

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 2, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

The number of cases of influenza and influenza-like disease remains high. Based on reports from 40 States, the number of new cases for the week ended November 2 is estimated to be 1,250,000 or more. Incidence increased in a few States and remained high in others. Estimates of incidences by health authorities and cases reported by physicians were lower during the past week in a number of States, including Connecticut, Michigan, Wisconsin, Alabama, Mississippi, Wyoming, Arizona, and Texas. The Armed Forces reported fewer new outbreaks of respiratory disease on military installations in the United States.

The number of deaths from all causes in 114 large cities increased about 2 percent for the current week over the previous week. The number of deaths from influenza and pneumonia in 108 large cities was 856 as compared with 771 for the previous week, an increase of 11 percent—also the lowest in some weeks. For the previous week there was an increase of 27 percent in influenza and pneumonia deaths as compared with the week ended October 19; the week before (October 12) the increase was 26 percent, and prior to that there was an increase of 47 percent from 1 week to the other. For the week ended November 2, the number of deaths from influenza and pneumonia in New York City dropped to 151 as compared with 181 for the previous week. Decreases also

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	44th Week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 2, 1957 ¹	Ended Nov. 3, 1956	Median 1952-56	First 44 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	-	1	18	34	28	(3)	(3)	(3)	(3)
Botulism-----049.1	-	-	-	11	12	11	(3)	(3)	(3)	(3)
Brucellosis (undulant fever)-----044	8	18	33	817	930	1,438	(3)	(3)	(3)	(3)
Diphtheria-----055	38	58	67	897	1,209	1,598	433	383	759	July 1
Encephalitis, infectious-----082	39	71	36	1,610	1,947	1,713	1,050	1,318	1,120	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	205	325	497	4,13,080	16,707	27,344	42,070	2,628	4,129	Sept. 1
Malaria-----110-117	-	1	10	136	212	632	(3)	(3)	(3)	(3)
Measles-----085	1,325	1,673	1,474	458,921	586,974	586,974	9,267	10,272	8,537	Sept. 1
Meningococcal infections-----057	68	59	59	2,097	2,324	3,581	412	359	472	Sept. 1
Meningitis, other-----340	30	40	---	2,012	1,336	---	---	---	---	---
Polio myelitis-----080	67	297	835	5,504	14,148	32,598	5,4978	13,096	30,706	Apr. 1
Paralytic-----080.0,080.1	38	119	---	1,937	6,051	---	1,663	5,468	---	Apr. 1
Nonparalytic-----080.2	14	106	---	2,695	5,523	---	2,532	5,253	---	Apr. 1
Unspecified-----080.3	15	72	---	5872	2,574	---	5783	2,375	---	Apr. 1
Psittacosis-----096.2	2	4	4	217	446	241	(3)	(3)	(3)	(3)
Rabies in man-----094	-	-	-	4	8	8	(3)	(3)	(3)	(3)
Typhoid fever-----040	12	27	36	1,160	1,595	1,999	903	1,283	1,597	Apr. 1
Typhus fever, endemic-----101	1	1	1	108	92	152	83	73	122	Apr. 1
Rabies in animals-----	48	55	94	3,702	4,080	5,944	299	328	527	Oct. 1

¹Data exclude reports from Pennsylvania and Texas for the current week.

²Reported in California.

³Data show no pronounced seasonal change in incidence.

⁴Includes revised report from Indiana for week ended October 26.

⁵Includes revised report from Pennsylvania for week ended October 26.

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

EPIDEMIOLOGICAL REPORTS—Continued

occurred in Pittsburgh, Newark, Baltimore, Washington, D. C., and Kansas City, Missouri, in each of which there had been increases in the previous 2 or 3 weeks. On the other hand, Boston, Buffalo, Philadelphia, Chicago, Cleveland, Minneapolis, St. Louis, Atlanta, Louisville, and Portland, Oregon, reported increases, mostly moderate, during the past week.

The Oregon State Board of Health states that, in general, the more thinly populated areas have had shorter and more intense involvement than thickly populated areas. In a grade school in a sparsely populated county, the influenza outbreak was essentially over within 3 weeks as compared with 6 weeks in an urban area. They also reported that the highest attack rate in any industrial group was 19 percent and most rates did not exceed 8 percent.

