

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 4, 1961

Poliomyelitis - There has been a sharp decrease in the number of poliomyelitis cases reported during the current week ending November 4. A total of 36 cases, 21 paralytic, was reported compared to the total of 51 cases, 37 paralytic, reported the preceding week. During the corresponding week in 1960, a total of 88 cases, including 65 paralytic, was reported.

Paralytic cases reported thus far in 1961 constitute 38 percent of those reported during this similar period in 1957 and 1960, the previous low years. This is shown in column 2.

Polio (Cumulated Weekly) Through the 44th Week For Past Five Years

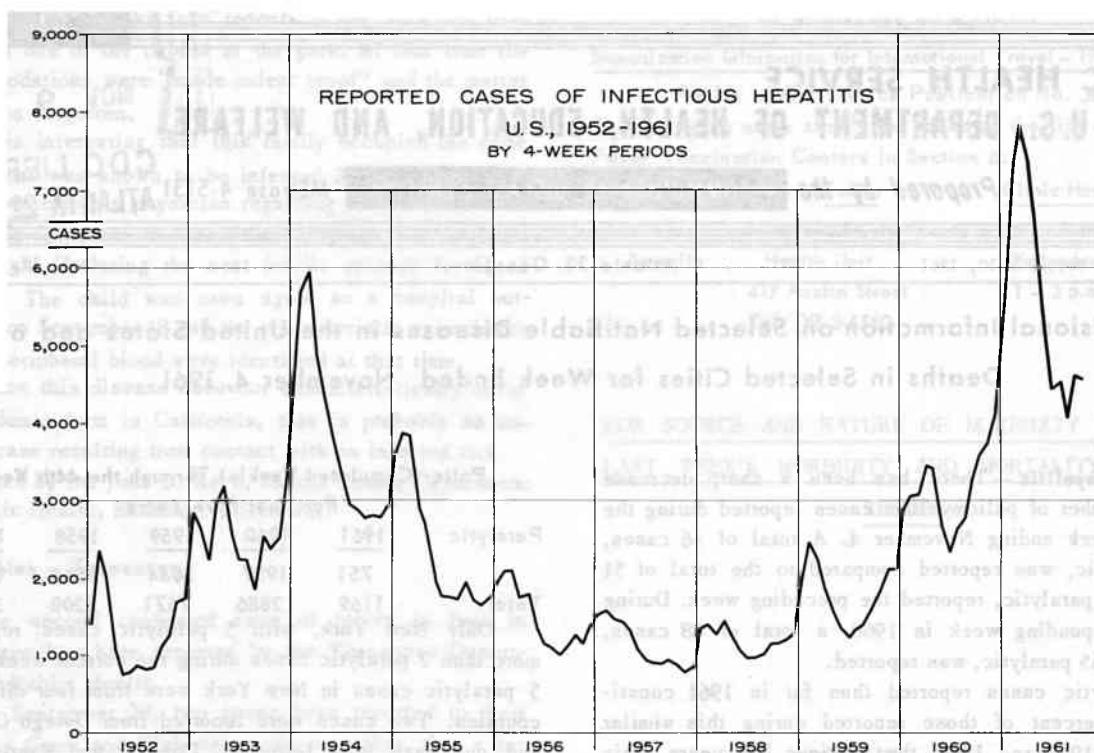
Paralytic	1961	1960	1959	1958	1957
	751	1997	5044	2585	1954
Total	1169	2886	7671	5200	5574

Only New York, with 5 paralytic cases, reported more than 2 paralytic cases during the current week. The 5 paralytic cases in New York were from four different counties. Two cases were reported from Oswego County and one each from Jefferson, Oneida, and Montgomery Counties.

