

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 30, 1957

During October and November of this year there has been a marked increase in the incidence of meningococcal infections. From the seasonal low, September 1st, through the 48th week there have been 705 reported cases this year compared with 543 cases reported during the same period last year, an increase of 30 percent. The geographic divisions reporting especially high incidence are the New England, Middle Atlantic, East North Central, West North Central, and Pacific. During this disease year, 34 States have reported a greater number of cases. To date no reports of specific type incidence have been received.

Notice.—It would be appreciated if all available information about the specific types of *Neisseria meningitidis* involved in reported infections would be forwarded to this office.

EPIDEMIOLOGICAL REPORTS

Influenza

Incidence of influenza and mortality from influenza and pneumonia continues to decline in all parts of the country. The number of deaths from all causes in 114 large cities for the week ended November 30 was 10,214, and the deaths from influenza and pneumonia in 108 cities totaled 556. The number of deaths for all causes was 11,913 for the previous week; and for influenza and pneumonia the number was 693.

In September, October, and November 1956, less than 3 percent of all deaths reported in large cities of the United States was due to influenza and pneumonia. During September

Continued on page 2

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

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	48th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 30, 1957 ¹	Ended Dec. 1, 1956	Median 1952-56	First 48 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	21	-	-	19	36	30	(3)	(3)	(3)	(3)
Botulism-----049.1	-	-	-	11	12	12	(3)	(3)	(3)	(3)
Brucellosis (undulant fever)-----044	9	14	31	862	1,020	1,569	(3)	(3)	(3)	(3)
Diphtheria-----055	32	67	72	1,050	1,406	1,901	586	580	1,051	July 1
Encephalitis, infectious-----082	27	33	22	1,740	2,090	1,837	1,180	1,461	1,244	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	167	318	427	13,905	17,861	29,590	2,895	3,782	5,753	Sept. 1
Malaria-----110-117	1	3	10	144	226	682	(3)	(3)	(3)	(3)
Measles-----085	2,331	3,634	3,216	466,913	597,420	597,420	17,259	20,718	18,399	Sept. 1
Meningococcal infections-----057	60	42	78	2,390	2,508	3,856	705	543	747	Sept. 1
Meningitis, other-----340	28	43	---	2,184	1,496	---	---	---	---	---
Polio-myelitis-----080	57	163	452	5,747	14,974	34,707	5,221	13,922	32,815	Apr. 1
Paralytic-----080.0, 080.1	31	87	---	2,081	6,481	---	1,807	5,898	---	Apr. 1
Nonparalytic-----080.2	19	46	---	2,754	5,766	---	2,591	5,496	---	Apr. 1
Unspecified-----080.3	7	30	---	912	2,727	---	823	2,528	---	Apr. 1
Psittacosis-----096.2	6	10	3	233	470	259	(3)	(3)	(3)	(3)
Rabies in man-----094	-	-	-	5	8	8	(3)	(3)	(3)	(3)
Typhoid fever-----040	11	22	33	1,241	1,687	2,148	984	1,375	1,746	Apr. 1
Typhus fever, endemic-----101	-	1	2	111	99	169	86	80	139	Apr. 1
Rabies in animals-----	54	106	104	3,942	4,390	6,362	539	638	945	Oct. 1

¹Data exclude report for Idaho for the current week.

²Reported in New Jersey.

³Data show no pronounced seasonal change in incidence.

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

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EPIDEMIOLOGICAL REPORTS—Continued

1957, the percent ranged from 2.6 to 2.9. In October, the proportion of influenza and pneumonia deaths rose each week and reached 7 percent for the week ended November 9. However, there was considerable variation from city to city within the limits of 3 to 15 percent. The 7 percent is a marked contrast with the proportions in 1918 when 50 to 80 percent of all deaths in a number of cities was due to influenza and pneumonia at the height of the epidemic. In the 1928-29 epidemic, the proportions in various cities ranged from 25 to 55 percent. The low proportion of influenza and pneumonia deaths in the current epidemic indicates that mortality has been relatively low as compared with some epidemics that occurred prior to the time when sulfonamides and antibiotics were available for treatment of the complications of influenza.