A 14-year-old Navajo Indian boy in a school in Oregon had a typical attack of influenza during an epidemic in the school. He appeared to be convalescing, but on the fourth day he had a relapse and died on the same day. A clinical diagnosis of acute fulminating encephalitis was made. No virus was isolated from the brain or lung tissue collected 10 hours after death. At autopsy, there was edema of the brain. The lungs were found to be edematous, hyperemic, and to have confluent hemorrhages.

The Maryland State Department of Health reported a fatal case of influenza confirmed by virus isolation. The patient, a 35-year-old female, had typical symptoms of influenza 3 days before admission to a hospital. Pneumonia at the bases of both lungs was demonstrated by X-ray, and pneumococci were found in the sputum. The patient went into "shock and cardiac arrest" and died 1 day after admission.

The New York State Department of Health reported a fatal case of influenza that had bilateral pneumonitis and received "all antibiotics." The patient was known to have mitral stenosis.

The British Ministry of Health reports that notifications of pneumonia in England and Wales decreased for the week ended October 26. Weekly new claims on the Ministry of Pensions and Insurance and incidence of influenza continued to fall.

Newcastle disease

Dr. R. H. Heeren, Iowa State Department of Health, has reported a human case of Newcastle disease in a laboratory research worker. While working with embryonated eggs infected with Newcastle disease virus, a droplet of the infected egg material was accidentally spattered into his eye. Moderately severe acute conjunctivitis developed in this eye the following day and Newcastle disease virus was isolated from eye washings. Recovery was complete in 1 week. The other eye remained normal.

It was learned that 4 other cases of the disease have occurred among employees of this laboratory in the last few years. Virus was recovered from eye washings from 2 of these 4 cases.

Salmonellosis

The California State Department of Public Health has

reported an outbreak of salmonellosis in a hospital. Of 25 persons eating tunafish salad, 13 became ill with abdominal pain, diarrhea, and fever from 12 to 18 hours later. In addition, there were 2 secondary cases. Specimens collected from all the patients were positive for Salmonella typhimurium. Of specimens collected from 12 food handlers, 3 yielded the same organism. No food was available for laboratory tests.

The San Mateo County (California) Health Department has reported an outbreak of salmonellosis involving 16 persons. They became ill with nausea, vomiting, diarrhea, and fever from 10 to 48 hours after partaking of food in an eating establishment. Specimens from 14 of the patients yielded S. newport. The same organism was found in a specimen from 1 of the food handlers. No pathogenic organisms were found in the food samples collected.

The Los Angeles County (California) Health Department has reported an outbreak of salmonellosis following a wedding reception. Of 81 persons partaking of various food items, 70 became ill with nausea, vomiting, diarrhea, abdominal pain, fever, and severe headache from 7 to 39 hours later. Bacteriologic examination showed that the chicken, turkey, turkey stuffing, and potato salad were contaminated with salmonella organisms. Of 67 persons submitting specimens, 44 were positive for S. chester. The same organism was recovered from specimens of 5 (3 asymptomatic) of the 12 food handlers. Although turkeys were distributed to several individuals for cooking, they were prepared and stuffed in one kitchen. The chickens were also prepared and cooked in this kitchen. It is possible that unsanitary conditions and the method of handling the food in this kitchen resulted in the contamination of the turkeys and chickens. The potato salad was prepared elsewhere and contamination resulted from another source, probably 1 of the asymptomatic food handlers.

Gastro-enteritis

The California State Department of Public Health has reported 3 outbreaks of gastro-enteritis—1 among members of a swimming party and 2 in labor camps. Of about 100 members of the swimming party, 28 became ill with nausea, vomiting, diarrhea, cramps, fever, numbness of lips, difficulty in swallowing, and disturbed vision from ¼ to 12 hours after eating hamburgers and potato salad. No potato salad was available for laboratory tests and the hamburger yielded no pathogenic organisms. Among 180 persons in one of the labor camps, 7 became ill with nausea, vomiting, and diarrhea. These men had recently come from Mexico and it is possible that a change in diet caused their illness. Of 500 persons in the other labor camp, 18 became ill from 1 to 3 hours after eating a meal. An investigation revealed good refrigeration and good kitchen equipment. However, 2 food handlers had infected lesions on their hands. Laboratory examination of stool specimens revealed Staphylococcus aureus. Rice and meat samples yielded hemolytic staphylococci.

