatitis during this year of high prevalence, comparable data were obtained from several other States. The two following tables indicate that the unusual pattern is apparently restricted to New Jersey with the more usual childhood distribution present in California, Florida, Massachusetts, Ohio and New York City.

The New Jersey State Board of Health is investigating this further to learn whether this pattern is the result of reporting or some unusual mode of spread of this disease. If there is any occurrence of unusual age distribution of hepatitis cases in other States, CDC would appreciate being notified.

AGE DISTRIBUTION OF 1961 HEPATITIS CASES FOR SEVERAL STATES AND NEW YORK CITY

Age Group	N. J.*	Cal.**	Fla.***	Mass.†	Ohio††	NYC†††
0-9	35	163	70	28	271	93
10-19	63	160	54	57	307	103
20-29	79	148	35	41	115	119
30-39	134	71	20	32	88	79
+ 40	113	78	34	24	48	57
Unknown			20	6	72	1
Total	424	620	233	188	901	452

PERCENT DISTRIBUTION OF HEPATITIS CASES BY SELECTED AGE GROUPS

Age Group	N.J.	Calif.	Fla.	Mass.	Ohio	NYC
0-9	8	26	33	15	33	21
10-19	15	26	25	31	37	23
20-29	19	24	16	23	14	26
30-39	32	11	9	18	11	18
+ 40	27	13	16	13	6	13

* Through March 2. ** Five counties and Los Angeles through 3/20
*** Through March 11. † Through March 20. †† January and February cases. ††† Through March 17.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 19, 1960 AND MARCH 18, 1961

