

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

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Vol. 6, No. 43

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 26, 1957

EPIDEMIOLOGICAL REPORTS

Bubonic plague

Dr. J. E. Peavy, Texas Department of Health, has provided information on a fatal case of bubonic plague in a 4-year-old girl. The patient gave a history of flea bites when visiting an area west of Boulder, Colorado. She became ill after arriving home in Wichita County, Texas, and died 1 week after onset. Physical findings consisted of a high fever, glandular enlargement, and a rash. Cultures taken at autopsy showed an organism resembling *Pasteurella pestis*. Final confirmation of diagnosis was obtained more than a month after death of the patient.

Influenza

The occurrence of influenza and influenza-like disease for the week ended October 26 showed no marked change from that of the previous week. Some States reported the extension of high absenteeism rates to schools not previously affected. Others reported a decline in some schools but extension to others. Increased absenteeism rates have been noted in some industrial or other employee groups, but in most instances these have not been large. Statewide occurrence of influenza was reported in some States in both the school and the general populations. Curtailment or crippling of essential community services has not been reported. Laboratory confir-

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	43d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 26, 1957	Ended Oct. 27, 1956	Median 1952-56	First 43 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	-	-	17	34	26	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	11	12	10	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	10	40	37	808	912	1,405	(1)	(1)	(1)	(1)
Diphtheria-----055	45	19	72	860	1,151	1,542	396	325	680	July 1
Encephalitis, infectious-----082	36	63	46	2,571	1,876	1,675	2,011	1,247	1,082	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	406	353	438	13,009	16,382	26,813	1,999	2,303	3,632	Sept. 1
Malaria-----110-117	4	3	17	136	211	622	(1)	(1)	(1)	(1)
Measles-----085	1,305	1,779	1,463	457,596	585,301	585,301	7,942	8,599	7,168	Sept. 1
Meningococcal infections-----057	68	42	57	2,029	2,265	3,523	344	300	414	Sept. 1
Meningitis, other-----340	48	36	---	1,982	1,296	---	---	---	---	---
Poliomyelitis-----080	112	322	1,030	5,446	13,851	31,763	4,920	12,799	29,871	Apr. 1
Paralytic-----080.0,080.1	73	142	---	1,899	5,932	---	1,625	5,349	---	Apr. 1
Nonparalytic-----080.2	27	124	---	2,680	5,417	---	2,517	5,147	---	Apr. 1
Unspecified-----080.3	12	56	---	867	2,502	---	778	2,303	---	Apr. 1
Psittacosis-----096.2	5	4	4	215	442	229	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	4	8	8	(1)	(1)	(1)	(1)
Typhoid fever-----040	17	29	54	1,148	1,568	1,944	891	1,256	1,542	Apr. 1
Typhus fever, endemic-----101	5	-	1	107	91	151	82	72	121	Apr. 1
Rabies in animals-----	63	68	95	3,654	4,025	5,850	251	273	433	Oct. 1

¹Data show no pronounced seasonal change in incidence. ²Includes revised report from Indiana for the week ended October 19.

NOTE.—Texas reported 1 case of plague for the current week.

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

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EPIDEMIOLOGICAL REPORTS—Continued

mation of the diagnosis of influenza, either by isolation of an Asian strain of type A influenza virus or by positive serologic tests for this type of infection, continues to be reported from many of the States.

A number of reports of influenza complicated by encephalitis have been received. Dr. Gordon Meikeljohn, University of Colorado, has reported 2 cases which are recovering but in which the Asian strain of infection has not yet been established. Three fatal cases with an encephalitic component are under investigation in New York State.

Several reports of outbreaks of influenza in institutions housing mentally retarded persons and in custodial schools have been reported in 5 States. Attack rates as high as 90 to 95 percent have been noted. Occurrence of pneumonia has been relatively frequent, and high mortality rates have been reported. Confirmation of influenza infection has been established in some of these institutions.