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 NOVEMBER 3, 1956 AND NOVEMBER 2, 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		44th week		Cumulative first 44 weeks		082		44th week		Cumulative first 44 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	8	18	38	58	897	1,209	39	71	205	325	² 13,080	16,707
NEW ENGLAND-----	-	-	-	-	24	12	2	1	4	16	714	1,069
Maine-----	-	-	-	-	3	-	-	-	1	3	227	256
New Hampshire-----	-	-	-	-	-	1	-	-	-	-	8	31
Vermont-----	-	-	-	-	-	-	-	-	-	3	88	151
Massachusetts-----	-	-	-	-	21	11	-	1	2	8	212	275
Rhode Island-----	-	-	-	-	-	-	1	-	-	2	67	128
Connecticut-----	-	-	-	-	-	-	1	-	1	-	112	226
MIDDLE ATLANTIC ¹ -----	-	-	-	1	76	52	8	9	24	69	2,101	3,575
New York-----	-	-	-	1	34	19	7	7	18	41	1,315	1,895
New Jersey-----	-	-	-	-	10	14	1	2	6	7	256	337
Pennsylvania-----	-	-	-	-	¹ 32	19	-	-	-	21	¹ 530	1,343
EAST NORTH CENTRAL-----	1	6	1	16	45	206	4	3	55	62	² 2,246	2,540
Ohio-----	-	2	-	-	12	14	2	2	7	19	556	615
Indiana-----	-	-	1	-	12	89	1	-	1	3	² 301	344
Illinois-----	-	4	-	-	3	8	-	1	42	18	584	603
Michigan-----	1	-	-	16	16	93	1	-	4	14	576	686
Wisconsin-----	-	-	-	-	2	2	-	-	1	8	229	292
WEST NORTH CENTRAL-----	5	9	4	4	73	101	1	14	7	16	733	1,348
Minnesota-----	-	-	-	-	32	26	-	-	4	6	272	432
Iowa-----	4	2	-	-	7	17	-	2	-	4	169	346
Missouri-----	-	-	-	-	1	11	1	-	2	3	117	88
North Dakota-----	-	-	-	-	3	5	-	-	-	-	91	117
South Dakota-----	1	2	1	-	7	8	-	1	-	2	34	163
Nebraska-----	-	4	3	4	16	30	-	1	-	1	24	92
Kansas-----	-	1	-	-	7	4	-	10	1	-	26	110
SOUTH ATLANTIC-----	1	1	19	27	300	318	7	2	17	19	1,006	1,078
Delaware-----	-	-	-	-	-	-	-	-	1	-	10	30
Maryland-----	-	-	-	-	3	2	-	-	1	-	92	83
District of Columbia-----	-	-	-	-	-	1	-	-	1	1	12	20
Virginia-----	-	-	-	3	15	29	5	-	2	9	391	431
West Virginia-----	1	-	-	-	5	7	-	-	2	2	86	59
North Carolina-----	-	-	4	7	38	55	1	2	1	-	94	113
South Carolina-----	-	-	4	9	86	78	-	-	-	-	29	58
Georgia-----	-	1	5	1	80	67	-	-	1	3	114	142
Florida-----	-	-	6	7	73	79	1	-	10	3	178	142
EAST SOUTH CENTRAL-----	1	1	5	9	138	174	1	20	23	46	1,678	1,476
Kentucky-----	-	-	-	-	16	11	-	18	9	10	714	450
Tennessee-----	1	1	1	12	21	21	1	2	6	31	615	626
Alabama-----	-	-	2	5	61	91	-	-	6	1	230	189
Mississippi-----	-	-	3	3	49	51	-	-	2	4	119	211
WEST SOUTH CENTRAL ¹ -----	-	-	8	1	177	266	-	11	8	28	1,005	1,218
Arkansas-----	-	-	7	-	33	20	-	-	5	2	73	130
Louisiana-----	-	-	1	-	18	29	-	-	1	1	51	123
Oklahoma-----	-	-	-	-	20	58	-	1	2	2	119	95
Texas-----	-	-	-	1	¹ 106	159	-	10	-	23	¹ 762	870
MOUNTAIN-----	-	-	1	-	30	27	1	2	25	9	1,131	1,435
Montana-----	-	-	-	-	9	3	1	1	5	1	165	346
Idaho-----	-	-	-	-	1	1	-	-	-	1	91	185
Wyoming-----	-	-	1	-	2	7	-	-	-	1	48	92
Colorado-----	-	-	-	-	2	3	-	-	2	4	171	329
New Mexico-----	-	-	-	-	10	5	-	-	6	-	358	124
Arizona-----	-	-	-	-	4	5	-	1	12	2	217	283
Utah-----	-	-	-	-	2	3	-	-	-	-	51	68
Nevada-----	-	-	-	-	-	-	-	-	-	-	30	8
PACIFIC-----	-	1	-	-	34	53	15	9	42	60	2,466	2,968
Washington-----	-	-	-	-	23	11	-	1	9	4	338	573
Oregon-----	-	-	-	-	3	11	-	-	6	10	462	594
California-----	-	1	-	-	8	31	15	8	27	46	1,666	1,801
Alaska-----	-	-	-	-	-	35	-	-	6	-	91	113
Hawaii-----	-	1	1	-	1	-	-	-	6	-	62	52
Puerto Rico-----	-	-	7	-	53	66	1	-	3	-	154	212

