

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 4, 1958

A total of 315 cases of poliomyelitis have been reported for the week ended October 4. Of these, 133 were reported as paralytic and 122 as nonparalytic cases. The revised figure for the previous week was 388 cases reported; 179 of these were paralytic and 162 nonparalytic. For the week ended October 5, 1957, there were 201 reported cases of which 100 were paralytic and 64 nonparalytic. The current week is the second consecutive week that the numbers of total cases and paralytic cases were less than the preceding week's figures. Four of the geographic divisions reported substantial decreases in incidence compared with the previous week. These include both the Middle Atlantic and East North Central Divisions from which most of the cases have been reported in recent weeks. In the East North Central Division, Michigan reported a decrease from 159 cases last week to 98 this week; the de-

crease in paralytic cases was from 56 to 32. However, Ohio has reported a considerable increase compared with last week. Most of the cases reported in Ohio have been unspecified as to paralytic status.

In those areas which did not show a decrease for the current week the number of cases has remained about the same as for the previous week except in the East South Central Division where there has been an increase this week but the figures are relatively small.

The California Department of Public Health's Surveillance Report of October 2 states that of the 96 cases of paralytic poliomyelitis reported in California through September 27, 31 cases have occurred in persons who had received 1 or more inoculations of poliomyelitis vaccine. Nine persons had received

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	40th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 4, 1958	Ended Oct. 5, 1957	Median 1953-57	First 40 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	12	16	22	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	3	11	8	(1)	(1)	(1)	(1)
Bruceellosis (undulant fever)----044	19	24	26	629	755	1,024	(1)	(1)	(1)	(1)
Diphtheria-----055	39	29	40	534	749	1,170	184	285	428	July 1
Encephalitis, infectious-----082	65	36	41	2,755	1,442	1,442	2,146	882	882	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	318	236	482	11,997	12,191	24,864	1,402	1,181	2,338	Sept. 1
Malaria-----110-117	1	5	22	54	126	384	(1)	(1)	(1)	(1)
Measles-----085	1,208	818	854	716,184	454,095	529,944	5,821	4,441	4,410	Sept. 1
Meningococcal infections-----057	52	45	45	2,043	1,866	2,809	271	181	212	Sept. 1
Meningitis, other-----340	3199	57	---	3,078	1,857	---	---	---	---	---
Poliomyelitis-----060	315	201	1,259	4,067	5,045	23,162	3,848	4,519	22,011	Apr. 1
Paralytic-----080.0,080.1	133	100	---	1,948	1,677	---	1,827	1,403	---	Apr. 1
Nonparalytic-----080.2	122	64	---	1,521	2,556	---	1,453	2,393	---	Apr. 1
Unspecified-----080.3	60	37	---	598	812	---	568	723	---	Apr. 1
Psittacosis-----096.2	2	3	3	116	205	207	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	2	4	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	37	42	50	822	1,037	1,465	645	780	1,153	Apr. 1
Typhus fever, endemic-----101	-	2	3	61	100	107	49	75	91	Apr. 1
Rabies in animals-----	47	73	75	3,646	3,476	4,138	47	73	75	Oct. 1

¹Data show no pronounced seasonal change in incidence. ²Includes revised reports from Oklahoma and Wyoming. ³Includes 120 cases of aseptic meningitis: 68 in California, 3 in the District of Columbia, 7 in Florida, 1 in Iowa, 7 in Maryland, and 34 in Wyoming. ⁴Includes revised reports from New York, Oklahoma, and Wyoming.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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1 inoculation, 9 had received 2 and 13 persons had received 3 or more inoculations. Sixty-four of the cases were in persons under 20 years of age, and of these 64 persons 25 had received 1 or more inoculations and 12 had received 3 or more inoculations. Of the 32 cases in persons aged 20 years and over 6 had been vaccinated but only 1 of these had received the full course of inoculations.

The Mississippi Morbidity Report for the week ended September 26 contains information that of the 20 paralytic cases reported in Mississippi this year 12 cases have occurred in persons who had received no vaccine. Six cases were in triply vaccinated persons and the other 2 had received 1 and 2 inoculations.

A relatively large number of meningococcal infections have been reported in Michigan in recent weeks. No other information is available.

Georgia has reported 15 cases of diphtheria for the current week.

Wyoming has reported that 48 illnesses previously classified as encephalitis have been reclassified as aseptic meningitis. And Oklahoma has reported that 14 cases previously reported as encephalitis have been reclassified as aseptic meningitis. These are not included in the figures for the current week and in table 1 these cases have been transferred from the encephalitis cumulative totals to the meningitis, other, cumulative totals.