The numbers of deaths from all causes and from influenza and pneumonia continued to rise in the large cities for the week ended October 26 as compared with the previous week. Deaths from all causes rose 6 percent (see page 6) and from influenza and pneumonia, 28 percent. Cities in all geographic divisions except the Mountain and Pacific showed increases. However, New York City appears to have reached its peak in numbers of deaths, but these still are in excess of those for last year. Since September 1 of the current year, there have been 6,438 more deaths from all causes in the 114 cities than for the same period last year. The excess in number of deaths from influenza and pneumonia is 1,187 for 108 cities. Both of these excesses in numbers roughly measure the impact of the current epidemic of influenza on the population of the large cities which contain approximately one-third of the population of the country as a whole. The estimated death rate from influenza and pneumonia in the 108 cities for the week ended October 26 was 83 per 100,000 population on an annual basis as compared with an estimated rate of 30 for the same week last year.

Mortality data by States for October are not available at this time although some States have reported "influenza associated" deaths.

Brucellosis

The California State Department of Public Health has reported the occurrence of 2 cases of brucellosis in members of 1 family. The investigation by Dr. C. H. Pettet, Los Angeles County Health Department, revealed that the patients, a 29-

year-old housewife and her 5-year-old son, had been consuming raw milk from a dairy for 2 years. Both had an insidious onset. The mother complained of fever and marked fatigue for 6 weeks prior to consulting a physician. The boy had severe night sweats and failed to gain in weight. A specimen of blood from the mother showed an agglutinating titer of 1:160 and the boy had a titer of 1:1280. Both were treated with tetracycline.

Salmonellosis

The California State Department of Public Health has reported 3 cases of salmonellosis in a private home. Symptoms of nausea, diarrhea, severe abdominal pain, and persistent emesis lasted about 1 week. Custard-filled rolls were suspected of being the vehicle of infection, but none were collected for laboratory tests. Of specimens collected from the patients 2 were positive for Salmonella typhimurium.

Gastro-enteritis

The Fresno County (California) Health Department has reported an outbreak of gastro-enteritis among a group of 33 persons. Of these, 17 became ill with vomiting, diarrhea, cramps, fever, and prostration. Laboratory tests revealed staphylococcus in cheese and Salmonella montevideo, C₁, in hard-boiled eggs. There was no history of who ate the cheese but both the physician who attended those ill and the local health officer believed the outbreak was more typical of staphylococcal food poisoning. Salmonella organisms were found in the white of the egg but not in the yolk. This can be explained by the fact that the eggs with shells removed had been replaced in the original containers.

The California State Department of Public Health has reported an outbreak of gastro-enteritis in a restaurant. Three persons became ill from 10 to 15 minutes after eating strawberry tarts. An investigation revealed no evidence of insecticide or chemical adulteration of the food. None of the food was available for laboratory tests.

The Oregon State Board of Health has reported an outbreak of gastro-enteritis involving 11 persons. The outbreak was not reported until 6 days after it occurred and no food was available for laboratory tests. Symptoms of nausea and vomiting occurred about 4 hours after food had been ingested.

