

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

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Vol. 7, No. 12

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 22, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from all causes reported by 114 large cities was 11,523 for the week ended March 22, about 5 percent less than the previous week. It was the first time in 8 weeks that the total number was within the range of expected values, although the number for the cities in the New England Division was above the number expected. There was about a 7-percent decrease in the number of deaths from influenza and pneumonia, 599 being reported as compared with 642 for the previous week.

Dr. H. M. Janney, Medical Director, Federal Bureau of Prisons, has supplied information on an epidemic of influenza in a penal institution that has a population of about 2,600 men.

Between March 6 and 10, there was a sudden increase in respiratory illnesses in which about 500 men were affected. The peak of the outbreak was reached in about 2 days and subsided in a few days. This is the second outbreak of influenza in this penal institution. The first one occurred in late October and early November. The cases are now being reviewed to determine if there have been any reoccurrences and whether any of the men who received influenza vaccine have been affected. The cases in the present epidemic have been mild, but there were 5 with clinical evidence of bronchopneumonia and 2 with pleurisy without effusion. Some cases had a considerable amount of weakness or general debility following their illness.

The Vermont Department of Health reports the outbreak of influenza in Windham County is now subsiding. The illness was

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	12th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 22, 1958	Ended Mar. 23, 1957	Median 1953-57	First 12 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	-	7	7	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	8	27	27	148	188	277	(1)	(1)	(1)	(1)
Diphtheria-----055	11	28	31	203	254	511	975	1,003	1,825	July 1
Encephalitis, infectious-----082	36	24	22	260	235	242	1,558	1,801	1,578	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	379	370	625	4,090	4,616	7,392	7,895	9,815	13,652	Sept. 1
Malaria-----110-117	-	1	5	11	16	41	(1)	(1)	(1)	(1)
Measles-----085	31,352	19,841	22,467	193,138	165,139	165,139	226,041	202,348	202,348	Sept. 1
Meningococcal infections-----057	66	68	89	784	675	1,154	1,741	1,406	2,176	Sept. 1
Meningitis, other-----080.2	48	29	---	624	394	---	---	---	---	---
Poliomyelitis-----080	14	34	68	204	495	1,090	5,572	14,843	35,862	Apr. 1
Paralytic-----080.0,080.1	6	14	---	114	264	---	1,998	6,390	---	Apr. 1
Nonparalytic-----080.2	5	13	---	63	146	---	2,702	5,754	---	Apr. 1
Unspecified-----080.3	3	7	---	27	85	---	872	2,699	---	Apr. 1
Psittacosis-----096.2	4	2	5	30	53	53	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	1	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	11	22	27	168	236	292	1,188	1,683	2,178	Apr. 1
Typhus fever, endemic-----101	1	1	1	11	23	23	100	109	162	Apr. 1
Rabies in animals-----	102	100	135	1,133	1,232	1,472	1,948	2,196	2,837	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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EPIDEMIOLOGICAL REPORTS—Continued

reported to be severe in many cases. The 87-year-old woman who was reported last week as a fatal case was seen by a physician during the morning of March 17. He stated that she had had a "cold" for about a week and bronchopneumonia for about 12 hours. Oxygen and intensive antibiotic therapy were administered, but the patient died the same day. A typical case of influenza developed in the same household the following day.

The Oregon State Board of Health states that of 15 paired specimens of blood submitted for confirmation of influenza only 1 showed a diagnostic rise in titer against the Asian strain of influenza virus.

The California State Department of Health reports a decrease during the 3 weeks ended March 15 in the percent of blood specimens from persons with influenza-like illness that were positive for type A influenza.

Dr. A. A. Jenkins, Utah State Department of Health, has reported an outbreak of influenza-like disease in a county seat located in the southeastern part of the State. A total of 529 cases were reported from January 1 to March 21, 1958. Paired sera are being obtained for laboratory examination. An "extensive viral-like" disease, thought to be influenza, is also occurring in 2 towns in a county in the southwestern part of Utah. These outbreaks followed a State high school tournament in which people from the 2 towns participated. Schools have been closed because of the epidemic, and according to a statement by a physician not many people have escaped the infection in the 2 towns. Sporadic cases of influenza are being reported in 2 other areas of the State.