EPIDEMIOLOGICAL REPORTS

Encephalitis

The World Health Organization in its Weekly Epidemiological Record dated October 3, 1958, has reported that the seasonal return of Japanese B encephalitis in East Asia resulted this autumn in a considerable rise in incidence in Korea where the peak was reached in the beginning of September. In Japan the disease was present in August, mainly in the southern part of the country. The highest number of cases was reported the last week of the month. The presence of the disease was also reported in Taiwan (Formosa).

In Korea (population about 22 million) 5,733 cases with 1,323 deaths were reported between August 17 and September 13; this includes 1,141 cases and 274 deaths which were recorded between September 2 and 4. About 64 percent of the total number of cases were reported in the 2 southernmost provinces.

In Japan the number of cases rose from 218 (with 69 deaths) during the 4-week period ended August 2 to 1,843 cases (519 deaths) during the 4-week period ended August 30. The highest incidence, as during previous years, was recorded in the southern part of the country. From August 3 to 30, 835 cases were reported in the Islands of Kyushu and Shikoku. The number of cases and deaths reported in Japan up to August 30 is higher than during the last year (about 1,800 cases) but is well below the totals recorded in 1956 (4,538 cases and 1,600 deaths) and in 1950 (5,196 cases and 2,430 deaths).

In Taiwan 142 cases with 50 deaths were reported up to August 28. This includes 88 cases and 31 deaths reported in July.

Salmonella reading

Dr. John Mason, New Mexico Department of Public Health, has reported that Salmonella reading organisms were isolated from a previously unopened package of commercial dehydrated bacon-flavored scrambled egg product used at a scout ranch. The product is packaged in tightly sealed aluminum foil envelopes, each to serve 4 persons. The food product was

shipped to the ranch between May and July and the sample was collected in August during a routine food sanitation survey. Approximately 15,000 scouts attended the ranch this summer and about 5,000 packages of the scrambled eggs were used. However, no unusual amount of diarrhea or food infection was noted. Additional samples of the product are being tested.

Tularemia

Dr. Mason has also submitted a report of a case of tularemia in a 39-year-old rancher. The man had been hunting and skinning rabbits at his ranch for a number of years. He gave a history of fatigue for about one year, slowly healing lacerations—particularly a cut on an index finger which had not healed for 1½ months—and a swollen lymph node in the right axilla. Two tularemia agglutination tests were made; the first was positive in a titer of 1:2560 and the second, 6 weeks later, was positive in a titer of 1:1280.

Psittacosis

Dr. Robert M. Albrecht, New York State Department of Health, has supplied information on 2 additional cases of psittacosis occurring in different counties. One case was in a 68-year-old elevator operator with symptoms of a severe headache, fever, and nonproductive cough. The illness was diagnosed as pneumonia, and with treatment the man improved but he had a relapse the following week. X-rays showed signs of pneumonia and old tuberculosis. Complement fixation tests were positive in titers of 1:16, 1:16, and 1:32 on June 11, June 20, and July 14. The individual had bought 2 parakeets in the early spring; one died in April. It was reported that the birds were raised locally. The man's wife did not become ill.

The other case was in a woman who worked as a clerk in a variety store at a counter about 25 feet from the parakeet counter. She frequently visited the bird counter. Her illness was also diagnosed as pneumonia. She recovered from the illness and returned to work but later suffered a relapse. Complement fixation tests at the time of relapse and 2 weeks following showed a rise in titer from 100 to 129. The birds sold at the store were supplied by a company in New York City. There had been no deaths nor known illnesses among the parakeets in the store in the 2 months preceding the clerk's illness. Also, no customer complaints had been received.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384 (1958)

Changes Reported

Asia.—Saudi Arabia (p. 44) now requires cholera vaccination (two injections) of all arrivals from infected areas, India, Pakistan, and Thailand. All other information remains the same.

Designated Yellow Fever Vaccination Centers (Section 5).—On page 57, the telephone number of the Center located at the Students' Health Service, University of Minnesota, Minneapolis, Minnesota, should be changed to read FEDERAL 2-8185, Ext. 168.

On page 58, the clinic hours at the Center located at the U. S. Public Health Service, Outpatient Clinic, 228 Post Office Building, Buffalo, New York, should be changed to the 1st and 3d Thursday of the month, 10 a.m.

