

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the

COMMUNICABLE DISEASE CENTER

MEIrose 4-5131

For release May 12, 1961

Atlanta 22, Georgia

Vol. 10, No. 18

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 6, 1961

Hepatitis - The sustained high incidence continues. The total of 1,744 cases is slightly less than the 1,831 cases reported one week ago, but does not represent a significant decline from past high levels.

In the second week of nationwide reporting of hepatitis cases by age - under 20 years and 20 years or over - 38 States included this breakdown with their current morbidity telegram. These data are presented in tabular form on Page 8. States with an adult preponderance of cases include New Jersey (81 percent), Upstate New York (60 percent) and New York City (61 percent), Connecticut, Missouri and Oregon (54 percent).

EPIDEMIOLOGICAL REPORT

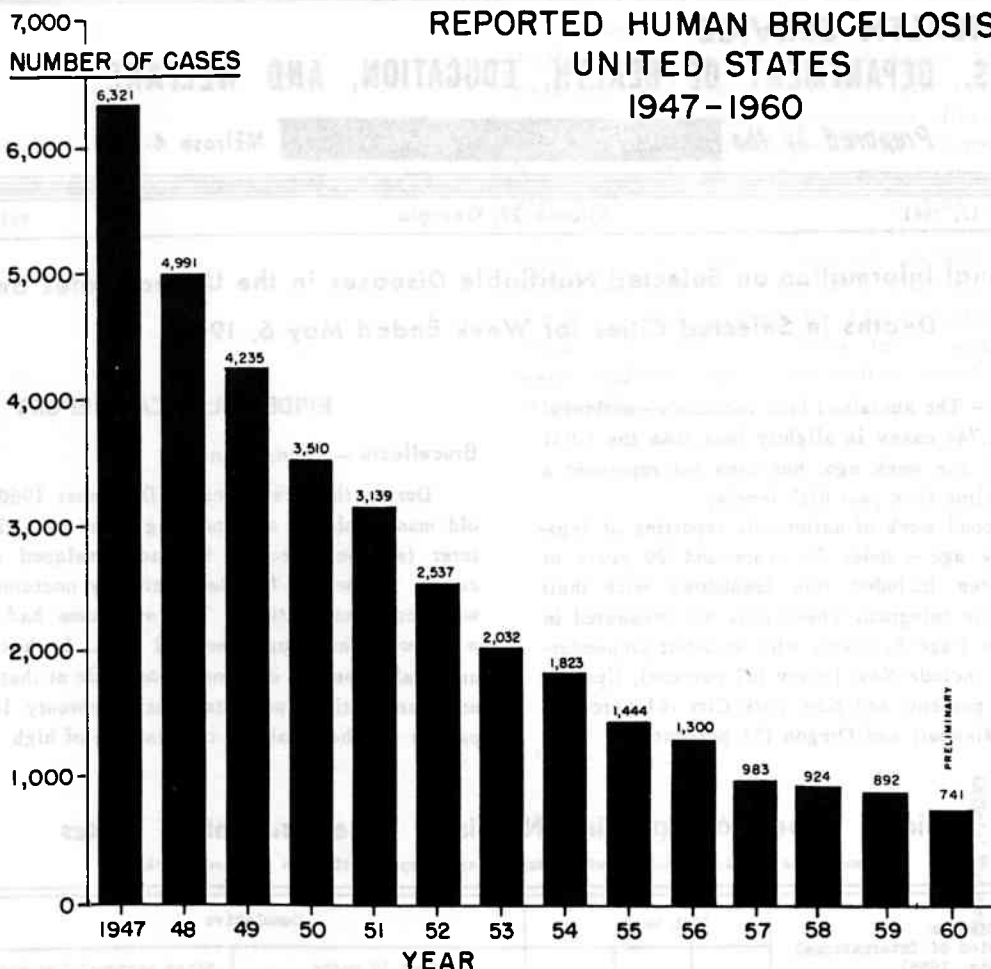
Brucellosis - Pennsylvania

During the first week in December 1960, a 57-year-old man employed at a packing plant as a ritual slaughterer (shochet) became ill and developed a productive cough, followed a few days later by nocturnal sweating, weakness, and fatigue. The symptoms had persisted a week when he sought medical care. A chest X-ray was unrevealing and no diagnosis was made at that time. Weakness and fatigue persisted until February 10, when the patient was hospitalized complaining of high fever, weak-

