Morbidity and Mortality Weekly Report

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

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 30, 1961

Poliomyelitis – A total of 67 cases of poliomyelitis, including 36 paralytic, have been reported for the current week ending September 30. This is slightly less than the 71 total cases, 41 paralytic, reported during the previous week.

The number of poliomyelitis cases reported has now dropped two weeks in succession following the 1961 high week ending September 16. The very low incidence through the first 39 weeks of this year compared to previous years is shown in the following table.

Poliomyelitis Cases (Cumulative) Through 39th Week

	1961	1960	1959	1958	1957
Paralytic	589	1573	4055	1860	1583
Total	915	2290	6337	3818	4889

The tri-county epidemic in Upstate New York appears to be diminishing with only three new cases in the last week. (See Epidemiological Reports).

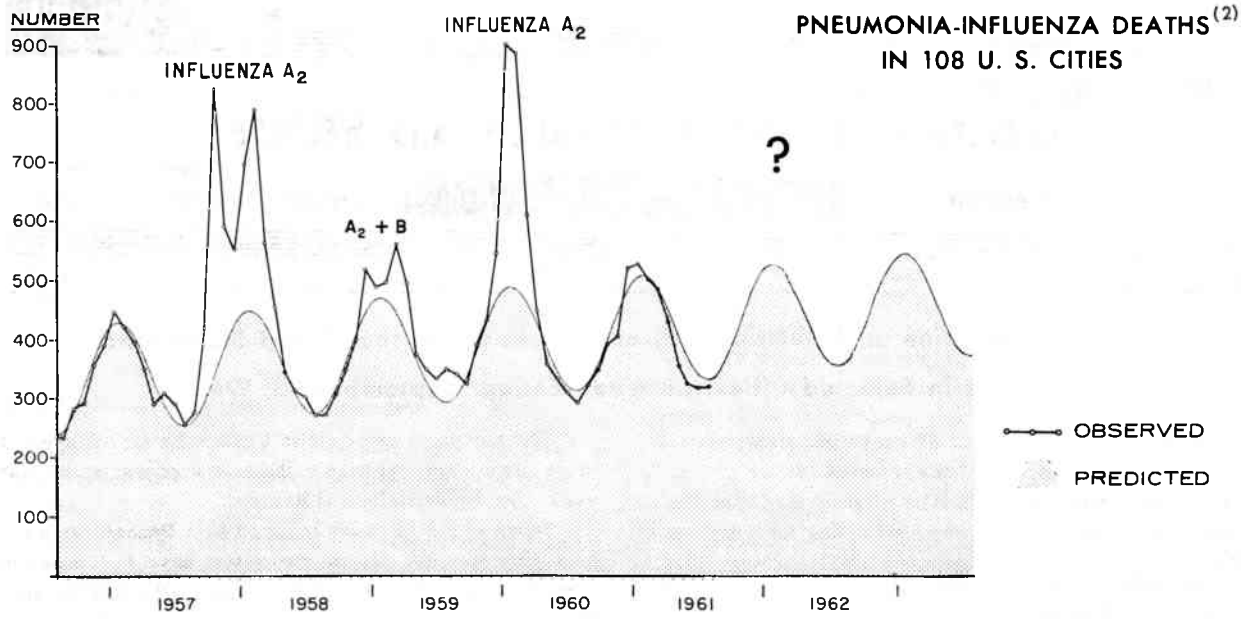
Seven of the 11 cases reported from Pennsylvania are from Erie County. Six of the seven have had onset in September and all are children under 10 years of age. The five cases from Ohio are scattered, each one from a different county.

Hepatitis – For the 39th week, there were 1,111 cases of hepatitis reported. This is approximately 100 cases less than was reported in the preceding week. Since July there has been only slight variation in the number of reported hepatitis cases each week. An upward or downward trend is still not apparent.