Yellow Fever Receptive Areas (Section 9).—Guam should be added to the list of yellow fever receptive areas.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 5, 1957, AND OCTOBER 4, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		40th week		Cumulative first 40 weeks		082		40th week		Cumulative first 40 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	19	24	39	29	534	749	65	36	318	236	11,997	12,191
NEW ENGLAND-----	-	1	1	1	6	21	1	1	12	15	436	676
Maine-----	-	-	-	-	-	3	-	-	3	6	56	216
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	-	2	18	88
Massachusetts-----	-	1	1	1	5	18	-	1	4	1	214	198
Rhode Island-----	-	-	-	-	-	-	1	-	3	1	55	62
Connecticut-----	-	-	-	-	1	-	-	-	2	5	91	104
MIDDLE ATLANTIC-----	-	1	1	2	36	60	5	5	61	46	1,552	1,961
New York-----	-	-	2	2	16	32	4	5	36	33	1,047	1,212
New Jersey-----	-	-	1	-	3	10	-	-	4	4	127	240
Pennsylvania-----	-	1	-	-	17	18	1	-	21	9	378	509
EAST NORTH CENTRAL-----	3	1	1	1	33	42	14	3	48	44	2,051	2,061
Ohio-----	1	-	1	1	7	12	6	3	14	9	642	524
Indiana-----	-	1	-	-	14	10	-	-	3	5	183	291
Illinois-----	1	-	-	-	6	3	3	-	13	25	491	468
Michigan-----	-	-	-	-	5	15	3	-	11	2	563	555
Wisconsin-----	1	-	-	-	1	2	2	-	7	3	172	223
WEST NORTH CENTRAL-----	11	11	1	-	78	55	21	5	39	4	974	705
Minnesota-----	1	3	1	-	31	22	-	-	7	2	136	253
Iowa-----	2	3	-	-	13	7	1	-	-	1	178	165
Missouri-----	1	-	-	-	14	1	-	-	6	-	193	115
North Dakota-----	-	3	-	-	3	3	3	-	12	-	169	90
South Dakota-----	-	1	-	-	5	6	1	-	4	-	14	34
Nebraska-----	-	-	-	-	10	10	1	1	8	-	67	24
Kansas-----	7	1	-	-	2	6	15	4	2	1	217	24
SOUTH ATLANTIC-----	-	1	21	10	148	244	4	3	19	12	871	927
Delaware-----	-	-	-	-	-	-	-	-	2	-	42	8
Maryland-----	-	-	-	-	3	2	1	-	2	-	101	86
District of Columbia-----	-	-	1	-	1	-	-	-	1	-	14	10
Virginia-----	-	-	-	-	15	12	-	-	5	7	226	365
West Virginia-----	-	-	-	-	9	5	-	3	4	1	125	81
North Carolina-----	-	1	-	2	16	29	2	-	-	1	46	87
South Carolina-----	-	-	3	7	25	75	-	-	-	-	37	27
Georgia-----	-	-	15	1	49	55	1	-	2	2	90	101
Florida-----	-	-	2	-	30	66	-	-	3	1	190	162
EAST SOUTH CENTRAL-----	-	2	3	10	50	117	4	4	15	29	1,014	1,587
Kentucky-----	-	1	-	-	4	14	1	3	3	7	490	669
Tennessee-----	-	1	-	1	7	11	-	1	8	9	269	594
Alabama-----	-	-	-	5	21	51	-	-	1	9	185	211
Mississippi-----	-	-	3	4	18	41	3	-	3	4	70	113
WEST SOUTH CENTRAL-----	1	6	9	5	127	150	1	7	13	18	935	949
Arkansas-----	-	5	4	-	16	20	-	-	-	1	89	68
Louisiana-----	-	1	5	1	44	14	-	-	2	1	11	50
Oklahoma-----	-	-	-	-	25	18	1	-	4	2	122	111
Texas-----	1	-	-	4	42	98	-	7	7	14	713	720
MOUNTAIN-----	2	-	1	-	45	27	8	-	42	12	1,857	1,037
Montana-----	-	-	1	-	16	9	-	-	8	-	300	146
Idaho-----	-	-	-	-	2	1	-	-	14	3	149	84
Wyoming-----	-	-	-	-	2	1	1	-	-	2	9	48
Colorado-----	-	-	-	-	7	2	4	-	7	1	192	162
New Mexico-----	1	-	-	-	12	9	2	-	2	4	268	334
Arizona-----	-	-	-	-	6	4	-	-	4	2	691	187
Utah-----	1	-	-	-	-	1	1	-	7	-	148	48
Nevada-----	-	-	-	-	-	-	-	-	-	-	100	28
PACIFIC-----	2	1	1	-	11	33	7	8	69	56	2,307	2,288
Washington-----	-	-	-	-	-	23	-	-	5	12	376	316
Oregon-----	1	-	1	-	7	2	3	1	13	14	340	433
California-----	1	1	-	-	4	8	4	7	51	30	1,591	1,539
Alaska-----	1	-	-	-	-	-	-	-	-	-	74	71
Hawaii-----	-	-	-	-	-	-	-	-	-	2	56	48
Puerto Rico-----	-	-	1	4	40	42	-	-	5	17	118	141