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 OCTOBER 27, 1956 AND OCTOBER 26, 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,N998.5 pt.			
	044		43d week		Cumulative first 43 weeks		082		43d week		Cumulative first 43 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	10	40	45	19	860	1,151	36	63	406	353	13,009	16,382
NEW ENGLAND-----	2	1	1	-	24	12	2	4	9	12	710	1,053
Maine-----	1	-	-	-	3	-	-	-	3	3	226	255
New Hampshire-----	-	-	-	-	-	1	-	-	-	-	8	31
Vermont-----	-	-	-	-	-	-	-	-	-	3	88	148
Massachusetts-----	1	1	1	-	21	11	-	3	4	4	210	267
Rhode Island-----	-	-	-	-	-	-	-	-	-	1	67	126
Connecticut-----	-	-	-	-	-	-	1	1	2	1	111	226
MIDDLE ATLANTIC-----	-	-	10	-	76	51	8	6	37	70	2,077	3,506
New York-----	-	-	1	-	34	18	7	6	33	37	1,297	1,854
New Jersey-----	-	-	-	-	10	14	1	-	1	9	250	330
Pennsylvania-----	-	-	9	-	32	19	-	-	3	24	530	1,322
EAST NORTH CENTRAL-----	3	5	-	2	44	190	8	5	216	89	2,325	2,478
Ohio-----	2	1	-	-	12	14	2	2	12	11	549	596
Indiana-----	-	-	-	1	11	89	2	1	138	4	434	341
Illinois-----	-	1	-	-	3	8	3	-	57	56	542	585
Michigan-----	-	3	-	1	16	77	1	2	8	9	572	672
Wisconsin-----	1	-	-	-	2	2	-	-	1	9	228	284
WEST NORTH CENTRAL-----	1	19	3	-	69	97	2	17	5	14	726	1,332
Minnesota-----	-	4	1	-	32	26	-	-	3	4	268	426
Iowa-----	1	9	-	-	7	17	-	-	3	6	169	342
Missouri-----	-	-	-	-	1	11	-	-	-	1	115	85
North Dakota-----	-	-	-	-	3	5	2	-	1	3	91	117
South Dakota-----	-	1	-	-	6	8	-	-	-	-	34	161
Nebraska-----	-	1	1	-	13	26	-	2	-	-	24	91
Kansas-----	-	4	1	-	7	4	-	15	-	-	25	110
SOUTH ATLANTIC-----	1	4	17	9	281	291	3	3	22	16	989	1,059
Delaware-----	-	-	-	-	-	-	-	-	-	-	9	30
Maryland-----	-	-	-	-	3	2	-	-	4	-	91	82
District of Columbia-----	-	-	-	-	-	1	-	-	1	-	11	19
Virginia-----	1	2	1	-	15	26	-	-	7	9	389	422
West Virginia-----	-	-	-	-	5	7	-	1	1	1	86	57
North Carolina-----	-	1	2	4	34	48	1	-	1	2	93	113
South Carolina-----	-	-	4	2	82	69	-	1	-	1	29	58
Georgia-----	-	1	10	2	75	66	-	1	4	1	113	139
Florida-----	-	-	-	1	67	72	2	-	4	2	168	139
EAST SOUTH CENTRAL-----	3	3	8	4	134	165	2	7	18	26	1,655	1,430
Kentucky-----	3	-	1	-	16	11	1	3	6	5	705	440
Tennessee-----	-	2	1	-	12	20	-	2	6	8	609	595
Alabama-----	-	1	4	-	60	86	1	2	4	5	224	188
Mississippi-----	-	-	2	4	46	48	-	-	2	8	117	207
WEST SOUTH CENTRAL-----	-	5	5	3	169	265	3	10	16	22	997	1,190
Arkansas-----	-	3	1	-	26	20	-	-	-	6	68	128
Louisiana-----	-	2	-	1	17	29	-	-	-	7	50	122
Oklahoma-----	-	-	-	-	20	58	-	-	2	3	117	93
Texas-----	-	-	4	2	106	158	3	10	14	6	762	847
MOUNTAIN-----	-	2	1	-	29	27	-	-	37	27	1,106	1,426
Montana-----	-	-	-	-	9	3	-	-	7	1	160	345
Idaho-----	-	-	-	-	1	1	-	-	4	2	91	184
Wyoming-----	-	1	-	-	1	7	-	-	-	-	48	91
Colorado-----	-	-	-	-	2	3	-	-	2	6	169	325
New Mexico-----	-	-	1	-	10	5	-	-	11	6	352	124
Arizona-----	-	1	-	-	4	5	-	-	11	11	205	281
Utah-----	-	-	-	-	2	3	-	-	2	1	51	68
Nevada-----	-	-	-	-	-	-	-	-	-	-	30	8
PACIFIC-----	-	1	-	1	34	53	8	11	46	77	2,424	2,908
Washington-----	-	-	-	1	23	11	-	1	3	6	329	569
Oregon-----	-	-	-	-	3	11	-	-	8	12	456	584
California-----	-	1	-	-	8	31	8	10	35	59	1,639	1,755
Alaska-----	-	-	-	-	-	35	-	-	-	41	85	113
Hawaii-----	-	-	-	-	-	-	-	-	3	-	56	52
Puerto Rico-----	-	-	-	2	46	66	-	-	2	6	151	212