Table I. Cases of Specified Notifiable Diseases: United States

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

Disease (Seventh Revision of International Lists, 1955)	39th Week			Cumulative						Approximate seasonal low point
				First 39 weeks			Since seasonal low week			
* Weekly incidence low or sporadic --- Data not available - Quantity zero	Ended Sept. 30, 1961	Ended Oct. 1, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-----062	-	-	*	5	15	*	*	*	*	*
Botulism-----049.1	-	-	*	5	10	*	*	*	*	*
Brucellosis (undulant fever)-----044	7	9	11	461	597	606	*	*	*	*
Diphtheria-----055	11	26	19	412	495	559	103	150	162	July 1
Encephalitis, infectious-----082	44	60	67	1,217	1,449	1,492	1,217	1,449	1,492	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,111	840	276	57,275	28,650	15,081	4,454	3,085	1,082	Sept. 1
Malaria-----110-117	1	3	*	44	56	*	*	*	*	*
Measles-----085	706	754	911	388,395	402,869	450,812	2,767	2,989	3,517	Sept. 1
Meningitis, aseptic-----340 pt.	149	138	---	2,292	2,184	---	2,292	2,184	---	Jan. 1
Meningococcal infections-----057	27	30	37	1,618	1,660	1,823	103	126	139	Sept. 1
Poliomyelitis-----080	67	179	384	915	2,290	4,881	812	2,080	4,353	Apr. 1
Paralytic-----080.0,080.1	36	127	179	589	1,573	1,576	529	1,416	1,301	Apr. 1
Nonparalytic-----080.2	17	30	163	217	490	2,516	192	463	2,355	Apr. 1
Unspecified-----080.3	14	22	42	109	227	789	91	201	697	Apr. 1
Psittacosis-----096.2	1	3	*	54	76	*	*	*	*	*
Rabies in man-----094	-	-	*	3	2	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	3,591	4,378	---	246,510	238,138	---	27,299	---	---	Aug. 1
Typhoid fever-----040	20	28	31	600	620	777	486	490	597	Apr. 1
Typhus fever, endemic-----101	1	-	*	30	53	*	*	*	*	*
Rabies in animals-----	62	38	68	2,634	2,771	3,490	3,210	3,735	4,347	Oct. 1



EPIDEMIOLOGICAL REPORTS

Influenza – 1960-61

The winter of 1960-61 was an unusually quiet influenza season for the United States although a number of outbreaks were reported in other parts of the world. Localized outbreaks of influenza were reported from New York City and Connecticut but no excess mortality was noted for the United States as a whole.

New York City experienced an increased incidence of pneumonia and influenza deaths during February and March but no evident widespread outbreaks. With a 10-year average ranging between 55 and 65 pneumonia and influenza deaths per week, the weekly average in New York City during the first 4 months of 1961 was 88.4. In addition, sera from the age group **60 and over** showed that the percentage of these individuals with A_2 antibodies increased from 58 to 80 percent. Five A_2 isolates were obtained.

Small outbreaks occurred in New Haven, Connecticut among university personnel and in Stamford, Connecticut. In March, the crew of a cargo liner which had just left New York Harbor experienced an outbreak. Serologic titer rises to type A influenza were obtained.

Canada experienced localized outbreaks of influenza this past winter. Confirmed isolates were all A_2 strains. They were obtained in Ontario, Labrador and Alberta.

In mid-April, a small outbreak of influenza B occurred in Fort Yukon, Alaska. The outbreak was sudden with the epidemic curve falling within a 2 week period. The overall and age specific attack rates did not differ significantly between the white and native populations. Lower respiratory tract sequelae were present in about 15% of cases, varying from mild rales and friction rubs to full-blown pneumonic infiltrations. Fourteen of 19 serum pairs showed a four-fold or greater increase in antibody titer against the B/Great Lakes/1739/54 influenza virus antigen as measured by the hemagglutination-inhibition test.

In other parts of the world, widespread outbreaks of A_2 influenza were confirmed in Panama, the Philippines and the United Kingdom. Community-wide outbreaks were reported from Rio de Janeiro, Brazil; Dublin, Ireland; Dar-es-Salaam, Tanganyika; Cape Town, South Africa and small, localized outbreaks from Poland and Finland. Type B influenza was widespread throughout Japan and around Seoul, Korea. A focal outbreak in Norway due to Type B influenza was also reported.

During the summer, an extensive outbreak occurred in the Philippines (MMWR, Vol. 10, No. 24), The epidemic commenced at the end of May and was reported to be declining by mid-July. Information obtained from serologic studies implicates Type A, but unfortunately no virus isolations were made.

During June, the Republic of Panama and Canal Zone populations experienced an episode of influenza-like illness. The clinical symptoms were relatively mild. Two clinical entities were thought to be prevalent: (1) an influenza-like syndrome, and (2) a transitory illness in which headache and photophobia were more prominent.