Psittacosis

Dr. M. J. Takos, Dade County (Florida) Health Department, has reported a case of psittacosis in a 68-year-old man who raised and sold parakeets. Some of his birds sickened and died about 10 days prior to the onset of his acute upper respiratory symptoms. In addition he complained of marked malaise, myalgia, and extreme tenderness of the scalp; he had a fever of 101° to 102° F. Physical examination revealed an area of moist inspiratory rales at the right lung base, and this was confirmed by an X-ray which showed an area of pneumonitis

in the right lower lobe. The patient improved rapidly on tetracycline therapy. The complement-fixation titer against psittacosis antigen rose in 2 weeks from 1:64 to 1:256.

Trichinosis

Dr. D. S. Fleming, Minnesota Department of Health, has reported an outbreak of trichinosis involving 9 persons who ate homemade pork sausage that was apparently inadequately processed in a locker plant. Dates of onset were between February 2 and March 2. Seventeen persons, including 4 children, were exposed. The children, who probably ate very little of the sausage, had no symptoms. Two persons with indefinite symptoms were not included with the 9 cases. Symptoms consisted of diarrhea, headache, fever, periorbital edema, muscular aches, weakness, and fatigue. Eosinophilia was present as shown by differential counts ranging from 7 to 44 percent. Larvae of Trichinella spiralis were found in the sausage. It is possible that the source of infection in the hogs was rats in a nearby dump.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

Africa.—French Equatorial Africa and French West Africa (Supplement, p.3) and Togo (French) (Supplement, p.6) now require yellow fever vaccination of all arrivals 1 year of age and over. All other information remains the same.

America.—Miquelon and St. Pierre Islands (Supplement, p. 10) now require smallpox vaccination of all arrivals. All other information should be deleted.

Europe.—Bulgaria (Supplement, p. 17) now requires smallpox vaccination of all arrivals except those from European countries and cholera vaccination of arrivals from infected areas.

Oceania.—New Caledonia (Supplement, p. 21) now requires smallpox vaccination of all arrivals. All other information remains the same.