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)	44th Week			Cumulative						Approximate seasonal low point
	Ended Nov. 4, 1961	Ended Nov. 5, 1960	Median 1956-60	First 44 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	-	-	*	6	15	*	*	*	*	*
Botulism-----049.1	-	-	*	5	10	*	*	*	*	*
Brucellosis (undulant fever)-----044	8	10	11	498	667	692	*	*	*	*
Diphtheria-----055	14	51	38	484	626	708	175	281	311	July 1
Encephalitis, infectious-----082	39	29	54	1,433	1,628	1,838	1,433	1,628	1,838	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,112	925	325	62,993	33,047	16,662	10,175	7,374	2,625	Sept. 1
Malaria-----110-117	1	1	*	51	61	*	*	*	*	*
Measles-----085	1,787	1,432	1,611	394,853	409,089	456,456	9,225	9,041	9,990	Sept. 1
Meningitis, aseptic-----340 pt.	67	72	---	2,788	2,646	---	2,788	2,646	---	Jan. 1
Meningococcal infections-----057	60	47	46	1,829	1,875	2,097	314	337	360	Sept. 1
Poliomyelitis-----080	36	88	180	1,169	2,886	5,562	1,066	2,676	5,034	Apr. 1
Paralytic-----080.0,080.1	21	65	136	751	1,997	1,944	691	1,834	1,669	Apr. 1
Nonparalytic-----080.2	13	11	34	284	589	2,722	259	564	2,561	Apr. 1
Unspecified-----080.3	2	12	10	134	300	896	116	278	804	Apr. 1
Psittacosis-----096.2	-	3	*	54	87	*	*	*	*	*
Rabies in man-----094	-	-	*	3	2	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	4,822	4,597	---	268,482	259,664	---	49,271	---	---	Aug. 1
Typhoid fever-----040	24	18	20	706	722	907	592	591	727	Apr. 1
Typhus fever, endemic-----101	-	1	*	37	57	*	*	*	*	*
Rabies in animals-----	53	52	55	2,931	2,985	3,701	297	214	302	Oct. 1



The 9 cases of nonparalytic poliomyelitis reported by Maryland represent delayed reports. Of the 9 cases, 2 had onset in July, 5 in August and 2 in September. Type III poliovirus was isolated from 8 of the 9 cases.

Hepatitis — The number of cases of hepatitis reported for the 44th week was approximately the same as had been reported the preceding week. There has been little change in the number of cases that has been reported weekly for the past four months. A total of 1,112 cases was reported for the 44th week while 1,121 cases had been reported the preceding week. Hepatitis morbidity from 1952 through the 44th week of 1961 is shown in the figure at the top of page 2.

Diphtheria — Diphtheria morbidity continues at a low level with 14 cases reported for the week ending November 4. Fifty-one cases had been reported for the comparable week in 1960. Twelve of the 14 cases fall in the southern tier of States following the pattern consistently observed for diphtheria in past years.

EPIDEMIOLOGICAL REPORTS

Murine Typhus — Rhode Island

A presumptive case of murine typhus has recently been reported from Rhode Island. The case occurred in a four year old white girl who also suffered from severe congenital heart disease. She entered Rhode Island Hospital in Providence on July 31 with a one-week history of fever, lethargy, anorexia, occasional vomiting and a macular erythematous rash on the lower leg which disappeared in three to four days. On admission many bite marks were noted on the body. In spite of antibiotic therapy for suspected subacute bacterial endocarditis, the child continued to run a low daily fever for several weeks. Multiple blood cultures and urine cultures were consistently negative. Antibiotic regimens included penicillin, streptomycin, and sulfa drugs.

On September 1, the fever spiked to 104 and an erythematous macular lesion developed on the upper

