

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 March 7, 1958

Washington 25, D. C.

Vol. 7, No. 9

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 1, 1958

During the 6 months since the beginning of the current disease year, September 1, 1957, there have been 1,534 cases of meningococcal infection reported in comparison with 1,227 cases reported during the same period of 1956-57, an increase of 25 percent. The increase in incidence has occurred in all parts of the country since 33 States and every geographic division but one, the Mountain, have reported more cases during the current disease year.

In recent years there appears to have been an increase in the case fatality rate from meningococcal infections. On the basis of reported cases and deaths in 1954, the case fatality rate was 23 percent; in 1955 it was 26 percent; and in 1956 it was 28 percent. On the basis of provisional data, the case fatality rate in 1957 was about 30 percent.

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from influenza and pneumonia in 108 cities increased from 764 for the week ended February 22 to 847 for the week ended March 1. The latter number is only 40 less than the number for the peak week in November. For the current week, the New England, Mountain, and Pacific groups of cities were the only ones reporting less than expected numbers. A few cities have reported more deaths from this cause in recent weeks than they reported during the peak period in November 1957. Such cities are located in various sections of the country.

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	9th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 1, 1958	Ended Mar. 2, 1957	Median 1953-57	First 9 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	-	5	5	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	13	20	22	106	127	196	(1)	(1)	(1)	(1)
Diphtheria-----055	21	23	33	166	191	380	938	940	1,684	July 1
Encephalitis, infectious-----082	21	27	26	175	167	173	1,473	1,733	1,508	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	274	426	596	23,077	3,551	5,683	26,882	8,750	12,120	Sept. 1
Malaria-----110-117	2	1	4	10	14	27	(1)	(1)	(1)	(1)
Measles-----085	20,966	16,673	17,852	109,873	108,568	101,110	142,776	145,777	132,451	Sept. 1
Meningococcal infections-----057	78	54	105	577	496	846	1,534	1,227	1,868	Sept. 1
Meningitis, other-----340	65	51	---	415	292	---	---	---	---	---
Polio myelitis-----080	14	36	88	166	394	898	5,534	14,742	35,575	Apr. 1
Paralytic-----080.0,080.1	11	14	---	95	215	---	1,979	6,341	---	Apr. 1
Nonparalytic-----080.2	3	14	---	52	111	---	2,691	5,719	---	Apr. 1
Unspecified-----080.3	-	8	---	19	68	---	864	2,682	---	Apr. 1
Psittacosis-----096.2	2	3	5	17	41	41	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	1	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	13	26	26	128	183	224	1,148	1,630	2,110	Apr. 1
Typhus fever, endemic-----101	1	2	3	8	22	22	97	108	159	Apr. 1
Rabies in animals-----	90	132	137	811	921	1,067	1,626	1,885	2,432	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes revised report from Ohio for week ended February 15.

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

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EPIDEMIOLOGICAL REPORTS—Continued

The number of deaths from all causes in 114 cities increased to 13,422 for the week ended March 1, which is 2.8 percent above the total for the previous week and 19.2 percent above the adjusted average (11,256).

Dr. Harry Gibson, Acting Commissioner of Health, Alaska, stated in a report dated February 25 that a widespread outbreak of influenza-like illness has been occurring throughout south-east Alaska, from Yakutat south to Ketchikan. The illness is reported to be prostrating with high attack rates but low mortality.

A report of the closure of schools for 2 days because of an acute respiratory disease outbreak in a community located in south central Florida has been received. The type of illness has not been identified by laboratory tests. The New Jersey State Department of Health reports the occurrence of a mild upper respiratory illness in a college where there was an epidemic of influenza last fall.

The Ohio Department of Health reports confirmation by serologic tests of an outbreak of influenza in an institution in the south central part of the State. The outbreak occurred early in February. Confirmation by isolation of an Asian strain of influenza virus from throat washings was made in an outbreak in a county home in another part of the State. A sporadic case in northern Ohio was confirmed by isolation of virus. Cases continue to be reported in greater numbers than last year by physicians.