Diphtheria

The Pennsylvania Department of Health has forwarded the following information concerning the incidence of diphtheria in that State. During the first 11 months of this year 37 cases of diphtheria have been reported. The reported incidence in the previous 5 full years was: 21 cases in 1956, 18 in 1955, 28 in 1954, 60 in 1953, and 81 in 1952. The age distribution of the 37 cases reported for this year is:

Under 5 years-----	16
5-9 years-----	13
10-14 years-----	3
15-19 years-----	2
20-29 years-----	1
30-44 years-----	2

Of the 37 cases, 25 occurred in Philadelphia. Investigation disclosed that the cases in Philadelphia occurred in 7 families with the distribution of cases in each family being 7, 6, 6, 3, 1, 1, and 1. Of these 25 persons, 22 were under 10 years of age, 21 had not been immunized, and the history of immunization of the remaining 4 was unreliable.

Rabies in animals

Dr. D. B. Coohon, Michigan Department of Health, has reported a case of rabies in a bat. A University of Michigan student was bitten on the finger by the bat which he found lying on the basement floor of his residence. The bat was held for observation; it died 2 days later and was sent to the Pasteur Institute, University of Michigan. Antirabies treatment was started on the student. Negri bodies were reported as found by microscopic examination of the bat brain. Mice were inoculated and a few Negri bodies were found in one of them. Negri bodies were also found on second passage in mice. Symptoms in the

inoculated mice were described as being peculiar and not typical of symptoms observed in mice inoculated with street virus. The bat carcass was destroyed before positive identification of the species was made. However, it was thought to be the large brown bat, *Eptesicus fuscus*.

Dr. Stanley H. Osborn, Connecticut State Department of Health, has reported a case of rabies in a fox captured in Greenwich. Negri bodies were found in the brain on examination in a laboratory. Animal inoculations are being done. This is the second case of animal rabies reported in Connecticut this year. The other animal was a skunk.

Psittacosis

The Oregon State Board of Health has reported a case of psittacosis in a 6-year-old boy. He developed a severe paroxysmal cough, fever, and poor appetite. A chest X-ray showed infiltration near the left hilum. The diagnosis was confirmed by laboratory tests. He had been in contact with approximately 20 parakeets in a private aviary next door to his home. No other human cases have been reported in connection with this possible source.

The California State Department of Public Health has reported a case of psittacosis in a 74-year-old woman. Chest X-ray showed pneumonia in the left lower lobe. The complement fixation test was positive for psittacosis in a titer of 1:64. She was in contact with 9 parakeets in a private aviary. Six birds escaped from the cage; the 3 remaining were negative for psittacosis on animal inoculation. None of the birds had been ill and none had died.

Gastro-enteritis

The Los Angeles County (California) Health Department has reported 2 outbreaks of gastro-enteritis—one involving food eaten in a lodge, and the other food from a restaurant. Roast beef and potato salad served to about 300 persons in the lodge were suspected of being the vehicle of infection. Fifty-six persons became ill from 1 to 52 hours after eating the meal. Bacteriologic examination of samples of the beef and potato salad failed to show any pathogenic organisms. About 40 stool specimens were examined for salmonella and all gave negative results. Apparently all foods served were permitted to remain for a number of hours at temperature favorable to incubation of bacteria. In the second outbreak, 3 of 6 people became ill about 9 hours after eating the food purchased in the restaurant and taken home where it was served. An inspection of the restaurant revealed no unsanitary conditions.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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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 DECEMBER 1, 1956 AND NOVEMBER 30, 1957