(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 NOVEMBER 5, 1960 AND NOVEMBER 4, 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			
	44th Week		Cumulative, first 44 weeks		44th Week		Cumulative, first 44 weeks					
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES-----	36	88	1,169	2,886	21	65	751	1,997	13	11	67	8
NEW ENGLAND-----	2	4	31	218	2	4	21	171	-	-	5	-
Maine-----	1	-	4	43	1	-	4	42	-	-	-	-
New Hampshire-----	-	-	2	-	-	-	-	-	-	-	-	-
Vermont-----	1	2	6	9	1	2	5	4	-	-	-	-
Massachusetts-----	-	-	13	29	-	-	8	19	-	-	4	-
Rhode Island-----	-	1	1	102	-	1	1	78	-	-	1	-
Connecticut-----	-	1	5	35	-	1	3	28	-	-	-	-
MIDDLE ATLANTIC-----	10	15	311	429	8	10	209	302	1	3	3	1
New York-----	7	7	225	236	5	3	146	153	1	2	-	-
New Jersey-----	1	1	35	80	1	1	28	59	-	-	-	-
Pennsylvania-----	2	7	51	113	2	6	35	90	-	1	3	1
EAST NORTH CENTRAL-----	3	15	148	491	2	9	90	296	-	3	20	1
Ohio-----	1	1	43	112	-	-	19	57	-	-	1	-
Indiana-----	-	8	17	118	-	7	10	88	-	1	-	-
Illinois-----	2	4	32	137	2	2	15	90	-	1	7	1
Michigan-----	-	1	27	89	-	-	23	50	-	1	12	-
Wisconsin-----	-	1	29	35	-	-	23	11	-	-	-	-
WEST NORTH CENTRAL-----	1	6	69	167	-	5	30	98	1	1	6	2
Minnesota-----	-	1	6	53	-	1	6	44	-	-	6	-
Iowa-----	-	-	18	21	-	-	9	4	-	-	-	2
Missouri-----	1	5	23	41	-	4	6	30	1	1	-	-
North Dakota-----	-	-	4	14	-	-	1	5	-	-	-	-
South Dakota-----	-	-	1	4	-	-	-	1	-	-	-	-
Nebraska-----	-	-	8	15	-	-	4	8	-	-	-	-
Kansas-----	-	-	9	19	-	-	4	6	-	-	-	-
SOUTH ATLANTIC-----	11	24	205	530	2	19	146	419	9	3	7	-
Delaware-----	-	-	2	-	-	-	1	-	-	-	-	-
Maryland-----	9	8	40	141	-	7	30	127	9	1	-	-
District of Columbia-----	-	-	3	5	-	-	3	5	-	-	-	-
Virginia-----	-	3	12	37	-	3	10	34	-	-	5	-
West Virginia-----	1	5	31	55	1	3	21	45	-	1	1	-
North Carolina-----	-	1	21	82	-	1	11	62	-	-	-	-
South Carolina-----	-	2	33	126	-	2	25	84	-	-	-	-
Georgia-----	-	1	30	20	-	1	23	18	-	-	-	-
Florida-----	1	4	33	64	1	2	22	44	-	1	1	-
EAST SOUTH CENTRAL-----	2	5	79	231	2	1	46	93	-	-	5	1
Kentucky-----	-	4	27	128	-	-	5	5	-	-	-	-
Tennessee-----	-	1	19	44	-	1	9	29	-	-	-	1
Alabama-----	1	-	10	21	1	-	10	21	-	-	1	-
Mississippi-----	1	-	23	38	1	-	22	38	-	-	4	-
WEST SOUTH CENTRAL-----	3	4	143	263	2	4	77	164	1	-	5	1
Arkansas-----	1	-	19	30	-	-	8	22	1	-	2	-
Louisiana-----	1	1	50	48	1	1	39	29	-	-	-	1
Oklahoma-----	-	1	4	17	-	1	-	12	-	-	1	-
Texas-----	1	2	70	168	1	2	30	101	-	-	2	-
MOUNTAIN-----	-	7	44	84	-	6	25	44	-	-	-	-
Montana-----	-	1	4	21	-	1	2	15	-	-	-	-
Idaho-----	-	1	14	9	-	-	6	1	-	-	-	-
Wyoming-----	-	-	-	19	-	-	-	1	-	-	-	-
Colorado-----	-	4	7	19	-	4	7	18	-	-	-	-
New Mexico-----	-	-	3	5	-	-	-	2	-	-	-	-
Arizona-----	-	1	8	5	-	1	6	5	-	-	-	-
Utah-----	-	-	8	6	-	-	4	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	4	8	139	473	3	7	107	410	1	1	16	2
Washington-----	2	1	25	33	2	1	17	33	-	-	2	-
Oregon-----	1	1	17	34	-	1	8	19	1	-	1	1
California-----	-	6	92	397	-	5	77	349	-	1	13	1
Alaska-----	-	-	-	2	-	-	-	2	-	-	-	-
Hawaii-----	1	-	5	7	1	-	5	7	-	-	-	-
Puerto Rico-----	-	6	6	486	-	5	6	477	-	1	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 5, 1960 AND NOVEMBER 4, 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	
