

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. 29

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 19, 1958

The 2 cases of malaria reported from California occurred in an East Indian woman and her 11-year-old daughter. A 10-year-old son may possibly be a third case. Investigation is being made. The family arrived in this country in February 1958.

The 10 cases of diphtheria reported this week in Minnesota make a total of 21 cases since June 1, and 26 cases for the year. Of the 11 cases since June 1 but prior to this week's report, 7 have occurred in Isanti County and 3 in Cass County.

EPIDEMIOLOGICAL REPORTS

Leptospirosis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported a case of leptospirosis in a person employed at a

slaughter house and who had been in good health previously. The individual gave a history of aching in the muscles of the legs, headaches, chills, fever, drenching sweats, anorexia, and malaise for 3 days prior to admission to a hospital. His temperature had been 105° F. at the time of admission to the hospital, but it subsided by the third hospital day and he was afebrile for the rest of his hospital stay. Brucellosis was suspected and an agglutination test was positive in 1:160 titer. Later the patient developed erythematous rash and cervical and occipital adenopathy. In view of the low titer for brucellosis, blood specimens were tested for leptospira, and a rise in titer from 1:16 to 1:128 for Leptospira pomona was shown. It was presumed the infection was acquired in relation to the individual's occupation.

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	29th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 19, 1958	Ended July 20, 1957	Median 1953-57	First 29 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	1 ¹	1	-	8	13	18	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	1	5	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	14	23	32	452	565	707	(2)	(2)	(2)	(2)
Diphtheria-----055	14	19	19	385	514	872	35	50	50	July 1
Encephalitis, infectious-----082	38	36	36	888	823	823	279	263	238	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	225	203	464	9,094	9,614	18,886	12,899	14,813	24,959	Sept. 1
Malaria-----110-117	2	1	15	37	56	196	(2)	(2)	(2)	(2)
Measles-----085	7,956	4,155	5,190	691,556	437,796	513,623	724,459	475,005	560,498	Sept. 1
Meningococcal infections-----057	42	44	55	1,533	1,491	2,327	2,490	2,222	3,349	Sept. 1
Meningitis, other-----340	373	73	---	1,402	1,072	---	---	---	---	---
Poliomyelitis-----080	125	252	565	913	1,979	4,828	694	1,453	3,677	Apr. 1
Paralytic-----080.0,080.1	52	50	---	438	780	---	317	506	---	Apr. 1
Nonparalytic-----080.2	50	167	---	317	931	---	250	768	---	Apr. 1
Unspecified-----080.3	23	35	---	158	268	---	127	179	---	Apr. 1
Psittacosis-----096.2	1	5	6	81	164	168	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	3	3	(2)	(2)	(2)	(2)
Typhoid fever-----040	25	34	49	473	647	958	296	380	611	Apr. 1
Typhus fever, endemic-----101	7	4	5	40	66	70	28	41	54	Apr. 1
Rabies in animals-----	82	69	96	*2,782	2,755	3,278	*3,597	3,719	4,643	Oct. 1

¹Reported in Mississippi.

²Data show no pronounced seasonal change in incidence.

³Includes 16 cases of aseptic meningitis reported in Florida.

⁴Includes revised report from South Dakota for week ended June 7.

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

COMMUNICABLE DISEASE CENTER

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EPIDEMIOLOGICAL REPORTS—Continued

Arthropod-borne encephalitis

In the California Surveillance Report, the State Department of Public Health states that 4 cases of arthropod-borne encephalitis have been reported in which there was laboratory confirmation of diagnosis. Three of the 4 showed an increase in complement fixation titer to western equine infection, and the fourth had an increase in titer to St. Louis encephalitis. The cases all occurred in counties located in the central valley area. Reports to date indicate considerably higher populations of Culex tarsalis this year. All species of mosquitoes in certain individual control areas are more numerous compared with median numbers for the previous 4 years, particularly in the northern and central areas of the State. Isolation of western equine encephalitis virus was made from 38 pools of mosquitoes in June: 29 by the University of California and 9 by the State Department of Public Health.

About 50 cases of encephalomyelitis in horses have been reported since the first of June. Three were confirmed as western equine infections by laboratory tests.

The Washington State Department of Health reports the occurrence of 5 cases of encephalitis in horses with 2 deaths in the eastern part of the State. Complement fixation tests indicated that the infections were caused by the western equine encephalitis virus. Many C. tarsalis mosquitoes were reported to have bitten animals in the areas where the cases occurred.