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, W998.5 pt.			
	044		48th week		Cumulative first 48 weeks		082		48th week		Cumulative first 48 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	9	14	32	67	1,050	1,406	27	33	167	318	13,905	17,661
NEW ENGLAND-----	1	1	-	1	26	15	1	-	10	16	746	1,134
Maine-----	-	-	-	-	3	-	-	-	1	1	233	282
New Hampshire-----	-	-	-	-	-	1	-	-	-	1	8	32
Vermont-----	-	-	-	-	-	-	-	-	-	3	88	158
Massachusetts-----	1	-	-	1	23	14	1	-	5	7	221	291
Rhode Island-----	-	-	-	-	-	-	-	-	3	1	74	135
Connecticut-----	-	1	-	-	-	-	-	-	1	3	122	236
MIDDLE ATLANTIC-----	-	1	1	1	88	62	8	8	46	57	2,269	3,789
New York-----	-	-	-	-	40	20	4	8	23	41	1,424	2,030
New Jersey-----	-	1	-	1	10	23	3	-	13	2	279	360
Pennsylvania-----	-	-	1	-	38	19	1	-	10	14	566	1,399
EAST NORTH CENTRAL-----	1	7	1	27	52	275	3	1	34	51	2,429	2,711
Ohio-----	-	-	1	-	14	18	-	-	10	10	596	663
Indiana-----	-	-	-	-	17	92	-	-	9	8	316	362
Illinois-----	-	4	-	-	3	8	-	-	4	14	670	648
Michigan-----	-	3	-	27	16	155	1	1	11	18	612	736
Wisconsin-----	1	-	-	-	2	2	2	-	-	1	235	302
WEST NORTH CENTRAL-----	2	3	5	10	86	124	2	9	8	13	761	1,403
Minnesota-----	-	1	-	-	35	26	-	-	3	4	285	457
Iowa-----	1	-	3	1	10	18	-	1	2	5	173	356
Missouri-----	1	-	-	1	1	14	-	1	-	1	123	94
North Dakota-----	-	-	-	-	3	5	-	-	3	3	95	124
South Dakota-----	-	-	-	2	10	10	-	-	-	-	35	169
Nebraska-----	-	1	2	-	20	34	-	-	-	-	24	93
Kansas-----	-	1	-	6	7	17	2	7	-	-	26	110
SOUTH ATLANTIC-----	-	-	9	6	360	355	3	5	14	17	1,071	1,146
Delaware-----	-	-	-	-	-	-	-	-	1	-	11	31
Maryland-----	-	-	-	-	3	2	-	-	1	-	94	88
District of Columbia-----	-	-	-	-	-	1	-	1	-	-	12	21
Virginia-----	-	-	2	-	18	30	-	1	3	6	409	461
West Virginia-----	-	-	-	1	9	8	-	-	2	-	90	63
North Carolina-----	-	-	1	1	46	65	2	1	1	1	103	118
South Carolina-----	-	-	4	-	100	83	1	-	-	-	33	63
Georgia-----	-	-	-	2	102	77	-	1	-	10	124	156
Florida-----	-	-	2	2	82	89	-	1	6	-	195	145
EAST SOUTH CENTRAL-----	1	2	2	6	157	193	6	4	7	29	1,751	1,586
Kentucky-----	-	1	-	1	18	14	2	2	1	8	749	489
Tennessee-----	-	1	-	1	12	23	-	-	1	12	630	674
Alabama-----	1	-	1	2	69	101	-	1	3	4	247	202
Mississippi-----	-	-	1	2	58	55	4	1	2	5	125	221
WEST SOUTH CENTRAL-----	3	-	10	4	207	286	1	3	9	21	1,073	1,288
Arkansas-----	1	-	8	-	45	21	-	-	2	-	77	138
Louisiana-----	-	-	1	3	25	36	-	-	-	1	51	132
Oklahoma-----	-	-	-	-	23	59	-	-	4	2	128	103
Texas-----	2	-	1	1	114	170	1	3	3	18	817	915
MOUNTAIN ¹ -----	1	-	4	11	39	42	-	-	15	40	1,206	1,541
Montana-----	-	-	1	-	10	4	-	-	1	4	171	364
Idaho-----	-	-	-	-	1	1	-	-	-	3	196	194
Wyoming-----	-	-	3	-	9	7	-	-	2	1	55	105
Colorado-----	-	-	-	-	2	3	-	-	8	8	184	345
New Mexico-----	-	-	-	11	11	18	-	-	3	4	377	142
Arizona-----	-	-	-	-	4	6	-	-	1	15	237	307
Utah-----	1	-	-	-	2	3	-	-	-	4	56	75
Nevada-----	-	-	-	-	-	-	-	-	-	1	30	9
PACIFIC-----	-	-	-	1	35	54	3	3	24	74	2,599	3,263
Washington-----	-	-	-	1	23	12	-	-	3	7	359	598
Oregon-----	-	-	-	-	3	11	-	-	5	11	485	650
California-----	-	-	-	-	9	31	3	3	16	56	1,755	2,015
Alaska-----	-	-	-	-	-	36	-	-	-	8	99	181
Hawaii-----	-	-	-	-	1	-	-	-	-	3	65	55
Puerto Rico-----	-	1	-	7	60	77	-	-	-	3	159	222

¹Data exclude report from Idaho for the current week.