Psittacosis

Information has been received from Dr. I. J. Tartakow, Nassau County (New York) Health Department, about a case of psittacosis in a 25-year-old man who worked as a floor waxer in a pet shop. The man became ill with fever, malaise, cough, and signs of pneumonia at the right lung base 10 days after last working in the pet shop where he had dry swept and waxed the floor about once a week for a month. He had a positive complement fixation test for psittacosis. During the period of his employment the pet shop had received 2 shipments of parakeets. In the first lot were 50 birds of a total shipment of 215 birds. Of these, 3 or 4 died a few days after arrival. The second lot had 25 birds from a shipment of 105 with no reported deaths. All of the parakeets were purchased from a firm in Texas.

The California State Department of Public Health has reported a case of psittacosis in a housewife who over a period of 12 months was exposed to the psittacine birds of a neighbor. In early December 1957, the housewife developed a "chest cold" characterized by fever and thick yellow sputum. She

continued to suffer from this mild illness with productive cough for over a month. During this period the titers of serologic tests for psittacosis rose from 1:8 to 1:128. A chest X-ray on December 9 revealed bronchopneumonia of the anterior segment of the left upper lobe with enlargement of hilar gland shadows. Chest X-ray on January 3 showed a new area of infiltration lateral to the original pneumonic area, which had resolved. Treatment with tetracycline was begun about a month after symptoms started.

Staphylococcal Food Poisoning

Dr. Mason Romaine, Virginia Department of Health, has reported an outbreak of staphylococcal food poisoning among 16 persons 3 to 5 hours after eating sliced ham in an industrial cafeteria. Onset of symptoms was sudden and violent. The symptoms consisted of unexpected vomiting, cramps, diarrhea, fever, dizziness and prostration. The illness lasted from 24 to 48 hours. Of those affected 6 were hospitalized. The ham had been served on the 2 days preceding the outbreak without ill effect, first as sliced ham and then in ham cakes. On the day before the outbreak the ham had been left in a warmer for several hours before refrigerating. Coagulase-positive, non-hemolytic *Staphylococcus aureus* was obtained from laboratory culture of the ham.

Diphtheria

The Missouri Department of Public Health and Welfare has reported the results of an investigation of a confirmed diphtheria death in an 11-year-old child. The mother and 4 siblings still had positive throat cultures following clinical recovery from an illness lasting about 2 weeks and characterized by fever, sore throat, and malaise. Only one of the ill children had been previously immunized. The father and another immunized child escaped infection.

Gastro-enteritis

Information has also been received from the Missouri Department of Public Health and Welfare of a sudden outbreak of vomiting and diarrhea lasting 1 to 2 days in a town with a population of about 1,500. The attack rate, based on a sample of 200 people, was 31 percent in 4 days. There were no significant variations in age-specific rates, and no common source could be elicited. Cases had occurred in the surrounding area but with lower concentration.

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 MARCH 2, 1957, AND MARCH 1, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		9th week		Cumulative first 9 weeks		082		9th week		Cumulative first 9 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	13	20	21	23	166	191	21	27	274	426	3,077	3,551
NEW ENGLAND-----	-	-	-	1	4	4	-	1	21	26	104	217
Maine-----	-	-	-	-	-	1	-	-	-	11	9	64
New Hampshire-----	-	-	-	-	-	-	-	-	1	1	1	4
Vermont-----	-	-	-	-	-	-	-	-	-	2	2	42
Massachusetts-----	-	-	1	4	3	-	1	14	5	56	62	
Rhode Island-----	-	-	-	-	-	-	-	3	2	15	20	
Connecticut-----	-	-	-	-	-	-	-	3	5	21	25	
MIDDLE ATLANTIC-----	1	-	1	1	17	8	5	7	37	55	321	448
New York-----	1	-	-	1	10	4	5	6	24	28	186	226
New Jersey-----	-	-	-	-	1	2	-	1	6	12	41	79
Pennsylvania-----	-	-	1	-	6	2	-	-	7	15	94	143
EAST NORTH CENTRAL-----	3	4	-	2	6	14	4	5	43	81	479	687
Ohio-----	-	1	-	-	2	3	-	1	7	24	143	187
Indiana-----	-	-	-	1	2	1	-	-	7	10	51	62
Illinois-----	2	3	-	-	-	-	2	1	9	26	101	164
Michigan-----	1	-	-	1	2	10	2	3	14	16	161	204
Wisconsin-----	-	-	-	-	-	-	-	-	6	5	23	70
WEST NORTH CENTRAL-----	5	10	7	3	13	24	-	1	12	28	199	254
Minnesota-----	2	2	-	3	-	17	-	-	3	11	22	88
Iowa-----	2	2	-	-	2	1	-	-	2	3	33	52
Missouri-----	-	1	7	-	7	-	-	-	4	9	33	51
North Dakota-----	-	-	-	1	-	-	-	1	2	1	32	46
South Dakota-----	-	1	-	-	-	4	-	-	-	4	1	9
Nebraska-----	-	1	-	-	3	1	-	-	1	-	13	4
Kansas-----	1	3	-	-	-	1	-	-	-	-	65	4
SOUTH ATLANTIC-----	-	1	7	11	48	57	4	5	17	23	215	234
Delaware-----	-	-	-	-	-	-	-	-	-	1	4	2
Maryland-----	-	-	-	-	1	1	1	-	-	3	22	23
District of Columbia-----	-	-	-	-	-	-	-	1	2	-	4	7
Virginia-----	-	-	2	-	7	-	1	1	4	12	60	94
West Virginia-----	-	-	-	1	1	1	1	-	2	2	28	20
North Carolina-----	-	-	-	2	8	10	-	-	2	1	15	20
South Carolina-----	-	-	-	-	7	10	-	-	1	2	7	7
Georgia-----	-	-	2	6	14	16	-	1	2	2	26	31
Florida-----	-	1	3	3	10	19	1	2	4	-	49	30
EAST SOUTH CENTRAL-----	2	2	-	1	13	30	1	4	26	60	258	560
Kentucky-----	-	-	-	-	1	8	-	1	15	14	132	216
Tennessee-----	2	2	-	1	5	3	-	1	6	34	76	247
Alabama-----	-	-	-	-	5	8	1	-	4	8	39	54
Mississippi-----	-	-	-	-	2	11	-	2	1	4	11	43
WEST SOUTH CENTRAL-----	-	1	4	4	38	42	-	-	33	39	220	215
Arkansas-----	-	-	2	-	6	3	-	-	2	5	16	27
Louisiana-----	-	1	-	-	3	-	-	-	-	2	4	14
Oklahoma-----	-	-	-	1	11	9	-	-	3	8	36	29
Texas-----	-	-	2	3	18	30	-	-	28	24	164	145
MOUNTAIN-----	1	2	2	-	25	7	-	-	40	44	774	307
Montana-----	-	-	-	-	12	2	-	-	9	3	74	28
Idaho-----	-	-	-	-	1	1	-	-	-	8	45	25
Wyoming-----	-	-	-	-	2	1	-	-	-	1	4	7
Colorado-----	-	1	-	-	5	-	-	-	6	7	35	55
New Mexico-----	-	-	2	-	4	3	-	-	9	15	94	90
Arizona-----	-	-	-	-	1	-	-	-	8	9	440	67
Utah-----	-	1	-	-	-	-	-	-	6	-	39	15
Nevada-----	1	-	-	-	-	-	-	-	1	1	43	20
PACIFIC-----	1	-	-	-	2	5	7	4	45	70	507	629
Washington-----	-	-	-	-	-	-	-	-	16	13	111	106
Oregon-----	-	-	-	-	1	1	-	-	4	13	49	139
California-----	1	-	-	-	1	4	7	4	25	44	347	384
Alaska-----	-	-	-	-	-	-	-	-	-	8	42	21
Hawaii-----	-	-	-	-	-	-	-	-	1	4	11	7
Puerto Rico-----	-	-	1	-	9	4	-	-	-	2	29	20

¹Includes 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 MARCH 2, 1957, AND MARCH 1, 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 ²				Paralytic		Nonparalytic		110-117		085	
	9th week		Cumulative first 9 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	14	36	166	394	11	14	3	14	2	1	20,966	16,673
NEW ENGLAND-----	1	-	3	3	-	-	1	-	1	1	2,272	545
Maine-----	-	-	2	1	-	-	-	-	-	-	79	186
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	124	2
Vermont-----	-	-	-	-	-	-	-	-	-	-	69	64
Massachusetts-----	1	-	1	-	-	-	1	-	-	1	1,293	113
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	86	13
Connecticut-----	-	-	-	2	-	-	-	-	1	-	621	165
MIDDLE ATLANTIC-----	1	3	10	14	1	1	-	-	1	-	3,931	2,205
New York-----	1	1	8	10	1	1	-	-	-	-	2,655	794
New Jersey-----	-	-	2	2	-	-	-	-	-	-	623	979
Pennsylvania-----	-	2	-	2	-	-	-	-	1	-	653	432
EAST NORTH CENTRAL-----	1	7	14	48	1	2	-	1	-	-	3,697	2,515
Ohio-----	-	1	2	10	-	-	-	-	-	-	225	261
Indiana-----	-	3	1	10	-	2	-	-	-	-	878	378
Illinois-----	1	-	3	7	1	-	-	-	-	-	464	376
Michigan-----	-	1	6	15	-	-	-	1	-	-	405	713
Wisconsin-----	-	2	2	6	-	-	-	-	-	-	1,725	787
WEST NORTH CENTRAL-----	-	7	4	39	-	2	-	4	-	-	251	920
Minnesota-----	-	-	1	1	-	-	-	-	-	-	35	360
Iowa-----	-	-	1	3	-	-	-	-	-	-	72	141
Missouri-----	-	-	1	11	-	-	-	-	-	-	30	242
North Dakota-----	-	-	-	-	-	-	-	-	-	-	86	128
South Dakota-----	-	2	1	2	-	-	-	2	-	-	-	47
Nebraska-----	-	2	-	13	-	-	-	1	-	-	15	2
Kansas-----	-	3	-	9	-	2	-	1	-	-	13	-
SOUTH ATLANTIC-----	3	1	50	67	3	-	-	1	-	-	2,453	928
Delaware-----	-	-	-	-	-	-	-	-	-	-	32	18
Maryland-----	-	-	-	-	-	-	-	-	-	-	378	15
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	99	12
Virginia-----	-	-	1	4	-	-	-	-	-	-	622	179
West Virginia-----	2	-	3	3	2	-	-	-	-	-	430	67
North Carolina-----	-	-	18	8	-	-	-	-	-	-	203	81
South Carolina-----	1	1	2	20	1	-	-	1	-	-	378	190
Georgia-----	-	-	4	9	-	-	-	-	-	-	141	315
Florida-----	-	-	22	23	-	-	-	-	-	-	170	51
EAST SOUTH CENTRAL-----	1	2	19	25	-	1	1	1	-	-	2,424	1,692
Kentucky-----	1	-	12	2	-	-	1	-	-	-	1,163	678
Tennessee-----	-	-	2	6	-	-	-	-	-	-	1,028	670
Alabama-----	-	1	3	6	-	-	-	1	-	-	159	262
Mississippi-----	-	1	2	11	-	1	-	-	-	-	74	82
WEST SOUTH CENTRAL-----	-	8	20	81	-	5	-	3	-	-	2,940	2,114
Arkansas-----	-	-	2	2	-	-	-	-	-	-	78	37
Louisiana-----	-	2	6	12	-	1	-	1	-	-	16	7
Oklahoma-----	-	1	-	5	-	1	-	-	-	-	169	65
Texas-----	-	5	12	62	-	3	-	2	-	-	2,677	2,005
MOUNTAIN-----	-	3	12	32	-	1	-	1	-	-	1,065	1,695
Montana-----	-	-	-	2	-	-	-	-	-	-	171	57
Idaho-----	-	-	-	1	-	-	-	-	-	-	195	25
Wyoming-----	-	1	1	1	-	1	-	-	-	-	18	1
Colorado-----	-	-	-	5	-	-	-	-	-	-	68	82
New Mexico-----	-	-	8	3	-	-	-	-	-	-	280	336
Arizona-----	-	2	2	8	-	-	-	1	-	-	294	227
Utah-----	-	-	1	10	-	-	-	-	-	-	35	934
Nevada-----	-	-	-	2	-	-	-	-	-	-	4	33
PACIFIC-----	7	5	34	85	6	2	1	3	-	-	1,933	4,059
Washington-----	-	-	-	1	-	-	-	-	-	-	448	807
Oregon-----	3	1	5	8	3	-	-	1	-	-	393	274
California-----	4	4	29	76	3	2	1	2	-	-	1,092	2,978
Alaska-----	-	-	-	1	-	-	-	-	-	-	20	16
Hawaii-----	-	-	1	2	-	-	-	-	-	-	7	290
Puerto Rico-----	1	-	17	4	1	-	-	-	-	-	38	75

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

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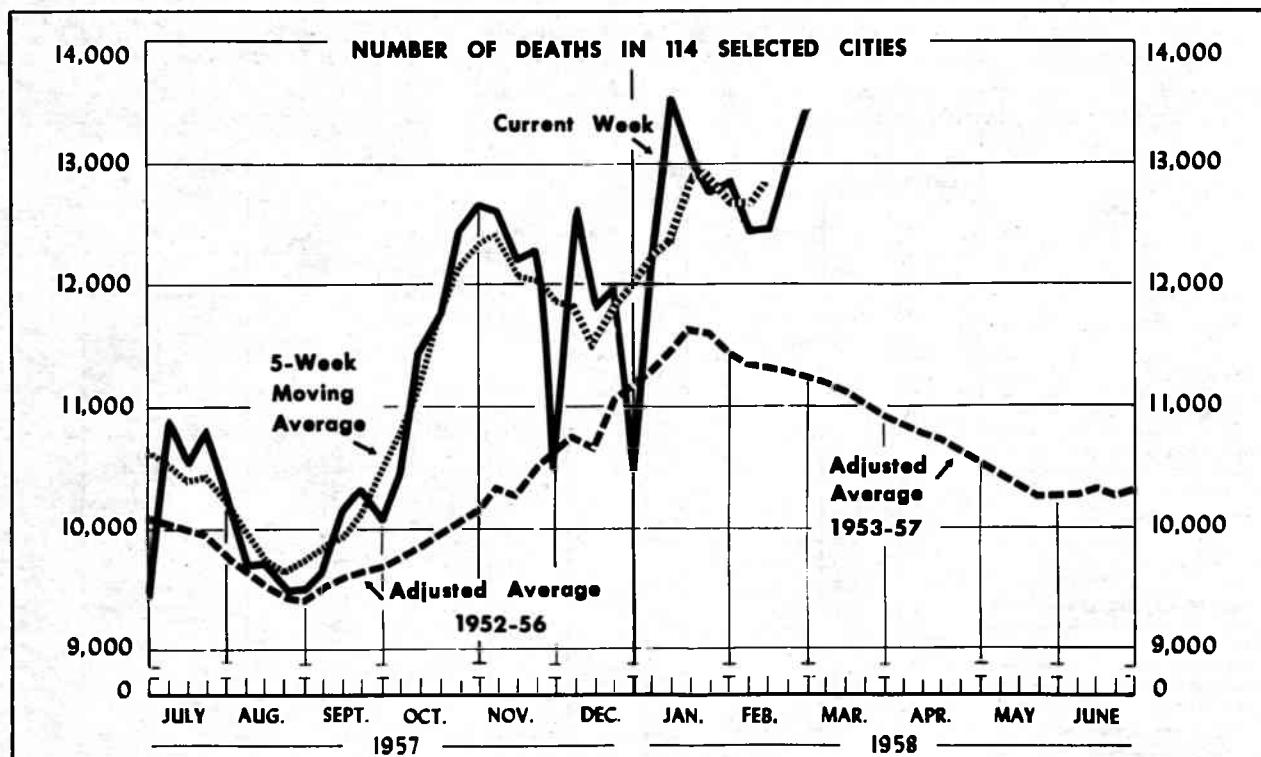
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 2, 1957, AND MARCH 1, 1958—Continued

(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	
	057		340	096.2		9th week		Cumulative first 9 weeks		101		
	1956	1957	1958	1956	1957	1956	1957	1956	1957	1956	1956	1957
CONT. UNITED STATES-----	78	54	65	2	3	13	26	128	183	1	90	132
NEW ENGLAND-----	-	4	3	-	1	-	-	1	7	1	-	-
Maine-----	-	1	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	2	1	-	-	-	-	1	2	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	-	2	-	-	-
Connecticut-----	-	1	-	-	1	-	-	-	2	1	-	-
MIDDLE ATLANTIC-----	6	8	-	1	1	1	2	15	23	-	4	1
New York-----	-	4	-	-	1	-	-	3	8	-	1	1
New Jersey-----	4	1	-	-	-	1	1	6	7	-	-	-
Pennsylvania-----	2	3	-	1	-	-	1	6	8	-	3	-
EAST NORTH CENTRAL-----	21	13	22	1	-	2	3	14	24	-	16	14
Ohio-----	3	2	-	-	-	-	1	3	13	-	-	6
Indiana-----	6	-	7	-	-	-	-	4	3	-	5	3
Illinois-----	5	4	15	-	-	-	1	-	2	-	-	1
Michigan-----	4	6	-	-	-	1	1	3	5	-	-	2
Wisconsin-----	3	1	-	1	-	1	-	4	1	-	11	2
WEST NORTH CENTRAL-----	5	1	1	-	-	1	1	19	16	-	16	25
Minnesota-----	3	-	-	-	-	-	-	2	2	-	4	6
Iowa-----	-	-	1	-	-	-	-	4	4	-	8	11
Missouri-----	1	1	-	-	-	1	-	10	7	-	1	8
North Dakota-----	-	-	-	-	-	-	-	-	-	-	1	-
South Dakota-----	-	-	-	-	-	-	1	-	2	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	2	-
Kansas-----	1	-	-	-	-	-	-	2	1	-	-	-
SOUTH ATLANTIC-----	19	13	20	-	-	-	5	19	38	-	19	31
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	2	2	-	-	-	-	1	1	1	-	-	-
District of Columbia-----	-	1	10	-	-	-	2	1	2	-	-	-
Virginia-----	4	1	6	-	-	-	-	3	8	-	11	7
West Virginia-----	2	1	-	-	-	-	1	1	7	-	2	5
North Carolina-----	3	3	-	-	-	-	-	9	6	-	-	3
South Carolina-----	-	1	-	-	-	-	-	1	2	-	3	6
Georgia-----	3	2	2	-	-	-	-	-	4	-	1	8
Florida-----	5	2	2	-	-	-	1	3	8	-	2	2
EAST SOUTH CENTRAL-----	11	2	7	-	-	2	5	13	28	-	18	22
Kentucky-----	3	-	1	-	-	2	-	4	5	-	8	13
Tennessee-----	3	-	1	-	-	-	2	3	12	-	5	1
Alabama-----	3	2	-	-	-	-	1	5	2	-	5	7
Mississippi-----	2	-	5	-	-	-	2	1	9	-	-	1
WEST SOUTH CENTRAL-----	7	3	8	-	-	3	5	28	25	-	12	37
Arkansas-----	1	-	-	-	-	-	-	-	5	-	2	5
Louisiana-----	5	1	-	-	-	1	3	14	4	-	-	15
Oklahoma-----	-	1	2	-	-	-	1	-	5	-	1	-
Texas-----	1	1	6	-	-	2	1	14	11	-	9	17
MOUNTAIN-----	4	3	2	-	-	2	2	4	11	-	1	1
Montana-----	-	1	-	-	-	-	-	-	1	-	-	-
Idaho-----	-	-	-	-	-	2	-	2	1	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico-----	2	-	1	-	-	-	2	1	6	-	-	1
Arizona-----	-	2	1	-	-	-	-	1	1	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	1	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	5	7	2	-	1	2	3	15	11	-	4	1
Washington-----	1	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	2	-	-	-	1	3	1	-	-	-
California-----	4	5	-	-	1	2	2	12	10	-	4	1
Alaska-----	1	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	2	-	-	-	-	2	8	-	-	-

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	9th week ended Mar. 1, 1958	8th week ended Feb. 22, 1958	Adjusted average, 9th week- 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 9 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	13,422	13,059	11,256	+19.2	115,663	102,616	+12.7
New England----- (14 cities)	879	815	743	+18.3	7,069	6,909	+2.3
Middle Atlantic----- (20 cities)	3,925	3,880	3,349	+17.2	33,894	29,701	+14.1
East North Central----- (19 cities)	2,891	2,828	2,418	+19.6	24,877	21,968	+13.2
West North Central----- (9 cities)	972	948	789	+23.2	8,117	7,167	+13.3
South Atlantic----- (11 cities)	1,305	1,186	928	+40.6	10,213	8,735	+16.9
East South Central----- (8 cities)	678	574	498	+36.1	5,468	4,505	+21.4
West South Central----- (13 cities)	1,045	1,079	856	+22.1	9,941	8,489	+17.1
Mountain----- (8 cities)	304	273	264	+15.2	2,906	2,493	+16.6
Pacific----- (12 cities)	1,423	1,476	1,362	+3.0	13,178	12,649	+4.2

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	9th week ended Mar. 1, 1958	8th week ended Feb. 22, 1958	CUMULATIVE NUMBER FIRST 9 WEEKS	
			1958	1957
NEW ENGLAND:				
Boston, Mass.-----	310	266	2,426	2,378
Bridgeport, Conn.-----	63	54	405	359
Cambridge, Mass.-----	34	39	293	298
Fall River, Mass.-----	30	34	271	248
Hartford, Conn.-----	69	56	505	498
Lowell, Mass.-----	29	29	256	245
Lynn, Mass.-----	20	19	193	215
New Bedford, Mass.-----	18	27	266	275
New Haven, Conn.-----	64	53	459	451
Providence, R. I.-----	72	84	660	609
Somerville, Mass.-----	17	15	132	131
Springfield, Mass.-----	43	37	390	409
Waterbury, Conn.-----	34	34	277	228
Worcester, Mass.-----	76	68	536	565
MIDDLE ATLANTIC:				
Albany, N. Y.-----	69	57	537	471
Allentown, Pa.-----	34	31	335	353
Buffalo, N. Y.-----	231	207	1,539	1,367
Camden, N. J.-----	55	47	443	375
Elizabeth, N. J.-----	31	39	341	242
Erie, Pa.-----	43	34	344	333
Jersey City, N. J.-----	91	92	765	658
Newark, N. J.-----	99	129	1,051	1,005
New York City, N. Y.-----	1,915	2,075	17,571	15,244
Paterson, N. J.-----	64	54	473	361
Philadelphia, Pa.-----	635	510	5,089	4,274
Pittsburgh, Pa.-----	205	221	1,930	1,714
Reading, Pa.-----	28	20	205	230
Rochester, N. Y.-----	140	115	995	905
Schenectady, N. Y.-----	25	28	248	209
Scranton, Pa.-----	53	32	319	368
Syracuse, N. Y.-----	63	64	595	548
Trenton, N. J.-----	76	63	521	446
Utica, N. Y.-----	28	25	273	290
Yonkers, N. Y.-----	40	37	320	308
EAST NORTH CENTRAL:				
Akron, Ohio-----	72	67	582	496
Canton, Ohio-----	45	44	294	295
Chicago, Ill.-----	896	911	8,245	7,105
Cincinnati, Ohio-----	227	129	1,636	1,463
Cleveland, Ohio-----	278	260	2,115	1,981
Columbus, Ohio-----	120	140	1,163	1,034
Dayton, Ohio-----	100	98	763	698
Detroit, Mich.-----	392	368	3,309	3,059
Evansville, Ind.-----	38	58	393	276
Flint, Mich.-----	41	40	377	348
Fort Wayne, Ind.-----	50	35	374	320
Gary, Ind.-----	29	37	327	275
Grand Rapids, Mich.-----	52	57	446	371
Indianapolis, Ind.-----	150	147	1,202	1,133
Madison, Wis.-----	(30)	(41)	---	(284)
Milwaukee, Wis.-----	169	179	1,454	1,199
Peoria, Ill.-----	30	49	320	262
Rockford, Ill.-----	(31)	(33)	(278)	(214)
South Bend, Ind.-----	28	39	279	225
Toledo, Ohio-----	118	125	1,093	879
Youngstown, Ohio-----	56	45	505	549
WEST NORTH CENTRAL:				
Des Moines, Iowa-----	52	54	542	490
Duluth, Minn.-----	24	23	226	259
Kansas City, Kans.-----	30	41	285	286
Kansas City, Mo.-----	138	147	1,228	1,049
Lincoln, Nebr.-----	(21)	(29)	(245)	---
Minneapolis, Minn.-----	146	147	1,227	1,164
Omaha, Nebr.-----	74	76	657	652
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.-----	368	316	2,757	2,236
St. Paul, Minn.-----	88	94	746	620
Wichita, Kans.-----	52	50	449	411
SOUTH ATLANTIC:				
Atlanta, Ga.-----	134	145	1,117	1,065
Baltimore, Md.-----	345	275	2,645	2,242
Charlotte, N. C.-----	46	26	335	333
Jacksonville, Fla.-----	71	66	680	513
Miami, Fla.-----	100	110	772	475
Norfolk, Va.-----	49	42	389	348
Richmond, Va.-----	65	80	700	708
Savannah, Ga.-----	45	35	356	298
St. Petersburg, Fla.-----	(116)	(82)	(743)	---
Tampa, Fla.-----	123	112	742	618
Washington, D. C.-----	273	262	2,103	1,771
Wilmington, Del.-----	54	33	374	364
EAST SOUTH CENTRAL:				
Birmingham, Ala.-----	106	99	911	717
Chattanooga, Tenn.-----	65	45	498	455
Knoxville, Tenn.-----	32	38	295	276
Louisville, Ky.-----	143	129	1,153	996
Memphis, Tenn.-----	158	126	1,194	961
Mobile, Ala.-----	45	50	443	301
Montgomery, Ala.-----	47	33	393	229
Nashville, Tenn.-----	82	54	581	570
WEST SOUTH CENTRAL:				
Austin, Tex.-----	42	30	325	294
Baton Rouge, La.-----	32	21	325	256
Corpus Christi, Tex.-----	29	26	226	167
Dallas, Tex.-----	160	144	1,165	1,019
El Paso, Tex.-----	42	43	390	265
Fort Worth, Tex.-----	69	78	639	577
Houston, Tex.-----	191	169	1,695	1,402
Little Rock, Ark.-----	35	59	523	519
New Orleans, La.-----	209	193	1,972	1,587
Oklahoma City, Okla.-----	83	65	700	581
San Antonio, Tex.-----	79	101	1,007	920
Shreveport, La.-----	33	73	477	466
Tulsa, Okla.-----	41	77	497	436
MOUNTAIN:				
Albuquerque, N. Mex.-----	26	23	250	231
Colorado Springs, Colo.-----	11	9	125	126
Denver, Colo.-----	127	116	1,160	1,061
Ogden, Utah-----	11	9	138	116
Phoenix, Ariz.-----	49	44	464	287
Pueblo, Colo.-----	6	10	113	113
Salt Lake City, Utah-----	48	42	433	376
Tucson, Ariz.-----	26	20	223	183
PACIFIC:				
Berkeley, Calif.-----	21	38	194	188
Fresno, Calif.-----	(37)	(42)	(343)	---
Glendale, Calif.-----	(40)	(39)	(331)	---
Long Beach, Calif.-----	55	67	554	525
Los Angeles, Calif.-----	530	566	4,858	4,616
Oakland, Calif.-----	105	91	929	941
Pasadena, Calif.-----	50	30	341	362
Portland, Oreg.-----	89	88	933	893
Sacramento, Calif.-----	52	66	507	497
San Diego, Calif.-----	77	71	771	792
San Francisco, Calif.-----	210	213	1,953	1,839
San Jose, Calif.-----	(21)	(25)	(209)	---
Seattle, Wash.-----	142	167	1,315	1,211
Spokane, Wash.-----	47	43	453	424
Tacoma, Wash.-----	45	36	370	361
Honolulu, Hawaii-----	(35)	(33)	(356)	(385)

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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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