(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- lant fever) 044
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic 080.2			
	11th week		Cumulative, first 11 weeks		11th week		Cumulative, first 11 weeks					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES-----	11	5	94	188	9	4	56	135	2	-	31	15
NEW ENGLAND-----	-	-	2	6	-	-	2	6	-	-	-	-
Maine-----	-	-	-	2	-	-	-	2	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	4	-	-	1	4	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC-----	1	1	9	30	1	1	8	21	-	-	6	2
New York-----	-	-	3	27	-	-	2	18	-	-	-	1
New Jersey-----	1	1	2	3	1	1	2	3	-	-	6	-
Pennsylvania-----	-	-	4	-	-	-	4	-	-	-	-	1
EAST NORTH CENTRAL-----	1	1	14	23	-	-	8	4	1	-	1	4
Ohio-----	-	-	7	13	-	-	3	2	-	-	-	-
Indiana-----	-	-	1	-	-	-	1	-	-	-	-	-
Illinois-----	-	-	2	3	-	-	2	2	-	-	1	1
Michigan-----	-	1	1	5	-	-	1	-	-	-	-	1
Wisconsin-----	1	-	3	2	-	-	1	-	1	-	-	2
WEST NORTH CENTRAL-----	1	-	2	10	1	-	2	7	-	-	2	3
Minnesota-----	-	-	1	6	-	-	1	6	-	-	1	-
Iowa-----	-	-	-	2	-	-	-	1	-	-	1	2
Missouri-----	-	-	-	1	-	-	-	-	-	-	-	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	1	-	1	-	1	-	1	-	-	-	-	-
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	-	-	8	36	-	-	6	29	-	-	1	-
Delaware-----	-	-	1	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	1	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	-	-	-	-	-	-	-	1	-
West Virginia-----	-	-	2	2	-	-	1	2	-	-	-	-
North Carolina-----	-	-	2	12	-	-	2	12	-	-	-	-
South Carolina-----	-	-	-	2	-	-	-	2	-	-	-	-
Georgia-----	-	-	1	1	-	-	1	1	-	-	-	-
Florida-----	-	-	2	18	-	-	1	12	-	-	-	-
EAST SOUTH CENTRAL-----	1	-	12	7	1	-	1	6	-	-	9	-
Kentucky-----	1	-	12	5	1	-	1	4	-	-	3	-
Tennessee-----	-	-	-	-	-	-	-	-	-	-	3	-
Alabama-----	-	-	-	1	-	-	-	1	-	-	1	-
Mississippi-----	-	-	-	1	-	-	-	1	-	-	2	-
WEST SOUTH CENTRAL-----	2	-	11	9	1	-	5	7	1	-	3	4
Arkansas-----	-	-	1	-	-	-	-	-	-	-	-	1
Louisiana-----	-	-	3	4	-	-	2	3	-	-	-	-
Oklahoma-----	-	-	-	1	-	-	-	1	-	-	-	-
Texas-----	2	-	7	4	1	-	3	3	1	-	3	3
MOUNTAIN-----	2	1	15	11	2	1	9	7	-	-	2	2
Montana-----	-	-	1	4	-	-	1	3	-	-	-	-
Idaho-----	1	-	3	4	1	-	1	1	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	3	-	-	-	3	-	-	-	2	-
New Mexico-----	-	-	1	-	-	-	-	-	-	-	-	-
Arizona-----	-	-	2	-	-	-	1	2	-	-	-	1
Utah-----	1	1	5	1	1	1	3	1	-	-	-	1
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	2	21	56	3	2	15	48	-	-	7	-
Washington-----	-	-	-	4	-	-	-	4	-	-	1	-
Oregon-----	-	2	2	10	-	2	1	6	-	-	-	-
California-----	3	-	18	41	3	-	13	37	-	-	6	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	1	1	-	-	1	1	-	-	-	-
Puerto Rico-----	-	4	1	22	-	4	1	22	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 19, 1960 AND MARCH 18, 1961 - 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	
	11th week		Cumulative, first 11 weeks		082		11th week		Cumulative, first 11 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	13	6	188	208	37	24	1,896	858	19,368	8,190	13,733	15,508
NEW ENGLAND-----	-	-	2	5	2	3	43	31	593	280	1,236	1,118