¹Data exclude reports from Pennsylvania and Texas for the current week.

²Includes revised report.

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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 NOVEMBER 3, 1956 AND NOVEMBER 2, 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 ³				Paralytic		Nonparalytic		110-117		085	
	44th week		Cumulative first 44 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	67	297	² 5,504	14,148	38	119	14	106	-	1	1,325	1,673
NEW ENGLAND-----	-	-	78	239	-	-	-	-	-	-	119	62
Maine-----	-	-	7	21	-	-	-	-	-	-	14	26
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	2	-
Vermont-----	-	-	5	21	-	-	-	-	-	-	10	5
Massachusetts-----	-	-	24	105	-	-	-	-	-	-	86	13
Rhode Island-----	-	-	-	9	-	-	-	-	-	-	-	-
Connecticut-----	-	-	38	80	-	-	-	-	-	-	7	18
MIDDLE ATLANTIC ¹ -----	8	36	² 326	1,126	4	9	3	12	-	-	124	248
New York-----	6	23	207	735	3	9	3	11	-	-	96	120
New Jersey-----	2	2	79	203	1	-	-	1	-	-	28	57
Pennsylvania-----	-	11	¹ 240	188	-	-	-	-	-	-	-	71
EAST NORTH CENTRAL-----	30	76	1,470	3,876	12	26	10	26	-	-	362	361
Ohio-----	9	15	255	581	-	3	2	6	-	-	98	26
Indiana-----	12	12	179	356	8	6	4	5	-	-	14	39
Illinois-----	4	23	339	1,796	1	5	3	5	-	-	61	37
Michigan-----	3	13	487	632	3	7	-	5	-	-	23	146
Wisconsin-----	2	13	210	511	-	5	1	5	-	-	166	113
WEST NORTH CENTRAL-----	3	30	438	1,625	-	7	-	15	-	-	46	90
Minnesota-----	-	3	51	196	-	-	-	3	-	-	-	4
Iowa-----	-	10	81	614	-	2	-	5	-	-	9	25
Missouri-----	1	9	116	399	-	4	-	2	-	-	3	7
North Dakota-----	-	2	11	34	-	-	-	1	-	-	33	22
South Dakota-----	1	2	39	35	-	-	-	2	-	-	1	31
Nebraska-----	1	3	76	165	-	1	-	2	-	-	-	1
Kansas-----	-	1	64	182	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	9	38	788	1,377	5	21	1	15	-	1	128	125
Delaware-----	-	-	5	27	-	-	-	-	-	-	1	7
Maryland-----	2	4	25	95	2	3	-	1	-	-	25	2
District of Columbia-----	-	1	64	10	-	1	-	-	-	-	7	2
Virginia-----	2	6	106	216	2	6	-	-	-	-	15	22
West Virginia-----	1	2	47	104	1	-	-	2	-	-	63	16
North Carolina-----	-	12	212	300	-	9	-	3	-	-	2	10
South Carolina-----	1	1	125	102	-	1	-	-	-	-	7	16
Georgia-----	2	4	78	188	-	-	-	3	-	-	4	15
Florida-----	1	8	126	335	-	1	1	6	-	1	4	35
EAST SOUTH CENTRAL-----	1	21	382	634	1	12	-	5	-	-	56	248
Kentucky-----	1	5	101	169	1	4	-	-	-	-	4	125
Tennessee-----	-	4	142	120	-	1	-	3	-	-	45	118
Alabama-----	-	2	44	79	-	-	-	-	-	-	4	4
Mississippi-----	-	10	95	266	-	7	-	2	-	-	3	1
WEST SOUTH CENTRAL ¹ -----	-	23	1,029	2,184	-	13	-	6	-	-	2	214
Arkansas-----	-	3	57	184	-	2	-	1	-	-	-	33
Louisiana-----	-	2	171	593	-	2	-	-	-	-	1	5
Oklahoma-----	-	5	119	199	-	1	-	-	-	-	1	6
Texas-----	-	13	¹ 682	1,208	-	8	-	5	-	-	-	170
MOUNTAIN-----	2	28	231	739	2	10	-	3	-	-	177	112
Montana-----	-	4	12	42	-	4	-	-	-	-	38	1
Idaho-----	-	1	25	100	-	1	-	-	-	-	54	2
Wyoming-----	-	1	13	31	-	-	-	1	-	-	-	-
Colorado-----	1	6	44	141	1	3	-	2	-	-	15	5
New Mexico-----	-	2	48	72	-	2	-	-	-	-	36	45
Arizona-----	1	-	54	118	1	-	-	-	-	-	21	14
Utah-----	-	14	31	201	-	-	-	-	-	-	13	38
Nevada-----	-	-	4	34	-	-	-	-	-	-	-	7
PACIFIC-----	14	45	762	2,348	14	21	-	24	-	-	311	213
Washington-----	2	6	14	174	2	1	-	5	-	-	144	116
Oregon-----	1	4	42	153	1	1	-	3	-	-	87	13
California-----	11	35	706	2,021	11	19	-	16	-	-	80	84
Alaska-----	-	-	3	12	-	-	-	-	-	-	8	44
Hawaii-----	-	-	9	66	-	-	-	-	-	-	-	231
Puerto Rico-----	-	1	31	49	-	1	-	-	-	-	10	50