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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 27, 1956 AND OCTOBER 26, 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 ¹				Paralytic		Nonparalytic		110-117		085	
	43d week		Cumulative first 43 weeks		080.0,080.1		080.2		110-117		085	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	112	322	5,446	13,851	73	142	27	124	4	3	1,305	1,779
NEW ENGLAND-----	1	3	78	239	1	-	-	3	-	1	100	59
Maine-----	1	-	7	21	1	-	-	-	-	-	37	19
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	15	-
Vermont-----	-	-	5	21	-	-	-	-	-	-	1	5
Massachusetts-----	-	1	24	105	-	-	-	1	-	-	45	10
Rhode Island-----	-	-	-	9	-	-	-	-	-	-	-	-
Connecticut-----	-	2	38	80	-	-	-	2	-	1	2	25
MIDDLE ATLANTIC-----	7	24	327	1,090	5	8	2	6	-	-	134	278
New York-----	4	13	201	712	4	7	-	5	-	-	92	136
New Jersey-----	-	2	77	201	-	1	-	1	-	-	21	56
Pennsylvania-----	3	9	49	177	1	-	2	-	-	-	21	86
EAST NORTH CENTRAL-----	25	64	1,440	3,800	13	27	7	20	-	-	229	343
Ohio-----	6	11	246	566	3	5	2	1	-	-	36	27
Indiana-----	8	6	167	344	5	5	2	-	-	-	19	75
Illinois-----	4	18	335	1,773	1	6	-	7	-	-	29	38
Michigan-----	5	12	484	619	2	6	3	4	-	-	14	118
Wisconsin-----	2	17	208	498	2	5	-	8	-	-	131	85
WEST NORTH CENTRAL-----	7	29	435	1,595	7	5	-	17	-	-	8	134
Minnesota-----	1	5	51	193	1	2	-	3	-	-	1	29
Iowa-----	1	13	81	604	1	1	-	11	-	-	5	93
Missouri-----	3	5	115	390	3	1	-	2	-	-	1	3
North Dakota-----	-	-	11	32	-	-	-	-	-	-	-	7
South Dakota-----	-	-	38	33	-	-	-	-	-	-	-	2
Nebraska-----	-	2	75	162	-	-	-	1	-	-	1	-
Kansas-----	2	4	64	181	2	1	-	-	-	-	-	-
SOUTH ATLANTIC-----	28	41	779	1,339	20	15	3	18	2	-	188	132
Delaware-----	-	1	5	27	-	-	-	1	-	-	-	3
Maryland-----	4	5	23	91	4	4	-	1	-	-	16	3
District of Columbia-----	5	-	64	9	4	-	-	-	-	-	7	1
Virginia-----	2	4	104	210	2	4	-	-	-	-	11	28
West Virginia-----	2	-	46	102	1	-	1	-	-	-	82	34
North Carolina-----	5	12	212	288	4	5	-	6	1	-	2	15
South Carolina-----	2	2	124	101	2	1	-	-	-	-	10	11
Georgia-----	4	3	76	184	3	1	1	1	-	-	55	15
Florida-----	4	14	125	327	-	-	1	9	1	-	5	22
EAST SOUTH CENTRAL-----	9	20	381	613	6	10	1	10	-	-	98	405
Kentucky-----	3	10	100	164	2	5	-	5	-	-	22	97
Tennessee-----	5	1	142	116	4	-	1	1	-	-	65	260
Alabama-----	-	-	44	77	-	-	-	-	-	-	8	47
Mississippi-----	1	9	95	256	-	5	-	4	-	-	3	1
WEST SOUTH CENTRAL-----	9	52	1,029	2,161	5	35	4	17	1	2	93	128
Arkansas-----	-	10	57	181	-	9	-	1	-	-	-	9
Louisiana-----	1	11	171	591	1	4	-	7	1	1	-	1
Oklahoma-----	1	-	119	194	1	-	-	-	-	-	4	-
Texas-----	7	31	682	1,195	3	22	4	9	-	1	89	118
MOUNTAIN-----	2	23	229	711	-	9	2	3	-	-	188	126
Montana-----	-	2	12	38	-	2	-	-	-	-	107	12
Idaho-----	-	-	25	99	-	-	-	-	-	-	9	13
Wyoming-----	-	1	13	30	-	1	-	-	-	-	-	-
Colorado-----	-	3	43	135	-	3	-	-	-	-	10	8
New Mexico-----	-	3	48	70	-	2	-	1	-	-	34	27
Arizona-----	2	3	53	118	-	1	2	2	-	-	10	5
Utah-----	-	10	31	187	-	-	-	-	-	-	16	59
Nevada-----	-	1	4	34	-	-	-	-	-	-	2	2
PACIFIC-----	24	66	748	2,303	16	33	8	30	1	-	267	174
Washington-----	-	4	12	168	-	1	-	-	-	-	76	40
Oregon-----	4	7	41	149	4	2	-	5	-	-	83	16
California-----	20	55	695	1,986	12	30	8	25	1	-	108	118
Alaska-----	-	-	3	12	-	-	-	-	-	-	3	13
Hawaii-----	-	1	9	66	-	-	-	1	-	-	4	225
Puerto Rico-----	-	1	31	48	-	1	-	-	-	-	25	39