Maine-----	-	-	-	1	1	-	2	4	31	20	10	141
New Hampshire-----	-	-	-	-	-	-	4	-	43	5	55	8
Vermont-----	-	-	-	-	-	-	3	-	93	5	17	11
Massachusetts-----	-	-	2	3	-	2	13	16	183	143	587	592
Rhode Island-----	-	-	-	1	-	1	10	8	82	53	384	23
Connecticut-----	-	-	-	-	1	-	11	3	161	54	183	343
MIDDLE ATLANTIC-----	-	-	4	6	8	6	314	95	2,911	781	2,879	2,375
New York-----	-	-	3	1	6	3	111	59	1,172	400	1,286	1,956
New Jersey-----	-	-	-	-	1	1	105	4	669	53	520	274
Pennsylvania-----	-	-	1	5	1	2	98	32	1,070	328	1,073	145
EAST NORTH CENTRAL-----	-	-	5	19	2	3	324	157	3,732	1,561	3,543	3,357
Ohio-----	-	-	-	12	2	-	107	55	1,499	427	762	686
Indiana-----	-	-	-	3	-	1	75	21	585	233	182	280
Illinois-----	-	-	4	2	-	-	52	24	615	334	456	587
Michigan-----	-	-	1	2	-	1	72	53	922	458	758	767
Wisconsin-----	-	-	-	-	-	1	18	4	111	109	1,385	1,037
WEST NORTH CENTRAL-----	2	-	11	12	-	1	163	84	1,914	737	519	430
Minnesota-----	1	-	6	3	-	-	57	9	465	71	6	246
Iowa-----	-	-	1	2	-	-	40	42	446	151	154	39
Missouri-----	-	-	-	1	-	-	23	17	454	248	229	81
North Dakota-----	-	-	-	1	-	-	3	7	41	74	104	59
South Dakota-----	-	-	3	4	-	-	2	1	94	87	-	4
Nebraska-----	1	-	1	-	-	-	26	-	195	54	26	1
Kansas-----	-	-	-	1	-	1	12	8	219	52	NN	NN
SOUTH ATLANTIC-----	6	1	34	50	7	1	259	85	2,198	924	1,613	781
Delaware-----	-	-	-	-	-	-	1	2	52	45	99	26
Maryland-----	-	-	1	-	-	1	28	20	203	94	110	164
District of Columbia-----	-	-	-	-	-	-	4	-	22	7	6	86
Virginia-----	-	-	6	8	2	-	33	25	272	236	404	186
West Virginia-----	-	-	1	1	1	-	42	8	478	195	214	104
North Carolina-----	1	-	4	1	1	-	80	5	521	46	319	93
South Carolina-----	-	-	-	12	-	-	6	5	159	25	126	35
Georgia-----	3	-	6	8	-	-	43	7	240	85	12	7
Florida-----	2	1	16	20	3	-	22	13	251	191	323	80
EAST SOUTH CENTRAL-----	1	-	5	20	1	1	319	94	3,378	1,329	875	1,709
Kentucky-----	-	-	2	-	-	-	107	37	1,067	588	364	593
Tennessee-----	-	-	2	3	-	-	127	36	1,408	403	441	814
Alabama-----	1	-	1	11	-	-	45	14	527	263	19	139
Mississippi-----	-	-	-	6	1	1	40	7	376	75	51	163
WEST SOUTH CENTRAL-----	4	5	123	71	1	1	138	62	1,297	574	695	2,919
Arkansas-----	-	-	-	1	-	-	25	2	271	27	190	33
Louisiana-----	-	2	12	13	-	-	17	-	89	23	4	16
Oklahoma-----	-	-	2	5	-	-	8	13	100	97	1	31
Texas-----	4	3	109	52	1	1	88	47	837	427	500	2,839
MOUNTAIN-----	-	-	4	24	1	-	173	80	1,316	756	702	552
Montana-----	-	-	2	-	-	-	10	5	144	36	75	41
Idaho-----	-	-	-	11	-	-	13	2	76	109	47	60
Wyoming-----	-	-	-	5	-	-	23	1	38	5	7	-
Colorado-----	-	-	2	2	-	-	61	31	436	211	87	124
New Mexico-----	-	-	-	2	-	-	12	12	213	126	NN	-
Arizona-----	-	-	-	1	1	-	16	23	127	182	435	100
Utah-----	-	-	-	3	-	-	31	6	242	71	45	198
Nevada-----	-	-	-	-	-	-	7	-	40	16	6	29
PACIFIC-----	-	-	-	1	15	8	163	170	2,029	1,248	1,671	2,267
Washington-----	-	-	-	-	2	-	14	14	245	148	223	835
Oregon-----	-	-	-	-	-	-	31	26	361	247	117	267
California-----	-	-	-	-	13	8	114	75	1,347	748	1,328	878
Alaska-----	-	-	-	1	-	-	3	52	58	73	1	108
Hawaii-----	-	-	-	-	-	-	1	3	18	32	2	179
Puerto Rico-----	10	6	21	52	-	-	31	41	110	239	16	30