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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 23, 1957, AND MARCH 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)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		12th week		Cumulative first 12 weeks		082		12th week		Cumulative first 12 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONF. UNITED STATES-----	8	27	11	28	203	254	36	24	379	370	4,090	4,616
NEW ENGLAND-----	1	1	-	1	5	6	1	1	19	17	146	260
Maine-----	-	-	-	-	-	1	-	-	3	4	20	80
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	6
Vermont-----	-	-	-	-	-	-	-	-	-	4	4	49
Massachusetts-----	1	-	1	1	4	5	1	-	12	6	71	73
Rhode Island-----	-	-	-	-	-	-	-	-	2	1	19	22
Connecticut-----	-	1	-	-	1	-	-	1	2	2	31	30
MIDDLE ATLANTIC-----	-	4	3	2	21	13	7	5	41	61	430	617
New York-----	-	-	-	2	10	7	4	4	30	38	268	331
New Jersey-----	-	-	-	-	1	4	3	1	3	7	47	98
Pennsylvania-----	-	4	3	-	10	2	-	-	8	16	115	188
EAST NORTH CENTRAL-----	-	6	2	2	11	19	10	3	53	80	644	898
Ohio-----	-	-	-	-	5	4	2	-	23	25	199	245
Indiana-----	-	-	-	1	2	3	-	-	9	15	70	102
Illinois-----	-	6	-	-	-	-	4	-	10	6	136	195
Michigan-----	-	-	2	1	4	11	4	3	9	23	210	259
Wisconsin-----	-	-	-	-	-	1	-	-	2	11	29	97
WEST NORTH CENTRAL-----	5	11	1	1	16	28	4	1	36	22	314	306
Minnesota-----	-	5	-	-	-	18	-	-	3	7	40	101
Iowa-----	5	3	-	-	2	2	-	-	15	10	53	75
Missouri-----	-	-	-	-	9	-	-	-	3	3	54	57
North Dakota-----	-	1	-	1	1	1	1	-	3	-	43	47
South Dakota-----	-	-	-	-	4	-	2	-	-	-	1	12
Nebraska-----	-	-	1	-	4	1	-	1	-	2	14	9
Kansas-----	-	2	-	-	-	2	1	-	12	-	109	5
SOUTH ATLANTIC-----	-	3	2	10	58	80	1	2	52	29	304	328
Delaware-----	-	-	-	-	-	-	-	-	1	-	7	4
Maryland-----	-	-	-	-	1	1	-	-	-	1	27	35
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	4	7
Virginia-----	-	-	1	2	9	2	-	-	12	16	80	128
West Virginia-----	-	-	-	-	2	1	-	-	26	4	64	32
North Carolina-----	-	1	-	1	8	11	-	-	-	3	17	28
South Carolina-----	-	-	-	-	7	15	-	1	5	-	13	10
Georgia-----	-	2	1	-	19	17	1	-	2	3	32	38
Florida-----	-	-	-	7	12	33	-	1	6	2	60	46
EAST SOUTH CENTRAL-----	-	2	-	4	17	37	-	1	45	62	350	703
Kentucky-----	-	2	-	1	1	9	-	1	19	36	178	270
Tennessee-----	-	-	-	-	5	3	-	-	9	18	97	304
Alabama-----	-	-	-	3	8	14	-	-	15	5	57	72
Mississippi-----	-	-	-	-	5	11	-	-	2	3	18	57
WEST SOUTH CENTRAL-----	1	-	3	7	45	57	2	-	33	19	311	293
Arkansas-----	-	-	-	1	6	4	-	-	2	1	19	29
Louisiana-----	-	-	1	-	4	-	-	-	-	2	5	18
Oklahoma-----	-	-	1	1	13	10	2	-	3	-	52	35
Texas-----	1	-	1	5	22	43	-	-	28	16	235	211
MOUNTAIN-----	-	-	-	1	28	9	-	-	39	46	910	418
Montana-----	-	-	-	-	14	2	-	-	6	19	84	49
Idaho-----	-	-	-	-	2	1	-	-	1	-	58	26
Wyoming-----	-	-	-	-	2	1	-	-	-	1	4	10
Colorado-----	-	-	-	-	5	1	-	-	8	3	59	63
New Mexico-----	-	-	-	-	4	3	-	-	6	5	119	134
Arizona-----	-	-	-	1	1	1	-	-	8	15	461	95
Utah-----	-	-	-	-	-	-	-	-	7	3	55	21
Nevada-----	-	-	-	-	-	-	-	-	3	-	70	20
PACIFIC-----	1	-	-	-	2	5	11	11	61	34	681	793
Washington-----	-	-	-	-	-	-	-	-	4	6	135	127
Oregon-----	1	-	-	-	1	1	-	-	12	5	72	171
California-----	-	-	-	-	1	4	11	11	45	23	474	495
Alaska-----	-	-	-	-	-	-	-	-	1	2	53	25
Hawaii-----	-	-	-	-	-	-	-	-	-	5	13	12
Puerto Rico-----	-	-	1	1	15	7	-	-	1	-	37	21