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

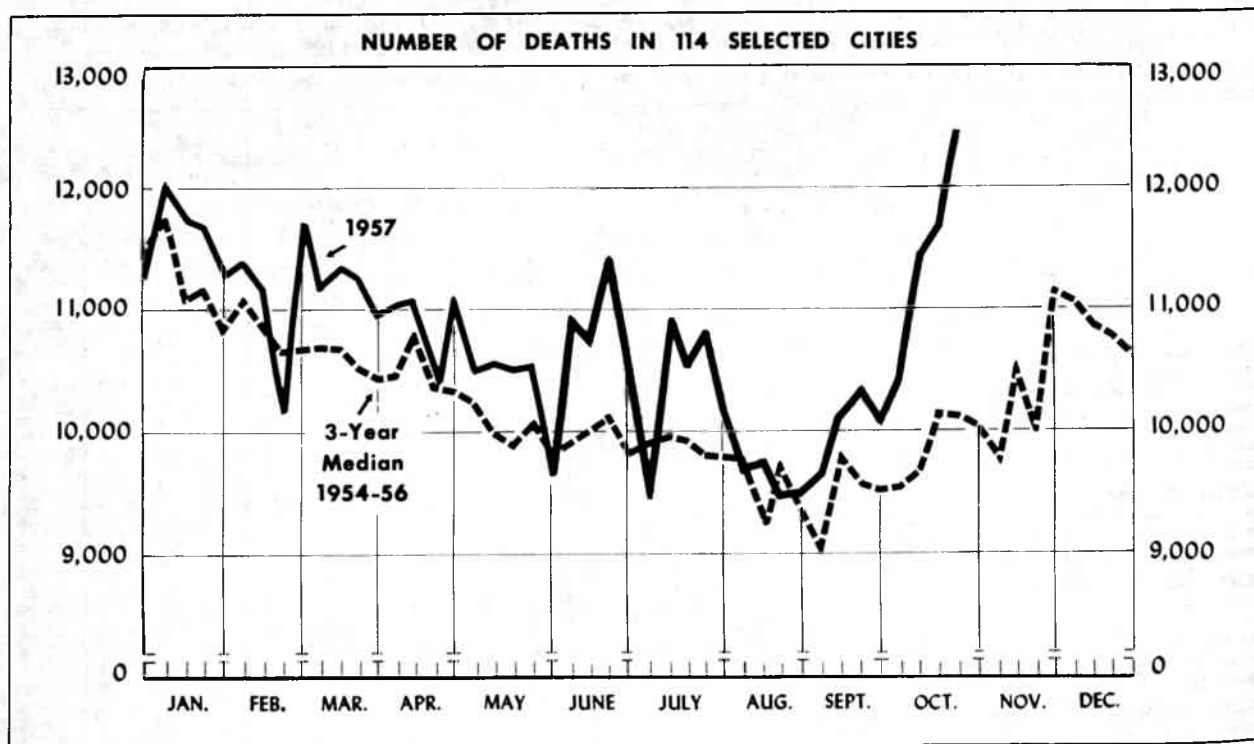
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 27, 1956 AND OCTOBER 26, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		43d week		Cumulative first 43 weeks		101		
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CENT. UNITED STATES-----	68	42	48	5	4	17	29	1,148	1,568	5	63	68
NEW ENGLAND-----	1	2	3	-	-	2	1	24	51	-	-	-
Maine-----	1	-	-	-	-	-	1	2	15	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	-	1	2	-	-	2	-	12	17	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	5	6	-	-	-
Connecticut-----	-	1	-	-	-	-	-	3	12	-	-	-
MIDDLE ATLANTIC-----	17	7	-	1	1	1	-	132	195	-	4	10
New York-----	10	4	-	-	1	-	-	50	58	-	2	10
New Jersey-----	6	-	-	-	-	-	-	19	30	-	-	-
Pennsylvania-----	1	3	-	1	-	1	-	63	107	-	2	-
EAST NORTH CENTRAL-----	20	12	16	1	-	-	1	163	210	-	12	14
Ohio-----	3	1	-	1	-	-	-	61	55	-	-	8
Indiana-----	3	-	5	-	-	-	1	58	29	-	5	4
Illinois-----	5	3	9	-	-	-	-	20	35	-	3	-
Michigan-----	8	5	2	-	-	-	-	12	49	-	1	2
Wisconsin-----	1	3	-	-	-	-	-	12	42	-	3	-
WEST NORTH CENTRAL-----	1	1	1	2	1	1	1	82	181	-	10	8
Minnesota-----	1	-	-	2	-	-	-	5	37	-	6	4
Iowa-----	-	-	1	-	1	-	-	22	56	-	2	1
Missouri-----	-	1	-	-	-	1	-	41	54	-	-	2
North Dakota-----	-	-	-	-	-	-	-	2	6	-	1	-
South Dakota-----	-	-	-	-	-	-	-	6	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	12	-	1	1
Kansas-----	-	-	-	-	-	1	-	6	13	-	-	-