NN=Not Notifiable

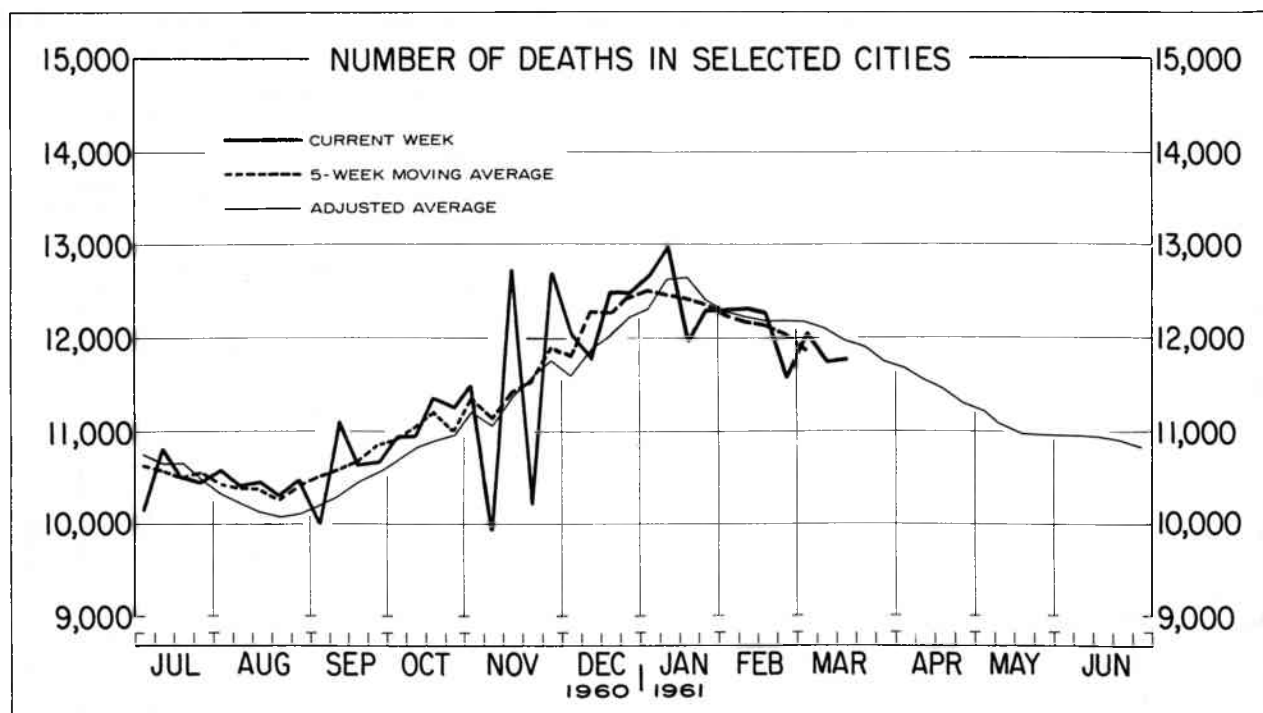
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 19, 1960 AND MARCH 18, 1961 - Continued