¹Data exclude reports from Pennsylvania and Texas for the current week.

²Includes revised report.

³Includes cases not specified by type, category number 080.3.

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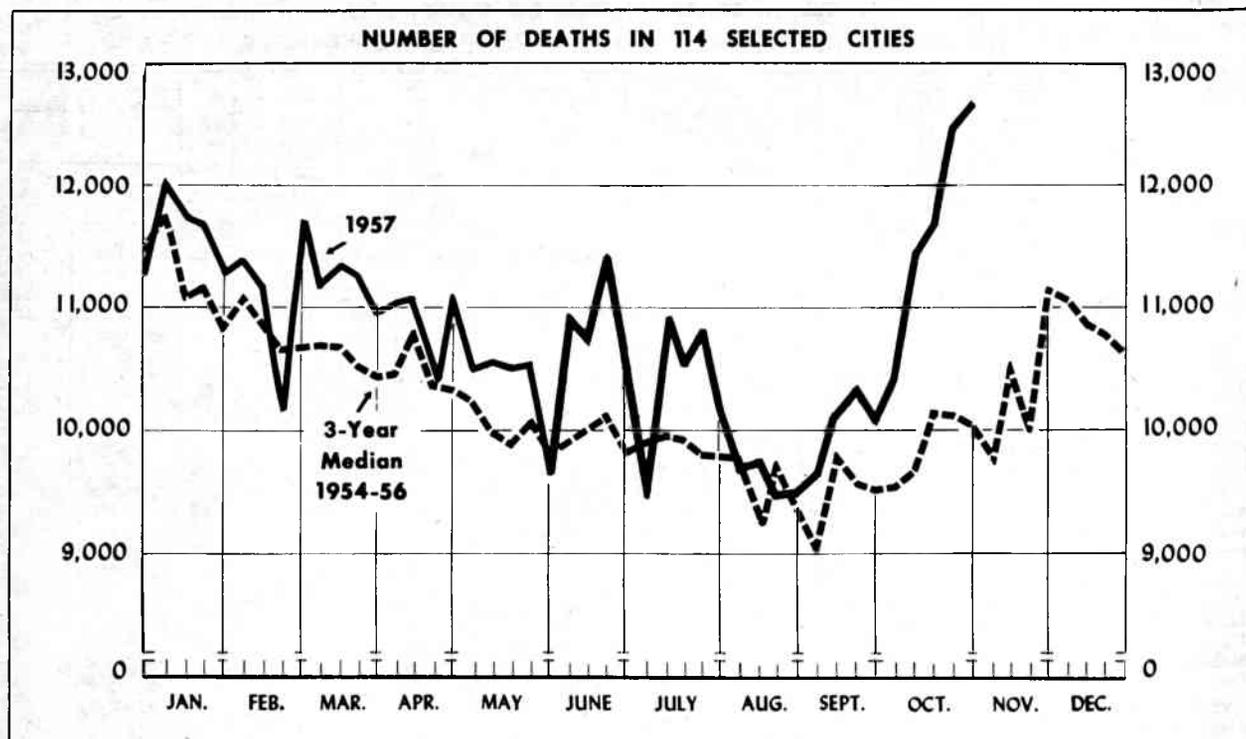
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 3, 1956 AND NOVEMBER 2, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		44th week		Cumulative first 44 weeks		101		
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES ¹ -----	68	59	30	2	4	12	27	1,160	1,595	1	48	55
NEW ENGLAND-----	2	1	5	-	-	-	-	24	51	-	-	-
Maine-----	-	-	-	-	-	-	-	2	15	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	2	-	-	-	-	-	1	-	-	-
Massachusetts-----	1	1	1	-	-	-	-	12	17	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	5	6	-	-	-
Connecticut-----	1	-	-	-	-	-	-	3	12	-	-	-
MIDDLE ATLANTIC ¹ -----	14	10	-	-	-	2	1	134	196	-	6	5
New York-----	12	8	-	-	-	2	-	52	58	-	6	5
New Jersey-----	2	1	-	-	-	-	-	19	30	-	-	-
Pennsylvania-----	-	1	-	-	-	-	1	63	108	-	-	-
EAST NORTH CENTRAL-----	20	19	8	1	1	2	2	165	212	-	4	5
Ohio-----	3	4	-	1	-	1	1	62	56	-	-	-
Indiana-----	4	1	3	-	-	1	-	59	29	-	2	4
Illinois-----	3	5	4	-	-	-	-	20	35	-	-	-
Michigan-----	5	8	-	-	-	-	1	12	50	-	2	-
Wisconsin-----	5	1	1	-	1	-	-	12	42	-	-	1
WEST NORTH CENTRAL-----	6	3	-	1	-	1	2	83	183	-	12	9
Minnesota-----	1	2	-	1	-	-	-	5	37	-	9	-
Iowa-----	-	-	-	-	-	-	-	22	56	-	2	6
Missouri-----	-	-	-	-	-	1	2	42	56	-	1	2
North Dakota-----	2	-	-	-	-	-	-	2	6	-	-	-
South Dakota-----	2	-	-	-	-	-	-	6	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	12	-	-	-