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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 23, 1957, AND MARCH 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	
	12th week		Cumulative first 12 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	14	34	204	495	6	14	5	13	-	1	31,352	19,841
NEW ENGLAND-----	1	-	4	4	-	-	1	-	-	-	2,638	912
Maine-----	-	-	2	1	-	-	-	-	-	-	100	210
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	154	1
Vermont-----	-	-	-	-	-	-	-	-	-	-	71	99
Massachusetts-----	-	-	1	1	-	-	-	-	-	-	1,671	208
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	166	32
Connecticut-----	1	-	1	2	-	-	1	-	-	-	476	362
MIDDLE ATLANTIC-----	-	-	10	18	-	-	-	-	-	-	4,736	2,944
New York-----	-	-	8	12	-	-	-	-	-	-	3,005	1,113
New Jersey-----	-	-	2	2	-	-	-	-	-	-	837	1,118
Pennsylvania-----	-	-	-	4	-	-	-	-	-	-	894	713
EAST NORTH CENTRAL-----	3	3	20	55	1	-	-	3	-	-	6,642	3,482
Ohio-----	-	-	4	10	-	-	-	-	-	-	1,520	341
Indiana-----	-	2	1	13	-	-	-	2	-	-	1,004	448
Illinois-----	1	-	4	7	-	-	-	-	-	-	638	397
Michigan-----	2	-	9	18	1	-	-	-	-	-	1,055	878
Wisconsin-----	-	1	2	7	-	-	-	1	-	-	2,425	1,418
WEST NORTH CENTRAL-----	2	5	7	48	2	-	-	-	-	-	494	1,187
Minnesota-----	-	-	1	2	-	-	-	-	-	-	59	471
Iowa-----	-	-	1	3	-	-	-	-	-	-	156	193
Missouri-----	1	2	2	14	1	-	-	-	-	-	138	326
North Dakota-----	-	-	1	-	-	-	-	-	-	-	74	149
South Dakota-----	-	-	1	2	-	-	-	-	-	-	2	36
Nebraska-----	1	2	1	17	1	-	-	-	-	-	65	9
Kansas-----	-	1	-	10	-	-	-	-	-	-	-	3
SOUTH ATLANTIC-----	1	3	56	80	-	1	-	2	-	-	3,058	976
Delaware-----	-	1	1	1	-	-	-	1	-	-	9	3
Maryland-----	-	-	-	-	-	-	-	-	-	-	154	31
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	79	14
Virginia-----	-	-	1	5	-	-	-	-	-	-	863	271
West Virginia-----	-	-	3	4	-	-	-	-	-	-	669	81
North Carolina-----	-	-	20	10	-	-	-	-	-	-	333	54
South Carolina-----	-	2	2	22	-	1	-	1	-	-	343	140
Georgia-----	-	-	4	11	-	-	-	-	-	-	407	153
Florida-----	1	-	25	27	-	-	-	-	-	-	201	229
EAST SOUTH CENTRAL-----	-	2	20	31	-	1	-	-	-	-	3,469	1,899
Kentucky-----	-	-	12	2	-	-	-	-	-	-	1,222	801
Tennessee-----	-	-	3	8	-	-	-	-	-	-	1,749	601
Alabama-----	-	1	3	7	-	-	-	-	-	-	437	384
Mississippi-----	-	1	2	14	-	1	-	-	-	-	61	113
WEST SOUTH CENTRAL-----	2	9	29	113	1	6	1	3	-	1	6,844	2,551
Arkansas-----	-	-	3	6	-	-	-	-	-	-	169	164
Louisiana-----	-	2	6	20	-	-	-	2	-	-	7	182
Oklahoma-----	-	1	1	7	-	1	-	-	1	-	554	65
Texas-----	2	6	19	80	1	5	1	1	-	-	6,114	2,140
MOUNTAIN-----	1	4	14	40	1	-	-	3	-	-	1,628	2,367
Montana-----	-	-	-	2	-	-	-	-	-	-	236	71
Idaho-----	-	-	-	1	-	-	-	-	-	-	130	111
Wyoming-----	-	-	1	1	-	-	-	-	-	-	20	-
Colorado-----	-	-	-	6	-	-	-	-	-	-	230	136
New Mexico-----	1	-	10	3	1	-	-	-	-	-	481	267
Arizona-----	-	3	2	12	-	-	-	3	-	-	464	323
Utah-----	-	1	1	13	-	-	-	-	-	-	63	1,104
Nevada-----	-	-	-	2	-	-	-	-	-	-	4	355
PACIFIC-----	4	8	44	106	1	6	3	2	-	-	1,843	3,523
Washington-----	-	-	1	1	-	-	-	-	-	-	494	662
Oregon-----	-	2	6	12	-	2	-	-	-	-	276	488
California-----	4	6	37	93	1	4	3	2	-	-	1,073	2,373
Alaska-----	-	-	-	1	-	-	-	-	-	-	36	1
Hawaii-----	-	-	2	2	-	-	-	-	-	-	3	190
Puerto Rico-----	1	-	20	4	1	-	-	-	-	-	131	82