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 5, 1957, AND OCTOBER 4, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	40th week		Cumulative first 40 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	315	201	4,067	5,045	133	100	122	64	1	5	1,208	818
NEW ENGLAND-----	3	1	75	71	2	1	1	-	-	-	51	47
Maine-----	-	-	2	6	-	-	-	-	-	-	7	2
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	1	-
Vermont-----	-	1	6	5	-	1	-	-	-	-	-	1
Massachusetts-----	3	-	26	22	2	-	1	-	-	-	28	37
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	34	34	-	-	-	-	-	-	15	7
MIDDLE ATLANTIC-----	38	19	511	287	13	9	11	3	-	-	151	144
New York-----	13	15	202	179	6	8	5	3	-	-	58	76
New Jersey-----	18	4	231	73	3	1	3	-	-	-	33	39
Pennsylvania-----	7	-	78	35	4	-	3	-	-	-	60	29
EAST NORTH CENTRAL-----	163	71	1,428	1,323	47	32	79	20	-	-	242	179
Ohio-----	35	16	253	225	6	7	8	-	-	-	60	13
Indiana-----	7	10	87	151	3	5	2	1	-	-	46	9
Illinois-----	17	18	174	302	6	10	7	2	-	-	30	21
Michigan-----	98	24	869	441	32	9	61	15	-	-	39	43
Wisconsin-----	6	3	45	204	-	1	1	2	-	-	67	93
WEST NORTH CENTRAL-----	20	21	254	418	12	9	4	10	-	-	73	22
Minnesota-----	2	6	19	48	2	5	-	1	-	-	2	3
Iowa-----	6	2	58	79	2	-	1	1	-	-	11	8
Missouri-----	8	5	87	109	6	2	2	2	-	-	17	3
North Dakota-----	3	1	36	11	2	1	-	-	-	-	40	6
South Dakota-----	-	1	7	38	-	-	-	1	-	-	1	1
Nebraska-----	1	4	22	74	-	-	1	4	-	-	2	1
Kansas-----	-	2	25	59	-	1	-	1	-	-	(*)	-
SOUTH ATLANTIC-----	28	27	605	707	19	16	8	7	1	-	183	50
Delaware-----	-	-	16	4	-	-	-	-	-	-	1	1
Maryland-----	1	-	12	14	1	-	-	-	-	-	11	5
District of Columbia-----	-	2	5	56	-	2	-	-	-	-	-	2
Virginia-----	3	8	99	92	3	6	-	2	-	-	16	15
West Virginia-----	11	4	133	41	7	1	4	3	-	-	121	8
North Carolina-----	9	5	92	196	6	3	3	2	-	-	1	-
South Carolina-----	1	3	18	117	-	1	1	-	-	-	-	16
Georgia-----	-	1	37	69	-	1	-	-	-	-	8	3
Florida-----	3	4	193	118	2	2	-	-	1	-	25	-
EAST SOUTH CENTRAL-----	21	17	243	349	11	8	7	5	-	2	58	65
Kentucky-----	4	5	40	90	4	3	-	1	-	2	27	6
Tennessee-----	5	11	80	128	2	5	2	4	-	-	25	41
Alabama-----	1	-	31	40	1	-	-	-	-	-	2	11
Mississippi-----	11	1	92	91	4	-	5	-	-	-	4	7
WEST SOUTH CENTRAL-----	22	23	541	988	12	15	10	8	-	1	96	95
Arkansas-----	1	2	19	55	1	2	-	-	-	1	-	-
Louisiana-----	1	4	63	161	-	2	1	2	-	-	1	1
Oklahoma-----	2	4	51	115	1	2	1	2	-	-	-	4
Texas-----	18	13	408	657	10	9	8	4	-	-	95	90
MOUNTAIN-----	8	4	153	215	5	1	2	2	-	-	188	74
Montana-----	3	-	59	10	1	-	2	-	-	-	92	21
Idaho-----	-	2	11	25	-	1	-	-	-	-	9	8
Wyoming-----	-	-	4	13	-	-	-	-	-	-	5	2
Colorado-----	2	2	17	40	2	-	-	2	-	-	33	9
New Mexico-----	-	-	26	45	-	-	-	-	-	-	17	14
Arizona-----	1	-	22	47	1	-	-	-	-	-	15	8
Utah-----	2	-	10	31	1	-	-	-	-	-	15	12
Nevada-----	-	-	4	4	-	-	-	-	-	-	2	-
PACIFIC-----	12	18	257	687	12	9	-	9	-	2	166	142
Washington-----	-	1	17	11	-	1	-	-	-	-	33	56
Oregon-----	-	-	34	37	-	-	-	-	-	-	29	31
California-----	12	17	206	639	12	8	-	9	-	2	104	55
Alaska-----	-	-	2	3	-	-	-	-	-	-	16	4
Hawaii-----	2	3	67	8	2	2	-	1	-	-	3	3
Puerto Rico-----	-	1	53	30	-	1	-	-	-	-	65	25