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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 DECEMBER 1, 1956 AND NOVEMBER 30, 1957--Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic		110-117		085	
	48th week		Cumulative first 48 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	57	163	5,747	14,974	31	87	19	46	1	3	2,331	3,634
NEW ENGLAND-----	1	3	81	248	1	2	-	1	-	-	126	258
Maine-----	1	1	9	22	1	1	-	-	-	-	48	84
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	10	-
Vermont-----	-	-	5	21	-	-	-	-	-	-	-	79
Massachusetts-----	-	-	24	109	-	-	-	-	-	-	51	10
Rhode Island-----	-	-	-	9	-	-	-	-	-	-	-	1
Connecticut-----	-	2	39	84	-	1	-	1	-	-	17	84
MIDDLE ATLANTIC-----	2	12	336	1,188	1	5	-	2	-	-	279	888
New York-----	2	8	214	777	1	5	-	2	-	-	203	656
New Jersey-----	-	-	79	210	-	-	-	-	-	-	24	115
Pennsylvania-----	-	4	43	201	-	-	-	-	-	-	52	117
EAST NORTH CENTRAL-----	9	40	1,521	4,052	6	23	1	10	-	-	469	489
Ohio-----	3	7	266	612	2	2	-	-	-	-	66	82
Indiana-----	4	13	193	406	3	8	-	5	-	-	22	99
Illinois-----	-	5	345	1,827	-	3	-	2	-	-	28	50
Michigan-----	2	7	504	667	1	4	1	1	-	-	92	182
Wisconsin-----	-	8	213	540	-	6	-	2	-	-	261	76
WEST NORTH CENTRAL-----	4	14	452	1,683	1	1	2	9	-	-	73	168
Minnesota-----	-	1	52	203	-	-	-	1	-	-	1	48
Iowa-----	-	3	83	627	-	-	-	3	-	-	16	52
Missouri-----	3	5	124	413	1	1	2	2	-	-	-	9
North Dakota-----	-	-	11	37	-	-	-	-	-	-	56	52
South Dakota-----	-	-	40	37	-	-	-	-	-	-	-	4
Nebraska-----	-	4	77	179	-	-	-	3	-	-	-	3
Kansas-----	1	1	65	187	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	11	9	826	1,458	4	6	7	1	-	-	445	258
Delaware-----	-	-	5	27	-	-	-	-	-	-	1	13
Maryland-----	5	1	34	105	3	1	2	-	-	-	154	6
District of Columbia-----	1	-	67	11	1	-	-	-	-	-	38	-
Virginia-----	-	1	109	228	-	1	-	-	-	-	68	112
West Virginia-----	-	1	50	111	-	1	-	-	-	-	71	33
North Carolina-----	4	2	219	322	-	2	4	-	-	-	29	4
South Carolina-----	1	1	128	105	-	1	1	-	-	-	36	40
Georgia-----	-	1	82	194	-	-	-	-	-	-	32	29
Florida-----	-	2	132	355	-	-	-	1	-	-	16	21
EAST SOUTH CENTRAL-----	6	12	413	718	3	6	1	1	-	-	168	539
Kentucky-----	-	2	109	191	-	-	-	1	-	-	23	151
Tennessee-----	3	2	148	147	2	2	-	-	-	-	137	338
Alabama-----	-	2	54	94	-	-	-	-	-	-	1	35
Mississippi-----	3	6	102	286	1	4	1	-	-	-	7	15
WEST SOUTH CENTRAL-----	11	26	1,077	2,344	4	21	6	5	-	-	179	243
Arkansas-----	-	3	55	209	-	1	-	2	-	-	31	38
Louisiana-----	1	5	180	611	1	4	-	1	-	-	4	3
Oklahoma-----	1	2	123	221	-	2	-	-	-	-	2	3
Texas-----	9	16	719	1,303	3	14	6	2	-	-	142	202
MOUNTAIN ¹ -----	1	21	239	808	1	9	-	5	-	-	196	321
Montana-----	-	2	12	49	-	2	-	-	-	-	124	40
Idaho-----	-	1	125	108	-	-	-	-	-	-	-	1
Wyoming-----	-	3	13	36	-	2	-	1	-	-	-	-
Colorado-----	1	7	49	157	1	4	-	3	-	-	10	5
New Mexico-----	-	3	49	78	-	1	-	1	-	-	21	101
Arizona-----	-	-	55	128	-	-	-	-	-	-	33	21
Utah-----	-	5	32	218	-	-	-	-	-	-	8	153
Nevada-----	-	-	4	34	-	-	-	-	-	-	-	2
PACIFIC-----	12	26	802	2,475	10	14	2	12	1	3	396	470
Washington-----	1	2	19	183	1	1	-	1	-	1	83	211
Oregon-----	1	1	46	165	1	1	-	-	-	-	108	41
California-----	10	23	737	2,127	8	12	2	11	1	2	205	218
Alaska-----	-	-	3	12	-	-	-	-	-	-	7	76
Hawaii-----	-	-	10	67	-	-	-	-	-	-	-	304
Puerto Rico-----	-	-	33	51	-	-	-	-	-	-	24	52