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

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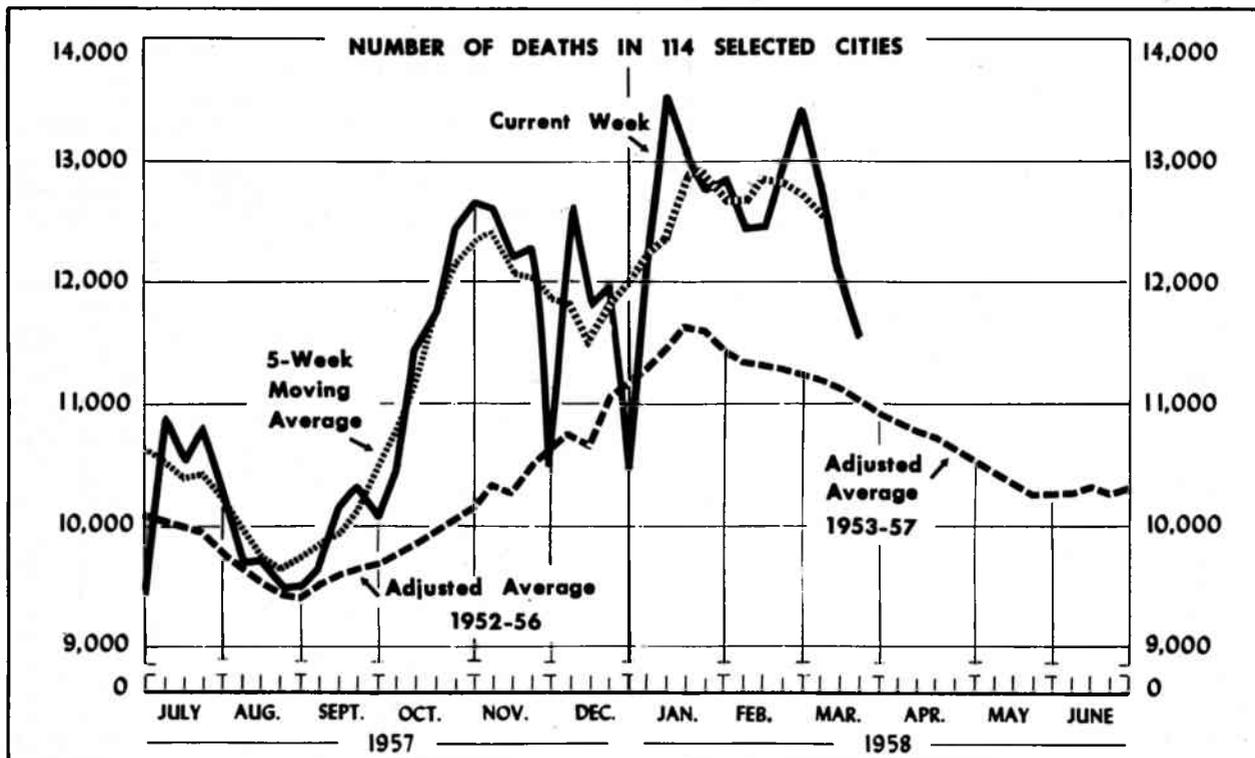
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 23, 1957, AND MARCH 22, 1958—Continued