¹Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 5, 1957, AND OCTOBER 4, 1958—Continued
 (By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER 340	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC 101	RABIES IN ANIMALS	
	057			096.2		40th week		Cumulative first 40 weeks			1958	1958
	1958	1957	1958	1958	1957	1958	1957	1958	1957			
CONT. UNITED STATES-----	52	45	199	2	3	37	42	822	1,037	-	47	73
NEW ENGLAND-----	-	-	7	1	-	1	1	16	21	-	-	-
Maine-----	-	-	-	1	-	-	-	1	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	6	-	-	1	-	8	9	-	-	-
Rhode Island-----	-	-	1	-	-	-	1	1	5	-	-	-
Connecticut-----	-	-	-	-	-	-	-	5	3	-	-	-
MIDDLE ATLANTIC-----	5	5	-	-	-	6	13	96	110	-	3	8
New York-----	1	3	-	-	-	2	7	30	48	-	2	8
New Jersey-----	-	1	-	-	-	1	-	18	19	-	-	-
Pennsylvania-----	4	1	-	-	-	3	6	48	43	-	1	-
EAST NORTH CENTRAL-----	27	9	35	-	-	5	5	90	140	-	7	5
Ohio-----	1	2	-	-	-	2	3	33	58	-	-	-
Indiana-----	1	1	7	-	-	-	1	15	40	-	3	1
Illinois-----	5	2	23	-	-	1	-	21	19	-	-	1
Michigan-----	16	4	5	-	-	1	-	12	11	-	-	-
Wisconsin-----	4	-	-	-	-	1	1	9	12	-	4	3
WEST NORTH CENTRAL-----	9	6	1	-	2	2	2	67	75	-	18	14
Minnesota-----	-	3	-	-	2	-	-	3	5	-	11	7
Iowa-----	-	-	2 ¹	-	-	-	-	12	18	-	2	4
Missouri-----	1	-	-	-	-	1	1	32	39	-	1	2
North Dakota-----	4	-	-	-	-	-	-	2	1	-	-	1
South Dakota-----	1	1	-	-	-	-	-	7	6	-	4	-
Nebraska-----	1	1	-	-	-	-	-	2	-	-	-	-
Kansas-----	2	1	-	-	-	1	1	9	6	-	-	-
SOUTH ATLANTIC-----	5	6	32	-	-	6	5	141	199	-	7	12
Delaware-----	-	1	-	-	-	-	-	5	1	-	-	-
Maryland-----	-	1	3 ⁸	-	-	-	1	6	9	-	-	-
District of Columbia-----	-	-	4 ⁴	-	-	-	-	6	8	-	-	-
Virginia-----	3	-	10	-	-	-	1	31	37	-	-	5
West Virginia-----	1	-	1	-	-	1	-	18	46	-	2	1
North Carolina-----	-	2	-	-	-	2	1	17	13	-	1	1
South Carolina-----	-	-	-	-	-	-	-	9	17	-	-	1
Georgia-----	1	-	1	-	-	2	2	28	29	-	3	2
Florida-----	-	2	3 ⁸	-	-	1	-	21	39	-	1	2
EAST SOUTH CENTRAL-----	2	4	1	-	-	1	3	93	159	-	6	14
Kentucky-----	-	1	-	-	-	-	-	26	53	-	6	10
Tennessee-----	1	1	-	-	-	-	3	28	64	-	-	-
Alabama-----	1	2	-	-	-	-	-	15	12	-	-	4
Mississippi-----	-	-	1	-	-	1	-	24	30	-	-	-
WEST SOUTH CENTRAL-----	1	10	11	-	-	8	5	201	218	-	4	8
Arkansas-----	-	1	-	-	-	-	-	25	37	-	2	1
Louisiana-----	-	4	-	-	-	2	-	73	49	-	-	2
Oklahoma-----	-	1	1	-	-	-	-	8	24	-	-	2
Texas-----	1	4	10	-	-	6	5	95	108	-	2	3
MOUNTAIN-----	2	1	37	-	-	1	2	57	44	-	-	-
Montana-----	-	-	-	-	-	-	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	6	4	-	-	-
Wyoming-----	-	-	5 ³⁵	-	-	-	-	3	2	-	-	-
Colorado-----	1	-	1	-	-	-	-	8	11	-	-	-
New Mexico-----	-	-	-	-	-	-	2	20	16	-	-	-
Arizona-----	1	-	1	-	-	1	-	9	7	-	-	-
Utah-----	-	-	-	-	-	-	-	-	1	-	-	-
Nevada-----	-	1	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	1	4	75	1	1	7	6	61	71	-	2	12
Washington-----	-	1	2	-	-	-	-	3	3	-	-	-
Oregon-----	-	-	5	1	1	1	-	10	5	-	-	-
California-----	1	3	2 ⁶⁸	-	-	6	6	48	63	-	2	12
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	21	15	-	-	-