Kansas-----	1	1	-	-	-	-	-	6	13	-	-	1
SOUTH ATLANTIC-----	8	12	5	-	1	-	-	212	259	1	7	12
Delaware-----	-	-	-	-	-	-	-	1	3	-	-	-
Maryland-----	-	-	-	-	1	-	-	9	17	-	-	-
District of Columbia-----	-	-	3	-	-	-	-	9	12	-	-	-
Virginia-----	-	3	-	-	-	-	-	38	54	-	3	2
West Virginia-----	3	-	-	-	-	-	-	50	23	-	-	1
North Carolina-----	1	2	-	-	-	-	-	14	25	-	1	-
South Carolina-----	-	4	-	-	-	-	-	21	27	-	1	4
Georgia-----	1	3	2	-	-	-	-	30	49	1	2	3
Florida-----	3	-	-	-	-	-	-	40	49	-	-	2
EAST SOUTH CENTRAL-----	9	4	2	-	1	4	14	168	217	-	12	14
Kentucky-----	3	1	-	-	1	1	9	54	49	-	8	8
Tennessee-----	4	2	1	-	-	-	3	64	78	-	1	-
Alabama-----	2	1	-	-	-	1	12	26	26	-	3	5
Mississippi-----	-	-	1	-	-	3	1	38	64	-	-	1
WEST SOUTH CENTRAL ¹ -----	-	3	4	-	-	-	4	233	298	-	3	9
Arkansas-----	-	1	-	-	-	-	2	40	68	-	1	-
Louisiana-----	-	1	-	-	-	-	1	55	42	-	2	9
Oklahoma-----	-	-	4	-	-	-	-	26	46	-	-	-
Texas-----	-	1	-	-	-	-	1	112	142	-	-	-
MOUNTAIN-----	-	4	4	-	-	2	1	49	71	-	1	-
Montana-----	-	1	-	-	-	-	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	3	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	-	2	3	-	-	-	-	11	20	-	1	-
New Mexico-----	-	-	1	-	-	-	-	17	17	-	-	-
Arizona-----	-	1	-	-	-	1	1	9	23	-	-	-
Utah-----	-	-	-	-	-	1	-	3	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	9	3	2	-	1	1	3	92	108	-	3	1
Washington-----	1	1	-	-	-	-	-	6	3	-	-	-
Oregon-----	-	1	2	-	-	-	1	5	14	-	-	-
California-----	8	1	-	-	1	1	2	81	91	-	3	1
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	17	72	-	-	-