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)	18th Week			Cumulative						Approximate seasonal low point
	Ended May 6, 1961	Ended May 7, 1960	Median 1956-60	First 18 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	-	4	*	2	10	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	13	18	18	190	288	283	*	*	*	*
Diphtheria-----055	18	11	15	253	281	312	833	817	1,025	July 1
Encephalitis, infectious-----082	36	29	30	479	502	466	479	502	466	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,744	813	448	32,234	14,065	8,938	47,441	21,875	14,205	Sept. 1
Malaria-----110-117	1	3	*	14	19	*	*	*	*	*
Measles-----085	19,051	22,108	22,977	238,145	246,436	289,576	274,355	281,430	326,245	Sept. 1
Meningitis, aseptic-----340 pt.	23	18	---	433	501	---	433	501	---	Jan. 1
Meningococcal infections-----057	54	54	52	888	950	1,012	1,544	1,657	1,825	Sept. 1
Polio myelitis-----080	5	12	26	138	272	405	35	56	112	Apr. 1
Paralytic-----080.0,080.1	3	8	19	85	196	287	25	42	79	Apr. 1
Nonparalytic-----080.2	1	2	5	29	46	68	4	10	20	Apr. 1
Unspecified-----080.3	1	2	2	24	30	50	6	4	13	Apr. 1
Psittacosis-----096.2	-	-	*	19	35	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	8,183	6,893	---	166,212	152,494	---	263,864	---	---	Aug. 1
Typhoid fever-----040	13	11	16	177	181	251	63	54	71	Apr. 1
Typhus fever, endemic-----101	1	1	*	10	12	*	*	*	*	*
Rabies in animals-----	77	77	98	1,296	1,495	1,817	1,872	2,476	2,599	Oct. 1



ness, periods of chilling and sweating, arthralgia, myalgia and severe spine pain. Blood cultures were obtained from which *B. abortus* was isolated. An agglutination test for brucellosis revealed a titer of 1:1,280.

This man slaughters cattle, many of which are brucella positive, by means of a sharp knife which is used to cut the arteries of the neck. Following slaughter, the carcass is opened and the shochet proceeds to palpate with bare arms the pleural and peritoneal cavities which places him in contact with the viscera. Doing this, he frequently nicks and scratches his arms by contact with bone splinters. Occasionally during the slaughtering operation he becomes splashed with blood which enters his eyes and mouth. In spite of the exposure involved, this man, during a life time in this occupation, has never had a known previous attack of this disease nor is it apparently common in others so employed.

(Submitted by Milton Werren, V.M.D., Chief, Veterinary Public Health Section, Philadelphia Department of Health.)

BRUCELLOSIS SURVEILLANCE - 1960

The reported number of human brucellosis cases continued to decline in 1960 (741 cases) as it has for the past 14 years. Preliminary data for 1959 included 721 cases but a total of 892 cases were tabulated when the final reports were received from the States. The 1960 preliminary report of 741 is slightly higher than the 1959 preliminary reports so the final figure for 1960 may actually exceed the total cases in 1959.

The decline in incidence has been dramatic since 1947 when 6,321 cases were reported to the National Office of Vital Statistics (see bar graph). The States having the highest incidence of disease in 1960 were Iowa, Illinois, Kansas, Virginia, California, South Dakota, Texas, and Nebraska. These 8 States reported 75 percent of the cases in the nation. Iowa with 307 cases reported 41 percent of the country's cases. Dr. Stanley L. Hendricks, Iowa State Health Department's Public Health Veterinarian, reported

(Continued on page 8)