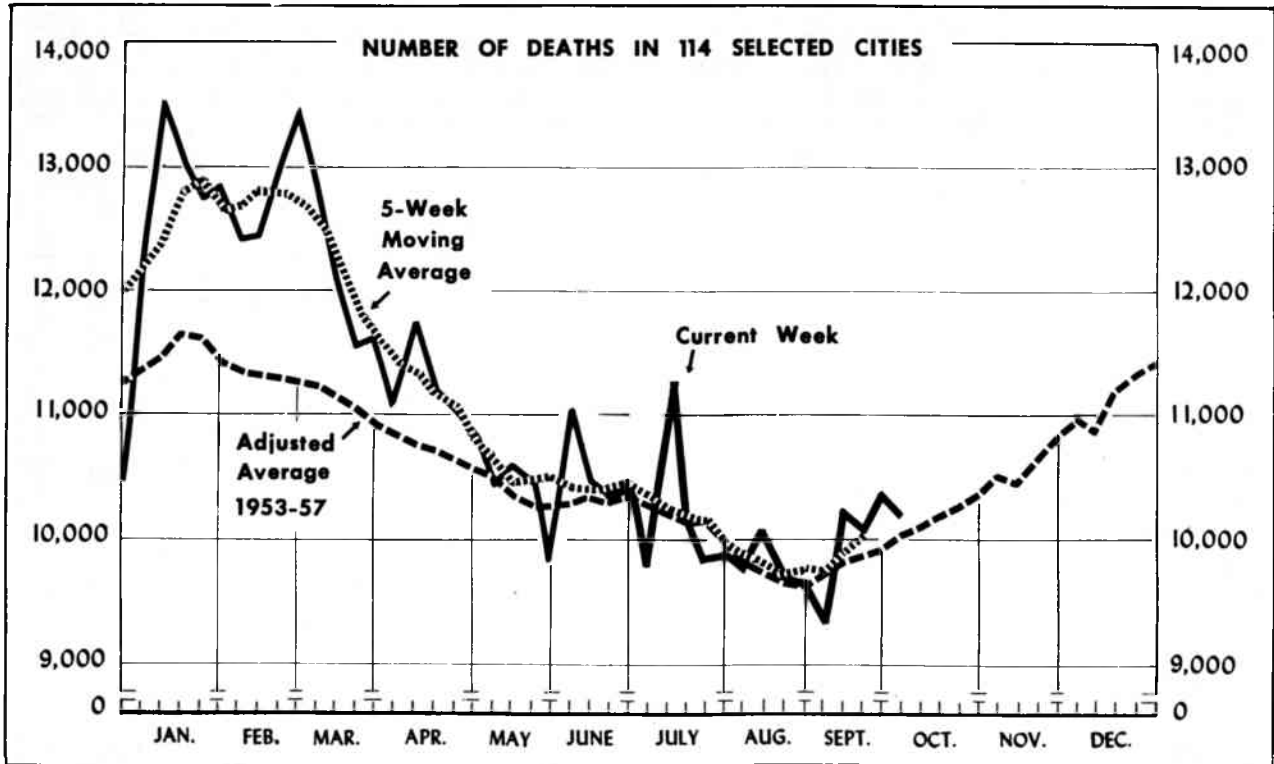
²Aseptic meningitis.

³Includes 7 cases of aseptic meningitis.

⁴Includes 3 cases of aseptic meningitis.

⁵Includes 34 cases of aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; asterisk[*]: disease not notifiable.



