

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

For release December 13, 1957

Washington 25, D. C.

Vol. 6, No. 49

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 7, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

Reports from most States indicate a decreasing incidence of influenza and influenza-like disease for the week ended December 7. Some stated that incidence was only slightly above the normal seasonal level, while others indicated that school and industrial absenteeism rates have declined to normal levels. However, the Arizona Commissioner of Health stated that "significant increases" in influenza-like disease were reported in 3 counties during the past week, but no mention was made of confirmatory laboratory tests. A report from the California Department of Public Health stated that 1 State mental institution where there was an epidemic of influenza in late August and early September experienced a

second outbreak in November. In both epidemics confirmation was made of type A (Asian) infections by H-I tests. However, no information was given with respect to distribution of cases in various parts of the institution in the 2 outbreaks. A high school in California was also reported having a second outbreak of influenza-like illness, but confirmation by laboratory tests is not yet made.

The number of deaths from all causes in 114 large cities was 12,696 and deaths from influenza and pneumonia in 108 cities totaled 581. This apparent increase over the previous week when the numbers reported were 10,491 and 557, respectively, undoubtedly occurred because of the lag in reporting over the Thanksgiving Day holiday. The average numbers for the 2 weeks are below those for the week ended November 23.

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	49th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Dec. 7, 1957 ¹	Ended Dec. 8, 1956	Median 1952-56	First 49 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	-	-	19	36	30	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	-	11	12	12	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	12	24	30	874	1,044	1,620	(²)	(²)	(²)	(²)
Diphtheria-----055	32	56	62	1,082	1,462	1,947	618	636	1,155	July 1
Encephalitis, infectious-----082	43	41	15	1,783	2,131	1,864	1,223	1,502	1,271	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	234	346	476	14,139	18,207	30,066	3,129	4,128	6,229	Sept. 1
Malaria-----110-117	-	1	5	144	227	686	(²)	(²)	(²)	(²)
Measles-----085	2,972	3,813	3,813	469,885	601,233	601,233	20,231	24,531	22,511	Sept. 1
Meningococcal infections-----057	74	50	85	2,465	2,558	3,941	780	593	832	Sept. 1
Meningitis, other-----340	47	26	---	2,231	1,522	---	---	---	---	---
Poliomyelitis-----080	43	152	337	5,790	15,126	35,078	5,264	14,074	33,186	Apr. 1
Paralytic-----080.0,080.1	17	82	---	2,098	6,563	---	1,824	5,980	---	Apr. 1
Nonparalytic-----080.2	16	40	---	2,770	5,806	---	2,607	5,536	---	Apr. 1
Unspecified-----080.3	10	30	---	922	2,757	---	833	2,558	---	Apr. 1
Psittacosis-----096.2	2	11	6	235	481	265	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	5	8	8	(²)	(²)	(²)	(²)
Typhoid fever-----040	10	21	30	1,251	1,708	2,180	994	1,396	1,778	Apr. 1
Typhus fever, endemic-----101	1	2	2	112	101	172	87	82	141	Apr. 1
Rabies in animals-----	71	81	105	4,013	4,471	6,467	610	719	1,050	Oct. 1

¹Data exclude report from Wisconsin for the current week.

²Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS—Continued

Dr. Elnor Whitney, New York State Department of Health, reports that 403 serum samples were examined by complement fixation test in November. There was serologic evidence of infection with type A influenza virus in 138 patients. Of 83 serum specimens from 42 patients that were examined by H-I tests, 33 showed a fourfold or greater rise in inhibition titers to the Asian strain of virus. Sera from 38 have shown evidence of type A virus infection by the complement fixation test. A virus identified as an Asian strain of type A influenza virus was recovered from lung tissue of a fatal case. The patient was a 13-year-old girl who died 3 days after onset of symptoms. A pure culture of hemolytic staphylococcus, phage type 44A, was obtained from the lungs at autopsy.

Dr. D. S. Fleming, Minnesota Department of Health, has provided a summary of positive H-I antibody tests for influenza virus on 133 paired sera collected in 1957 (through November 30) from persons living in 37 counties. Of these, 127 showed a rise in antibody titer to the Asian strain of type A influenza virus. In 6 paired specimens, 3 showed an antibody rise to type A (FM-1), 1 to both the Asian and FM-1 strains, and 2 to both PR-8 and FM-1 strains. Of the 6 pairs, 4 were obtained before the occurrence of Asian type infection.