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 7, 1960 AND MAY 6, 1961

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

Area	Polio myelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undu- lant fever) 044
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic 080.2			
	18th Week		Cumulative, first 18 weeks		18th Week		Cumulative, first 18 weeks					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES-----	5	12	138	272	3	8	85	196	1	2	23	13
NEW ENGLAND-----	-	-	3	8	-	-	3	8	-	-	-	-
Maine-----	-	-	-	4	-	-	-	4	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	2	4	-	-	2	4	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC-----	-	1	12	39	-	1	9	28	-	-	1	-
New York-----	-	-	5	31	-	-	4	21	-	-	1	-
New Jersey-----	-	1	4	6	-	1	3	6	-	-	-	-
Pennsylvania-----	-	-	3	2	-	-	2	1	-	-	-	-
EAST NORTH CENTRAL-----	1	3	20	34	-	1	13	10	-	-	2	1
Ohio-----	-	1	8	16	-	-	4	3	-	-	-	-
Indiana-----	-	-	2	-	-	-	2	-	-	-	-	-
Illinois-----	1	2	6	6	-	1	5	4	-	-	1	1
Michigan-----	-	-	1	10	-	-	1	3	-	-	-	-
Wisconsin-----	-	-	3	2	-	-	1	-	-	-	1	-
WEST NORTH CENTRAL-----	-	-	4	14	-	-	3	8	-	-	-	7
Minnesota-----	-	-	1	8	-	-	1	6	-	-	-	2
Iowa-----	-	-	1	3	-	-	-	1	-	-	-	2
Missouri-----	-	-	-	2	-	-	-	1	-	-	-	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	1	-	-	-	-	-	-	-	1
Nebraska-----	-	-	2	-	-	-	2	-	-	-	1	1
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	-	-	13	44	-	-	9	36	-	-	2	-
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	1	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	-	-	-	-	-	-	-	1	-
West Virginia-----	-	-	2	3	-	-	1	3	-	-	-	-
North Carolina-----	-	-	3	14	-	-	2	14	-	-	-	-
South Carolina-----	-	-	1	2	-	-	1	2	-	-	-	-
Georgia-----	-	-	2	3	-	-	2	2	-	-	1	-
Florida-----	-	-	3	21	-	-	2	15	-	-	-	-
EAST SOUTH CENTRAL-----	-	1	14	9	-	1	3	8	-	-	4	1
Kentucky-----	-	-	13	6	-	-	2	5	-	-	1	-
Tennessee-----	-	-	-	-	-	-	-	-	-	-	-	-
Alabama-----	-	-	-	1	-	-	-	1	-	-	-	-
Mississippi-----	-	1	1	2	-	1	1	2	-	-	3	1
WEST SOUTH CENTRAL-----	-	3	17	27	-	2	8	20	-	1	2	3
Arkansas-----	-	-	1	-	-	-	-	-	-	-	-	1
Louisiana-----	-	-	5	6	-	-	3	5	-	-	-	2
Oklahoma-----	-	1	-	3	-	1	-	3	-	-	-	-
Texas-----	-	2	11	18	-	1	5	12	-	1	2	-
MOUNTAIN-----	-	-	17	14	-	-	10	8	-	-	4	1
Montana-----	-	-	1	4	-	-	1	3	-	-	-	-
Idaho-----	-	-	3	4	-	-	1	1	-	-	-	-
Wyoming-----	-	-	-	1	-	-	-	-	-	-	-	1
Colorado-----	-	-	3	1	-	-	3	1	-	-	1	-
New Mexico-----	-	-	1	1	-	-	-	-	-	-	3	-
Arizona-----	-	-	3	2	-	-	1	2	-	-	-	-
Utah-----	-	-	6	1	-	-	4	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	4	4	38	83	3	3	27	70	1	1	8	-
Washington-----	-	-	3	6	-	-	-	6	-	-	1	-
Oregon-----	1	-	3	12	-	-	1	8	1	-	-	-
California-----	3	4	31	63	3	3	25	54	-	1	7	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	1	2	-	-	1	2	-	-	-	-
Puerto Rico-----	-	13	3	93	-	12	3	90	-	1	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 7, 1960 AND MAY 6, 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	
	18th Week		Cumulative, first 18 weeks		082		18th Week		Cumulative, first 18 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	18	11	253	281	36	29	1,744	813	32,234	14,065	19,051	22,108