(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	096.2		12th week		Cumulative first 12 weeks		101		
	057	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	66	68	48	4	2	11	22	168	236	1	102	100
NEW ENGLAND-----	6	4	5	1	-	-	1	1	10	-	-	-
Maine-----	2	1	-	-	-	-	-	-	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	4	2	4	1	-	-	-	1	2	-	-	-
Rhode Island-----	-	-	1	-	-	-	1	-	4	-	-	-
Connecticut-----	-	1	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	3	9	-	-	1	-	3	17	27	-	4	3
New York-----	1	5	-	-	1	-	2	4	10	-	1	3
New Jersey-----	-	1	-	-	-	-	-	6	8	-	-	-
Pennsylvania-----	2	3	-	-	-	-	1	7	9	-	3	-
EAST NORTH CENTRAL-----	20	12	17	1	-	-	-	18	27	-	15	14
Ohio-----	4	1	-	-	-	-	-	6	13	-	10	13
Indiana-----	1	2	7	-	-	-	-	5	6	-	2	-
Illinois-----	7	3	8	-	-	-	-	-	2	-	-	1
Michigan-----	5	6	2	-	-	-	-	3	5	-	-	-
Wisconsin-----	3	-	-	1	-	-	-	4	1	-	3	-
WEST NORTH CENTRAL-----	5	3	-	1	-	-	2	22	22	-	13	24
Minnesota-----	2	-	-	1	-	-	-	2	2	-	5	4
Iowa-----	1	-	-	-	-	-	-	4	5	-	5	14
Missouri-----	2	-	-	-	-	-	2	12	10	-	3	5
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	1	-	-	-	-	-	-	3	-	-	-
Nebraska-----	-	1	-	-	-	-	-	1	-	-	-	1
Kansas-----	-	1	-	-	-	-	-	3	2	-	-	-
SOUTH ATLANTIC-----	12	12	6	1	-	1	7	23	54	-	25	18
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	2	-	-	-	-	2	1	-	-	-
District of Columbia-----	-	1	-	-	-	-	1	1	3	-	-	-
Virginia-----	4	2	3	-	-	-	3	4	12	-	10	9
West Virginia-----	-	-	-	-	-	1	2	2	9	-	3	1
North Carolina-----	1	2	-	-	-	-	-	9	8	-	-	2
South Carolina-----	4	1	-	-	-	-	-	1	2	-	1	1
Georgia-----	1	3	-	-	-	-	1	-	5	-	11	1
Florida-----	2	3	1	1	-	-	-	4	14	-	-	4
EAST SOUTH CENTRAL-----	7	12	7	-	-	2	1	18	36	1	31	8
Kentucky-----	1	2	2	-	-	1	1	5	9	-	21	3
Tennessee-----	2	3	-	-	-	1	-	6	16	1	3	-
Alabama-----	3	7	-	-	-	-	-	6	2	-	6	4
Mississippi-----	1	-	5	-	-	-	-	1	9	-	1	1
WEST SOUTH CENTRAL-----	2	4	7	-	-	7	6	42	36	-	10	28
Arkansas-----	-	-	-	-	-	-	1	-	7	-	2	6
Louisiana-----	1	2	-	-	-	6	1	23	7	-	-	10
Oklahoma-----	-	-	4	-	-	-	1	1	6	-	1	-
Texas-----	1	2	3	-	-	1	3	18	16	-	7	12
MOUNTAIN-----	3	7	5	-	-	-	-	10	11	-	1	1
Montana-----	-	-	-	-	-	-	-	1	1	-	-	-
Idaho-----	-	-	-	-	-	-	-	3	1	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	3	-	-	-	-	-	2	-	-	-
New Mexico-----	-	-	-	-	-	-	-	5	6	-	1	-
Arizona-----	1	7	2	-	-	-	-	1	1	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	8	5	1	-	1	1	2	17	13	-	3	4
Washington-----	-	-	1	-	-	-	-	-	-	-	-	-
Oregon-----	-	1	-	-	-	-	-	4	1	-	-	-
California-----	8	4	-	-	1	1	2	13	12	-	3	4
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	2	-	-	-	1	4	9	-	-	-