	44th Week		Cumulative, first 44 weeks		082		44th Week		Cumulative, first 44 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	14	51	484	626	39	29	1,112	925	62,993	33,047	1,787	1,432
NEW ENGLAND-----	-	1	8	12	1	-	62	21	2,021	959	274	145
Maine-----	-	-	-	2	-	-	6	3	139	61	81	4
New Hampshire-----	-	-	-	-	-	-	5	-	179	27	21	1
Vermont-----	-	-	-	-	-	-	1	-	187	13	5	5
Massachusetts-----	-	1	7	9	1	-	36	7	843	474	126	96
Rhode Island-----	-	-	-	1	-	-	5	3	228	186	2	23
Connecticut-----	-	-	1	-	-	-	9	8	445	198	39	16
MIDDLE ATLANTIC-----	-	2	20	15	7	7	116	142	8,557	4,069	116	283
New York-----	-	1	7	4	5	3	54	80	3,675	2,232	76	135
New Jersey-----	-	-	-	2	-	3	35	12	2,023	284	31	36
Pennsylvania-----	-	1	13	9	2	1	27	50	2,859	1,553	9	112
EAST NORTH CENTRAL-----	-	1	16	40	7	2	239	183	12,547	5,919	269	369
Ohio-----	-	-	1	16	3	1	67	71	4,176	2,022	16	72
Indiana-----	-	-	2	6	-	-	30	16	1,862	664	-	19
Illinois-----	-	-	10	6	2	-	41	55	2,281	1,289	119	52
Michigan-----	-	1	3	10	2	1	100	36	3,913	1,733	75	96
Wisconsin-----	-	-	-	2	-	-	1	5	315	211	59	130
WEST NORTH CENTRAL-----	2	4	44	45	2	4	109	24	6,021	2,295	60	62
Minnesota-----	2	2	28	21	-	-	43	9	1,362	346	14	2
Iowa-----	-	1	2	8	-	-	34	2	1,776	372	6	23
Missouri-----	-	-	1	2	-	-	12	3	1,317	795	2	3
North Dakota-----	-	-	4	2	-	-	2	-	129	163	35	33
South Dakota-----	-	1	7	9	-	-	3	2	188	141	3	-
Nebraska-----	-	-	2	1	-	2	9	5	597	237	-	1
Kansas-----	-	-	-	2	2	2	6	3	652	241	NN	NN
SOUTH ATLANTIC-----	7	15	118	197	1	6	124	90	7,931	3,827	205	132
Delaware-----	-	-	-	-	-	-	-	5	176	228	-	2
Maryland-----	-	-	1	1	-	2	10	7	695	378	20	6
District of Columbia-----	1	-	3	-	-	-	6	2	121	49	1	-
Virginia-----	-	3	15	35	-	2	30	5	1,295	689	22	20
West Virginia-----	-	-	1	4	-	-	15	26	1,409	717	126	11
North Carolina-----	1	2	12	13	1	-	36	7	1,810	350	20	18
South Carolina-----	-	-	10	46	-	-	6	5	421	134	1	27
Georgia-----	5	1	36	34	-	-	4	11	694	251	4	1
Florida-----	-	9	40	64	-	2	17	22	1,310	1,031	11	47
EAST SOUTH CENTRAL-----	1	12	38	73	1	1	172	134	9,447	4,686	122	23
Kentucky-----	-	9	9	13	-	-	47	29	2,771	1,661	9	-
Tennessee-----	-	-	3	7	-	1	59	53	3,687	1,560	100	17
Alabama-----	-	1	19	28	-	-	20	35	1,627	1,027	8	6
Mississippi-----	1	2	7	25	1	-	46	17	1,362	438	5	-
WEST SOUTH CENTRAL-----	4	15	220	207	10	-	89	53	4,581	2,572	260	69
Arkansas-----	-	2	4	16	1	-	12	6	891	170	2	-
Louisiana-----	-	9	26	55	-	-	15	5	497	152	-	-
Oklahoma-----	-	1	9	19	2	-	9	3	312	307	82	-
Texas-----	4	3	181	117	7	-	53	39	2,881	1,943	176	69
MOUNTAIN-----	-	1	12	36	3	1	44	66	3,701	2,573	142	98
Montana-----	-	-	2	3	-	-	2	2	316	130	55	20
Idaho-----	-	-	-	11	-	-	4	8	277	285	32	20
Wyoming-----	-	-	-	5	-	-	-	-	150	29	-	2
Colorado-----	-	-	4	3	-	-	11	24	1,245	944	15	7
New Mexico-----	-	-	5	4	-	-	6	5	408	289	NN	-
Arizona-----	-	-	-	3	2	1	3	12	595	570	11	31
Utah-----	-	1	-	7	1	-	14	4	583	235	19	15
Nevada-----	-	-	1	-	-	-	4	11	127	91	10	3
PACIFIC-----	-	-	8	1	7	8	157	212	8,187	6,147	339	251
Washington-----	-	-	2	-	-	-	25	55	938	781	115	124
Oregon-----	-	-	-	-	-	-	25	23	1,283	983	44	35
California-----	-	-	2	-	7	7	98	107	5,521	4,088	135	86
Alaska-----	-	-	4	1	-	1	8	26	383	217	44	-
Hawaii-----	-	-	-	-	-	-	1	1	62	78	1	6
Puerto Rico-----	-	2	53	122	-	-	17	20	864	659	72	26