Brucellosis

Information has been received from the California Department of Public Health that further evaluation of 11 of the 13 cases of brucellosis reported for that State in the Morbidity and Mortality Weekly Report for the week ended June 22, 1957, has indicated that they were probably not brucellosis cases and will be excluded from the annual total for that disease.

Psittacosis

The Oregon State Board of Health has reported 3 cases of psittacosis apparently contracted in a poultry processing plant. Two men and a woman worked in the same room of this plant, processing over 500 turkeys from a farm on which turkey ornithosis was proved by virus isolation in 1956. The Federal veterinarian working in the plant recalled condemning livers from this flock because of lesions suspicious of ornithosis a few weeks before these individuals became ill. Specimens from the suspected flock of turkeys are currently undergoing virus isolation tests. Each of the 3 patients had fever of 104° F., headache, cough, and general malaise. One patient had nausea and vomiting. The 2 men were hospitalized. Two weeks after the first episode 1 of the men relapsed with recurrence of fever, cough, and rales in

the chest. All of the cases were treated with tetracycline. Radiologically the 3 patients showed pulmonary infiltration, and in the case that relapsed 7 weeks passed before the lesion cleared. Serologically the patients showed twofold, threefold, and fourfold titer rises in complement fixation tests for psittacosis. In none of the cases was there known exposure to psittacine birds.

The California State Department of Public Health has reported a case of psittacosis in a 25-year-old woman. She became ill with headache, coryza, and sore throat followed by persistent nonproductive cough, malaise, and myalgia. A chest X-ray gave negative results, but complement fixation tests for psittacosis showed a rise in titer, from 1:64 to 1:128. The patient had been in contact with a neighbor's parakeet. No laboratory tests were made on this bird and other information was not given.

Gastro-enteritis

The Los Angeles County (California) Health Department has reported an outbreak of gastro-enteritis among approximately 350 people who attended a reception in a clubhouse. Of these, 61 became ill with moderately severe diarrhea and cramps from 1 to 21 hours after eating the food which was served. The food including pork and chicken was prepared by a caterer. It was apparently cooked in batches on a small stove and kept at room temperature after being cooked. One occupant of the caterer's home, a 14-year-old, had a throat culture showing many colonies of Klebsiella species. Bacteriologic examination of the pork revealed no common enteric pathogens but many other bacteria, 50 percent of which were Klebsiella.

The California Department of Public Health has reported 3 cases of gastro-enteritis occurring in persons almost immediately after eating turkey and dressing in an eating establishment. The meat was prepared centrally and distributed to branch outlets in unrefrigerated trucks. The dressing was made from leftover bread which had been kept in an unsanitary container. No food was available for laboratory examination.

Mrs. Sarah V. Dugan, Kentucky State Department of Health, has reported an outbreak of gastro-enteritis in 4 persons who ate hamburgers in a restaurant. They all became ill about 2 hours later. An inspection of the restaurant revealed no violation of sanitary regulations. None of the food was available for laboratory tests, and no definite conclusions were made as to the source of infection.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 8, 1956 AND DECEMBER 7, 1957