The chart shows the number of deaths reported for 114 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, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. 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 made for use in plotting the figure in the chart.

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)

AREA	40th week ended Oct. 4, 1958	39th week ended Sept. 27, 1958	Adjusted average, 40th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 40 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,157	10,372	10,038	+1.2	1,443,603	1,427,931	+3.7
New England----- (14 cities)	676	676	653	+3.5	28,047	27,523	+1.9
Middle Atlantic----- (20 cities)	12,928	2,922	3,001	-2.4	1,127,839	1,23,825	+3.2
East North Central----- (19 cities)	2,175	2,249	2,191	-0.7	94,533	92,340	+2.4
West North Central----- (9 cities)	757	679	711	+6.5	31,336	30,420	+3.0
South Atlantic----- (11 cities)	835	862	817	+2.2	38,511	35,936	+7.2
East South Central----- (8 cities)	425	482	454	-6.4	20,684	19,232	+7.5
West South Central----- (13 cities)	797	927	784	+1.7	37,848	35,932	+5.3
Mountain----- (8 cities)	268	281	227	+16.7	11,855	10,720	+10.6
Pacific----- (12 cities)	1,239	1,294	1,219	+6.6	52,950	52,003	+1.8

¹Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	40th week ended Oct. 4, 1958	39th week ended Sept. 27, 1958	CUMULATIVE NUMBER FIRST 40 WEEKS		AREA	40th week ended Oct. 4, 1958	39th week ended Sept. 27, 1958	CUMULATIVE NUMBER FIRST 40 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	213	239	9,667	9,308	St. Louis, Mo.-----	225	211	9,759	9,370
Bridgeport, Conn.-----	34	24	1,483	1,492	St. Paul, Minn.-----	72	58	2,879	2,614
Cambridge, Mass.-----	33	15	1,137	1,177	Wichita, Kans.-----	45	38	1,806	1,747
Fall River, Mass.-----	27	21	1,086	1,078	SOUTH ATLANTIC:				
Hartford, Conn.-----	61	47	2,008	1,960	Atlanta, Ga.-----	96	107	4,383	4,292
Lowell, Mass.-----	16	20	1,029	1,108	Baltimore, Md.-----	228	230	9,866	9,434
Lynn, Mass.-----	24	26	898	824	Charlotte, N. C.-----	34	34	1,410	1,315
New Bedford, Mass.-----	23	23	939	955	Jacksonville, Fla.-----	54	43	2,383	2,142
New Haven, Conn.-----	47	47	1,821	1,831	Miami, Fla.-----	62	66	2,863	1,990
Providence, R. I.-----	75	66	2,565	2,450	Norfolk, Va.-----	26	28	1,404	1,419
Somerville, Mass.-----	11	10	551	530	Richmond, Va.-----	77	65	3,003	2,958
Springfield, Mass.-----	48	46	1,696	1,665	Savannah, Ga.-----	25	28	1,304	1,170
Waterbury, Conn.-----	17	35	1,051	1,002	St. Petersburg, Fla.-----	(35)	(51)	(2,599)	---
Worcester, Mass.-----	47	57	2,116	2,143	Tampa, Fla.-----	27	64	2,652	2,449
MIDDLE ATLANTIC:					Washington, D. C.-----	175	160	7,746	7,313
Albany, N. Y.-----	50	62	1,961	1,947	Wilmington, Del.-----	31	37	1,497	1,454
Allentown, Pa.-----	27	30	1,298	1,487	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	136	130	5,949	5,633	Birmingham, Ala.-----	81	90	3,483	3,138
Camden, N. J.-----	42	35	1,694	1,584	Chattanooga, Tenn.-----	33	43	1,916	1,836
Elizabeth, N. J.-----	22	24	1,199	1,125	Knoxville, Tenn.-----	22	31	1,100	1,079
Erie, Pa.-----	44	29	1,423	1,410	Louisville, Ky.-----	92	107	4,366	4,159
Jersey City, N. J.-----	72	48	2,793	2,686	Memphis, Tenn.-----	79	101	4,591	4,259
Newark, N. J.-----	86	90	3,796	4,042	Mobile, Ala.-----	26	30	1,529	1,433
New York City, N. Y.-----	1,435	1,484	64,612	62,500	Montgomery, Ala.-----	31	22	1,342	1,011