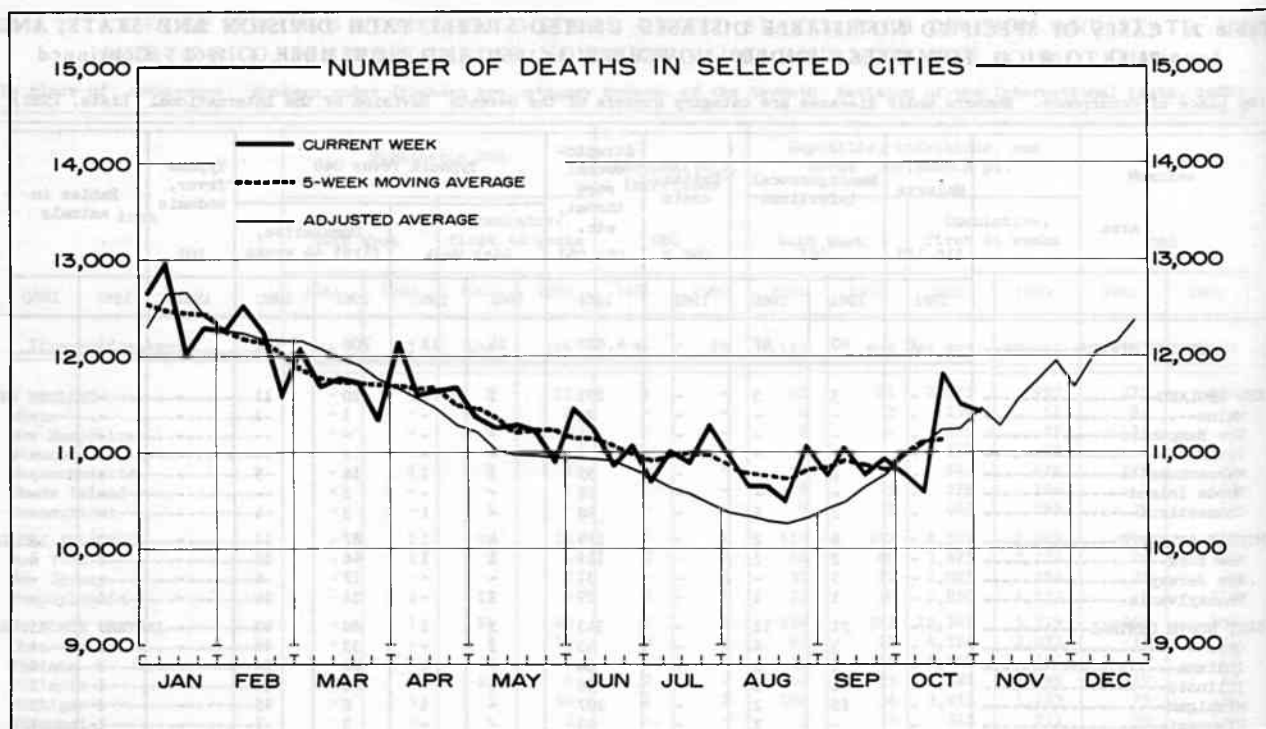
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 5, 1960 AND NOVEMBER 4, 1961 - Continued