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

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	1957	1956	49th week		Cumulative first 49 weeks		1957	1956	49th week		Cumulative first 49 weeks	
			1957	1956	1957	1956			1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	12	24	32	56	1,082	1,462	43	41	234	346	14,139	18,207
NEW ENGLAND-----	-	1	1	-	27	15	-	-	7	20	753	1,154
Maine-----	-	-	-	-	3	-	-	-	3	8	236	290
New Hampshire-----	-	-	-	-	-	1	-	-	-	1	8	33
Vermont-----	-	-	-	-	-	-	-	-	-	2	88	160
Massachusetts-----	-	1	1	-	24	14	-	-	1	5	222	296
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	75	135
Connecticut-----	-	-	-	-	-	-	-	-	2	4	124	240
MIDDLE ATLANTIC-----	-	-	1	2	89	64	6	8	27	82	2,296	3,871
New York-----	-	-	-	-	40	20	6	6	14	50	1,438	2,080
New Jersey-----	-	-	-	1	10	24	-	2	3	5	282	365
Pennsylvania-----	-	-	1	1	39	20	-	-	10	27	576	1,426
EAST NORTH CENTRAL ¹ -----	2	5	-	34	52	309	5	5	33	61	2,462	2,772
Ohio-----	-	1	-	-	14	18	-	-	7	25	603	688
Indiana-----	-	-	-	-	17	92	-	-	4	6	320	368
Illinois-----	2	3	-	-	3	8	2	2	11	10	681	658
Michigan-----	-	1	-	34	16	189	3	1	11	15	623	751
Wisconsin-----	-	-	-	-	2	2	-	2	-	5	1235	307
WEST NORTH CENTRAL-----	6	7	3	5	89	129	-	11	10	31	771	1,434
Minnesota-----	-	2	-	-	35	26	-	-	1	12	286	469
Iowa-----	2	3	2	-	12	18	-	-	2	4	175	360
Missouri-----	-	-	-	-	1	14	-	-	4	-	127	94
North Dakota-----	3	-	-	5	3	10	-	-	2	7	97	131
South Dakota-----	-	1	-	-	10	10	-	-	1	6	36	175
Nebraska-----	-	-	1	-	21	34	-	-	-	2	24	95
Kansas-----	1	1	-	-	7	17	-	11	-	-	26	110
SOUTH ATLANTIC-----	1	2	14	6	374	361	19	1	12	20	1,083	1,166
Delaware-----	-	-	-	-	-	-	-	-	-	-	11	31
Maryland-----	-	-	-	-	3	2	-	-	-	1	94	89
District of Columbia-----	-	-	-	-	-	1	-	-	-	-	12	21
Virginia-----	-	-	-	-	18	30	17	-	5	8	414	469
West Virginia-----	-	-	-	-	9	8	-	-	2	1	92	64
North Carolina-----	-	-	2	1	48	66	-	-	2	1	105	119
South Carolina-----	-	-	2	2	102	85	-	-	1	-	34	63
Georgia-----	1	2	5	-	107	77	-	1	-	3	124	159
Florida-----	-	-	5	3	87	92	2	-	2	6	197	151
EAST SOUTH CENTRAL-----	-	-	3	1	160	194	2	2	15	21	1,766	1,607
Kentucky-----	-	-	-	-	18	14	1	2	4	11	753	500
Tennessee-----	-	-	-	-	12	23	-	-	3	9	633	683
Alabama-----	-	-	1	-	70	101	1	-	5	1	252	203
Mississippi-----	-	-	2	1	60	56	-	-	3	-	128	221
WEST SOUTH CENTRAL-----	1	5	2	1	209	287	3	2	21	19	1,094	1,307
Arkansas-----	-	1	1	1	46	22	-	1	2	4	79	142
Louisiana-----	1	3	-	-	25	36	-	-	-	3	51	135
Oklahoma-----	-	-	-	-	23	59	1	-	3	-	131	103
Texas-----	-	1	1	-	115	170	2	1	16	12	833	927
MOUNTAIN-----	-	-	8	7	47	49	-	2	41	18	1,247	1,559
Montana-----	-	-	4	-	14	4	-	-	2	3	173	367
Idaho-----	-	-	-	-	1	1	-	-	3	1	99	195
Wyoming-----	-	-	2	-	11	7	-	-	-	1	55	106
Colorado-----	-	-	-	-	2	3	-	-	4	6	188	351
New Mexico-----	-	-	2	7	13	25	-	2	18	5	395	147
Arizona-----	-	-	-	-	4	6	-	-	8	2	245	309
Utah-----	-	-	-	-	2	3	-	-	6	-	62	75
Nevada-----	-	-	-	-	-	-	-	-	-	-	30	9
PACIFIC-----	2	4	-	-	35	54	8	10	68	74	2,667	3,337
Washington-----	1	1	-	-	23	12	-	-	5	6	364	604
Oregon-----	-	-	-	-	3	11	-	-	6	13	491	663
California-----	1	3	-	-	9	31	8	10	57	55	1,812	2,070
Alaska-----	-	-	-	-	-	36	-	-	8	3	107	184
Hawaii-----	-	-	-	-	1	-	-	-	2	-	67	55
Puerto Rico-----	-	-	-	1	60	78	-	-	-	4	159	226

¹Data exclude report from Wisconsin for the current week.