NEW ENGLAND-----	-	-	3	7	2	1	42	20	861	435	1,961	2,801
Maine-----	-	-	-	2	-	-	1	4	48	34	81	197
New Hampshire-----	-	-	-	-	-	-	6	-	61	15	60	55
Vermont-----	-	-	-	-	-	-	4	-	115	7	22	236
Massachusetts-----	-	-	3	4	2	-	16	10	286	224	943	1,176
Rhode Island-----	-	-	-	1	-	1	2	2	117	77	393	100
Connecticut-----	-	-	-	-	-	-	13	4	234	78	462	1,037
MIDDLE ATLANTIC-----	-	-	11	7	6	6	231	79	4,733	1,384	3,200	2,691
New York-----	-	-	4	1	2	4	97	25	1,896	677	1,357	1,652
New Jersey-----	-	-	-	1	4	-	58	8	1,161	119	827	803
Pennsylvania-----	-	-	7	5	-	2	76	46	1,676	588	1,016	236
EAST NORTH CENTRAL-----	1	-	8	22	10	6	392	116	6,376	2,740	4,993	7,217
Ohio-----	-	-	1	14	1	1	133	36	2,378	856	751	708
Indiana-----	-	-	1	3	-	2	51	14	1,057	385	255	523
Illinois-----	1	-	5	2	7	-	55	28	994	578	680	1,439
Michigan-----	-	-	1	3	2	2	137	29	1,791	783	1,467	2,128
Wisconsin-----	-	-	-	-	-	1	16	9	156	138	1,840	2,419
WEST NORTH CENTRAL-----	2	-	19	15	1	-	197	62	3,360	1,215	746	465
Minnesota-----	1	-	8	4	-	-	36	7	754	114	51	233
Iowa-----	-	-	1	2	-	-	87	2	964	213	253	39
Missouri-----	-	-	-	2	-	-	25	27	757	448	153	30
North Dakota-----	-	-	2	1	-	-	7	2	70	92	199	114
South Dakota-----	1	-	6	5	-	-	2	3	117	112	2	-
Nebraska-----	-	-	2	-	-	-	15	5	327	109	88	49
Kansas-----	-	-	-	1	1	-	25	16	371	127	NN	NN
SOUTH ATLANTIC-----	4	2	47	60	5	3	219	96	3,873	1,650	2,408	916
Delaware-----	-	-	-	-	-	-	5	11	106	89	42	7
Maryland-----	-	-	1	1	1	-	7	7	345	161	136	99
District of Columbia-----	-	-	2	-	-	-	1	-	40	11	19	55
Virginia-----	1	-	8	8	2	-	52	23	503	348	645	251
West Virginia-----	-	1	1	2	-	-	49	9	891	306	467	158
North Carolina-----	-	-	5	2	1	3	36	11	871	122	245	10
South Carolina-----	-	-	1	15	-	-	6	-	231	31	116	142
Georgia-----	2	1	10	11	-	-	19	13	393	142	9	5
Florida-----	1	-	19	21	1	-	44	22	493	440	729	189
EAST SOUTH CENTRAL-----	-	1	8	35	-	2	288	138	5,291	2,204	1,541	1,816
Kentucky-----	-	-	3	-	-	-	92	39	1,517	914	544	435
Tennessee-----	-	-	2	5	-	1	101	56	2,206	697	721	1,153
Alabama-----	-	1	1	18	-	-	57	36	865	439	191	78
Mississippi-----	-	-	2	12	-	1	38	7	703	154	85	150
WEST SOUTH CENTRAL-----	8	8	148	106	2	-	107	99	2,226	1,134	959	2,316
Arkansas-----	1	-	2	1	1	-	-	5	449	51	-	40
Louisiana-----	-	4	14	25	-	-	9	7	181	43	1	8
Oklahoma-----	-	-	2	5	-	-	8	15	166	174	44	45
Texas-----	7	4	130	75	1	-	90	72	1,430	866	914	2,223
MOUNTAIN-----	2	-	7	28	-	1	92	63	2,092	1,170	772	1,075
Montana-----	-	-	2	2	-	-	12	2	216	48	50	58
Idaho-----	-	-	-	11	-	-	4	-	115	153	16	71
Wyoming-----	-	-	-	5	-	-	3	1	87	9	1	30
Colorado-----	1	-	4	2	-	-	31	44	700	396	184	383
New Mexico-----	-	-	-	3	-	-	5	6	262	196	NN	-
Arizona-----	-	-	-	2	-	1	12	3	286	243	388	303
Utah-----	-	-	-	3	-	-	11	7	354	106	133	182
Nevada-----	1	-	1	-	-	-	14	-	72	19	-	48
PACIFIC-----	1	-	2	1	10	10	176	140	3,422	2,133	2,471	2,811
Washington-----	-	-	-	-	-	-	19	16	451	251	311	740
Oregon-----	-	-	-	-	-	-	28	25	594	407	216	552
California-----	-	-	-	-	10	10	125	90	2,226	1,324	1,933	1,379
Alaska-----	1	-	2	1	-	-	3	8	124	113	6	87
Hawaii-----	-	-	-	-	-	-	1	1	27	38	5	53
Puerto Rico-----	-	5	30	73	-	-	23	6	285	348	37	24