(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	11th week		Cumulative, first 11 weeks		101		
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	1	43	50	1	10,025	10	15	96	107	-	65	123
NEW ENGLAND-----	-	1	3	-	761	-	-	2	1	-	-	-
Maine-----	-	-	-	-	9	-	-	1	-	-	-	-
New Hampshire-----	-	-	-	-	25	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	21	-	-	-	-	-	-	-
Massachusetts-----	-	-	3	-	248	-	-	1	1	-	-	-
Rhode Island-----	-	-	-	-	89	-	-	-	-	-	-	-
Connecticut-----	-	1	-	-	369	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	1	9	5	1	1,251	-	-	9	5	-	-	19
New York-----	1	1	2	1	718	-	-	3	3	-	-	19
New Jersey-----	-	5	1	-	259	-	-	1	-	-	-	-
Pennsylvania-----	-	3	2	-	274	-	-	5	2	-	-	-
EAST NORTH CENTRAL-----	-	10	10	-	1,267	-	2	7	9	-	5	3
Ohio-----	-	3	5	-	350	-	-	4	1	-	2	-
Indiana-----	-	-	-	-	181	-	-	1	1	-	1	-
Illinois-----	-	3	2	-	215	-	2	-	3	-	2	1
Michigan-----	-	2	1	-	273	-	-	1	4	-	1	-
Wisconsin-----	-	2	2	-	248	-	-	1	-	-	-	1
WEST NORTH CENTRAL-----	-	3	5	-	321	1	-	8	7	-	12	27
Minnesota-----	-	-	1	-	23	-	-	3	-	-	-	1
Iowa-----	-	-	-	-	58	-	-	1	-	-	7	2
Missouri-----	-	1	3	-	20	-	-	3	7	-	5	11
North Dakota-----	-	-	-	-	99	-	-	-	-	-	-	3
South Dakota-----	-	-	-	-	7	-	-	-	-	-	-	7
Nebraska-----	-	1	1	-	1	-	-	-	-	-	-	3
Kansas-----	-	1	-	-	113	1	-	1	-	-	-	-
SOUTH ATLANTIC-----	-	8	7	-	797	4	2	16	19	-	9	17
Delaware-----	-	-	-	-	10	-	-	-	-	-	-	-
Maryland-----	-	1	1	-	59	-	-	-	-	-	-	-
District of Columbia-----	-	-	1	-	4	1	-	1	1	-	-	-
Virginia-----	-	2	2	-	242	-	-	-	3	-	5	9
West Virginia-----	-	-	1	-	247	1	1	2	1	-	3	5
North Carolina-----	-	5	-	-	65	-	-	2	7	-	-	1
South Carolina-----	-	-	-	-	21	-	-	1	5	-	-	1
Georgia-----	-	-	1	-	6	2	-	9	-	-	1	1
Florida-----	-	-	1	-	143	-	1	1	2	-	-	-
EAST SOUTH CENTRAL-----	-	4	4	-	1,464	-	1	17	26	-	8	18
Kentucky-----	-	2	2	-	306	-	1	4	10	-	3	9
Tennessee-----	-	1	1	-	1,138	-	-	11	14	-	5	5
Alabama-----	-	-	1	-	6	-	-	2	2	-	-	4
Mississippi-----	-	1	-	-	14	-	-	-	-	-	-	-
WEST SOUTH CENTRAL-----	-	2	9	-	1,126	2	9	15	23	-	15	34
Arkansas-----	-	-	2	-	8	1	3	2	7	-	6	10
Louisiana-----	-	1	7	-	11	-	5	2	9	-	3	1
Oklahoma-----	-	-	-	-	36	-	-	2	1	-	-	-
Texas-----	-	1	-	-	1,071	1	1	9	6	-	6	23
MOUNTAIN-----	-	1	-	-	2,046	1	1	11	8	-	3	1
Montana-----	-	-	-	-	105	-	-	1	4	-	-	-
Idaho-----	-	-	-	-	141	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	121	-	-	-	-	-	-	-
Colorado-----	-	1	-	-	579	-	-	5	-	-	2	-
New Mexico-----	-	-	-	-	654	-	1	1	4	-	-	1
Arizona-----	-	-	-	-	246	1	-	2	-	-	1	-
Utah-----	-	-	-	-	198	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	2	-	-	1	-	-	-	-
PACIFIC-----	-	5	7	-	992	2	-	11	9	-	13	4
Washington-----	-	-	-	-	374	-	-	1	-	-	-	1
Oregon-----	-	-	-	-	102	-	-	-	-	-	1	-
California-----	-	5	7	-	472	2	-	10	9	-	8	3
Alaska-----	-	-	-	-	35	-	-	-	-	-	4	-
Hawaii-----	-	-	-	-	9	-	-	-	-	-	-	-
Puerto Rico-----	-	2	-	-	7	2	1	5	13	-	2	1