4 Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 8, 1956 AND DECEMBER 7, 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	
	49th week		Cumulative first 49 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	43	152	5,790	15,126	17	82	16	40	-	1	2,972	3,813
NEW ENGLAND-----	-	1	81	249	-	-	-	1	-	-	258	224
Maine-----	-	-	9	22	-	-	-	-	-	-	26	14
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	2	-
Vermont-----	-	-	5	21	-	-	-	-	-	-	-	64
Massachusetts-----	-	1	24	110	-	-	-	1	-	-	207	31
Rhode Island-----	-	-	-	9	-	-	-	-	-	-	1	-
Connecticut-----	-	-	39	84	-	-	-	-	-	-	22	115
MIDDLE ATLANTIC-----	1	10	337	1,198	-	4	-	1	-	-	348	707
New York-----	1	7	215	784	-	4	-	1	-	-	298	389
New Jersey-----	-	-	79	210	-	-	-	-	-	-	31	127
Pennsylvania-----	-	3	43	204	-	-	-	-	-	-	19	191
EAST NORTH CENTRAL ¹ -----	13	33	1,534	4,085	3	13	5	9	-	-	351	730
Ohio-----	4	6	270	618	-	1	-	1	-	-	122	161
Indiana-----	6	12	199	418	2	2	4	4	-	-	72	74
Illinois-----	1	3	346	1,830	-	2	-	1	-	-	103	148
Michigan-----	2	4	506	671	1	2	1	2	-	-	54	188
Wisconsin-----	-	8	1213	548	-	6	-	1	-	-	-	159
WEST NORTH CENTRAL-----	4	11	456	1,694	3	6	1	1	-	-	60	215
Minnesota-----	1	1	53	204	1	1	-	-	-	-	4	76
Iowa-----	1	1	84	628	1	-	-	-	-	-	13	54
Missouri-----	-	6	124	419	-	5	-	-	-	-	8	34
North Dakota-----	-	-	11	37	-	-	-	-	-	-	27	47
South Dakota-----	1	1	41	38	1	-	-	-	-	-	5	4
Nebraska-----	-	2	77	181	-	-	-	1	-	-	3	-
Kansas-----	1	-	66	187	-	-	1	-	-	-	-	-
SOUTH ATLANTIC-----	4	22	830	1,480	3	11	-	8	-	1	515	309
Delaware-----	-	-	5	27	-	-	-	-	-	-	7	13
Maryland-----	1	2	35	107	1	1	-	1	-	-	191	-
District of Columbia-----	-	-	67	11	-	-	-	-	-	-	32	-
Virginia-----	1	2	110	230	1	1	-	1	-	-	71	46
West Virginia-----	-	-	50	111	-	-	-	-	-	-	114	89
North Carolina-----	1	7	220	329	1	5	-	2	-	-	35	10
South Carolina-----	-	3	128	108	-	2	-	1	-	-	14	46
Georgia-----	-	2	82	196	-	1	-	-	-	-	43	97
Florida-----	1	6	133	361	-	1	-	3	-	1	8	8
EAST SOUTH CENTRAL-----	2	14	415	732	-	10	-	2	-	-	212	548
Kentucky-----	-	4	109	195	-	3	-	1	-	-	20	234
Tennessee-----	-	3	148	150	-	2	-	1	-	-	170	249
Alabama-----	-	-	54	94	-	-	-	-	-	-	21	59
Mississippi-----	2	7	104	293	-	5	-	-	-	-	1	6
WEST SOUTH CENTRAL-----	8	28	1,085	2,372	4	22	4	6	-	-	297	289
Arkansas-----	-	5	55	214	-	5	-	-	-	-	2	45
Louisiana-----	-	1	180	612	-	1	-	-	-	-	1	8
Oklahoma-----	-	-	123	221	-	-	-	-	-	-	21	3
Texas-----	8	22	727	1,325	4	16	4	6	-	-	273	233
MOUNTAIN-----	2	11	241	819	1	5	-	1	-	-	533	310
Montana-----	-	3	12	52	-	3	-	-	-	-	176	49
Idaho-----	-	1	25	109	-	-	-	-	-	-	99	9
Wyoming-----	-	-	13	36	-	-	-	-	-	-	-	1
Colorado-----	-	1	49	158	-	-	-	-	-	-	22	28
New Mexico-----	-	2	49	80	-	1	-	1	-	-	192	45
Arizona-----	1	1	56	129	1	1	-	-	-	-	15	25
Utah-----	1	3	33	221	-	-	-	-	-	-	29	149
Nevada-----	-	-	4	34	-	-	-	-	-	-	-	4
PACIFIC-----	9	22	811	2,497	3	11	6	11	-	-	398	481
Washington-----	2	2	21	185	1	-	1	2	-	-	128	181
Oregon-----	-	3	46	168	-	3	-	-	-	-	120	24
California-----	7	17	744	2,144	2	8	5	9	-	-	150	276
Alaska-----	-	-	3	12	-	-	-	-	-	-	75	3
Hawaii-----	-	-	10	67	-	-	-	-	-	-	1	366
Puerto Rico-----	-	-	33	51	-	-	-	-	-	-	14	105

¹Data exclude report from Wisconsin for the current week.