¹Data exclude report from Idaho for the current week.
²Includes cases not specified by type, category number 080.3.

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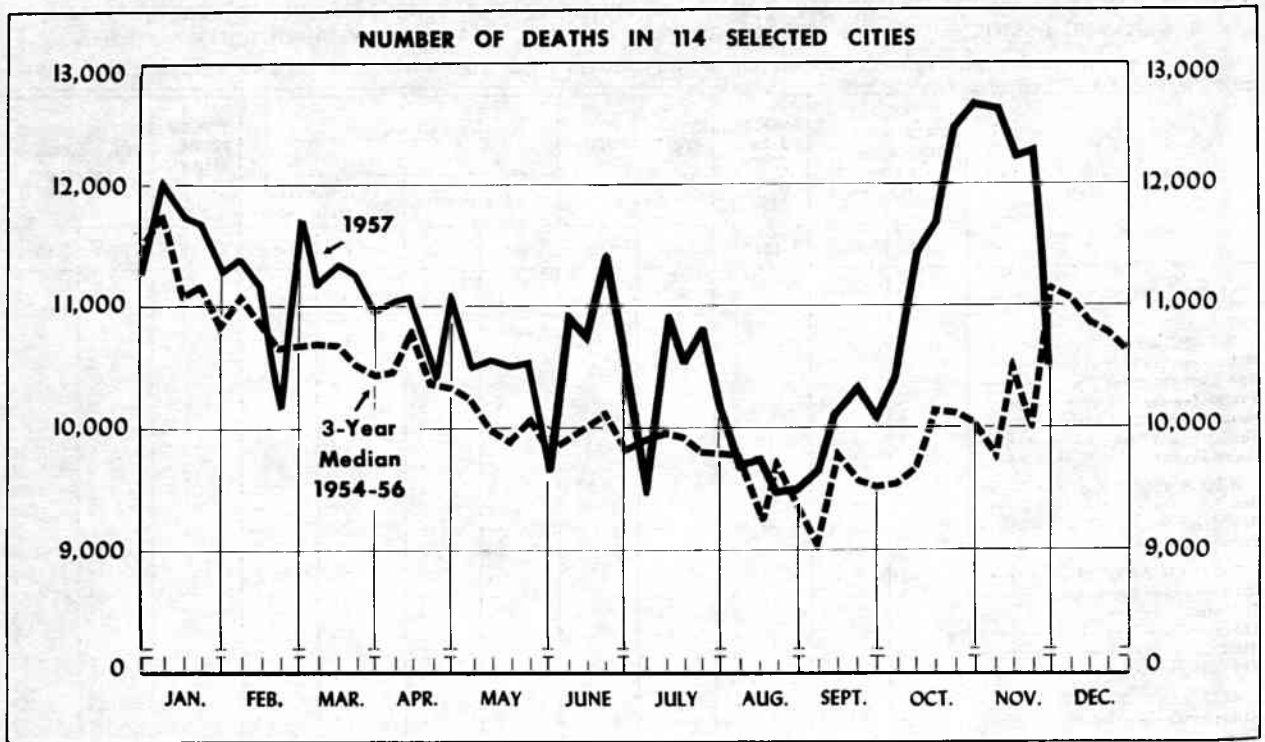
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 1, 1956 AND NOVEMBER 30, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		48th week		Cumulative first 48 weeks		101	1957	1956
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES ¹ -----	60	42	28	6	10	11	22	1,241	1,687	-	54	106
NEW ENGLAND-----	3	1	7	-	1	1	-	25	55	-	-	-
Maine-----	-	-	1	-	-	-	-	2	17	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	2	-	-	-	-	-	3	-	-	-
Massachusetts-----	2	-	1	-	-	1	-	13	17	-	-	-
Rhode Island-----	1	-	3	-	-	-	-	5	6	-	-	-
Connecticut-----	-	1	-	-	1	-	-	3	12	-	-	-
MIDDLE ATLANTIC-----	9	7	-	-	3	4	3	150	205	-	3	4
New York-----	3	2	-	-	3	1	-	57	58	-	2	3
New Jersey-----	3	2	-	-	-	-	-	20	32	-	-	-
Pennsylvania-----	3	3	-	-	-	3	3	73	115	-	1	1
EAST NORTH CENTRAL-----	12	13	2	1	1	3	3	174	220	-	10	9
Ohio-----	4	3	-	-	1	-	-	63	59	-	6	7
Indiana-----	1	1	1	-	-	3	-	62	30	-	1	2
Illinois-----	1	1	-	-	-	-	-	20	36	-	-	-
Michigan-----	5	3	-	-	-	-	2	15	52	-	-	-
Wisconsin-----	1	5	-	1	-	-	1	14	43	-	3	-
WEST NORTH CENTRAL-----	3	1	1	-	-	-	2	88	199	-	12	17
Minnesota-----	-	-	-	-	-	-	-	5	37	-	4	7
Iowa-----	-	-	1	-	-	-	-	22	60	-	4	5
Missouri-----	1	-	-	-	-	-	2	44	67	-	2	4
North Dakota-----	-	-	-	-	-	-	-	2	6	-	-	-
South Dakota-----	1	-	-	-	-	-	-	8	3	-	-	-
Nebraska-----	1	-	-	-	-	-	-	1	13	-	2	1
Kansas-----	-	1	-	-	-	-	-	6	13	-	-	-