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 each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived 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	11th week ended March 18, 1961	10th week ended March 11, 1961	Adjusted average, 11th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 11 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	11,767	11,697	11,981	-1.8	134,108	144,790	-7.4
New England----- (14 cities)	716*	703	727	-1.5	8,239	9,261	-11.0
Middle Atlantic----- (20 cities)	3,538	3,307	3,328	+6.3	38,229	39,013	-2.0
East North Central----- (21 cities)	2,481	2,441	2,508	-1.1	28,103	31,110	-9.7
West North Central----- (9 cities)	738	766	855	-13.7	9,033	10,193	-11.4
South Atlantic----- (11 cities)	950	964	1,022	-7.0	11,630	12,910	-9.9
East South Central----- (8 cities)	508	528	558	-9.0	6,240	6,599	-5.4
West South Central----- (13 cities)	996	997	1,082	-7.9	11,675	13,082	-10.8
Mountain----- (8 cities)	385	424	367	+4.9	4,279	4,432	-3.5
Pacific----- (13 cities)	1,455	1,567	1,534	-4.1	16,680	18,190	-8.3

*Includes estimate for missing reports.

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Table 4. DEATHS IN SELECTED CITIES

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

Area	11th week ended March 18, 1961	10th week ended March 11, 1961	Cumulative, first 11 weeks		Area	11th week ended March 18, 1961	10th week ended March 11, 1961	Cumulative, first 11 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	217	255	2,840	3,223	St. Louis, Mo.-----	232	201	2,718	3,248
Bridgeport, Conn.-----	43	43	455	512	St. Paul, Minn.-----	78	63	768	906
Cambridge, Mass.-----	30	33	332	395	Wichita, Kans.-----	38	56	521	561
Fall River, Mass.-----	27	27	302	372	SOUTH ATLANTIC:				
Hartford, Conn.-----	50	33	527	605	Atlanta, Ga.-----	107	116	1,382	1,482
Lowell, Mass.-----	31	23	285	296	Baltimore, Md.-----	226	252	2,866	3,329
Lynn, Mass.-----	26	17	255	321	Charlotte, N.C.-----	39	32	418	559
New Bedford, Mass.-----	28	31	317	310	Jacksonville, Fla.-----	77	40	702	833
New Haven, Conn.-----	36	33	518	563	Miami, Fla.-----	68	82	876	936
Providence, R.I.-----	69	55	700	815	Norfolk, Va.-----	42	44	559	572
Somerville, Mass.-----	13	21	149	190	Richmond, Va.-----	76	74	957	1,006
Springfield, Mass.-----	65	37	569	608	Savannah, Ga.-----	29	41	414	466
Waterbury, Conn.-----	28	41	328	343	St. Petersburg, Fla.-----	(81)	(79)	(899)	(934)
Worcester, Mass.-----	53*	54	662	708	Tampa, Fla.-----	70	76	807	827
MIDDLE ATLANTIC:					Washington, D.C.-----	181	171	2,195	2,401
Albany, N.Y.-----	41	44	541	528	Wilmington, Del.-----	35	36	454	499
Allentown, Pa.-----	31	44	397	410	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	141	149	1,636	1,788	Birmingham, Ala.-----	90	90	1,035	1,046
Camden, N.J.-----	51	33	467	546	Chattanooga, Tenn.-----	53	41	596	614
Elizabeth, N.J.-----	27	33	332	353	Knoxville, Tenn.-----	19	27	341	391
Erie, Pa.-----	37	42	443	443	Louisville, Ky.-----	73	137	1,306	1,427
Jersey City, N.J.-----	75	62	823	846	Memphis, Tenn.-----	140	96	1,398	1,396
Newark, N.J.-----	111	122	1,204	1,192	Mobile, Ala.-----	44	47	480	531
New York City, N.Y.-----	1,778	1,727	19,547	19,416	Montgomery, Ala.-----	39	21	392	433
Paterson, N.J.-----	38	33	448	500	Nashville, Tenn.-----	50	69	692	761
Philadelphia, Pa.-----	621	566	6,066	6,245	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	227	123	2,242	2,436	Austin, Tex.-----	35	37	395	489
Reading, Pa.-----	17	19	254	274	Baton Rouge, La.-----	15	44	332	389
Rochester, N.Y.-----	90	97	1,164	1,270	Corpus Christi, Tex.-----	25	16	275	333
Schenectady, N.Y.-----	32	27	284	293	Dallas, Tex.-----	127	143	1,436	1,531
Scranton, Pa.-----	31	28	426	480	El Paso, Tex.-----	32	43	427	511
Syracuse, N.Y.-----	68	66	693	780	Fort Worth, Tex.-----	87	72	785	844
Trenton, N.J.-----	58	52	537	479	Houston, Tex.-----	175	145	2,042	2,179
Utica, N.Y.-----	29	20	340	362	Little Rock, Ark.-----	52	56	645	778
Yonkers, N.Y.-----	35	20	385	376	New Orleans, La.-----	180	166	1,996	2,379
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	79	69	907	936
Akron, Ohio-----	56	46	643	689	San Antonio, Tex.-----	102	92	1,194	1,329
Canton, Ohio-----	24	26	355	440	Shreveport, La.-----	39	67	611	639
Chicago, Ill.-----	757	724	8,506	9,569	Tulsa, Okla.-----	48	47	630	745
Cincinnati, Ohio-----	147	141	1,767	2,049	MOUNTAIN:				
Cleveland, Ohio-----	213	227	2,409	2,767	Albuquerque, N. Mex.-----	21	34	361	370
Columbus, Ohio-----	87	112	1,265	1,501	Colorado Springs, Colo.-----	15	23	189	217
Dayton, Ohio-----	88	94	966	876	Denver, Colo.-----	140	133	1,357	1,496
Detroit, Mich.-----	329	341	3,833	4,253	Ogden, Utah-----	11	19	172	208
Evansville, Ind.-----	30	39	405	436	Phoenix, Ariz.-----	88	111	989	930
Flint, Mich.-----	62	33	483	460	Pueblo, Colo.-----	19	16	181	176
Fort Wayne, Ind.-----	36	40	450	461	Salt Lake City, Utah-----	49	39	563	596
Gary, Ind.-----	31	37	358	369	Tucson, Ariz.-----	42	49	467	439
Grand Rapids, Mich.-----	58	48	515	492	PACIFIC:				
Indianapolis, Ind.-----	153	151	1,672	1,780	Berkeley, Calif.-----	18	18	189	208
Madison, Wis.-----	36	25	351	357	Fresno, Calif.-----	(50)	(48)	(505)	(626)
Milwaukee, Wis.-----	138	107	1,399	1,549	Glendale, Calif.-----	(33)	(35)	(372)	(507)
Peoria, Ill.-----	28	32	327	361	Honolulu, Hawaii-----	35	39	451	491
Rockford, Ill.-----	29	25	317	341	Long Beach, Calif.-----	70	67	687	663
South Bend, Ind.-----	24	30	325	367	Los Angeles, Calif.-----	508	584	6,082	6,834
Toledo, Ohio-----	105	106	1,125	1,284	Oakland, Calif.-----	94	92	1,112	1,160
Youngstown, Ohio-----	50	57	632	709	Pasadena, Calif.-----	41	42	369	442
WEST NORTH CENTRAL:					Portland, Oreg.-----	112	92	1,138	1,257
Des Moines, Iowa-----	52	52	588	682	Sacramento, Calif.-----	47	52	728	751
Duluth, Minn.-----	18	26	299	330	San Diego, Calif.-----	93	110	1,032	1,138
Kansas City, Kans.-----	43	28	441	430	San Francisco, Calif.-----	219	217	2,407	2,478
Kansas City, Mo.-----	94	154	1,485	1,608	San Jose, Calif.-----	(45)	(37)	(390)	(335)
Lincoln, Nebr.-----	(30)	(22)	(333)	(311)	Seattle, Wash.-----	138	158	1,508	1,684
Minneapolis, Minn.-----	126	126	1,428	1,493	Spokane, Wash.-----	48	64	519	549
Omaha, Nebr.-----	57	60	785	935	Tacoma, Wash.-----	32	32	458	535
*Estimate - based on average percentage of divisional total.					San Juan, P. R.-----	(31)	(38)	(375)	(406)
() Figures shown in parenthesis are from cities which have									