²Includes cases not specified by type, category number 080.3.

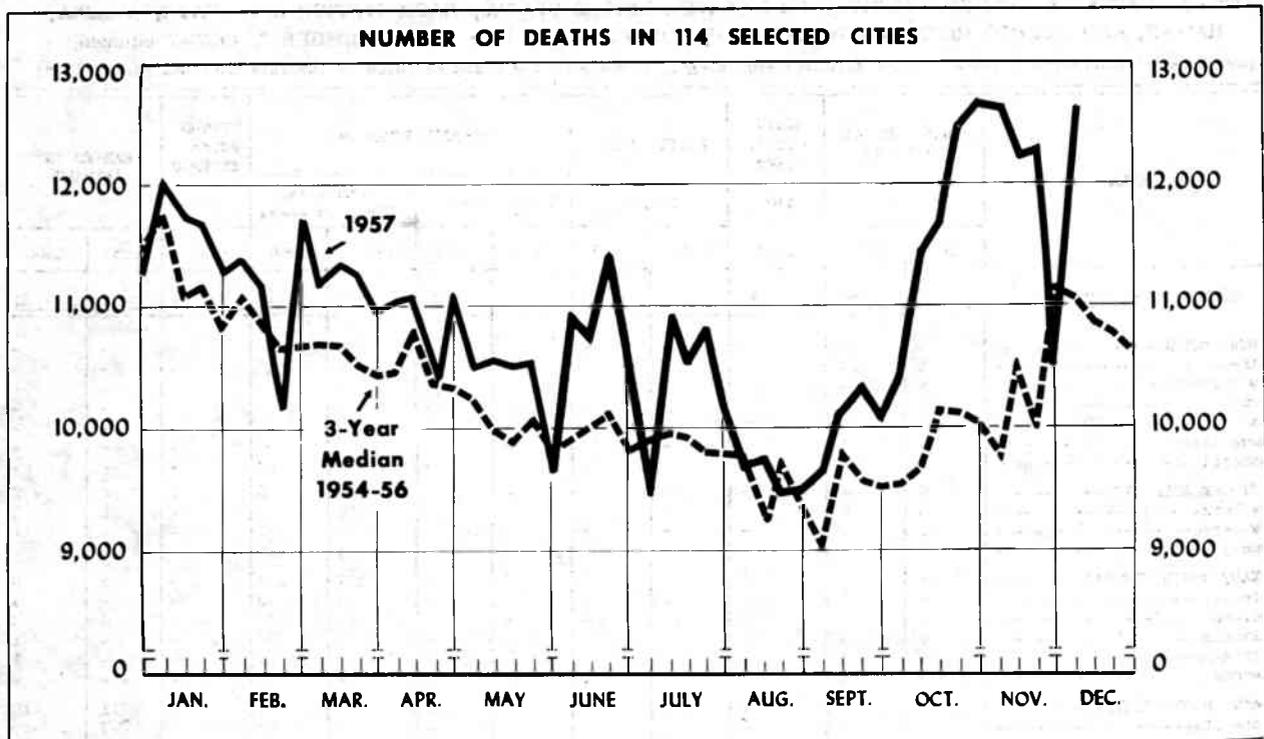
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 8, 1956 AND DECEMBER 7, 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, FEVERIC	RABIES IN ANIMALS	
	057			340	096.2		49th week		Cumulative first 49 weeks		101	1957
	1957	1956	1957	1957	1956	1957	1956	1957	1956	1957	1957	1956
CONT. UNITED STATES ¹ -----	74	50	47	2	11	10	21	1,251	1,708	1	71	81
NEW ENGLAND -----	7	4	3	-	-	-	-	25	55	-	-	-
Maine-----	1	-	-	-	-	-	-	2	17	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	-	3	-	-	-
Massachusetts-----	4	3	2	-	-	-	-	13	17	-	-	-
Rhode Island-----	-	1	1	-	-	-	-	5	6	-	-	-
Connecticut-----	1	-	-	-	-	-	-	3	12	-	-	-
MIDDLE ATLANTIC -----	6	4	-	-	-	2	-	152	205	-	2	2
New York-----	2	3	-	-	-	1	-	58	58	-	2	2
New Jersey-----	1	1	-	-	-	-	-	20	32	-	-	-
Pennsylvania-----	3	-	-	-	-	1	-	74	115	-	-	-
EAST NORTH CENTRAL ¹ -----	12	9	16	-	5	3	3	177	223	-	3	8
Ohio-----	4	1	-	-	1	2	-	65	59	-	-	4
Indiana-----	2	1	5	-	-	-	-	62	30	-	3	2
Illinois-----	4	5	11	-	-	1	-	21	36	-	-	1
Michigan-----	2	2	-	-	-	-	1	15	53	-	-	1
Wisconsin-----	-	-	-	-	4	-	2	14	45	-	-	-
WEST NORTH CENTRAL -----	3	8	1	1	2	-	3	88	202	-	11	16
Minnesota-----	1	2	-	1	2	-	-	5	37	-	7	10
Iowa-----	-	1	-	-	-	-	1	22	61	-	2	6
Missouri-----	1	3	-	-	-	-	2	44	69	-	1	-
North Dakota-----	-	-	-	-	-	-	-	2	6	-	-	-
South Dakota-----	-	-	-	-	-	-	-	8	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	13	-	1	-
Kansas-----	1	2	1	-	-	-	-	6	13	-	-	-