NN-Not Notifiable

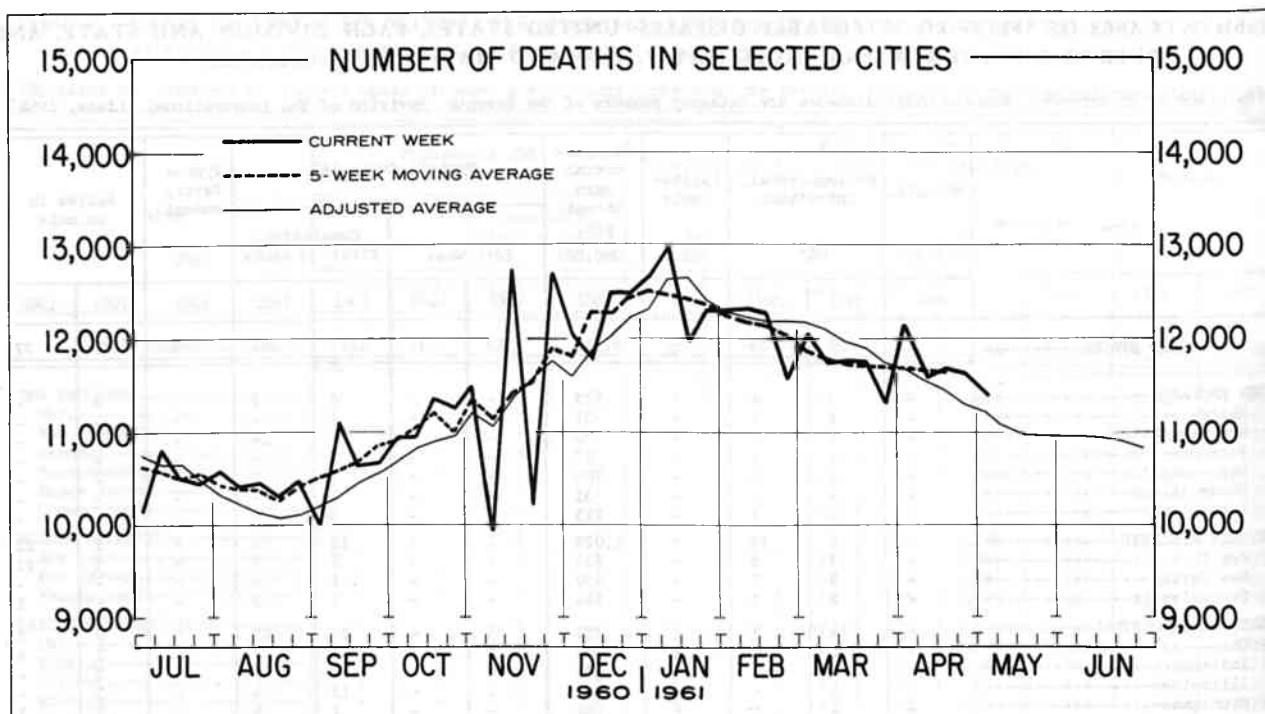
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MAY 7, 1960 AND MAY 6, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1958)