SOUTH ATLANTIC-----	9	10	11	-	-	5	7	212	259	1	12	9
Delaware-----	-	-	-	-	-	-	-	1	3	-	-	-
Maryland-----	2	1	2	-	-	-	-	9	17	-	-	-
District of Columbia-----	-	-	5	-	-	1	-	9	12	-	-	-
Virginia-----	2	4	3	-	-	4	4	38	54	-	3	3
West Virginia-----	-	2	1	-	-	2	1	50	23	-	1	-
North Carolina-----	4	1	-	-	-	-	-	14	25	-	-	-
South Carolina-----	-	-	-	-	-	1	1	21	27	-	4	1
Georgia-----	-	2	-	-	-	1	1	30	49	1	4	4
Florida-----	1	-	-	-	-	1	-	40	49	-	-	1
EAST SOUTH CENTRAL-----	7	6	12	-	-	1	7	164	203	1	14	17
Kentucky-----	2	3	8	-	-	-	-	53	40	-	9	6
Tennessee-----	2	-	4	-	-	-	3	64	75	-	-	1
Alabama-----	2	3	-	-	-	-	2	12	25	1	4	10
Mississippi-----	1	-	-	-	-	1	2	35	63	-	1	-
WEST SOUTH CENTRAL-----	7	1	3	-	1	3	5	233	294	1	7	6
Arkansas-----	-	-	-	-	-	1	1	40	66	-	2	1
Louisiana-----	2	1	-	-	-	3	-	55	41	-	-	5
Oklahoma-----	2	-	1	-	-	2	2	26	46	-	-	-
Texas-----	3	-	2	-	1	-	2	112	141	1	5	-
MOUNTAIN-----	1	2	1	-	-	-	3	47	70	-	1	-
Montana-----	-	-	-	-	-	-	-	3	3	-	-	-
Idaho-----	1	1	-	-	-	-	-	4	3	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	1	1	-	-	-	3	11	20	-	1	-
New Mexico-----	-	-	-	-	-	-	-	17	17	-	-	-
Arizona-----	-	-	-	-	-	-	-	8	22	-	-	-
Utah-----	-	-	-	-	-	-	-	2	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	5	1	1	1	1	4	4	91	105	2	3	4
Washington-----	-	-	1	-	-	-	-	6	3	-	-	-
Oregon-----	-	-	-	-	-	-	-	5	13	-	-	-
California-----	5	1	-	1	1	4	4	80	89	2	3	4
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	17	71	-	2	3

Symbol.—1 dash [-]: no cases reported.