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

Staphylococcal Food Poisoning on a Trans-Pacific Airline - Hawaii

A violent gastroenteritis was reported among 13 of 28 passengers arriving by air in Honolulu on January 16, 1961. The flight originated at Vancouver, B. C.; a stop was made at San Francisco but no food was taken aboard. About one and one-half hours out, 13 passengers became violently ill with nausea and vomiting. All who were ill reported eating breast of chicken Jeanette. Those who had not partaken of the chicken did not become ill. Items from lunch and dinner served prior to the outbreak were received for bacteriological examination. No organisms commonly associated with food poisoning were found in any of the specimens of foods submitted, except three portions of breast of chicken, which showed a coagulase-positive *Staphylococcus aureus* 187 in counts up to 11,000,000 per gram.

The pilots and other crew members who do not eat the food that is prepared for the passengers, did not become ill. It is worth noting that this precaution is designed to prevent a disastrous Staphylococcal food poisoning episode among crew members. As an additional precaution, the hours of eating for the pilot and co-pilot are staggered on trans-oceanic flights.

(Submitted by James R. Enright, Chief, Bureau of Epidemiology, Hawaii Department of Health.)

QUARANTINE MEASURES

Immunization Information for International Travel-1960 Edition

Public Health Service Publication No. 383

The following corrections and deletions should be made in Section 5:

Page 53, France - Smallpox Add the following: Valid smallpox vaccination certificate required for persons arriving from Spain. All other information remains the same.

Page 56, Spain - Smallpox Delete information and insert: Smallpox vaccination required for arrival by air except children under 6 months of age and travelers who have been resident for more than 14 days in a European Country immediately before arrival in Spain. All other information remains the same.

FOR SOURCE AND NATURE OF MORBIDITY DATA SEE
LAST WEEK'S MORBIDITY AND MORTALITY WEEKLY
REPORT

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