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	12th week ended Mar. 22, 1958	11th week ended Mar. 15, 1958	Adjusted average, 12th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 12 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	11,523	12,154	11,040	+4.4	152,140	136,420	+11.5
New England----- (14 cities)	1,782	758	724	+8.0	19,441	9,132	+3.4
Middle Atlantic----- (20 cities)	3,276	3,629	3,299	-0.7	44,660	39,575	+12.8
East North Central----- (19 cities)	2,422	2,556	2,368	+2.3	32,633	29,080	+12.2
West North Central----- (9 cities)	888	843	775	+14.6	10,739	9,541	+12.6
South Atlantic----- (11 cities)	975	1,116	905	+7.7	13,439	11,559	+16.3
East South Central----- (8 cities)	572	610	482	+18.7	7,287	6,015	+21.1
West South Central----- (13 cities)	964	972	842	+14.5	12,901	11,427	+12.9
Mountain----- (8 cities)	301	293	254	+18.5	3,801	3,340	+13.8
Pacific----- (12 cities)	1,343	1,377	1,365	-1.6	17,239	16,751	+2.9

¹Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	12th week ended Mar. 22, 1958	11th week ended Mar. 15, 1958	CUMULATIVE NUMBER FIRST 12 WEEKS		AREA	12th week ended Mar. 22, 1958	11th week ended Mar. 15, 1958	CUMULATIVE NUMBER FIRST 12 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	1257	278	13,239	3,111	St. Louis, Mo.-----	273	251	3,571	2,977
Bridgeport, Conn.-----	44	45	542	484	St. Paul, Minn.-----	90	69	988	813
Cambridge, Mass.-----	30	30	401	390	Wichita, Kans.-----	48	53	585	561
Fall River, Mass.-----	32	29	370	337	SOUTH ATLANTIC:				
Hartford, Conn.-----	69	55	689	652	Atlanta, Ga.-----	118	112	1,484	1,418
Lowell, Mass.-----	44	38	369	339	Baltimore, Md.-----	240	312	3,474	3,005
Lynn, Mass.-----	21	19	260	280	Charlotte, N. C.-----	48	30	446	448
New Bedford, Mass.-----	30	17	343	350	Jacksonville, Fla.-----	58	55	887	701
New Haven, Conn.-----	48	45	609	592	Miami, Fla.-----	79	88	1,038	625
Providence, R. I.-----	66	72	872	798	Norfolk, Va.-----	33	38	486	455
Somerville, Mass.-----	18	11	177	171	Richmond, Va.-----	80	98	959	937
Springfield, Mass.-----	46	50	521	559	Savannah, Ga.-----	30	40	468	377
Waterbury, Conn.-----	23	21	355	322	St. Petersburg, Fla.-----	---	(98)	---	---
Worcester, Mass.-----	54	48	694	747	Tampa, Fla.-----	74	80	971	814
MIDDLE ATLANTIC:					Washington, D. C.-----	180	219	2,736	2,320
Albany, N. Y.-----	55	61	703	644	Wilmington, Del.-----	35	44	490	459
Allentown, Pa.-----	31	29	429	469	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	144	161	2,094	1,869	Birmingham, Ala.-----	110	97	1,242	946
Camden, N. J.-----	52	37	595	502	Chattanooga, Tenn.-----	72	71	684	593
Elizabeth, N. J.-----	25	29	432	350	Knoxville, Tenn.-----	29	34	399	377
Erie, Pa.-----	30	37	450	434	Louisville, Ky.-----	103	113	1,493	1,345
Jersey City, N. J.-----	68	87	1,004	900	Memphis, Tenn.-----	115	139	1,595	1,285
Newark, N. J.-----	84	89	1,300	1,352	Mobile, Ala.-----	41	44	563	413
New York City, N. Y.-----	1,609	1,707	22,742	19,992	Montgomery, Ala.-----	26	34	496	291
Paterson, N. J.-----	27	46	585	482	Nashville, Tenn.-----	76	78	815	765
Philadelphia, Pa.-----	574	705	7,084	5,955	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	213	224	2,605	2,265	Austin, Tex.-----	37	43	446	390
Reading, Pa.-----	23	27	278	300	Baton Rouge, La.-----	17	36	402	337
Rochester, N. Y.-----	101	103	1,320	1,199	Corpus Christi, Tex.-----	25	18	288	237
Schenectady, N. Y.-----	20	16	313	275	Dallas, Tex.-----	130	134	1,586	1,395
Scranton, Pa.-----	35	45	430	486	El Paso, Tex.-----	42	43	506	364
Syracuse, N. Y.-----	55	74	798	717	Fort Worth, Tex.-----	58	62	812	754
Trenton, N. J.-----	63	74	691	602	Houston, Tex.-----	143	170	2,173	1,865
Utica, N. Y.-----	34	35	368	393	Little Rock, Ark.-----	74	30	691	708
Yonkers, N. Y.-----	33	43	439	389	New Orleans, La.-----	203	157	2,513	2,167
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	65	66	896	780
Akron, Ohio-----	46	59	764	664	San Antonio, Tex.-----	81	101	1,298	1,202
Canton, Ohio-----	15	37	371	389	Shreveport, La.-----	41	43	633	595
Chicago, Ill.-----	767	713	10,594	9,344	Tulsa, Okla.-----	48	69	657	633
Cincinnati, Ohio-----	178	232	2,229	1,972	MOUNTAIN:				
Cleveland, Ohio-----	208	229	2,820	2,628	Albuquerque, N. Mex.-----	29	27	340	304
Columbus, Ohio-----	112	115	1,541	1,376	Colorado Springs, Colo.-----	19	15	168	172
Dayton, Ohio-----	83	75	1,014	923	Denver, Colo.-----	118	106	1,501	1,396
Detroit, Mich.-----	318	357	4,329	4,062	Ogden, Utah-----	13	18	181	156
Evansville, Ind.-----	59	34	513	366	Phoenix, Ariz.-----	46	47	603	377
Flint, Mich.-----	28	45	498	463	Pueblo, Colo.-----	12	14	153	162
Fort Wayne, Ind.-----	48	32	497	436	Salt Lake City, Utah-----	40	46	571	522
Gary, Ind.-----	38	34	437	363	Tucson, Ariz.-----	24	20	284	251
Grand Rapids, Mich.-----	43	44	589	491	PACIFIC:				
Indianapolis, Ind.-----	142	142	1,643	1,479	Berkeley, Calif.-----	20	21	259	246
Madison, Wis.-----	---	(45)	---	(393)	Fresno, Calif.-----	(36)	(39)	(470)	---
Milwaukee, Wis.-----	125	161	1,889	1,582	Glendale, Calif.-----	(38)	(46)	(452)	---
Peoria, Ill.-----	40	58	453	355	Long Beach, Calif.-----	35	46	692	703
Rockford, Ill.-----	(26)	(31)	(355)	(292)	Los Angeles, Calif.-----	515	504	6,352	6,094
South Bend, Ind.-----	34	24	366	308	Oakland, Calif.-----	92	94	1,217	1,216
Toledo, Ohio-----	77	104	1,404	1,162	Pasadena, Calif.-----	38	42	454	469
Youngstown, Ohio-----	61	61	682	717	Portland, Oreg.-----	88	84	1,228	1,212
WEST NORTH CENTRAL:					Sacramento, Calif.-----	57	51	668	655
Des Moines, Iowa-----	57	55	702	659	San Diego, Calif.-----	70	100	1,033	1,022
Duluth, Minn.-----	36	35	322	321	San Francisco, Calif.-----	205	204	2,566	2,446
Kansas City, Kans.-----	34	32	384	387	San Jose, Calif.-----	(26)	(29)	(286)	---
Kansas City, Mo.-----	128	125	1,625	1,428	Seattle, Wash.-----	143	126	1,695	1,636
Lincoln, Nebr.-----	(15)	(34)	(323)	---	Spokane, Wash.-----	39	54	589	560
Minneapolis, Minn.-----	143	155	1,667	1,526	Tacoma, Wash.-----	41	51	486	492
Omaha, Nebr.-----	79	68	895	869	Honolulu, Hawaii-----	(42)	(36)	(463)	(510)

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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