(Continued on page 8)

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 1, 1960 AND SEPTEMBER 30, 1961

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

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic 080.2			
	39th Week		Cumulative, first 39 weeks		39th Week		Cumulative, first 39 weeks				340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	67	179	915	2,290	36	127	589	1,573	17	30	149	7
NEW ENGLAND	-	7	18	193	-	5	15	152	-	2	14	-
Maine	-	2	1	32	-	2	1	32	-	-	5	-
New Hampshire	-	-	1	-	-	-	-	-	-	-	-	-
Vermont	-	-	3	6	-	-	3	2	-	-	-	-
Massachusetts	-	1	9	27	-	1	8	19	-	-	8	-
Rhode Island	-	3	-	99	-	2	-	76	-	1	1	-
Connecticut	-	1	4	29	-	-	3	23	-	1	-	-
MIDDLE ATLANTIC	29	27	244	319	11	21	161	234	7	5	5	-
New York	17	11	172	181	9	8	110	122	4	2	2	-
New Jersey	1	3	32	64	-	3	26	49	1	-	-	-
Pennsylvania	11	13	40	74	2	10	25	63	2	3	3	-
EAST NORTH CENTRAL	8	38	102	390	6	32	62	229	1	5	57	1
Ohio	5	5	30	91	4	4	16	42	-	-	7	-
Indiana	-	12	11	87	-	11	6	65	-	1	1	-
Illinois	1	6	22	117	1	5	10	79	-	1	23	1
Michigan	2	9	20	67	1	8	16	34	1	1	26	-
Wisconsin	-	6	19	28	-	4	14	9	-	2	-	-
WEST NORTH CENTRAL	4	13	56	133	1	9	25	72	3	3	20	5
Minnesota	-	5	6	41	-	5	6	34	-	-	15	1
Iowa	-	2	18	21	-	-	9	4	-	2	4	-
Missouri	2	2	14	26	-	2	3	17	2	-	-	-
North Dakota	1	1	3	10	-	-	-	3	1	-	-	-
South Dakota	-	-	1	4	-	-	-	1	-	-	-	-
Nebraska	1	1	7	13	1	1	4	8	-	-	-	-
Kansas	-	2	7	18	-	1	3	5	-	1	1	4
SOUTH ATLANTIC	7	38	148	380	7	33	109	286	-	4	5	-
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	3	21	26	72	3	21	26	66	-	-	-	-
District of Columbia	1	-	2	-	1	-	2	-	-	-	-	-
Virginia	1	4	10	21	1	4	8	19	-	-	4	-
West Virginia	1	2	22	34	1	1	14	26	-	-	1	-
North Carolina	-	2	14	69	-	2	7	49	-	-	-	-
South Carolina	-	7	15	117	-	3	10	76	-	4	-	-
Georgia	1	1	28	16	1	1	21	14	-	-	-	-
Florida	-	1	29	51	-	1	20	36	-	-	-	-
EAST SOUTH CENTRAL	4	20	68	166	1	3	40	71	1	-	8	-
Kentucky	2	17	23	93	-	-	5	5	-	-	-	-
Tennessee	1	1	17	30	-	1	8	23	1	-	1	-
Alabama	-	1	9	14	-	1	9	14	-	-	2	-
Mississippi	1	1	19	29	1	1	18	29	-	-	5	-
WEST SOUTH CENTRAL	9	15	123	223	4	10	64	135	5	4	1	-
Arkansas	-	2	15	23	-	2	6	15	-	-	1	-
Louisiana	4	-	40	42	3	-	30	27	1	-	-	-
Oklahoma	-	2	3	14	-	1	-	9	-	-	-	-
Texas	5	11	65	144	1	7	28	84	4	4	-	-
MOUNTAIN	1	5	42	65	1	5	24	32	-	-	4	-
Montana	-	2	3	16	-	2	2	12	-	-	-	-
Idaho	-	-	14	5	-	-	6	1	-	-	-	-
Wyoming	-	-	-	18	-	-	-	-	-	-	4	-
Colorado	-	2	6	13	-	2	6	12	-	-	-	-
New Mexico	-	1	3	5	-	1	-	2	-	-	-	-
Arizona	1	-	8	4	1	-	6	4	-	-	-	-
Utah	-	-	8	4	-	-	4	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	5	16	114	421	5	9	89	362	-	7	35	1
Washington	-	-	20	27	-	-	14	27	-	-	3	-
Oregon	1	3	14	31	1	1	7	17	-	2	-	-
California	3	13	76	354	3	8	64	309	-	5	32	1
Alaska	-	-	-	2	-	-	-	2	-	-	-	-
Hawaii	1	-	4	7	1	-	4	7	-	-	-	-
Puerto Rico	-	4	6	452	-	4	6	445	-	-	-	-

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 1, 1960 AND SEPTEMBER 30, 1961 - Continued