SOUTH ATLANTIC -----	17	13	8	-	1	-	4	231	277	-	17	18
Delaware-----	-	-	-	-	-	-	1	1	4	-	-	-
Maryland-----	2	-	-	-	-	-	1	10	18	-	-	-
District of Columbia-----	-	1	-	-	-	-	-	9	12	-	-	-
Virginia-----	4	2	3	-	-	-	2	41	56	-	6	5
West Virginia-----	-	1	1	-	-	-	-	50	24	-	1	-
North Carolina-----	5	4	-	-	1	-	-	14	28	-	-	2
South Carolina-----	2	-	-	-	-	-	-	20	30	-	2	3
Georgia-----	1	1	4	-	-	-	-	32	53	-	5	6
Florida-----	3	4	-	-	-	-	-	54	52	-	3	2
EAST SOUTH CENTRAL -----	13	6	3	-	-	2	4	173	234	-	22	18
Kentucky-----	3	4	-	-	-	-	4	54	57	-	14	6
Tennessee-----	2	-	3	-	-	2	-	67	81	-	2	3
Alabama-----	8	2	-	-	-	-	-	12	30	-	5	9
Mississippi-----	-	-	-	-	-	-	-	40	66	-	1	-
WEST SOUTH CENTRAL -----	6	2	10	-	-	1	7	249	321	-	11	13
Arkansas-----	-	-	1	-	-	1	-	43	68	-	2	5
Louisiana-----	1	2	-	-	-	-	5	59	49	-	1	8
Oklahoma-----	-	-	-	-	-	1	-	26	50	-	-	-
Texas-----	5	-	9	-	-	-	1	121	154	-	8	-
MOUNTAIN -----	2	1	2	1	-	-	-	54	74	-	-	1
Montana-----	1	-	-	-	-	-	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	1	1	1	-	-	-	-	12	21	-	-	-
New Mexico-----	-	-	1	-	-	-	-	20	17	-	-	-
Arizona-----	-	-	-	-	-	-	-	10	24	-	-	1
Utah-----	-	-	-	1	-	-	-	3	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC -----	8	3	4	-	3	2	-	102	117	1	5	5
Washington-----	-	-	2	-	-	-	-	7	3	-	-	-
Oregon-----	1	2	2	-	-	-	-	6	14	-	-	-
California-----	7	1	-	-	3	2	-	89	100	1	5	5
Alaska-----	-	-	-	-	-	-	-	2	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	7	17	82	-	-	-

¹Data exclude report from Wisconsin for the current week.