(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	44th Week		Cumulative, first 44 weeks		101	Rabies in animals	
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	1	60	47	-	4,822	24	18	706	722	-	53	52
NEW ENGLAND-----	-	3	5	-	201	1	2	20	11	-	-	-
Maine-----	-	-	-	-	22	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	4	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	4	-	-	-	-	-	-	-
Massachusetts-----	-	1	-	-	55	1	1	14	5	-	-	-
Rhode Island-----	-	-	-	-	28	-	-	2	-	-	-	-
Connecticut-----	-	2	5	-	88	-	1	3	4	-	-	-
MIDDLE ATLANTIC-----	-	8	2	-	179	4	1	87	52	-	3	4
New York-----	-	2	1	-	119	1	1	46	32	-	2	4
New Jersey-----	-	5	-	-	31	-	-	17	6	-	-	-
Pennsylvania-----	-	1	1	-	29	3	-	24	14	-	1	-
EAST NORTH CENTRAL-----	-	21	11	-	345	3	2	89	93	-	9	5
Ohio-----	-	3	4	-	43	2	-	32	26	-	2	-
Indiana-----	-	2	1	-	64	-	1	20	24	-	3	1
Illinois-----	-	1	2	-	66	1	-	28	21	-	1	2
Michigan-----	-	15	2	-	107	-	1	6	15	-	2	1
Wisconsin-----	-	-	2	-	65	-	-	3	7	-	1	1
WEST NORTH CENTRAL-----	-	13	4	-	125	1	3	34	44	-	18	5
Minnesota-----	-	1	3	-	6	-	-	5	1	-	6	-
Iowa-----	-	-	-	-	32	-	2	2	11	-	5	3
Missouri-----	-	-	-	-	8	-	1	20	23	-	3	1
North Dakota-----	-	1	1	-	73	-	-	-	1	-	2	-
South Dakota-----	-	-	-	-	4	-	-	3	3	-	2	1
Nebraska-----	-	-	-	-	-	-	-	1	3	-	-	-
Kansas-----	-	11	-	-	2	1	-	3	2	-	-	-
SOUTH ATLANTIC-----	-	8	13	-	379	1	2	112	108	-	2	5
Delaware-----	-	2	-	-	2	-	-	1	1	-	-	-
Maryland-----	-	1	1	-	13	1	-	3	5	-	-	-
District of Columbia-----	-	2	-	-	1	-	-	11	8	-	-	-
Virginia-----	-	2	2	-	121	-	-	19	23	-	-	3
West Virginia-----	-	-	3	-	116	-	1	10	11	-	1	2
North Carolina-----	-	-	1	-	29	-	-	14	9	-	-	-
South Carolina-----	-	-	-	-	18	-	-	8	12	-	-	-
Georgia-----	-	-	5	-	-	-	-	34	26	-	-	-
Florida-----	-	1	1	-	79	-	1	12	13	-	1	-
EAST SOUTH CENTRAL-----	-	-	2	-	933	-	3	77	106	-	5	6
Kentucky-----	-	-	1	-	51	-	-	18	24	-	3	1
Tennessee-----	-	-	1	-	767	-	-	47	55	-	2	4
Alabama-----	-	-	-	-	37	-	2	10	21	-	-	1
Mississippi-----	-	-	-	-	78	-	1	2	6	-	-	-
WEST SOUTH CENTRAL-----	-	1	3	-	641	4	1	150	197	-	14	27
Arkansas-----	-	-	-	-	5	-	-	29	50	-	-	17
Louisiana-----	-	1	1	-	5	3	-	25	58	-	-	-
Oklahoma-----	-	-	-	-	10	-	-	12	12	-	-	-
Texas-----	-	-	2	-	621	1	1	84	77	-	14	10
MOUNTAIN-----	-	2	2	-	1,086	1	4	60	44	-	-	-
Montana-----	-	-	-	-	63	-	2	18	13	-	-	-
Idaho-----	-	-	-	-	85	-	-	1	3	-	-	-
Wyoming-----	-	-	-	-	41	-	-	3	4	-	-	-
Colorado-----	-	2	2	-	383	-	-	7	1	-	-	-
New Mexico-----	-	-	-	-	286	-	2	16	12	-	-	-
Arizona-----	-	-	-	-	149	1	-	9	9	-	-	-
Utah-----	-	-	-	-	78	-	-	2	2	-	-	-
Nevada-----	-	-	-	-	1	-	-	4	-	-	-	-
PACIFIC-----	1	4	5	-	933	9	-	77	67	-	2	-
Washington-----	-	-	1	-	306	-	-	7	5	-	-	-
Oregon-----	-	-	1	-	34	-	-	1	8	-	-	-
California-----	1	4	3	-	526	8	-	67	53	-	2	-
Alaska-----	-	-	-	-	29	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	38	1	-	2	-	-	-	-
Puerto Rico-----	-	1	-	-	2	1	-	19	19	-	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	44th week ended Nov. 4, 1961	43rd week ended Oct. 28, 1961	Adjusted average, 44th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 44 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	11,418	11,517	11,455	-0.3	502,382	505,235	-0.6
New England----- (14 cities)	728	745	683	+6.6	30,866	31,751	-2.8
Middle Atlantic----- (20 cities)	3,201	3,196	3,140	+1.9	142,884	140,394	+1.8
East North Central----- (21 cities)	2,435	2,434	2,438	-0.1	107,328	109,342	-1.8
West North Central----- (9 cities)	839	744	842	-0.4	34,287	35,163	-2.5
South Atlantic----- (11 cities)	962	1,028	965	-0.3	43,456	43,278	+0.4
East South Central----- (8 cities)	490	521	521	-6.0	22,672	22,826	-0.7
West South Central----- (13 cities)	1,001	990	1,048	-4.5	43,011	44,008	-2.3
Mountain----- (8 cities)	379	377	353	+7.4	16,076	15,846	+1.5
Pacific----- (13 cities)	1,383	1,482	1,465	-5.6	61,802	62,627	-1.3