SOUTH ATLANTIC-----	13	4	6	-	-	-	3	231	273	-	11	27
Delaware-----	-	-	-	-	-	-	-	1	3	-	-	-
Maryland-----	1	1	1	-	-	-	-	10	17	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	9	12	-	-	-
Virginia-----	4	1	3	-	-	-	-	41	54	-	4	4
West Virginia-----	-	-	-	-	-	-	1	50	24	-	-	3
North Carolina-----	1	1	-	-	-	-	1	14	28	-	-	-
South Carolina-----	3	-	1	-	-	-	1	20	30	-	3	7
Georgia-----	3	1	1	-	-	-	-	32	53	-	4	13
Florida-----	1	-	-	-	-	-	-	54	52	-	-	-
EAST SOUTH CENTRAL-----	10	9	6	-	2	-	6	171	230	-	5	16
Kentucky-----	1	2	1	-	-	-	2	54	53	-	-	7
Tennessee-----	6	1	2	-	-	-	-	65	81	-	2	2
Alabama-----	3	6	-	-	-	-	-	12	30	-	3	7
Mississippi-----	-	-	3	-	2	-	4	40	66	-	-	-
WEST SOUTH CENTRAL-----	4	3	4	1	-	2	2	248	314	-	9	30
Arkansas-----	-	-	-	-	-	-	-	42	68	-	2	1
Louisiana-----	-	-	-	-	-	2	-	59	44	-	1	29
Oklahoma-----	2	-	2	-	-	-	-	26	49	-	-	-
Texas-----	2	3	2	1	-	-	2	121	153	-	6	-
MOUNTAIN ¹ -----	1	2	2	-	-	-	1	54	74	-	-	-
Montana-----	-	-	-	-	-	-	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	1	-	14	4	-	-	-
Wyoming-----	-	-	-	-	-	-	2	2	2	-	-	-
Colorado-----	-	-	1	-	-	-	-	12	21	-	-	-
New Mexico-----	1	-	1	-	-	-	-	20	17	-	-	-
Arizona-----	-	1	-	-	-	-	-	10	24	-	-	-
Utah-----	-	1	-	-	-	-	-	3	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	5	2	-	4	3	1	2	100	117	-	4	3
Washington-----	3	-	-	-	1	-	-	7	3	-	-	-
Oregon-----	-	-	-	3	-	-	-	6	14	-	-	-
California-----	2	2	-	1	2	1	2	87	100	-	4	3
Alaska-----	-	-	-	-	-	-	-	2	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	1	-	-	-	-	1	17	75	-	-	-

¹Data exclude report from Idaho for the current week.