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



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	49th week ended Dec. 7, 1957	48th week ended Nov. 30, 1957	49th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 49 WEEKS		
					1957	1956	Percent change
TOTAL: 113 REPORTING CITIES-----	12,643	10,438	11,030	+14.6	534,615	510,084	+4.8
New England----- (14 cities)	769	679	704	+9.2	34,359	32,871	+4.5
Middle Atlantic----- (19 cities)	3,431	2,929	3,218	+6.6	153,731	148,172	+3.8
East North Central----- (19 cities)	2,686	2,249	2,445	+9.9	116,033	111,250	+4.3
West North Central----- (9 cities)	941	746	754	+24.8	38,378	36,069	+6.4
South Atlantic----- (11 cities)	1,052	912	920	+14.3	45,238	42,840	+5.6
East South Central----- (8 cities)	605	478	513	+17.9	24,053	23,044	+4.4
West South Central----- (13 cities)	1,096	860	925	+18.5	44,673	41,188	+8.5
Mountain----- (8 cities)	415	249	262	+58.4	13,491	12,062	+11.8
Pacific----- (12 cities)	1,648	1,336	1,310	+25.8	64,659	62,588	+3.3

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

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

AREA	49th week ended Dec. 7, 1957	48th week ended Nov. 30, 1957	CUMULATIVE NUMBER FIRST 49 WEEKS		AREA	49th week ended Dec. 7, 1957	48th week ended Nov. 30, 1957	CUMULATIVE NUMBER FIRST 49 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	256	200	11,625	11,117	St. Louis, Mo.-----	294	235	11,896	11,339
Bridgeport, Conn.-----	37	37	1,889	1,788	St. Paul, Minn.-----	84	58	3,257	3,207
Cambridge, Mass.-----	34	34	1,455	1,429	Wichita, Kans.-----	100	31	2,208	2,022
Fall River, Mass.-----	34	28	1,343	1,348	SOUTH ATLANTIC				
Hartford, Conn.-----	68	44	2,469	2,288	Atlanta, Ga.-----	129	94	5,440	5,289
Lowell, Mass.-----	29	23	1,364	1,142	Baltimore, Md.-----	230	259	11,821	11,279
Lynn, Mass.-----	29	15	1,056	1,028	Charlotte, N. C.-----	54	35	1,695	1,447
New Bedford, Mass.-----	22	24	1,186	1,108	Jacksonville, Fla.-----	98	49	2,693	2,497
New Haven, Conn.-----	38	55	2,284	2,214	Miami, Fla.-----	60	33	2,489	2,503
Providence, R. I.-----	63	67	3,052	2,987	Norfolk, Va.-----	62	22	1,829	1,601
Somerville, Mass.-----	11	12	643	734	Richmond, Va.-----	67	72	3,683	3,408
Springfield, Mass.-----	54	45	2,082	2,009	Savannah, Ga.-----	37	25	1,480	1,406
Waterbury, Conn.-----	34	22	1,236	1,234	Tampa, Fla.-----	81	84	3,071	2,823
Worcester, Mass.-----	60	73	2,675	2,445	Washington, D. C.-----	204	217	9,281	8,886
MIDDLE ATLANTIC					Wilmington, Del.-----	30	22	1,756	1,701
Albany, N. Y.-----	45	55	2,437	2,380	EAST SOUTH CENTRAL				
Allentown, Pa.-----	35	24	1,871	1,823	Birmingham, Ala.-----	95	86	3,950	3,740
Buffalo, N. Y.-----	179	171	7,091	6,964	Chattanooga, Tenn.-----	87	40	2,285	2,038
Camden, N. J.-----	44	43	1,985	1,905	Knoxville, Tenn.-----	34	29	1,334	1,585
Elizabeth, N. J.-----	24	32	1,387	1,341	Louisville, Ky.-----	140	97	5,267	5,151
Erie, Pa.-----	45	34	1,776	1,593	Memphis, Tenn.-----	94	95	5,204	4,802
Jersey City, N. J.-----	81	61	3,405	3,374	Mobile, Ala.-----	46	42	1,797	1,694
Newark, N. J.-----	104	69	5,028	4,690	Montgomery, Ala.-----	53	22	1,326	1,404
New York City, N. Y.-----	1,711	1,512	78,665	75,738	Nashville, Tenn.-----	56	67	2,890	2,630
Paterson, N. J.-----	---	---	---	(1,847)	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	537	472	23,881	23,076	Austin, Tex.-----	34	28	1,466	1,330