¹Data exclude reports from Pennsylvania and Texas 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	44th week ended Nov. 2, 1957	43d week ended Oct. 26, 1957	44th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 44 WEEKS		
					1957	1956	Percent change
TOTAL: 113 REPORTING CITIES-----	12,642	12,420	10,016	+26.2	474,543	456,340	+4.0
New England----- (14 cities)	820	782	672	+22.0	30,509	29,510	+3.4
Middle Atlantic----- (19 cities)	3,880	3,891	3,001	+29.3	136,927	132,885	+3.0
East North Central----- (19 cities)	2,816	2,746	2,201	+27.9	103,113	99,494	+3.6
West North Central----- (9 cities)	939	834	715	+31.3	33,793	32,220	+4.9
South Atlantic----- (11 cities)	1,013	1,046	785	+29.0	40,011	38,324	+4.4
East South Central----- (8 cities)	489	546	439	+11.4	21,285	20,611	+3.3
West South Central----- (13 cities)	970	983	768	+26.3	39,632	36,792	+7.7
Mountain----- (8 cities)	292	286	246	+18.7	11,916	10,762	+10.7
Pacific----- (12 cities)	1,423	1,306	1,184	+20.2	57,357	55,742	+2.9

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	44th week ended Nov. 2, 1957	43d week ended Oct. 26, 1957	CUMULATIVE NUMBER FIRST 44 WEEKS		AREA	44th week ended Nov. 2, 1957	43d week ended Oct. 26, 1957	CUMULATIVE NUMBER FIRST 44 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	270	269	10,327	9,957	St. Louis, Mo.-----	298	240	10,458	10,163
Bridgeport, Conn.-----	47	63	1,682	1,612	St. Paul, Minn.-----	72	52	2,869	2,875
Cambridge, Mass.-----	20	34	1,279	1,274	Wichita, Kans.-----	44	40	1,923	1,802
Fall River, Mass.-----	25	28	1,189	1,200	SOUTH ATLANTIC				
Hartford, Conn.-----	67	64	2,184	2,081	Atlanta, Ga.-----	129	124	4,790	4,731
Lowell, Mass.-----	29	22	1,209	1,030	Baltimore, Md.-----	263	283	10,492	10,087
Lynn, Mass.-----	23	24	931	911	Charlotte, N. C.-----	28	34	1,451	1,340
New Bedford, Mass.-----	26	21	1,062	996	Jacksonville, Fla.-----	34	57	2,363	2,229
New Haven, Conn.-----	62	52	2,040	1,979	Miami, Fla.-----	66	49	2,226	2,221
Providence, R. I.-----	78	65	2,713	2,699	Norfolk, Va.-----	42	36	1,575	1,406
Somerville, Mass.-----	14	16	581	676	Richmond, Va.-----	86	88	3,288	3,054
Springfield, Mass.-----	65	50	1,850	1,806	Savannah, Ga.-----	29	26	1,303	1,245
Waterbury, Conn.-----	32	28	1,107	1,105	Tampa, Fla.-----	56	78	2,699	2,530
Worcester, Mass.-----	62	46	2,355	2,184	Washington, D. C.-----	244	231	8,227	7,960
MIDDLE ATLANTIC					Wilmington, Del.-----	36	40	1,597	1,521
Albany, N. Y.-----	57	56	2,149	2,133	EAST SOUTH CENTRAL				
Allentown, Pa.-----	67	65	1,708	1,618	Birmingham, Ala.-----	74	102	3,475	3,318
Buffalo, N. Y.-----	152	234	6,267	6,254	Chattanooga, Tenn.-----	53	49	2,017	1,838
Camden, N. J.-----	50	40	1,762	1,706	Knoxville, Tenn.-----	21	28	1,184	1,459
Elizabeth, N. J.-----	41	26	1,242	1,205	Louisville, Ky.-----	121	129	4,632	4,618
Erie, Pa.-----	44	44	1,565	1,428	Memphis, Tenn.-----	114	104	4,700	4,291
Jersey City, N. J.-----	100	74	3,008	3,033	Mobile, Ala.-----	31	47	1,594	1,491
Newark, N. J.-----	111	158	4,556	4,225	Montgomery, Ala.-----	23	31	1,134	1,248