Paterson, N. J.-----	46	35	1,639	1,552	Nashville, Tenn.-----	61	58	2,357	2,337
Philadelphia, Pa.-----	484	470	20,102	19,066	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	167	155	7,592	7,136	Austin, Tex.-----	25	26	1,304	1,165
Reading, Pa.-----	14	16	841	923	Baton Rouge, La.-----	19	41	1,137	982
Rochester, N. Y.-----	107	117	4,031	3,821	Corpus Christi, Tex.-----	13	34	841	832
Schenectady, N. Y.-----	22	17	898	932	Dallas, Tex.-----	89	118	4,609	4,330
Scranton, Pa.-----	25	32	1,379	1,474	El Paso, Tex.-----	32	52	1,443	1,245
Syracuse, N. Y.-----	54	52	2,478	2,317	Fort Worth, Tex.-----	63	44	2,422	2,467
Trenton, N. J.-----	35	42	1,880	1,777	Houston, Tex.-----	151	145	6,530	5,968
Utica, N. Y.-----	32	24	1,066	1,249	Little Rock, Ark.-----	37	59	2,167	2,117
Yonkers, N. Y.-----	28	30	1,208	1,164	New Orleans, La.-----	163	156	7,046	6,900
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	65	60	2,709	2,452
Akron, Ohio-----	62	56	2,278	2,140	San Antonio, Tex.-----	83	94	3,905	3,784
Canton, Ohio-----	25	29	1,241	1,227	Shreveport, La.-----	37	52	1,981	1,844
Chicago, Ill.-----	686	772	30,129	29,794	Tulsa, Okla.-----	20	46	1,954	1,846
Cincinnati, Ohio-----	144	136	6,442	5,995	MOUNTAIN:				
Cleveland, Ohio-----	198	172	8,303	8,193	Albuquerque, N. Mex.-----	20	29	1,139	1,027
Columbus, Ohio-----	133	97	4,521	4,446	Colorado Springs, Colo.-----	14	13	583	534
Dayton, Ohio-----	60	67	2,892	2,820	Denver, Colo.-----	100	115	4,492	4,387
Detroit, Mich.-----	308	304	12,707	12,787	Ogden, Utah-----	12	8	587	489
Evansville, Ind.-----	31	36	1,552	1,250	Phoenix, Ariz.-----	45	39	1,791	1,207
Flint, Mich.-----	26	37	1,490	1,475	Pueblo, Colo.-----	13	14	517	511
Fort Wayne, Ind.-----	24	31	1,376	1,412	Salt Lake City, Utah-----	49	42	1,921	1,755
Gary, Ind.-----	26	38	1,271	1,146	Tucson, Ariz.-----	12	21	825	810
Grand Rapids, Mich.-----	36	30	1,631	1,609	PACIFIC:				
Indianapolis, Ind.-----	118	132	5,128	4,706	Berkeley, Calif.-----	13	17	746	761
Madison, Wis.-----	(34)	(19)	(1,284)	(1,262)	Fresno, Calif.-----	(32)	(42)	(1,545)	---
Milwaukee, Wis.-----	114	117	5,222	5,182	Glendale, Calif.-----	(31)	(33)	(1,336)	---
Peoria, Ill.-----	31	39	1,268	1,160	Long Beach, Calif.-----	60	70	2,208	2,141
Rockford, Ill.-----	(22)	(24)	(1,038)	(1,013)	Los Angeles, Calif.-----	489	441	19,283	18,723
South Bend, Ind.-----	30	22	1,053	1,047	Oakland, Calif.-----	108	82	3,729	3,758
Toledo, Ohio-----	84	89	3,945	3,787	Pasadena, Calif.-----	34	35	1,412	1,414
Youngstown, Ohio-----	39	45	2,084	2,164	Portland, Oreg.-----	71	110	3,975	3,834
WEST NORTH CENTRAL:					Sacramento, Calif.-----	63	58	2,092	2,033
Des Moines, Iowa-----	53	59	2,174	2,165	San Diego, Calif.-----	75	95	3,263	3,143
Duluth, Minn.-----	15	22	990	1,037	San Francisco, Calif.-----	175	195	7,532	7,629
Kansas City, Kans.-----	49	35	1,091	1,157	San Jose, Calif.-----	(18)	(34)	(910)	---
Kansas City, Mo.-----	116	91	4,836	4,679	Seattle, Wash.-----	136	131	5,337	5,204
Lincoln, Nebr.-----	(20)	(27)	(998)	---	Spokane, Wash.-----	33	37	1,816	1,811
Minneapolis, Minn.-----	111	106	5,020	4,948	Tacoma, Wash.-----	42	43	1,557	1,552
Omaha, Nebr.-----	71	59	2,781	2,703	Honolulu, Hawaii-----	(41)	(29)	(1,465)	(1,530)

¹Estimated.

²Includes estimate for current week.

Symbols.—Parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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