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

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) 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 to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that 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.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their 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	48th week ended Nov. 30, 1957	47th week ended Nov. 23, 1957	48th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 48 WEEKS		
					1957	1956	Percent change
TOTAL: 111 REPORTING CITIES-----	10,214	11,913	10,890	-6.2	509,439	486,859	+4.6
New England----- (12 cities)	455	473	462	-1.5	21,057	20,235	+4.1
Middle Atlantic----- (19 cities)	2,929	3,413	3,242	-9.7	150,500	144,954	+3.7
East North Central----- (19 cities)	2,249	2,555	2,439	-7.8	113,347	108,757	+4.2
West North Central----- (9 cities)	746	869	783	-4.7	37,437	35,339	+5.9
South Atlantic----- (11 cities)	912	1,082	902	+1.1	44,186	41,850	+5.6
East South Central----- (8 cities)	478	625	522	-8.4	23,448	22,490	+4.3
West South Central----- (13 cities)	860	1,082	873	-1.5	43,577	40,160	+8.5
Mountain----- (8 cities)	249	318	266	-6.4	13,076	11,800	+10.8
Pacific----- (12 cities)	1,336	1,496	1,369	-2.4	63,011	61,274	+2.8

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	48th week ended	47th week ended	CUMULATIVE NUMBER FIRST 48 WEEKS		AREA	48th week ended	47th week ended	CUMULATIVE NUMBER FIRST 48 WEEKS	
	Nov. 30, 1957	Nov. 23, 1957	1957	1956		Nov. 30, 1957	Nov. 23, 1957	1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(311)	---	(10,877)	St. Louis, Mo.-----	235	265	11,602	11,112
Bridgeport, Conn.-----	37	45	1,852	1,751	St. Paul, Minn.-----	58	78	3,173	3,136
Cambridge, Mass.-----	34	40	1,421	1,395	Wichita, Kans.-----	31	46	2,108	1,988
Fall River, Mass.-----	28	27	1,309	1,321	SOUTH ATLANTIC				
Hartford, Conn.-----	44	56	2,401	2,252	Atlanta, Ga.-----	94	121	5,311	5,163
Lowell, Mass.-----	23	31	1,335	1,120	Baltimore, Md.-----	259	287	11,591	11,040
Lynn, Mass.-----	15	29	1,027	997	Charlotte, N. C.-----	35	55	1,641	1,423
New Bedford, Mass.-----	---	(23)	---	(1,083)	Jacksonville, Fla.-----	49	73	2,595	2,440
New Haven, Conn.-----	55	44	2,246	2,167	Miami, Fla.-----	33	62	2,429	2,450
Providence, R. I.-----	67	63	2,989	2,936	Norfolk, Va.-----	22	50	1,767	1,566
Somerville, Mass.-----	12	14	632	720	Richmond, Va.-----	72	86	3,616	3,319
Springfield, Mass.-----	45	38	2,028	1,965	Savannah, Ga.-----	25	30	1,443	1,374
Waterbury, Conn.-----	22	23	1,202	1,213	Tempe, Fla.-----	84	78	2,990	2,760
Worcester, Mass.-----	73	63	2,615	2,398	Washington, D. C.-----	217	205	9,077	8,651
MIDDLE ATLANTIC					Wilmington, Del.-----	22	35	1,726	1,664
Albany, N. Y.-----	55	56	2,392	2,316	EAST SOUTH CENTRAL				
Allentown, Pa.-----	24	29	1,836	1,783	Birmingham, Ala.-----	86	115	3,855	3,655
Buffalo, N. Y.-----	171	168	6,912	6,828	Chattanooga, Tenn.-----	40	69	2,198	1,984
Camden, N. J.-----	43	49	1,941	1,867	Knoxville, Tenn.-----	29	28	1,300	1,548
Elizabeth, N. J.-----	32	25	1,363	1,321	Louisville, Ky.-----	97	139	5,127	5,032
Erie, Pa.-----	34	48	1,731	1,562	Memphis, Tenn.-----	95	107	5,110	4,694
Jersey City, N. J.-----	61	86	3,324	3,302	Mobile, Ala.-----	42	45	1,751	1,641