Pittsburgh, Pa.-----	230	156	9,125	8,897	Baton Rouge, La.-----	33	18	1,221	1,081
Reading, Pa.-----	19	22	1,140	1,049	Corpus Christi, Tex.-----	21	15	1,039	966
Rochester, N. Y.-----	104	94	4,838	4,628	Dallas, Tex.-----	132	117	5,422	5,280
Schenectady, N. Y.-----	31	17	1,155	1,089	El Paso, Tex.-----	38	43	1,570	1,321
Scranton, Pa.-----	57	34	1,863	1,663	Fort Worth, Tex.-----	70	69	3,100	2,846
Syracuse, N. Y.-----	60	48	2,908	2,880	Houston, Tex.-----	175	129	7,361	6,607
Trenton, N. J.-----	55	30	2,200	2,130	Little Rock, Ark.-----	59	54	2,598	2,256
Utica, N. Y.-----	34	21	1,527	1,502	New Orleans, La.-----	192	172	8,472	7,727
Yonkers, N. Y.-----	36	34	1,449	1,450	Oklahoma City, Okla.-----	93	49	3,053	3,058
EAST NORTH CENTRAL					San Antonio, Tex.-----	120	101	4,742	4,313
Akron, Ohio-----	73	42	2,692	2,591	Shreveport, La.-----	38	47	2,295	2,192
Canton, Ohio-----	37	26	1,552	1,394	Tulsa, Okla.-----	91	18	2,334	2,211
Chicago, Ill.-----	800	739	37,467	35,694	MOUNTAIN				
Cincinnati, Ohio-----	182	133	7,539	7,388	Albuquerque, N. Mex.-----	37	25	1,281	1,127
Cleveland, Ohio-----	241	194	10,266	10,002	Colorado Springs, Colo.-----	15	11	664	636
Columbus, Ohio-----	127	116	5,559	5,265	Denver, Colo.-----	185	95	5,514	5,264
Dayton, Ohio-----	75	73	3,542	3,239	Ogden, Utah-----	15	10	620	618
Detroit, Mich.-----	351	325	16,006	15,416	Phoenix, Ariz.-----	67	34	1,596	1,266
Evansville, Ind.-----	49	37	1,616	1,623	Pueblo, Colo.-----	14	10	614	610
Flint, Mich.-----	43	39	1,854	1,868	Salt Lake City, Utah-----	68	46	2,231	2,184
Fort Wayne, Ind.-----	59	54	1,808	1,743	Tucson, Ariz.-----	14	18	971	357
Gary, Ind.-----	26	18	1,430	1,394	PACIFIC				
Grand Rapids, Mich.-----	36	41	1,992	1,984	Berkeley, Calif.-----	22	25	965	812
Indianapolis, Ind.-----	176	71	5,980	5,710	Long Beach, Calif.-----	71	68	2,665	2,610
Milwaukee, Wis.-----	174	130	6,482	6,073	Los Angeles, Calif.-----	644	482	23,377	22,905
Peoria, Ill.-----	28	39	1,487	1,419	Oakland, Calif.-----	103	106	4,643	4,400
South Bend, Ind.-----	24	23	1,282	1,204	Pasadena, Calif.-----	34	37	1,732	1,709
Toledo, Ohio-----	124	103	4,714	4,614	Portland, Oreg.-----	120	91	4,808	4,622
Youngstown, Ohio-----	61	46	2,765	2,629	Sacramento, Calif.-----	70	55	2,534	2,369
WEST NORTH CENTRAL					San Diego, Calif.-----	95	80	3,907	3,655
Des Moines, Iowa-----	76	57	2,756	2,450	San Francisco, Calif.-----	224	170	9,335	9,277
Duluth, Minn.-----	39	30	1,330	1,268	Seattle, Wash.-----	160	128	6,454	6,145
Kansas City, Kans.-----	19	23	1,395	1,494	Spokane, Wash.-----	59	53	2,306	2,239
Kansas City, Mo.-----	116	124	5,865	5,283	Tacoma, Wash.-----	46	41	1,933	1,845
Minneapolis, Minn.-----	133	118	6,265	5,818	Honolulu, Hawaii-----	(41)	(33)	(1,859)	(1,690)
Omaha, Nebr.-----	80	70	3,406	3,188					

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

Morbidity and Mortality Weekly Report

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.

GPO 533040

If you do not desire to continue receiving this publication, please check here and return.

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

Public Health Service
Washington 25, D. C.

Official Business

FIRST CLASS MAIL

POSTAGE AND FEES PAID
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE