

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 February 22, 1958

During the first 8 weeks of 1958 there have been only 151 cases of acute poliomyelitis reported in comparison with 358 cases during the same period of last year, a decline of 58 percent. During the first 8 weeks of this year the ratio of paralytic to nonparalytic cases of poliomyelitis has been 1.7 to 1. In the same period of 1957 the ratio of paralytic to nonparalytic cases had been 2.1 to 1.

South Central, Mountain, and Pacific. The number of deaths from influenza and pneumonia in the 108 large cities also showed an increase, 754 being reported this week as compared with 705 for the previous week. The number reported is above the expected value and above the 3-year median for the week (418). The numbers were above the expected in 6 of the 9 geographical divisions and only in the New England, Mountain, and Pacific Divisions were deaths from these causes at about the expected levels.

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from all causes reported in the 114 large cities was 13,013 for the week ended February 22 as compared with 12,439 for the previous week. The numbers were above the expected level for this time of the year for the country as a whole and for every division except the West

A satisfactory explanation for the rise in influenza and pneumonia deaths since January 1 has not been found. No reports have been received of widespread epidemic occurrence of influenza and only a few localized outbreaks have been reported in different parts of the country. Reports from some clinical centers indicate that no increase in hospital admis-

Continued on page 2

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

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

DISEASE	8th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 22, 1958	Ended Feb. 23, 1957	Median 1953-57	First 8 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	2	1	-	4	4	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	10	13	18	93	107	176	(1)	(1)	(1)	(1)
Diphtheria-----055	13	14	28	144	168	337	916	917	1,657	July 1
Encephalitis, infectious-----082	22	13	17	154	140	146	1,452	1,706	1,481	June 1
Hepatitis, infectious, and serum-----092, M998.5 pt.	336	353	635	2,765	3,125	5,087	6,570	8,324	11,552	Sept. 1
Malaria-----110-117	1	4	3	8	13	25	(1)	(1)	(1)	(1)
Measles-----085	16,470	14,919	15,242	88,786	91,895	81,396	121,689	129,104	112,737	Sept. 1
Meningococcal infections-----057	80	53	73	501	442	742	1,458	1,273	1,764	Sept. 1
Meningitis, other-----340	40	38	---	350	241	---	---	---	---	---
Poliomyelitis-----080	11	34	58	151	358	827	5,519	14,706	35,476	Apr. 1
Paralytic-----080.0,080.1	7	18	---	84	201	---	1,968	6,327	---	Apr. 1
Nonparalytic-----080.2	3	13	---	49	97	---	2,688	5,705	---	Apr. 1
Unspecified-----080.3	1	3	---	18	60	---	863	2,674	---	Apr. 1
Psittacosis-----096.2	1	5	5	15	38	38	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	1	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	13	10	20	115	157	198	1,135	1,604	2,082	Apr. 1
Typhus fever, endemic-----101	4	-	-	7	20	19	96	106	159	Apr. 1
Rabies in animals-----	95	115	138	721	789	930	1,536	1,753	2,295	Oct. 1

¹Data show no pronounced seasonal change in incidence.

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

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ATLANTA 23, GEORGIA

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EPIDEMIOLOGICAL REPORTS—Continued

sions for pneumonia have been observed. The U. S. National Health Survey report for the week ended January 25 for the country as a whole showed no increase in the estimated numbers of new cases of upper respiratory diseases requiring 1 or more days of bed rest. The estimated numbers of new cases have shown no significant change since the early part of December. However, the California State Department of Public Health reports that the California Health Survey showed an increase in the number of acute respiratory disease cases for the week ended January 18 as compared with the previous 2 weeks. Higher absenteeism rates in statewide industry in California were noted in the first 2 weeks of February.

Dr. F. G. Gunlaugson, Minneapolis (Minn.) Department of Health, has reported an outbreak of influenza in a penal institution in Hennepin County. Twenty-four male inmates and 1 nurse were ill between January 25 and February 12. Symptoms consisted of malaise, cough, sore throat, and temperatures ranging from 100° to 103° F. An Asian strain of type A influenza virus was isolated from 1 of the inmates. Serologic tests on paired blood specimens have not been completed.

The New Jersey State Department of Health has reported an outbreak of respiratory disease in a school in which the attack rate was 20 percent. The illness was found to be mild, and no specimens for laboratory testing were obtained.

Dr. Thomas Francis, Jr., University of Michigan, has reported the recovery of an Asian strain of influenza virus from the lung of a 79-year-old male who died of a "vascular accident" and pneumonitis in the right lower lobe. No significant bacterial agents were recovered. In another death, that of a 62-year-old male who had bilateral purulent pneumonia and pulmonary emphysema, a Pseudomonas type of organism was recovered. No virus was isolated in this case.

The Oregon State Board of Health has been investigating an illness that has been responsible for a substantial proportion of all absenteeism during recent weeks in Oregon. The symptoms consist of nasal congestion, chilliness and low grade fever, headache, lassitude, nausea usually without vomiting, abdominal cramps, and diarrhea. The incubation period appeared to be about 2 to 5 days, and the duration of illness from 1 to 2 days. An etiologic agent has not been identified. Appendicitis was suspected in one case; and in another a laparotomy was performed with the finding only of mesenteric lymphadenitis. The patient, an 18-month-old child, developed encephalitic symptoms with extreme hyperpyrexia and died.

Dr. R. E. Dwork, Director of the Ohio Department of Health, has reported that a small outbreak of influenza occurred in a penal institution early in February. About 20 percent of the inmates were attacked. Influenza was identified by serologic tests. An outbreak in a county home in another part of the State is being investigated. Results of the examination of throat washings from this group of cases are not yet available.

Tularemia

The Washington State Department of Health has forwarded information concerning 2 cases of tularemia, a father and son who had been trapping muskrats during November 1957. The men reported seeing dead muskrats "by the hundreds" and that the pelt condition of trapped muskrats was poor.

Gastro-enteritis

Dr. S. B. Osgood, Oregon State Board of Health, has reported an outbreak of gastro-enteritis among 94 of 140 teachers eating dinner in a restaurant. The victims reported nausea and diarrhea beginning 7 to 11 hours after eating crab cocktail, turkey, dressing, and giblet gravy. Only 10 or 12 persons were so severely affected that they were unable to go to work. Suspicion focussed on the frozen crabmeat, since 3 cans were thawed at room temperature for 10 hours, but laboratory examination of the crabmeat and the crab cocktail was negative. Samples of turkey and giblet gravy were not available. Stool specimens from 5 food handlers and 4 guests were reported as negative. Shigella boydii was isolated from a sample of turkey dressing, but not from the stools of the patients. Therefore the etiologic significance of S. boydii was regarded as questionable.

Information has been received from the California State Department of Public Health of outbreaks of gastro-enteritis in 2 restaurants and a social club. In the social club outbreak 17 of 18 persons developed nausea, vomiting, abdominal cramps, and diarrhea 29 to 48 hours after eating raw oysters. The symptoms lasted about 2 days. Stool specimens from 13 persons were reported as negative. The source of the oysters is unknown. In one of the restaurant outbreaks 2 persons became ill with numbness of the lips, difficulty in swallowing, nausea, vomiting, and diarrhea ¼ hour after eating bacon, hamburger steak, french-fried potatoes, cole slaw, and garlic bread. One person also reported fever, disturbed vision, and a trace of blood in the stool. Symptoms continued for 10 days, although medication was begun after 5 days. No specimens were examined in the laboratory. In the other restaurant outbreak 2 of 3 persons became ill with cramps and diarrhea 10 hours after eating turkey sandwiches. Symptoms lasted for 1 day. There was indication that raw and prepared turkey were handled on the same work table. No specimens were submitted to the laboratory.

The Public Health Service, Regional Office IX, has reported an outbreak of gastro-enteritis on a passenger plane leaving Chicago on February 8. The specific article of food involved has not been determined. A stewardess who ate the hot meal became ill, while one who ate sandwiches was not affected.

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 FEBRUARY 23, 1957, AND FEBRUARY 22, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092, W998.5 pt.			
			8th week		Cumulative first 8 weeks				8th week		Cumulative first 8 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	10	13	13	14	144	168	22	13	336	353	2,765	3,125
NEW ENGLAND-----	-	-	-	-	4	3	1	1	16	13	83	191
Maine-----	-	-	-	-	-	1	-	-	1	6	9	53
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	3
Vermont-----	-	-	-	-	-	-	-	-	1	3	2	40
Massachusetts-----	-	-	-	-	4	2	-	1	11	1	42	57
Rhode Island-----	-	-	-	-	-	-	-	-	-	2	12	18
Connecticut-----	-	-	-	-	-	-	1	-	3	1	18	20
MIDDLE ATLANTIC-----	-	-	3	1	16	7	6	-	28	35	284	393
New York-----	-	-	3	1	10	3	5	-	23	19	162	198
New Jersey-----	-	-	-	-	1	2	-	-	2	4	35	67
Pennsylvania-----	-	-	-	-	5	2	1	-	3	12	87	128
EAST NORTH CENTRAL-----	1	1	1	-	5	12	1	3	56	71	413	606
Ohio-----	1	1	-	-	2	3	-	1	23	19	113	163
Indiana-----	-	-	1	-	1	-	-	2	1	2	44	52
Illinois-----	-	-	-	-	-	-	1	-	11	26	92	138
Michigan-----	-	-	-	-	2	9	-	-	20	20	147	188
Wisconsin-----	-	-	-	-	-	-	-	-	1	4	17	65
WEST NORTH CENTRAL-----	8	7	1	2	6	21	1	-	65	17	187	226
Minnesota-----	-	1	-	2	-	14	-	-	3	3	19	77
Iowa-----	4	1	-	-	2	1	-	-	4	4	31	49
Missouri-----	2	-	-	-	-	-	-	-	1	3	29	42
North Dakota-----	-	-	-	-	1	-	-	-	5	3	30	45
South Dakota-----	-	1	-	-	-	4	-	-	-	1	1	5
Nebraska-----	-	1	1	-	3	1	-	-	-	1	12	4
Kansas-----	2	3	-	-	-	1	1	-	52	2	65	4
SOUTH ATLANTIC-----	-	2	2	7	41	46	-	2	19	27	198	211
Delaware-----	-	-	-	-	-	-	-	-	1	-	4	1
Maryland-----	-	-	-	-	1	1	-	-	-	3	22	20
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	2	7
Virginia-----	-	1	-	-	5	-	-	1	12	9	56	82
West Virginia-----	-	-	-	-	1	1	-	-	1	5	26	18
North Carolina-----	-	-	1	1	8	8	-	-	-	2	13	19
South Carolina-----	-	-	-	-	7	10	-	-	-	1	6	5
Georgia-----	-	1	1	1	12	10	-	-	2	1	24	29
Florida-----	-	-	-	5	7	16	-	-	3	6	45	30
EAST SOUTH CENTRAL-----	-	1	1	-	13	29	1	1	27	74	232	500
Kentucky-----	-	-	-	-	1	8	-	1	10	34	117	202
Tennessee-----	-	-	1	-	5	2	1	-	11	22	70	213
Alabama-----	-	-	-	-	5	8	-	-	6	14	35	46
Mississippi-----	-	1	-	-	2	11	-	-	-	4	10	39
WEST SOUTH CENTRAL-----	-	-	4	3	34	38	1	1	26	28	178	176
Arkansas-----	-	-	1	-	4	3	-	-	4	2	14	22
Louisiana-----	-	-	-	-	3	-	-	-	-	1	4	12
Oklahoma-----	-	-	1	2	11	8	1	-	9	3	33	21
Texas-----	-	-	2	1	16	27	-	1	13	22	127	121
MOUNTAIN-----	-	1	1	1	23	7	1	-	49	30	728	263
Montana-----	-	-	1	-	12	2	1	-	9	3	65	25
Idaho-----	-	-	-	1	1	1	-	-	12	2	44	17
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	6
Colorado-----	-	-	-	-	5	-	-	-	1	7	23	48
New Mexico-----	-	-	-	-	2	3	-	-	10	14	85	75
Arizona-----	-	1	-	-	1	-	-	-	1	1	432	58
Utah-----	-	-	-	-	-	-	-	-	5	3	33	15
Nevada-----	-	-	-	-	-	-	-	-	11	-	42	19
PACIFIC-----	1	1	-	-	2	5	10	5	50	58	462	559
Washington-----	-	-	-	-	-	-	-	-	17	12	95	93
Oregon-----	-	-	-	-	1	1	-	-	6	8	45	126
California-----	1	1	-	-	1	4	10	5	27	38	322	340
Alaska-----	-	-	-	-	-	-	-	-	16	7	42	13
Hawaii-----	-	-	-	-	-	-	-	-	1	-	10	3
Puerto Rico-----	-	-	-	2	8	4	-	-	5	4	29	18

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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 FEBRUARY 23, 1957, AND FEBRUARY 22, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	8th week		Cumulative first 8 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	11	34	151	358	7	18	3	13	1	4	16,470	14,919
NEW ENGLAND-----	-	-	2	3	-	-	-	-	-	-	1,787	544
Maine-----	-	-	2	1	-	-	-	-	-	-	75	126
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	61	4
Vermont-----	-	-	-	-	-	-	-	-	-	-	37	63
Massachusetts-----	-	-	-	-	-	-	-	-	-	-	996	128
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	101	6
Connecticut-----	-	-	-	2	-	-	-	-	-	-	517	217
MIDDLE ATLANTIC-----	-	1	8	11	-	1	-	-	-	-	3,120	1,908
New York-----	-	-	6	9	-	-	-	-	-	-	2,215	1,071
New Jersey-----	-	1	2	2	-	1	-	-	-	-	398	524
Pennsylvania-----	-	-	-	-	-	-	-	-	-	-	507	313
EAST NORTH CENTRAL-----	1	5	13	41	1	3	-	1	-	-	3,424	2,096
Ohio-----	-	-	2	9	-	-	-	-	-	-	561	260
Indiana-----	-	2	1	7	-	2	-	-	-	-	436	260
Illinois-----	-	2	2	7	-	1	-	-	-	-	494	216
Michigan-----	1	1	6	14	1	-	-	1	-	-	471	612
Wisconsin-----	-	-	2	4	-	-	-	-	-	-	1,462	748
WEST NORTH CENTRAL-----	-	1	4	32	-	-	-	1	-	-	161	954
Minnesota-----	-	-	1	1	-	-	-	-	-	-	15	263
Iowa-----	-	-	1	3	-	-	-	-	-	-	49	367
Missouri-----	-	-	1	11	-	-	-	-	-	-	21	109
North Dakota-----	-	-	-	-	-	-	-	-	-	-	58	198
South Dakota-----	-	-	1	-	-	-	-	-	-	-	6	12
Nebraska-----	-	1	-	11	-	-	-	1	-	-	12	3
Kansas-----	-	-	-	6	-	-	-	-	-	-	-	2
SOUTH ATLANTIC-----	4	4	47	66	4	1	-	3	1	2	1,872	1,279
Delaware-----	-	-	-	-	-	-	-	-	-	-	38	6
Maryland-----	-	-	-	-	-	-	-	-	-	-	298	17
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	78	14
Virginia-----	-	-	1	4	-	-	-	-	1	1	332	173
West Virginia-----	-	-	1	3	-	-	-	-	-	-	251	104
North Carolina-----	-	-	18	8	-	-	-	-	-	-	158	48
South Carolina-----	-	-	1	19	-	-	-	-	-	-	528	181
Georgia-----	2	1	4	9	2	1	-	-	-	-	99	134
Florida-----	2	3	22	23	2	-	-	3	-	1	90	602
EAST SOUTH CENTRAL-----	2	1	18	23	1	1	1	-	-	-	1,831	1,747
Kentucky-----	-	-	11	2	-	-	-	-	-	-	828	735
Tennessee-----	-	-	2	6	-	-	-	-	-	-	786	499
Alabama-----	1	-	3	5	1	-	-	-	-	-	149	408
Mississippi-----	1	1	2	10	-	1	1	-	-	-	68	105
WEST SOUTH CENTRAL-----	1	8	20	73	-	4	1	3	-	-	1,973	1,961
Arkansas-----	-	-	2	2	-	-	-	-	-	-	84	18
Louisiana-----	-	-	6	10	-	-	-	-	-	-	4	20
Oklahoma-----	-	1	-	4	-	-	-	-	-	-	149	45
Texas-----	1	7	12	57	-	4	1	3	-	-	1,736	1,878
MOUNTAIN-----	1	5	12	29	-	3	-	1	-	1	1,047	1,506
Montana-----	-	-	-	2	-	-	-	-	-	-	184	82
Idaho-----	-	1	-	1	-	1	-	-	-	-	83	13
Wyoming-----	-	-	1	-	-	-	-	-	-	-	3	2
Colorado-----	-	-	-	5	-	-	-	-	-	-	66	81
New Mexico-----	1	-	8	3	-	-	-	-	-	-	479	290
Arizona-----	-	3	2	6	-	2	-	1	-	-	160	312
Utah-----	-	1	1	10	-	-	-	-	-	1	71	717
Nevada-----	-	-	-	2	-	-	-	-	-	-	1	9
PACIFIC-----	2	9	27	80	1	5	1	4	-	1	1,255	2,924
Washington-----	-	-	-	1	-	-	-	-	-	-	360	576
Oregon-----	-	-	2	7	-	-	-	-	-	-	423	276
California-----	2	9	25	72	1	5	1	4	-	1	472	2,072
Alaska-----	-	-	-	1	-	-	-	-	-	-	29	3
Hawaii-----	-	-	1	2	-	-	-	-	-	-	5	267
Puerto Rico-----	2	-	16	4	1	-	1	-	-	-	49	92

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

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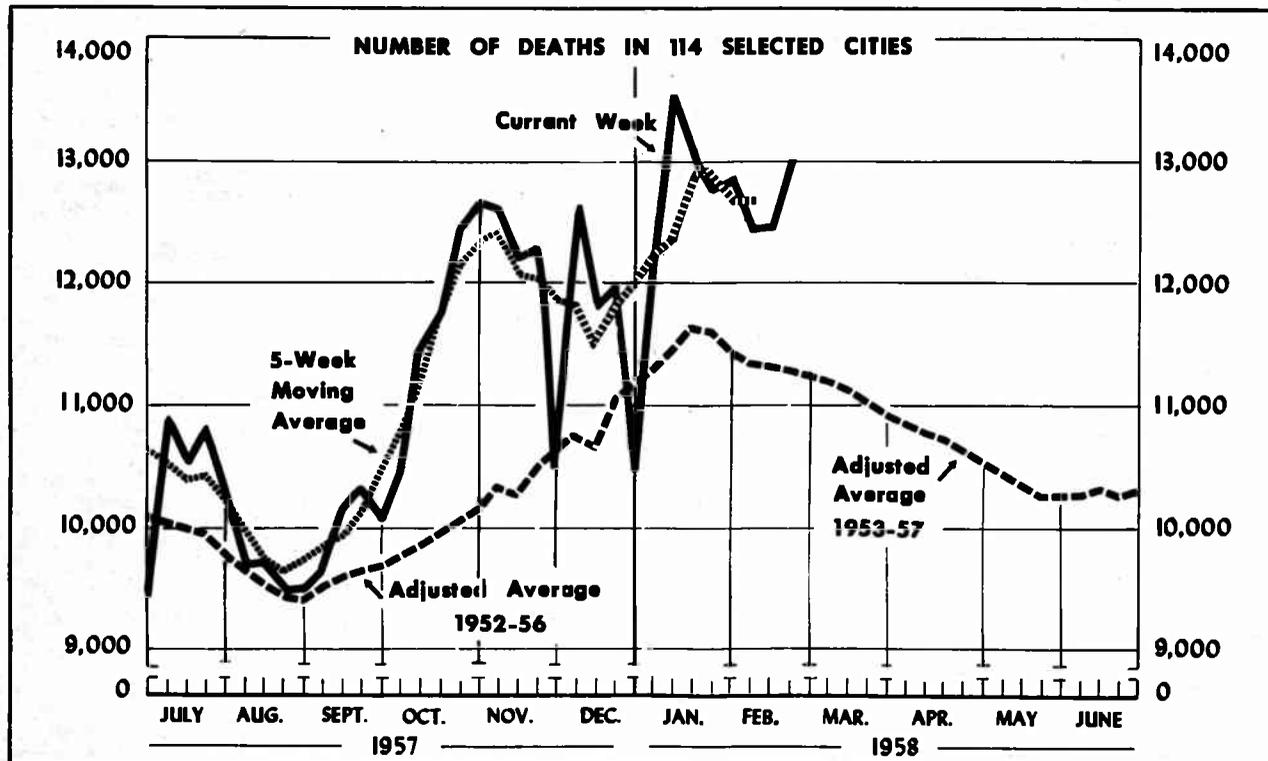
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 23, 1957, AND FEBRUARY 22, 1958—Continued

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

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340			8th week		Cumulative first 8 weeks		101		
	057	057	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	80	53	40	1	5	13	10	115	157	4	95	115
NEW ENGLAND-----	2	3	2	-	-	-	1	1	7	-	-	-
Maine-----	-	1	2	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	-	-	-	-	1	1	2	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	2	-	-	-
Connecticut-----	1	1	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	9	3	-	1	-	-	2	14	21	-	4	1
New York-----	3	1	-	1	-	-	2	3	8	-	3	1
New Jersey-----	2	-	-	-	-	-	-	5	6	-	-	-
Pennsylvania-----	4	2	-	-	-	-	-	6	7	-	1	-
EAST NORTH CENTRAL-----	23	11	12	-	-	-	3	12	21	-	22	6
Ohio-----	1	5	-	-	-	-	1	3	12	-	10	5
Indiana-----	5	2	4	-	-	-	1	4	3	-	6	-
Illinois-----	6	-	5	-	-	-	-	-	1	-	-	1
Michigan-----	9	3	3	-	-	-	1	2	4	-	-	-
Wisconsin-----	2	1	-	-	-	-	-	5	1	-	6	-
WEST NORTH CENTRAL-----	5	4	3	-	1	3	-	18	15	-	9	15
Minnesota-----	1	1	-	-	1	1	-	2	2	-	6	2
Iowa-----	1	1	2	-	-	-	-	4	4	-	1	3
Missouri-----	-	1	1	-	-	2	-	9	7	-	2	8
North Dakota-----	1	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	1	-	-	-	-	-	-	1	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	-	2
Kansas-----	2	-	-	-	-	-	-	2	1	-	-	-
SOUTH ATLANTIC-----	14	10	9	-	-	-	1	19	33	4	28	39
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	1	5	-	-	-	-	1	-	-	-	-
District of Columbia-----	-	2	-	-	-	-	-	1	-	-	-	-
Virginia-----	5	-	3	-	-	-	-	3	8	-	8	8
West Virginia-----	2	1	-	-	-	-	1	1	6	-	2	5
North Carolina-----	2	1	-	-	-	-	-	9	6	2	3	1
South Carolina-----	2	2	-	-	-	-	-	1	2	1	3	10
Georgia-----	1	-	1	-	-	-	-	-	4	1	11	8
Florida-----	2	3	-	-	-	-	-	3	7	-	1	7
EAST SOUTH CENTRAL-----	10	12	4	-	-	5	-	11	23	-	14	23
Kentucky-----	3	4	-	-	-	1	-	2	5	-	9	6
Tennessee-----	-	5	2	-	-	1	-	3	10	-	2	3
Alabama-----	5	2	-	-	-	3	-	5	1	-	2	14
Mississippi-----	2	1	2	-	-	-	-	1	7	-	1	-
WEST SOUTH CENTRAL-----	6	1	5	-	1	4	2	25	20	-	17	29
Arkansas-----	-	-	-	-	-	-	-	-	5	-	5	3
Louisiana-----	2	-	-	-	-	1	-	13	1	-	2	11
Oklahoma-----	4	-	4	-	-	-	1	-	4	-	-	-
Texas-----	-	1	1	-	1	3	1	12	10	-	10	15
MOUNTAIN-----	1	3	3	-	2	1	-	2	9	-	-	1
Montana-----	-	-	2	-	2	-	-	-	1	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	1	-	-	-
Wyoming-----	1	2	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	1	-	-	-	-	-	2	-	-	-
New Mexico-----	-	1	-	-	-	-	-	1	4	-	-	-
Arizona-----	-	-	-	-	-	1	-	1	1	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	1
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	10	6	2	-	1	-	1	13	8	-	1	1
Washington-----	-	1	2	-	-	-	-	-	-	-	-	-
Oregon-----	2	-	-	-	-	-	-	3	-	-	-	-
California-----	8	5	-	-	1	-	1	10	8	-	1	1
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	1	-	-	-	1	2	8	-	-	1

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

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

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

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	8th week ended Feb. 22, 1958	7th week ended Feb. 15, 1958	Adjusted average, 8th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 8 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	13,013	12,439	11,322	+14.9	102,197	90,859	+12.5
New England----- (14 cities)	815	756	748	+9.0	6,190	6,074	+1.9
Middle Atlantic----- (20 cities)	3,880	3,509	3,343	+16.1	29,971	26,287	+14.0
East North Central----- (19 cities)	2,818	2,690	2,442	+15.4	21,976	19,435	+13.1
West North Central----- (9 cities)	948	940	798	+18.8	7,145	6,256	+14.2
South Atlantic----- (11 cities)	1,186	1,208	941	+26.0	8,908	7,784	+14.4
East South Central----- (8 cities)	574	575	504	+13.9	4,790	4,068	+17.7
West South Central----- (13 cities)	1,043	1,076	866	+20.4	8,860	7,571	+17.0
Mountain----- (8 cities)	273	290	266	+2.6	2,602	2,220	+17.2
Pacific----- (12 cities)	1,476	1,395	1,376	+7.3	11,755	11,164	+5.3

¹Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	8th week ended Feb. 22, 1958	7th week ended Feb. 15, 1958	CUMULATIVE NUMBER FIRST 8 WEEKS		AREA	8th week ended Feb. 22, 1958	7th week ended Feb. 15, 1958	CUMULATIVE NUMBER FIRST 8 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	266	257	2,116	2,103	St. Louis, Mo.-----	316	322	2,389	1,946
Bridgeport, Conn.-----	54	39	342	323	St. Paul, Minn.-----	94	70	658	536
Cambridge, Mass.-----	39	45	259	265	Wichita, Kans.-----	50	52	397	364
Fall River, Mass.-----	34	37	241	207	SOUTH ATLANTIC:				
Hartford, Conn.-----	56	46	436	430	Atlanta, Ga.-----	145	130	983	958
Lowell, Mass.-----	29	26	227	217	Baltimore, Md.-----	275	293	2,300	2,036
Lynn, Mass.-----	19	20	173	195	Charlotte, N. C.-----	26	43	289	286
New Bedford, Mass.-----	27	30	248	228	Jacksonville, Fla.-----	66	90	609	444
New Haven, Conn.-----	53	50	395	391	Miami, Fla.-----	110	85	672	419
Providence, R. I.-----	84	58	588	533	Norfolk, Va.-----	42	65	340	305
Somerville, Mass.-----	15	12	115	115	Richmond, Va.-----	80	79	635	628
Springfield, Mass.-----	37	41	347	361	Savannah, Ga.-----	35	42	311	263
Waterbury, Conn.-----	34	30	243	208	St. Petersburg, Fla.-----	(82)	(75)	(627)	---
Worcester, Mass.-----	68	65	460	498	Tampa, Fla.-----	112	77	619	534
MIDDLE ATLANTIC:					Washington, D. C.-----	262	256	1,830	1,586
Albany, N. Y.-----	57	75	468	401	Wilmington, Del.-----	33	48	320	325
Allentown, Pa.-----	31	30	301	317	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	207	77	1,308	1,234	Birmingham, Ala.-----	99	115	805	653
Camden, N. J.-----	47	51	388	324	Chattanooga, Tenn.-----	45	35	435	409
Elizabeth, N. J.-----	39	38	310	212	Knoxville, Tenn.-----	38	27	263	255
Erie, Pa.-----	34	40	301	294	Louisville, Ky.-----	129	104	1,010	915
Jersey City, N. J.-----	92	71	674	574	Memphis, Tenn.-----	126	141	1,036	847
Newark, N. J.-----	129	77	952	877	Mobile, Ala.-----	50	53	398	278
New York City, N. Y.-----	2,075	1,966	15,656	13,563	Montgomery, Ala.-----	33	39	346	201
Paterson, N. J.-----	54	52	409	310	Nashville, Tenn.-----	54	61	499	510
Philadelphia, Pa.-----	510	483	4,454	3,775	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	221	174	1,725	1,497	Austin, Tex.-----	30	37	283	261
Reading, Pa.-----	20	127	1179	201	Baton Rouge, La.-----	21	31	293	230
Rochester, N. Y.-----	115	97	855	797	Corpus Christi, Tex.-----	118	22	1189	149
Schenectady, N. Y.-----	28	22	223	183	Dallas, Tex.-----	144	117	1,005	928
Scranton, Pa.-----	32	37	266	325	El Paso, Tex.-----	43	40	348	241
Syracuse, N. Y.-----	64	60	532	474	Fort Worth, Tex.-----	150	66	1542	492
Trenton, N. J.-----	63	57	445	386	Houston, Tex.-----	169	193	1,504	1,226
Utica, N. Y.-----	25	41	245	258	Little Rock, Ark.-----	59	55	488	470
Yonkers, N. Y.-----	37	34	280	285	New Orleans, La.-----	193	236	1,763	1,414
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	65	56	617	503
Akron, Ohio-----	67	70	510	445	San Antonio, Tex.-----	101	112	928	824
Canton, Ohio-----	44	22	249	269	Shreveport, La.-----	73	62	444	425
Chicago, Ill.-----	911	879	7,349	6,301	Tulsa, Okla.-----	77	49	456	408
Cincinnati, Ohio-----	129	192	1,409	1,292	MOUNTAIN:				
Cleveland, Ohio-----	260	217	1,837	1,773	Albuquerque, N. Mex.-----	23	36	224	212
Columbus, Ohio-----	140	138	1,043	886	Colorado Springs, Colo.-----	9	15	114	101
Dayton, Ohio-----	88	78	653	608	Denver, Colo.-----	116	105	1,033	953
Detroit, Mich.-----	368	376	2,917	2,720	Ogden, Utah-----	9	14	127	103
Evansville, Ind.-----	58	47	355	243	Phoenix, Ariz.-----	44	33	415	258
Flint, Mich.-----	40	46	336	310	Pueblo, Colo.-----	10	16	107	101
Fort Wayne, Ind.-----	35	48	324	287	Salt Lake City, Utah-----	42	49	385	336
Gary, Ind.-----	37	34	298	239	Tucson, Ariz.-----	20	22	197	156
Grand Rapids, Mich.-----	57	48	394	321	PACIFIC:				
Indianapolis, Ind.-----	147	131	1,052	990	Berkeley, Calif.-----	38	14	173	171
Madison, Wis.-----	(41)	(25)	---	(253)	Fresno, Calif.-----	(42)	(29)	(306)	---
Milwaukee, Wis.-----	179	130	1,285	1,042	Glendale, Calif.-----	(39)	(36)	(291)	---
Rockford, Ill.-----	(33)	(41)	(247)	(185)	Long Beach, Calif.-----	67	51	499	466
South Bend, Ind.-----	39	32	251	200	Los Angeles, Calif.-----	566	501	4,328	4,036
Toledo, Ohio-----	125	103	975	784	Oakland, Calif.-----	91	89	824	851
Youngstown, Ohio-----	45	62	449	487	Passadena, Calif.-----	30	40	291	324
WEST NORTH CENTRAL:					Portland, Oreg.-----	88	117	844	802
Des Moines, Iowa-----	54	51	490	441	Sacramento, Calif.-----	66	48	455	437
Duluth, Minn.-----	23	26	202	229	San Diego, Calif.-----	71	85	694	703
Kansas City, Kans.-----	41	32	255	254	San Francisco, Calif.-----	213	202	1,743	1,624
Kansas City, Mo.-----	147	150	1,090	914	San Jose, Calif.-----	(25)	(23)	(188)	---
Lincoln, Nebr.-----	(29)	(20)	(224)	---	Seattle, Wash.-----	167	151	1,173	1,049
Minneapolis, Minn.-----	147	155	1,081	1,001	Spokane, Wash.-----	43	54	406	374
Omaha, Nebr.-----	76	82	583	571	Tacoma, Wash.-----	36	43	325	327
					Honolulu, Hawaii-----	(33)	(46)	(321)	(326)

¹Estimated.

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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