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Table 4. DEATHS IN SELECTED CITIES

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

Area	44th week ended Nov. 4, 1961	43rd week ended Oct. 28, 1961	Cumulative, first 44 weeks		Area	44th week ended Nov. 4, 1961	43rd week ended Oct. 28, 1961	Cumulative, first 44 weeks	
			1961	1960				1961	1960
NEW ENGLAND:					WEST NORTH CENTRAL--Con.:				
Boston, Mass.-----	242	244	10,596	11,078	St. Louis, Mo.-----	287	256	10,381	10,761
Bridgeport, Conn.-----	42	39	1,678	1,795	St. Paul, Minn.-----	69	53	2,885	3,052
Cambridge, Mass.-----	35	29	1,289	1,363	Wichita, Kans.-----	32	44	2,029	2,025
Fall River, Mass.-----	36	31	1,206	1,241	SOUTH ATLANTIC:				
Hartford, Conn.-----	46	60	2,120	2,149	Atlanta, Ga.-----	100	132	4,988	5,147
Lowell, Mass.-----	22	29	1,066	1,048	Baltimore, Md.-----	240	247	10,773	11,049
Lynn, Mass.-----	20	20	953	1,069	Charlotte, N.C.-----	36	42	1,590	1,706
New Bedford, Mass.-----	24	23	1,136	1,074	Jacksonville, Fla.-----	56	65	2,541	2,594
New Haven, Conn.-----	42	62	2,005	1,967	Miami, Fla.-----	81	71	3,319	3,157
Providence, R.I.-----	69	67	2,726	2,810	Norfolk, Va.-----	40	50	2,171	1,756
Somerville, Mass.-----	16	10	580	577	Richmond, Va.-----	69	88	3,397	3,406
Springfield, Mass.-----	51	47	1,944	1,983	Savannah, Ga.-----	39	25	1,434	1,469
Waterbury, Conn.-----	22	26	1,164	1,207	St. Petersburg, Fla.-----	(61)	(69)	(2,951)	(3,079)
Worcester, Mass.-----	59	58	2,403	2,390	Tampa, Fla.-----	55	52	2,885	2,868
MIDDLE ATLANTIC:					Washington, D.C.-----	208	213	8,616	8,462
Albany, N.Y.-----	53	46	2,019	1,892	Wilmington, Del.-----	38	43	1,742	1,664
Allentown, Pa.-----	30	31	1,505	1,522	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	132	133	6,376	6,340	Birmingham, Ala.-----	75	102	3,748	3,690
Camden, N.J.-----	35	41	1,851	1,860	Chattanooga, Tenn.-----	54	51	2,058	2,073
Elizabeth, N.J.-----	35	40	1,308	1,284	Knoxville, Tenn.-----	23	30	1,198	1,239
Erie, Pa.-----	52	45	1,717	1,696	Louisville, Ky.-----	101	92	4,950	5,024
Jersey City, N.J.-----	51	82	3,031	3,121	Memphis, Tenn.-----	104	118	4,960	4,846
Newark, N.J.-----	100	90	4,461	4,271	Mobile, Ala.-----	37	31	1,771	1,809
New York City, N.Y.-----	1,614	1,640	72,919	71,669	Montgomery, Ala.-----	43	34	1,415	1,524
Paterson, N.J.-----	40	40	1,708	1,676	Nashville, Tenn.-----	53	63	2,572	2,621
Philadelphia, Pa.-----	502	500	22,258	21,401	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	228	165	8,428	8,448	Austin, Tex.-----	27	31	1,486	1,483
Reading, Pa.-----	28	24	1,030	1,047	Baton Rouge, La.-----	30	37	1,236	1,258
Rochester, N.Y.-----	113	106	4,442	4,423	Corpus Christi, Tex.-----	19	28	957	1,031
Schenectady, N.Y.-----	27	15	1,065	1,029	Dallas, Tex.-----	146	121	5,488	5,463
Scranton, Pa.-----	28	35	1,548	1,648	El Paso, Tex.-----	36	38	1,541	1,663
Syracuse, N.Y.-----	44	67	2,671	2,735	Fort Worth, Tex.-----	71	45	2,832	2,929
Trenton, N.J.-----	36	43	1,970	1,807	Houston, Tex.-----	191	178	7,289	7,401
Utica, N.Y.-----	18	29	1,227	1,190	Little Rock, Ark.-----	58	67	2,480	2,499
Yonkers, N.Y.-----	35	24	1,350	1,335	New Orleans, La.-----	168	158	7,388	7,811
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	72	73	3,236	3,295
Akron, Ohio-----	62	55	2,515	2,484	San Antonio, Tex.-----	98	93	4,455	4,406
Canton, Ohio-----	33	39	1,373	1,523	Shreveport, La.-----	34	59	2,208	2,369
Chicago, Ill.-----	742	734	32,477	33,706	Tulsa, Okla.-----	51	62	2,415	2,400
Cincinnati, Ohio-----	147	164	6,844	6,893	MOUNTAIN:				
Cleveland, Ohio-----	181	210	8,895	9,281	Albuquerque, N. Mex.-----	36	27	1,383	1,378
Columbus, Ohio-----	105	105	5,006	5,180	Colorado Springs, Colo.-----	22	20	728	733
Dayton, Ohio-----	86	73	3,514	3,309	Denver, Colo.-----	115	132	5,088	5,262
Detroit, Mich.-----	327	305	14,535	14,894	Ogden, Utah-----	25	23	737	730
Evansville, Ind.-----	30	45	1,591	1,618	Phoenix, Ariz.-----	66	74	3,600	3,336
Flint, Mich.-----	47	44	1,869	1,766	Pueblo, Colo.-----	17	17	744	722
Fort Wayne, Ind.-----	45	37	1,670	1,609	Salt Lake City, Utah-----	62	46	2,116	2,130
Gary, Ind.-----	35	34	1,352	1,356	Tucson, Ariz.-----	36	38	1,680	1,555
Grand Rapids, Mich.-----	40	35	1,977	1,796	PACIFIC:				
Indianapolis, Ind.-----	138	172	6,265	6,382	Berkeley, Calif.-----	16	11	755	746
Madison, Wis.-----	42	34	1,433	1,399	Fresno, Calif.-----	(50)	(43)	(1,902)	(1,909)
Milwaukee, Wis.-----	128	131	5,404	5,469	Glendale, Calif.-----	(38)	(41)	(1,466)	(1,638)
Peoria, Ill.-----	35	25	1,246	1,347	Honolulu, Hawaii-----	33	42	1,765	1,797
Rockford, Ill.-----	28	25	1,245	1,261	Long Beach, Calif.-----	59	44	2,432	2,381
South Bend, Ind.-----	23	26	1,253	1,294	Los Angeles, Calif.-----	495	553	21,862	22,041
Toledo, Ohio-----	94	84	4,320	4,365	Oakland, Calif.-----	97	106	4,257	4,199
Youngstown, Ohio-----	67	57	2,544	2,410	Pasadena, Calif.-----	31	27	1,455	1,509
WEST NORTH CENTRAL:					Portland, Oreg.-----	85	127	4,669	4,801
Des Moines, Iowa-----	55	47	2,370	2,417	Sacramento, Calif.-----	63	67	2,717	2,544
Duluth, Minn.-----	23	26	1,126	1,111	San Diego, Calif.-----	90	98	3,923	4,001
Kansas City, Kans.-----	41	37	1,655	1,540	San Francisco, Calif.-----	193	205	8,526	8,690
Kansas City, Mo.-----	136	99	5,611	5,522	San Jose, Calif.-----	(32)	(35)	(1,528)	(1,528)
Lincoln, Nebr.-----	(31)	(16)	(1,218)	(1,144)	Seattle, Wash.-----	143	128	5,710	6,031
Minneapolis, Minn.-----	118	118	5,183	5,488	Spokane, Wash.-----	45	44	2,064	2,102
Omaha, Nebr.-----	78	64	3,047	3,247	Tacoma, Wash.-----	33	30	1,667	1,785
					San Juan, P. R.-----	(23)	(29)	(1,462)	(1,553)

() Figures shown in parenthesis are from cities which have

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

extremities. She continued to show daily temperature spikes to 101 and 102 for the next two weeks. On September 20 febrile agglutinins were run and a titer of 1:80 for Proteus OX-19 was reported. This was repeated on September 28 at which time the Proteus OX-19 was 1:640. The child was clinically well by the end of September and was discharged from the hospital. There is no clear explanation for the late rise in titer against Proteus OX-19.

Investigation revealed that the child and her mother, who is separated from her husband, had lived in a series of rooming houses; the mother more or less neglected the child during the day while she was at work. The child had as pets two guinea pigs which were poorly cared for and which reportedly had many fleas. One rooming house landlady reported that a "plague" of bed bugs were found in the mother's room and required professional extermination. Generally speaking, the rooming houses in which the child and mother lived were clean and well maintained. However, they were located in an older portion of the city. Nearby housing reconstruction has produced noticeable migrations of rat populations. It is likely the typhus was transmitted from rat fleas or guinea pig fleas to the child.

(Reported by Raymond F. McAteer, M.D., Acting Medical Director, Communicable Disease Control, Rhode Island Department of Health.)

INTERNATIONAL NOTES - QUARANTINE MEASURES

The 1961 edition of the PHS Booklet 384 "Immunization Information for International Travel" is on sale at the Superintendent of Documents, Washington 25, D.C. Cost is 25¢ per copy. There is a 25 percent discount for 100 copies delivered to the same address. The booklet has 84 pages.

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 the States of Alaska and Hawaii. 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, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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