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	43d week ended Oct. 26, 1957	42d week ended Oct. 19, 1957	43d week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 43 WEEKS		
					1957	1956	Percent change
TOTAL: 113 REPORTING CITIES-----	12,420	11,668	10,076	+23.3	461,901	446,257	+3.5
New England----- (14 cities)	782	712	625	+25.1	29,689	28,838	+3.0
Middle Atlantic----- (19 cities)	3,891	3,505	2,987	+30.3	133,047	129,884	+2.4
East North Central----- (19 cities)	2,746	2,615	2,176	+26.2	100,297	97,293	+3.1
West North Central----- (9 cities)	834	791	741	+12.6	32,854	31,511	+4.3
South Atlantic----- (11 cities)	1,046	1,052	886	+18.1	38,998	37,539	+3.9
East South Central----- (8 cities)	546	539	421	+29.7	20,796	20,137	+7.4
West South Central----- (13 cities)	983	849	773	+27.2	38,662	36,007	+10.8
Mountain----- (8 cities)	286	314	235	+21.7	11,624	10,490	+10.8
Pacific----- (12 cities)	1,306	1,291	1,232	+6.0	55,934	54,558	+2.5

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	43d	42d	CUMULATIVE NUMBER		AREA	43d	42d	CUMULATIVE NUMBER	
	week	week	FIRST 43 WEEKS			week	week	FIRST 43 WEEKS	
	ended	ended	1957	1956		ended	ended	1957	1956
	Oct.	Oct.				Oct.	Oct.		
	26,	19,				26,	19,		
	1957	1957				1957	1957		
NEW ENGLAND									
Boston, Mass.-----	269	259	10,057	9,713	WEST NORTH CENTRAL—Con.				
Bridgeport, Conn.-----	63	46	1,635	1,580	St. Louis, Mo.-----	240	245	10,160	9,933
Cambridge, Mass.-----	34	25	1,259	1,259	St. Paul, Minn.-----	52	72	2,797	2,817
Fall River, Mass.-----	28	26	1,164	1,174	Wichita, Kans.-----	40	37	1,879	1,770
Hartford, Conn.-----	64	48	2,117	2,034	SOUTH ATLANTIC				
Lowell, Mass.-----	22	24	1,180	1,016	Atlanta, Ga.-----	124	125	4,661	4,620
Lynn, Mass.-----	24	32	908	885	Baltimore, Md.-----	283	274	10,229	9,894
New Bedford, Mass.-----	21	27	1,036	981	Charlotte, N. C.-----	34	37	1,423	1,316
New Haven, Conn.-----	52	53	1,978	1,929	Jacksonville, Fla.-----	57	77	2,329	2,182
Providence, R. I.-----	65	63	2,635	2,635	Miami, Fla.-----	49	54	2,160	2,158
Somerville, Mass.-----	16	8	567	659	Norfolk, Va.-----	36	43	1,533	1,386
Springfield, Mass.-----	50	31	1,785	1,766	Richmond, Va.-----	88	76	3,202	2,987
Waterbury, Conn.-----	28	21	1,075	1,074	Savannah, Ga.-----	26	42	1,274	1,219
Worcester, Mass.-----	46	49	2,293	2,133	Tampa, Fla.-----	78	64	2,643	2,472
MIDDLE ATLANTIC									
Albany, N. Y.-----	56	44	2,092	2,092	Washington, D. C.-----	231	231	7,983	7,810
Allentown, Pa.-----	65	45	1,641	1,580	Wilmington, Del.-----	40	29	1,561	1,495
Buffalo, N. Y.-----	234	50	6,115	6,076	EAST SOUTH CENTRAL				
Camden, N. J.-----	40	54	1,712	1,663	Birmingham, Ala.-----	102	93	3,401	3,239
Elizabeth, N. J.-----	26	27	1,201	1,177	Chattanooga, Tenn.-----	49	44	1,964	1,798
Erie, Pa.-----	44	29	1,521	1,404	Knoxville, Tenn.-----	28	29	1,163	1,424
Jersey City, N. J.-----	74	76	2,908	2,981	Louisville, Ky.-----	129	117	4,511	4,508
Newark, N. J.-----	158	108	4,445	4,136	Memphis, Tenn.-----	104	134	4,586	4,189
New York City, N. Y.-----	1,942	1,979	68,231	66,302	Mobile, Ala.-----	47	35	1,563	1,453