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

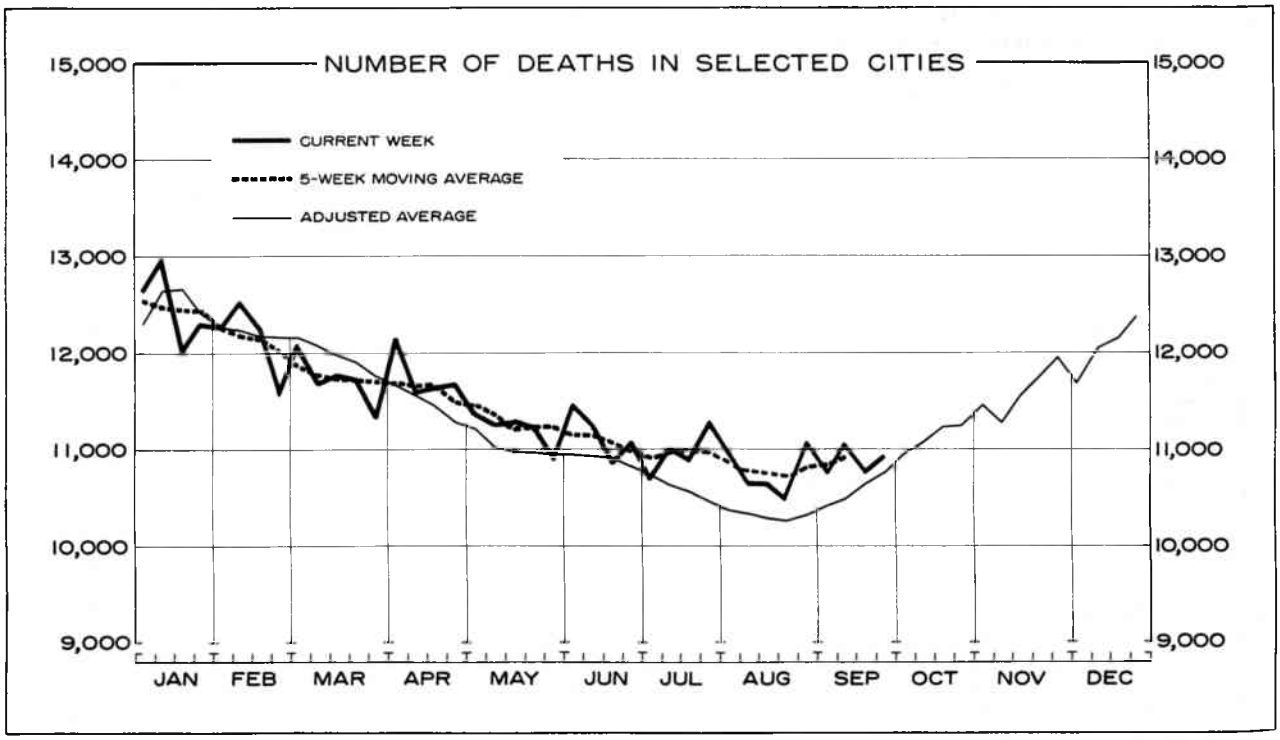
Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	39th Week		Cumulative, first 39 weeks		082		39th Week		Cumulative, first 39 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	11	26	412	495	44	60	1,111	840	57,275	28,650	706	754
NEW ENGLAND	1	-	7	10	1	-	39	27	1,742	859	61	94
Maine	-	-	-	2	-	-	4	1	113	51	14	14
New Hampshire	-	-	-	-	-	-	1	1	153	26	3	2
Vermont	-	-	-	-	-	-	1	-	175	12	7	21
Massachusetts	1	-	6	7	-	-	22	17	690	431	24	43
Rhode Island	-	-	-	1	1	-	2	5	207	167	2	5
Connecticut	-	-	1	-	-	-	9	3	404	172	11	9
MIDDLE ATLANTIC	-	-	20	13	15	9	152	125	7,876	3,421	86	89
New York	-	-	7	3	9	5	64	73	3,337	1,858	54	42
New Jersey	-	-	-	2	-	3	23	9	1,873	231	20	38
Pennsylvania	-	-	13	8	6	1	65	43	2,666	1,332	12	9
EAST NORTH CENTRAL	-	2	15	38	6	11	205	128	11,432	5,170	177	162
Ohio	-	1	1	16	2	5	59	55	3,835	1,769	21	23
Indiana	-	-	1	5	-	4	20	12	1,735	580	6	36
Illinois	-	1	10	6	2	1	57	27	2,027	1,088	49	23
Michigan	-	-	3	9	2	1	62	27	3,551	1,547	61	37
Wisconsin	-	-	-	2	-	-	7	7	284	186	40	43
WEST NORTH CENTRAL	1	1	36	26	2	3	78	53	5,521	2,002	14	19
Minnesota	-	1	24	8	-	-	18	18	1,204	248	3	1
Iowa	1	-	2	7	-	-	28	2	1,622	334	2	9
Missouri	-	-	-	2	2	2	10	18	1,236	727	-	1
North Dakota	-	-	2	1	-	1	-	3	126	144	7	8
South Dakota	-	-	6	5	-	-	3	-	150	129	2	-
Nebraska	-	-	2	1	-	-	7	4	568	211	-	-
Kansas	-	-	-	2	-	-	12	8	615	209	NN	NN
SOUTH ATLANTIC	2	14	90	154	4	8	124	78	7,111	3,331	49	50
Delaware	-	-	-	-	-	-	3	1	169	201	-	4
Maryland	-	-	1	1	-	2	9	6	648	342	6	3
District of Columbia	-	-	2	-	-	-	4	2	93	42	2	1
Virginia	-	3	15	21	-	-	21	12	1,124	646	5	11
West Virginia	-	-	1	4	-	2	21	11	1,332	622	16	15
North Carolina	-	1	7	8	2	1	21	16	1,545	297	1	2
South Carolina	-	2	8	45	-	-	14	1	372	52	1	5
Georgia	1	2	24	24	-	-	7	6	631	220	-	-
Florida	1	6	32	51	2	3	24	23	1,197	909	18	9
EAST SOUTH CENTRAL	4	3	36	50	1	-	178	112	8,616	4,104	56	120
Kentucky	1	1	9	2	1	-	71	33	2,550	1,505	5	73
Tennessee	-	-	3	7	-	-	54	34	3,399	1,331	44	46
Alabama	3	1	19	23	-	-	26	27	1,494	890	1	-
Mississippi	-	1	5	18	-	-	27	18	1,173	378	6	1
WEST SOUTH CENTRAL	3	6	194	168	4	15	106	46	4,195	2,281	117	53
Arkansas	-	1	4	12	1	-	13	4	823	119	12	1
Louisiana	-	1	23	34	-	-	24	9	449	127	-	-
Oklahoma	1	-	8	16	1	1	6	5	281	285	2	6
Texas	2	4	159	106	2	14	63	28	2,642	1,750	103	46
MOUNTAIN	-	-	8	35	3	1	45	48	3,430	2,289	42	39
Montana	-	-	2	3	-	-	1	5	305	108	1	-
Idaho	-	-	-	11	-	1	4	1	253	263	2	6
Wyoming	-	-	-	5	-	-	-	-	136	23	-	2
Colorado	-	-	4	3	-	-	19	16	1,160	830	13	5
New Mexico	-	-	1	4	3	-	8	4	379	274	NN	-
Arizona	-	-	-	3	-	-	6	20	526	516	14	19
Utah	-	-	-	6	-	-	7	-	552	198	10	7
Nevada	-	-	1	-	-	-	-	2	119	77	2	-
PACIFIC	-	-	6	1	8	13	184	223	7,352	5,193	104	128
Washington	-	-	-	-	1	2	30	30	842	593	21	24
Oregon	-	-	-	-	-	1	45	43	1,136	856	16	36
California	-	-	2	-	7	10	106	140	4,987	3,507	62	53
Alaska	-	-	4	1	-	-	2	9	335	162	-	15
Hawaii	-	-	-	-	-	-	1	1	52	75	5	-
Puerto Rico	2	2	50	112	-	-	17	9	759	606	75	14

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 1, 1960 AND SEPTEMBER 30, 1961 - Continued

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

Area	Malaria 110-117	Meningoccocal infections 057		Psitta-cosis 096.2	Strepto-coccal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						39th Week		Cumulative, first 39 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	1	27	30	1	3,591	20	28	600	620	1	62	38
NEW ENGLAND	-	-	-	-	118	-	-	18	8	-	-	-
Maine	-	-	-	-	5	-	-	1	2	-	-	-
New Hampshire	-	-	-	-	2	-	-	-	-	-	-	-
Vermont	-	-	-	-	15	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	16	-	-	12	3	-	-	-
Rhode Island	-	-	-	-	14	-	-	2	-	-	-	-
Connecticut	-	-	-	-	66	-	-	3	3	-	-	-
MIDDLE ATLANTIC	-	5	2	-	82	-	1	70	43	-	3	7
New York	-	1	1	-	54	-	1	35	29	-	2	7
New Jersey	-	-	1	-	14	-	-	17	1	-	-	-
Pennsylvania	-	4	-	-	14	-	-	18	13	-	1	-
EAST NORTH CENTRAL	-	10	11	-	247	-	6	78	82	-	8	3
Ohio	-	1	-	-	23	-	2	26	22	-	3	-
Indiana	-	1	-	-	64	-	-	19	22	-	2	-
Illinois	-	2	1	-	25	-	1	25	21	-	-	-
Michigan	-	6	10	-	54	-	3	5	12	-	3	-
Wisconsin	-	-	-	-	81	-	-	3	5	-	-	3
WEST NORTH CENTRAL	-	2	4	-	125	1	-	32	36	-	21	13
Minnesota	-	1	1	-	6	-	-	5	1	-	3	1
Iowa	-	-	-	-	39	1	-	2	6	-	7	6
Missouri	-	-	-	-	6	-	-	19	21	-	3	2
North Dakota	-	-	-	-	73	-	-	-	1	-	1	-
South Dakota	-	-	-	-	-	-	-	3	3	-	5	3
Nebraska	-	1	3	-	1	-	-	1	2	-	1	1
Kansas	-	-	-	-	-	-	-	2	2	-	1	-
SOUTH ATLANTIC	-	2	3	-	362	4	3	96	94	-	3	6
Delaware	-	2	-	-	-	-	-	1	1	-	-	-
Maryland	-	-	-	-	4	-	1	2	5	-	-	-
District of Columbia	-	-	-	-	1	-	-	10	7	-	-	-
Virginia	-	-	-	-	100	1	2	15	22	-	-	3
West Virginia	-	-	-	-	116	-	-	9	9	-	1	1
North Carolina	-	-	1	-	5	1	-	14	8	-	-	-
South Carolina	-	-	-	-	15	-	-	8	11	-	-	-
Georgia	-	-	2	-	2	1	-	26	21	-	-	-
Florida	-	-	-	-	119	1	-	11	10	-	2	2
EAST SOUTH CENTRAL	-	-	1	-	802	3	8	62	90	-	4	2
Kentucky	-	-	-	-	27	1	4	13	19	-	1	-
Tennessee	-	-	1	-	722	1	2	40	50	-	2	1
Alabama	-	-	-	-	9	1	2	7	16	-	1	1
Mississippi	-	-	-	-	44	-	-	2	5	-	-	-
WEST SOUTH CENTRAL	-	3	3	-	640	8	5	134	176	1	19	5
Arkansas	-	-	1	-	-	1	1	22	40	-	3	1
Louisiana	-	-	-	-	2	4	1	20	55	-	-	2
Oklahoma	-	-	-	-	3	-	-	12	12	-	-	-
Texas	-	3	2	-	635	3	3	80	69	1	16	2
MOUNTAIN	-	2	1	-	784	-	4	52	35	-	2	1
Montana	-	-	-	-	21	-	-	16	9	-	-	-
Idaho	-	-	-	-	56	-	1	1	3	-	-	-
Wyoming	-	1	-	-	-	-	-	3	4	-	-	-
Colorado	-	1	1	-	259	-	1	6	1	-	-	-
New Mexico	-	-	-	-	245	-	-	14	8	-	2	1
Arizona	-	-	-	-	124	-	2	6	9	-	-	-
Utah	-	-	-	-	75	-	-	2	1	-	-	-
Nevada	-	-	-	-	4	-	-	4	-	-	-	-
PACIFIC	1	3	5	1	431	4	1	58	56	-	2	1
Washington	1	-	1	-	217	-	-	7	5	-	-	-
Oregon	-	-	1	-	39	-	-	1	8	-	-	-
California	-	3	3	1	164	4	1	50	42	-	2	1
Alaska	-	-	-	-	-	-	-	-	1	-	-	-
Hawaii	-	-	-	-	11	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	2	-	1	17	18	-	-	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 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	39th week ended Sept. 30, 1961	38th week ended Sept. 23, 1961	Adjusted average, 39th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 39 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	10,934	10,773	10,788	+1.4	446,248	449,292	-0.7
New England (14 cities)	703	611	644	+9.2	27,387	28,077	-2.5
Middle Atlantic (20 cities)	3,002*	2,985	2,948	+1.8	127,161	124,394	+2.2
East North Central (21 cities)	2,328	2,325	2,316	+0.5	95,371	97,243	-1.9
West North Central (9 cities)	759	748	751	+1.1	30,416	31,240	-2.6
South Atlantic (11 cities)	976	883	902	+8.2	38,554	38,547	+0.02
East South Central (8 cities)	485*	505	504	-3.8	20,192	20,452	-1.3
West South Central (13 cities)	904	1,034	968	-6.6	38,153	39,431	-3.2
Mountain (8 cities)	381	361	350	+8.9	14,251	14,066	+1.3
Pacific (13 cities)	1,396	1,321	1,405	-0.6	54,763	55,842	-1.9

*Includes estimate for missing reports.

Table 4. DEATHS IN SELECTED CITIES

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

Area	39th week ended Sept. 30, 1961	38th week ended Sept. 23, 1961	Cumulative, first 39 weeks 1961	Cumulative, first 39 weeks 1960
NEW ENGLAND:				
Boston, Mass.	247	221	9,409	9,757
Bridgeport, Conn.	41	36	1,498	1,597
Cambridge, Mass.	24	25	1,128	1,216
Fall River, Mass.	25	30	1,046	1,106
Hartford, Conn.	40	40	1,860	1,889
Lowell, Mass.	31	25	953	931
Lynn, Mass.	23	24	850	941
New Bedford, Mass.	21	18	1,007	963
New Haven, Conn.	41	36	1,781	1,752
Providence, R.I.	70	45	2,432	2,480
Somerville, Mass.	11	8	511	516
Springfield, Mass.	37	39	1,724	1,750
Waterbury, Conn.	23	16	1,041	1,067
Worcester, Mass.	69	48	2,147	2,112
MIDDLE ATLANTIC:				
Albany, N.Y.	52	40	1,780	1,693
Allentown, Pa.	36	35	1,347	1,347
Buffalo, N.Y.	146	130	5,711	5,670
Camden, N.J.	38	36	1,663	1,646
Elizabeth, N.J.	25	33	1,144	1,142
Erie, Pa.	38	26	1,526	1,509
Jersey City, N.J.	53	54	2,688	2,785
Newark, N.J.	113	82	3,939	3,789
New York City, N.Y.	1,490	1,484	64,794	63,241
Paterson, N.J.	27	29	1,508	1,493
Philadelphia, Pa.	462*	476	20,027	19,102
Pittsburgh, Pa.	179	211	7,428	7,528
Reading, Pa.	23	19	903	925
Rochester, N.Y.	110	104	3,948	3,887
Schenectady, N.Y.	27	27	938	927
Scranton, Pa.	31	40	1,378	1,461
Syracuse, N.Y.	44	60	2,372	2,390
Trenton, N.J.	56	39	1,765	1,607
Utica, N.Y.	21	32	1,092	1,057
Yonkers, N.Y.	31	28	1,210	1,195
EAST NORTH CENTRAL:				
Akron, Ohio	62	75	2,235	2,221
Canton, Ohio	33	31	1,202	1,344
Chicago, Ill.	717	728	28,892	30,020
Cincinnati, Ohio	149	140	6,082	6,141
Cleveland, Ohio	181	169	7,877	8,171
Columbus, Ohio	125	110	4,471	4,601
Dayton, Ohio	55	84	3,126	2,916
Detroit, Mich.	314	308	12,983	13,255
Evansville, Ind.	35	36	1,414	1,416
Flint, Mich.	45	26	1,663	1,564
Fort Wayne, Ind.	26	35	1,485	1,436
Gary, Ind.	28	29	1,185	1,222
Grand Rapids, Mich.	37	33	1,747	1,617
Indianapolis, Ind.	123	138	5,525	5,722
Madison, Wis.	32	33	1,282	1,231
Milwaukee, Wis.	128	120	4,790	4,890
Peoria, Ill.	41	28	1,113	1,187
Rockford, Ill.	32	17	1,096	1,113
South Bend, Ind.	25	31	1,115	1,122
Toledo, Ohio	93	104	3,836	3,897
Youngstown, Ohio	47	50	2,252	2,157
WEST NORTH CENTRAL:				
Des Moines, Iowa	56	58	2,098	2,137
Duluth, Minn.	25	21	1,012	989
Kansas City, Kans.	42	30	1,453	1,368
Kansas City, Mo.	117	122	4,980	4,890
Lincoln, Nebr.	(32)	(25)	(1,083)	(1,017)
Minneapolis, Minn.	138	108	4,651	4,848
Omaha, Nebr.	58	72	2,693	2,875
WEST NORTH CENTRAL--Con.:				
St. Louis, Mo.	198	214	9,144	9,643
St. Paul, Minn.	65	69	2,568	2,709
Wichita, Kans.	60	54	1,817	1,781
SOUTH ATLANTIC:				
Atlanta, Ga.	107	86	4,393	4,615
Baltimore, Md.	234	213	9,589	9,817
Charlotte, N.C.	40	27	1,387	1,524
Jacksonville, Fla.	70	50	2,241	2,323
Miami, Fla.	66	78	2,955	2,836
Norfolk, Va.	48	44	1,940	1,561
Richmond, Va.	59	54	3,005	3,034
Savannah, Ga.	39	38	1,279	1,321
St. Petersburg, Fla.	(48)	(58)	(2,648)	(2,776)
Tampa, Fla.	61	58	2,591	2,544
Washington, D.C.	212	196	7,620	7,501
Wilmington, Del.	40	39	1,554	1,471
EAST SOUTH CENTRAL:				
Birmingham, Ala.	79	90	3,325	3,311
Chattanooga, Tenn.	44	51	1,827	1,839
Knoxville, Tenn.	23	39	1,079	1,093
Louisville, Ky.	106*	86	4,462	4,499
Memphis, Tenn.	103	100	4,402	4,381
Mobile, Ala.	46	43	1,583	1,620
Montgomery, Ala.	36	43	1,249	1,357
Nashville, Tenn.	48	53	2,265	2,352
WEST SOUTH CENTRAL:				
Austin, Tex.	37	33	1,331	1,351
Baton Rouge, La.	21	30	1,060	1,131
Corpus Christi, Tex.	9	22	847	923
Dallas, Tex.	116	131	4,873	4,864
El Paso, Tex.	33	42	1,366	1,501
Fort Worth, Tex.	63	58	2,495	2,613
Houston, Tex.	179	222	6,452	6,643
Little Rock, Ark.	62	64	2,218	2,255
New Orleans, La.	168	161	6,562	7,019
Oklahoma City, Okla.	55	81	2,893	2,910
San Antonio, Tex.	94	99	3,979	3,944
Shreveport, La.	39	39	1,966	2,128
Tulsa, Okla.	28	52	2,111	2,149
MOUNTAIN:				
Albuquerque, N. Mex.	32	26	1,214	1,200
Colorado Springs, Colo.	24	8	632	652
Denver, Colo.	146	116	4,502	4,636
Ogden, Utah	13	18	650	644
Phoenix, Ariz.	73	94	3,208	3,003
Pueblo, Colo.	19	17	657	644
Salt Lake City, Utah	49	48	1,891	1,896
Tucson, Ariz.	25	34	1,497	1,391
PACIFIC:				
Berkeley, Calif.	14	20	673	659
Fresno, Calif.	(28)	(35)	(1,679)	(1,719)
Glendale, Calif.	(31)	(30)	(1,293)	(1,511)
Honolulu, Hawaii	52	44	1,565	1,610
Long Beach, Calif.	62	44	2,137	2,127
Los Angeles, Calif.	470	431	19,355	19,689
Oakland, Calif.	82	89	3,746	3,759
Pasadena, Calif.	38	39	1,294	1,338
Portland, Oreg.	109	131	4,165	4,305
Sacramento, Calif.	59	38	2,414	2,254
San Diego, Calif.	89	93	3,448	3,497
San Francisco, Calif.	195	182	7,595	7,759
San Jose, Calif.	(27)	(27)	(1,354)	(1,356)
Seattle, Wash.	131	108	5,052	5,385
Spokane, Wash.	48	59	1,826	1,850
Tacoma, Wash.	47	43	1,493	1,610
San Juan, P. R.	(26)	(34)	(1,311)	(1,386)

*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.

Three viruses were isolated from throat swabs of patients. These isolates were Type A_2 by hemagglutination-inhibition tests.

During June and July an epidemic of influenza was reported in Cape Town, South Africa and the surrounding area within a radius of 100 miles. The disease was mild and no deaths occurred. All the strains of virus isolated belonged to sub-group A_2 with one exception (Johannesburg B).

No outbreaks have been reported in the United States since those in New York and Connecticut in mid-winter. It is known, however, that influenza A commonly appears every 2-3 years and influenza B in cycles of 4 to 6 years. A has been absent in epidemic form since early 1960 within the United States; B, except for a few outbreaks in 1959, has been absent since 1955. It is likely that epidemics of influenza due to the Type A or B viruses or both will appear during the winter of 1961-62.

Poliomyelitis – New York State

Through Monday, October 1, 74 cases of paralytic poliomyelitis have occurred in the contiguous counties of Onondaga, Madison and Oneida, an increase of only three cases during the past week. Of the 74 cases, 44 have occurred in Onondaga County (31 in Syracuse), 17 in Madison County and 13 in Oneida County. The last case to occur in either Madison or Oneida County had onset on September 13. The 70 paralytic cases with onset of symptoms since August are shown by county:

Week Ending:	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30
Onondaga	2	1	4	11	11	3	7	2	1
Madison	4	3	5	2	1	1	0	0	0
Oneida	2	2	2	3	1	0	2	0	0
Total	8	6	11	16	13	4	9	2	1

In addition to the 74 paralytic cases, 22 nonparalytic cases have been recognized in the tri-county area. Type I poliovirus has been isolated from 13 of the paralytic cases and one nonparalytic case.

QUARANTINE MEASURES

Immunization Information for International Travel – 1960 edition

Public Health Service Publication No. 384

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

City	Center	Clinic Hours	Fee
Texas Odessa	Odessa-Ector County Health Department 3 and North Lee St. Tel. FE 2-4261	Wednesday 1-2 p.m.	No

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