New York City, N. Y.-----	2,043	1,942	70,274	67,845	Nashville, Tenn.-----	52	56	2,549	2,348
Paterson, N. J.-----	---	---	---	(1,630)	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	578	549	21,139	20,805	Austin, Tex.-----	23	24	1,266	1,194
Pittsburgh, Pa.-----	240	260	8,056	7,954	Baton Rouge, La.-----	21	27	1,081	969
Reading, Pa.-----	30	36	1,029	947	Corpus Christi, Tex.-----	25	29	935	865
Rochester, N. Y.-----	105	126	4,291	4,150	Dallas, Tex.-----	120	123	4,795	4,697
Schenectady, N. Y.-----	30	39	1,038	975	El Paso, Tex.-----	32	28	1,378	1,182
Scranton, Pa.-----	51	49	1,640	1,491	Fort Worth, Tex.-----	95	75	2,749	2,536
Syracuse, N. Y.-----	79	78	2,582	2,569	Houston, Tex.-----	145	166	6,560	5,916
Trenton, N. J.-----	46	52	1,975	1,908	Little Rock, Ark.-----	53	52	2,309	2,029
Utica, N. Y.-----	21	32	1,353	1,338	New Orleans, La.-----	162	178	7,571	6,883
Yonkers, N. Y.-----	35	31	1,293	1,301	Oklahoma City, Okla.-----	62	97	2,707	2,737
EAST NORTH CENTRAL					San Antonio, Tex.-----	111	90	4,179	3,823
Akron, Ohio-----	67	77	2,410	2,295	Shreveport, La.-----	62	44	2,056	1,973
Canton, Ohio-----	39	31	1,362	1,228	Tulsa, Okla.-----	59	50	2,046	1,988
Chicago, Ill.-----	907	927	33,365	31,925	MOUNTAIN				
Cincinnati, Ohio-----	194	161	6,689	6,608	Albuquerque, N. Mex.-----	29	35	1,135	1,013
Cleveland, Ohio-----	251	253	9,119	8,942	Colorado Springs, Colo.-----	13	15	594	572
Columbus, Ohio-----	119	142	4,928	4,692	Denver, Colo.-----	114	110	4,867	4,720
Dayton, Ohio-----	87	84	3,148	2,860	Ogden, Utah-----	17	15	552	557
Detroit, Mich.-----	348	400	14,271	13,844	Phoenix, Ariz.-----	40	38	1,367	1,126
Evansville, Ind.-----	52	43	1,413	1,446	Pueblo, Colo.-----	9	12	555	537
Flint, Mich.-----	60	24	1,646	1,683	Salt Lake City, Utah-----	49	41	1,958	1,946
Fort Wayne, Ind.-----	41	31	1,578	1,556	Tucson, Ariz.-----	21	20	888	291
Gary, Ind.-----	33	35	1,276	1,247	PACIFIC				
Grand Rapids, Mich.-----	45	53	1,795	1,792	Berkeley, Calif.-----	25	18	861	710
Indianapolis, Ind.-----	182	129	5,293	5,116	Long Beach, Calif.-----	58	59	2,361	2,304
Milwaukee, Wis.-----	144	143	5,748	5,445	Los Angeles, Calif.-----	510	456	20,684	20,321
Peoria, Ill.-----	31	29	1,301	1,273	Oakland, Calif.-----	102	104	4,151	3,965
South Bend, Ind.-----	34	30	1,155	1,072	Pasadena, Calif.-----	31	22	1,530	1,520
Toledo, Ohio-----	82	88	4,148	4,095	Portland, Oreg.-----	118	84	4,225	4,106
Youngstown, Ohio-----	100	66	2,467	2,375	Sacramento, Calif.-----	64	50	2,249	2,096
WEST NORTH CENTRAL					San Diego, Calif.-----	76	83	3,458	3,222
Des Moines, Iowa-----	73	71	2,419	2,176	San Francisco, Calif.-----	215	195	8,376	8,327
Duluth, Minn.-----	36	20	1,149	1,145	Seattle, Wash.-----	133	133	5,734	5,483
Kansas City, Kans.-----	22	28	1,261	1,331	Spokane, Wash.-----	56	57	2,017	2,022
Kansas City, Mo.-----	137	162	5,190	4,712	Tacoma, Wash.-----	35	45	1,711	1,666
Minneapolis, Minn.-----	177	140	5,531	5,183	Honolulu, Hawaii-----	(30)	(34)	(1,676)	(1,515)
Omaha, Nebr.-----	80	81	2,993	2,833					

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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