Paterson, N. J.-----	---	---	---	(1,580)	Montgomery, Ala.-----	31	36	1,111	1,222
Philadelphia, Pa.-----	549	507	20,561	20,382	Nashville, Tenn.-----	56	51	2,497	2,304
Pittsburgh, Pa.-----	260	225	7,816	7,743	WEST SOUTH CENTRAL				
Reading, Pa.-----	36	20	999	920	Austin, Tex.-----	24	31	1,243	1,173
Rochester, N. Y.-----	126	124	4,186	4,068	Baton Rouge, La.-----	27	32	1,060	944
Schenectady, N. Y.-----	39	19	1,008	950	Corpus Christi, Tex.-----	29	28	910	842
Scranton, Pa.-----	49	27	1,589	1,461	Dallas, Tex.-----	123	112	4,675	4,599
Syracuse, N. Y.-----	78	65	2,503	2,498	El Paso, Tex.-----	28	32	1,346	1,155
Trenton, N. J.-----	52	58	1,929	1,875	Fort Worth, Tex.-----	75	41	2,654	2,484
Utica, N. Y.-----	32	24	1,332	1,308	Houston, Tex.-----	166	130	6,415	5,770
Yonkers, N. Y.-----	31	24	1,258	1,268	Little Rock, Ark.-----	52	48	2,256	1,977
EAST NORTH CENTRAL									
Akron, Ohio-----	77	66	2,343	2,239	New Orleans, La.-----	178	168	7,409	6,771
Canton, Ohio-----	31	34	1,323	1,196	Oklahoma City, Okla.-----	97	35	2,645	2,674
Chicago, Ill.-----	927	887	32,458	31,280	San Antonio, Tex.-----	90	96	4,068	3,731
Cincinnati, Ohio-----	161	187	6,495	6,467	Shreveport, La.-----	44	57	1,994	1,940
Cleveland, Ohio-----	253	205	8,868	8,747	Tulsa, Okla.-----	50	39	1,987	1,947
Columbus, Ohio-----	142	111	4,809	4,570	MOUNTAIN				
Dayton, Ohio-----	84	75	3,061	2,791	Albuquerque, N. Mex.-----	35	29	1,106	985
Detroit, Mich.-----	400	356	13,923	13,523	Colorado Springs, Colo.-----	15	12	581	563
Evansville, Ind.-----	43	36	1,361	1,418	Denver, Colo.-----	110	134	4,753	4,618
Flint, Mich.-----	24	53	1,586	1,647	Ogden, Utah-----	15	9	535	526
Fort Wayne, Ind.-----	31	50	1,537	1,523	Phoenix, Ariz.-----	38	39	1,327	1,104
Gary, Ind.-----	35	29	1,243	1,220	Pueblo, Colo.-----	12	13	546	523
Grand Rapids, Mich.-----	53	43	1,750	1,751	Salt Lake City, Utah-----	41	55	1,909	1,900
Indianapolis, Ind.-----	129	125	5,111	4,987	Tucson, Ariz.-----	20	23	867	271
Milwaukee, Wis.-----	143	137	5,604	5,334	PACIFIC				
Peoria, Ill.-----	29	37	1,270	1,236	Berkeley, Calif.-----	18	29	836	694
South Bend, Ind.-----	30	18	1,121	1,042	Long Beach, Calif.-----	59	48	2,303	2,245
Toledo, Ohio-----	88	101	4,067	4,003	Los Angeles, Calif.-----	456	502	20,174	19,880
Youngstown, Ohio-----	66	65	2,367	2,319	Oakland, Calif.-----	104	75	4,049	3,880
WEST NORTH CENTRAL									
Des Moines, Iowa-----	71	60	2,346	2,119	Pasadena, Calif.-----	22	36	1,499	1,493
Duluth, Minn.-----	20	31	1,113	1,116	Portland, Oreg.-----	84	84	4,107	4,028
Kansas City, Kans.-----	28	27	1,239	1,302	Sacramento, Calif.-----	50	59	2,185	2,045
Kansas City, Mo.-----	162	112	5,053	4,617	San Diego, Calif.-----	83	76	3,382	3,163
Minneapolis, Minn.-----	140	139	5,354	5,061	San Francisco, Calif.-----	195	151	8,161	8,155
Omaha, Nebr.-----	81	68	2,913	2,776	Seattle, Wash.-----	133	143	5,601	5,372
					Spokane, Wash.-----	57	48	1,961	1,979
					Tacoma, Wash.-----	45	40	1,676	1,624
					Honolulu, Hawaii-----	(34)	(42)	(1,646)	(1,477)

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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