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	18th Week		Cumulative, first 18 weeks		101	700.21	
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	1	54	54	-	8,183	13	11	177	181	1	77	77
NEW ENGLAND-----	-	3	4	-	529	-	-	6	2	-	-	-
Maine-----	-	1	-	-	31	-	-	1	-	-	-	-
New Hampshire-----	-	-	-	-	20	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	27	-	-	-	-	-	-	-
Massachusetts-----	-	2	3	-	205	-	-	1	2	-	-	-
Rhode Island-----	-	-	-	-	31	-	-	1	-	-	-	-
Connecticut-----	-	-	1	-	215	-	-	3	-	-	-	-
MIDDLE ATLANTIC-----	-	8	12	-	1,029	2	1	15	8	-	1	22
New York-----	-	3	8	-	535	2	1	7	6	-	1	21
New Jersey-----	-	3	2	-	350	-	-	1	-	-	-	-
Pennsylvania-----	-	2	2	-	144	-	-	7	2	-	-	1
EAST NORTH CENTRAL-----	-	14	7	-	838	3	-	24	23	-	9	7
Ohio-----	-	6	2	-	205	1	-	7	2	-	2	6
Indiana-----	-	3	-	-	138	-	-	2	8	-	2	-
Illinois-----	-	1	-	-	135	2	-	13	4	-	3	-
Michigan-----	-	4	5	-	154	-	-	1	5	-	2	1
Wisconsin-----	-	-	-	-	206	-	-	1	4	-	-	-
WEST NORTH CENTRAL-----	-	3	5	-	224	4	-	17	10	-	22	12
Minnesota-----	-	-	3	-	14	-	-	5	1	-	3	2
Iowa-----	-	-	-	-	48	-	-	1	-	-	3	4
Missouri-----	-	2	1	-	6	3	-	8	8	-	5	4
North Dakota-----	-	-	-	-	105	-	-	-	-	-	3	2
South Dakota-----	-	-	-	-	3	1	-	1	1	-	5	-
Nebraska-----	-	-	1	-	-	-	-	-	-	-	3	-
Kansas-----	-	1	-	-	48	-	-	2	-	-	-	-
SOUTH ATLANTIC-----	-	11	6	-	724	-	2	28	24	1	14	7
Delaware-----	-	-	-	-	3	-	-	-	-	-	-	-
Maryland-----	-	2	2	-	15	-	-	-	-	-	-	-
District of Columbia-----	-	2	-	-	3	-	-	1	1	-	-	-
Virginia-----	-	1	1	-	139	-	-	1	3	-	5	2
West Virginia-----	-	1	-	-	227	-	-	4	1	-	5	3
North Carolina-----	-	-	1	-	36	-	-	6	7	-	1	-
South Carolina-----	-	2	2	-	31	-	-	2	6	-	-	-
Georgia-----	-	1	-	-	-	-	1	12	1	1	-	1
Florida-----	-	2	-	-	270	-	1	2	5	-	3	1
EAST SOUTH CENTRAL-----	-	2	5	-	1,486	3	2	24	34	-	6	13
Kentucky-----	-	-	3	-	351	2	-	6	11	-	-	4
Tennessee-----	-	2	1	-	1,103	1	1	16	18	-	4	6
Alabama-----	-	-	1	-	16	-	1	2	4	-	2	2
Mississippi-----	-	-	-	-	16	-	-	-	1	-	-	1
WEST SOUTH CENTRAL-----	-	3	10	-	1,103	-	5	27	52	-	19	12
Arkansas-----	-	1	1	-	17	-	1	3	16	-	2	4
Louisiana-----	-	2	3	-	8	-	-	4	12	-	3	-
Oklahoma-----	-	-	1	-	47	-	2	3	5	-	-	-
Texas-----	-	-	5	-	1,031	-	2	17	19	-	14	8
MOUNTAIN-----	-	3	-	-	1,353	1	-	16	12	-	1	-
Montana-----	-	-	-	-	15	1	-	2	5	-	-	-
Idaho-----	-	-	-	-	98	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	102	-	-	1	1	-	-	-
Colorado-----	-	-	-	-	400	-	-	5	-	-	-	-
New Mexico-----	-	-	-	-	320	-	-	3	4	-	1	-
Arizona-----	-	-	-	-	236	-	-	2	2	-	-	-
Utah-----	-	-	-	-	180	-	-	2	-	-	-	-
Nevada-----	-	3	-	-	2	-	-	1	-	-	-	-
PACIFIC-----	1	7	5	-	897	-	1	20	16	-	5	4
Washington-----	-	2	-	-	480	-	1	2	1	-	-	-
Oregon-----	-	-	1	-	73	-	-	-	-	-	-	-
California-----	1	4	4	-	313	-	-	18	15	-	5	4
Alaska-----	-	1	-	-	25	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	6	-	-	-	-	-	-	-
Puerto Rico-----	-	1	-	-	5	-	-	7	15	-	2	-



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	18th week ended May 6, 1961	17th week ended April 29, 1961	Adjusted average, 18th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 18 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	11,394	11,681	11,210	+1.6	215,617	225,374	-4.3
New England----- (14 cities)	724	726	676	+7.1	13,268	14,243	-6.8
Middle Atlantic----- (20 cities)	3,323	3,350	3,118	+6.6	61,978	61,807	+0.3
East North Central----- (21 cities)	2,559*	2,503	2,388	+7.2	45,595	48,431	-5.9
West North Central----- (9 cities)	748	833	815	-8.2	14,536	15,664	-7.2
South Atlantic----- (11 cities)	1,000	1,025	941	+6.3	18,645	19,819	-5.9
East South Central----- (8 cities)	479	557	500	-4.2	9,875	10,338	-4.5
West South Central----- (13 cities)	949	991	975	-2.7	18,512	19,885	-6.9
Mountain----- (8 cities)	360	329	352	+2.3	6,851	6,996	-2.1
Pacific----- (13 cities)	1,252	1,367	1,445	-13.4	26,357	28,191	-6.5