Newark, N. J.-----	69	100	4,924	4,611	Montgomery, Ala.-----	22	38	1,273	1,367
New York City, N. Y.-----	1,512	1,701	76,954	74,068	Nashville, Tenn.-----	67	84	2,834	2,569
Paterson, N. J.-----	---	---	---	(1,800)	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	472	567	23,344	22,577	Austin, Tex.-----	28	44	1,432	1,301
Pittsburgh, Pa.-----	156	212	8,895	8,707	Baton Rouge, La.-----	18	31	1,188	1,057
Reading, Pa.-----	22	18	1,121	1,020	Corpus Christi, Tex.-----	15	21	1,018	947
Rochester, N. Y.-----	94	104	4,734	4,521	Dallas, Tex.-----	117	124	5,290	5,166
Schenectady, N. Y.-----	17	25	1,124	1,063	El Paso, Tex.-----	43	41	1,532	1,286
Scranton, Pa.-----	34	47	1,806	1,627	Fort Worth, Tex.-----	69	81	3,030	2,769
Syracuse, N. Y.-----	48	75	2,848	2,818	Houston, Tex.-----	129	174	7,186	6,435
Trenton, N. J.-----	30	42	2,145	2,081	Little Rock, Ark.-----	54	77	2,539	2,202
Utica, N. Y.-----	21	30	1,493	1,468	New Orleans, La.-----	172	188	8,280	7,532
Yonkers, N. Y.-----	34	31	1,413	1,414	Oklahoma City, Okla.-----	49	74	2,960	2,983
EAST NORTH CENTRAL					San Antonio, Tex.-----	101	114	4,622	4,196
Akron, Ohio-----	42	55	2,619	2,526	Shreveport, La.-----	47	39	2,257	2,155
Canton, Ohio-----	26	55	1,515	1,364	Tulsa, Okla.-----	18	74	2,243	2,131
Chicago, Ill.-----	739	801	36,667	34,916	MOUNTAIN				
Cincinnati, Ohio-----	133	159	7,357	7,227	Albuquerque, N. Mex.-----	25	31	1,244	1,108
Cleveland, Ohio-----	194	247	10,025	9,781	Colorado Springs, Colo.-----	11	12	649	622
Columbus, Ohio-----	116	117	5,432	5,142	Denver, Colo.-----	95	129	5,329	5,153
Dayton, Ohio-----	73	75	3,467	3,162	Ogden, Utah-----	10	13	605	603
Detroit, Mich.-----	325	352	15,655	15,069	Phoenix, Ariz.-----	34	51	1,529	1,232
Evansville, Ind.-----	37	24	1,567	1,583	Pueblo, Colo.-----	10	8	600	601
Flint, Mich.-----	39	37	1,811	1,819	Salt Lake City, Utah-----	46	56	2,163	2,136
Fort Wayne, Ind.-----	54	37	1,749	1,705	Tucson, Ariz.-----	18	18	957	345
Gary, Ind.-----	18	38	1,404	1,363	PACIFIC				
Grand Rapids, Mich.-----	41	38	1,956	1,945	Berkeley, Calif.-----	25	19	943	788
Indianapolis, Ind.-----	71	143	5,804	5,591	Long Beach, Calif.-----	68	54	2,594	2,565
Milwaukee, Wis.-----	130	146	6,308	5,908	Los Angeles, Calif.-----	482	544	22,733	22,411
Peoria, Ill.-----	39	36	1,459	1,394	Oakland, Calif.-----	106	91	4,540	4,320
South Bend, Ind.-----	23	26	1,258	1,169	Pasadena, Calif.-----	37	51	1,698	1,670
Toledo, Ohio-----	103	108	4,590	4,516	Portland, Oreg.-----	91	120	4,688	4,527
Youngstown, Ohio-----	46	61	2,704	2,577	Sacramento, Calif.-----	55	49	2,464	2,325
WEST NORTH CENTRAL					San Diego, Calif.-----	80	106	3,812	3,599
Des Moines, Iowa-----	57	62	2,680	2,403	San Francisco, Calif.-----	170	197	9,111	9,087
Duluth, Minn.-----	30	45	1,291	1,236	Seattle, Wash.-----	128	145	6,294	5,998
Kansas City, Kans.-----	23	20	1,376	1,467	Spokane, Wash.-----	53	74	2,247	2,179
Kansas City, Mo.-----	124	125	5,749	5,176	Tacoma, Wash.-----	41	46	1,887	1,805
Minneapolis, Minn.-----	118	140	6,132	5,693	Honolulu, Hawaii-----	(33)	(38)	(1,818)	(1,650)
Omaha, Nebr.-----	70	88	3,326	3,128					

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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