*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	18th week ended May 6, 1961	17th week ended April 29, 1961	Cumulative, first 18 weeks		Area	18th week ended May 6, 1961	17th week ended April 29, 1961	Cumulative, first 18 weeks						
			1961	1960				1961	1960					
NEW ENGLAND:														
Boston, Mass.-----	246	246	4,558	4,968	WEST NORTH CENTRAL--Con.:									
Bridgeport, Conn.-----	29	41	711	827	St. Louis, Mo.-----	219	225	4,414	4,884					
Cambridge, Mass.-----	33	30	564	620	St. Paul, Minn.-----	69	63	1,228	1,340					
Fall River, Mass.-----	31	29	501	570	Wichita, Kans.-----	45	38	821	864					
Hartford, Conn.-----	48	47	871	898	SOUTH ATLANTIC:									
Lowell, Mass.-----	27	19	442	466	Atlanta, Ga.-----	101	116	2,137	2,267					
Lynn, Mass.-----	25	24	426	499	Baltimore, Md.-----	218	267	4,681	5,051					
New Bedford, Mass.-----	29	25	500	502	Charlotte, N.C.-----	32	38	656	829					
New Haven, Conn.-----	54	43	860	855	Jacksonville, Fla.-----	55	48	1,088	1,234					
Providence, R.I.-----	69	68	1,156	1,254	Miami, Fla.-----	91	68	1,400	1,455					
Somerville, Mass.-----	11	10	236	287	Norfolk, Va.-----	70	54	942	833					
Springfield, Mass.-----	36	50	874	920	Richmond, Va.-----	76	89	1,478	1,606					
Waterbury, Conn.-----	33	28	520	528	Savannah, Ga.-----	38	33	634	733					
Worcester, Mass.-----	53	66	1,049	1,049	St. Petersburg, Fla.-----	(63)	(63)	(1,397)	(1,475)					
MIDDLE ATLANTIC:														
Albany, N.Y.-----	28	54	862	834	Tampa, Fla.-----	68	63	1,280	1,286					
Allentown, Pa.-----	30	36	638	681	Washington, D.C.-----	205	217	3,622	3,771					
Buffalo, N.Y.-----	139	167	2,704	2,812	Wilmington, Del.-----	46	32	727	754					
Camden, N.J.-----	55	40	812	835	EAST SOUTH CENTRAL:									
Elizabeth, N.J.-----	40	21	545	569	Birmingham, Ala.-----	82	102	1,652	1,689					
Erie, Pa.-----	36	37	729	733	Chattanooga, Tenn.-----	45	43	923	926					
Jersey City, N.J.-----	86	90	1,338	1,378	Knoxville, Tenn.-----	27	26	516	557					
Newark, N.J.-----	121	104	1,959	1,895	Louisville, Ky.-----	75	160	2,093	2,206					
New York City, N.Y.-----	1,630	1,684	31,872	31,334	Memphis, Tenn.-----	115	90	2,204	2,261					
Paterson, N.J.-----	41	33	706	755	Mobile, Ala.-----	39	48	768	835					
Philadelphia, Pa.-----	528	510	9,694	9,541	Montgomery, Ala.-----	37	33	601	674					
Pittsburgh, Pa.-----	273	217	3,618	3,761	Nashville, Tenn.-----	59	55	1,118	1,190					
Reading, Pa.-----	26	25	400	450	WEST SOUTH CENTRAL:									
Rochester, N.Y.-----	86	103	1,852	1,926	Austin, Tex.-----	42	47	649	694					
Schenectady, N.Y.-----	18	22	450	457	Baton Rouge, La.-----	44	34	559	586					
Scranton, Pa.-----	29	28	672	729	Corpus Christi, Tex.-----	19	19	436	490					
Syracuse, N.Y.-----	71	69	1,146	1,194	Dallas, Tex.-----	104	141	2,291	2,423					
Trenton, N.J.-----	30	45	821	787	El Paso, Tex.-----	47	21	684	736					
Utica, N.Y.-----	23	21	535	543	Fort Worth, Tex.-----	67	73	1,251	1,299					
Yonkers, N.Y.-----	33	44	625	593	Houston, Tex.-----	135	195	3,123	3,262					
EAST NORTH CENTRAL:														
Akron, Ohio-----	59*	57	1,039	1,066	Little Rock, Ark.-----	46	53	1,026	1,174					
Canton, Ohio-----	24	34	569	702	New Orleans, La.-----	136	176	3,115	3,571					
Chicago, Ill.-----	757	774	13,822	14,874	Oklahoma City, Okla.-----	91	70	1,448	1,487					
Cincinnati, Ohio-----	180	153	2,930	3,124	San Antonio, Tex.-----	102	83	1,925	2,025					
Cleveland, Ohio-----	211	240	3,854	4,151	Shreveport, La.-----	54	51	984	1,025					
Columbus, Ohio-----	113	141	2,121	2,342	Tulsa, Okla.-----	62	28	1,021	1,113					
Dayton, Ohio-----	80	62	1,499	1,367	MOUNTAIN:									
Detroit, Mich.-----	361	315	6,168	6,684	Albuquerque, N. Mex.-----	27	23	575	582					
Evansville, Ind.-----	49	33	684	733	Colorado Springs, Colo.-----	20	17	306	332					
Flint, Mich.-----	45	54	791	761	Denver, Colo.-----	104	99	2,137	2,302					
Fort Wayne, Ind.-----	36	33	733	700	Ogden, Utah-----	10	17	281	324					
Gary, Ind.-----	33*	41	569	579	Phoenix, Ariz.-----	82	82	1,583	1,540					
Grand Rapids, Mich.-----	41	37	827	789	Pueblo, Colo.-----	18	19	306	280					
Indianapolis, Ind.-----	155	135	2,722	2,815	Salt Lake City, Utah-----	66	39	912	927					
Madison, Wis.-----	44	31	579	602	Tucson, Ariz.-----	33	33	751	709					
Milwaukee, Wis.-----	140	132	2,268	2,420	PACIFIC:									
Peoria, Ill.-----	17	28	533	571	Berkeley, Calif.-----	20	18	307	327					
Rockford, Ill.-----	28	27	516	545	Fresno, Calif.-----	(38)	(48)	(809)	(908)					
South Bend, Ind.-----	38	23	524	557	Glendale, Calif.-----	(60)	(15)	(615)	(764)					
Toledo, Ohio-----	93	102	1,806	1,953	Honolulu, Hawaii-----	40	35	738	798					
Youngstown, Ohio-----	55	51	1,041	1,096	Long Beach, Calif.-----	49	63	1,088	1,049					
WEST NORTH CENTRAL:														
Des Moines, Iowa-----	55	60	971	1,058	Los Angeles, Calif.-----	420	515	9,442	10,263					
Duluth, Minn.-----	19	21	467	486	Oakland, Calif.-----	79	95	1,766	1,868					
Kansas City, Kans.-----	32	39	712	669	Pasadena, Calif.-----	32	25	604	673					
Kansas City, Mo.-----	115	182	2,338	2,517	Portland, Oreg.-----	115	112	1,930	2,078					
Lincoln, Nebr.-----	(21)	(26)	(515)	(475)	Sacramento, Calif.-----	52	62	1,137	1,131					
Minneapolis, Minn.-----	131	131	2,292	2,380	San Diego, Calif.-----	71	64	1,624	1,787					
Omaha, Nebr.-----	63	74	1,293	1,466	San Francisco, Calif.-----	156	186	3,722	3,816					
					San Jose, Calif.-----	(38)	(37)	(655)	(602)					
					Seattle, Wash.-----	147	102	2,435	2,682					
					Spokane, Wash.-----	36	53	823	878					
					Tacoma, Wash.-----	35	37	741	841					
					San Juan, P. R.-----	(38)	(45)	(630)	(647)					

*Estimate - based on average percentage of divisional total.

() 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.

that there was a large epidemic among the 1500 employees of a swine slaughtering plant in that State. The epidemic began late in 1959 and extended into the first half of 1960. There were 128 clinical cases which is the largest epidemic to be reported in recent years.

Epidemiological reports submitted to the Communicable Disease Center indicate that most of the human infections in 1960 were due to occupational exposure, and a large proportion were associated with swine.

(Prepared by the Veterinary Public Health Section, Communicable Disease Center).

HEPATITIS CASES BY AGE*
WEEK ENDING MAY 6, 1961

State	Under 20 years	20 Years and over	Age Un- specified	Total
Maine	—	1	—	1
New Hampshire	4	1	1	6
Vermont	4	—	—	4
Massachusetts	11	5	—	16
Rhode Island	—	2	—	2
Connecticut	5	7	1	13
Upst. New York	22	31	—	53
New York City	17	27	—	44
New Jersey	11	47	—	58
Indiana	36	12	3	51
Illinois	25	14	16	55
Minnesota	16	17	3	36
Iowa	47	17	23	87
Missouri	11	13	1	25
North Dakota	3	3	1	7
South Dakota	—	2	—	2
Nebraska	7	2	6	15
Kansas	14	11	—	25
Maryland	5	2	—	7
D. C.	—	1	—	1
Virginia	38	10	4	52
West Virginia	44	5	—	49
North Carolina	28	8	—	36
South Carolina	5	1	—	6
Georgia	14	3	2	19
Florida	30	14	—	44
Kentucky	68	19	5	92
Tennessee	83	17	1	101
Alabama	41	16	—	57
Oklahoma	7	1	—	8
Texas	54	28	8	90
Montana	11	1	—	12
Colorado	5	7	19	31
Utah	10	1	—	11
Washington	5	7	7	19
Oregon	13	15	—	28
Alaska	2	1	—	3

* States not reporting age classification are not listed

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