Staphylococcal food poisoning

The California State Department of Public Health has supplied information on 2 outbreaks of staphylococcal food poisoning, one occurring in a private residence and the other in a coffee shop. In the first, 2 of 5 persons became ill after eating a meal including potato salad. Symptoms of nausea, vomiting, weakness, abdominal cramps, and diarrhea began about 2 hours after eating and lasted about 4 hours. No specimens were available for examination. It was noted the individual who prepared the potato salad had a chronic eczema on the hands.

The second report concerned 5 persons who became ill from 30 minutes to 3 hours after eating in a coffee shop. The number of persons eating the suspect food, baked ham, was not known. Symptoms of nausea, vomiting and diarrhea lasted about 18 hours. The ham had been boiled for 1 hour and then

baked for 1½ hours on the morning of June 9th. It was then placed in a covered section of a steamtable and used for ham sandwiches and ham lunches on the 9th and 10th of June. The persons who became ill had eaten the ham on the 10th. A pigmented, nonhemolytic, coagulase-positive, and mannitol fermenting Micrococcus was cultured from the ham. Similar micrococci were cultured from the nose and throat of one of the food handlers. The other food handlers were negative for pathogenic staphylococci.

Communicable diseases in other areas

Information has been received through the International Cooperation Administration of a progressive increase in respiratory illness in Paraguay. All age groups have been affected, usually with involvement of the entire families. Fever, malaise, rhinorrhea, and digestive disturbances have predominated, followed by cough, bronchitis, pharyngitis, and laryngitis. Duration of symptoms has been from 5 to 6 days. Physicians are diagnosing the infection as grippe or influenza, but no laboratory confirmations of influenza have been obtained due to deficient facilities. Deaths attributed to influenza have not been reported.

QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384

Changes Reported

The yellow fever vaccination center located at the University of Missouri, Student Health Service, Columbia, Missouri (p. 52), has changed its clinic hours to hour by appointment only. The telephone number has been changed to Gibson 3-7202.

Africa.—Ethiopia (Supplement, p. 3) now requires yellow fever vaccination of all persons leaving the country. All other information remains the same.

Asia.—Iraq (Supplement, p. 14) now requires smallpox and cholera vaccinations of all arrivals from infected areas. During severe epidemics in the Far East additional requirements may be imposed, such as revaccination or isolation. Persons from infected areas may not be permitted to enter. All other information remains the same.

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 JULY 20, 1957, AND JULY 19, 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, N998.5 pt.			
			29th week		Cumulative first 29 weeks				29th week		Cumulative first 29 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	14	23	14	19	385	514	38	36	225	203	9,094	9,614
NEW ENGLAND-----	1	-	-	-	5	19	1	1	10	8	308	515
Maine-----	-	-	-	-	-	3	-	-	-	4	46	164
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	8
Vermont-----	-	-	-	-	-	-	-	-	1	-	11	86
Massachusetts-----	1	-	-	-	4	16	1	1	6	2	145	141
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	41	41
Connecticut-----	-	-	-	-	1	-	-	-	2	1	64	75
MIDDLE ATLANTIC-----	1	2	-	1	32	55	5	3	40	35	1,106	1,449
New York-----	-	1	-	1	15	29	4	3	31	29	744	863
New Jersey-----	-	-	-	-	2	9	1	-	2	1	88	198
Pennsylvania-----	1	1	-	-	15	17	-	-	7	5	274	388
EAST NORTH CENTRAL-----	-	-	-	2	32	36	6	7	22	37	1,593	1,716
Ohio-----	-	-	-	1	6	8	-	1	7	10	517	436
Indiana-----	-	-	-	-	16	9	-	-	4	3	152	244
Illinois-----	-	-	-	-	4	3	4	2	4	12	397	364
Michigan-----	-	-	-	1	5	15	1	4	7	8	444	487
Wisconsin-----	-	-	-	-	1	1	1	-	-	4	83	185
WEST NORTH CENTRAL-----	6	7	10	2	66	43	2	-	13	4	772	572
Minnesota-----	3	-	10	-	26	21	-	-	1	-	95	203
Iowa-----	2	6	-	2	13	6	-	-	2	3	143	136
Missouri-----	-	1	-	-	12	1	-	-	7	-	154	101
North Dakota-----	-	-	-	-	3	3	-	-	1	1	120	73
South Dakota-----	1	-	-	-	4	6	-	-	1	-	9	26
Nebraska-----	-	-	-	-	8	2	-	-	1	-	48	14
Kansas-----	-	-	-	-	-	4	2	-	-	-	203	19
SOUTH ATLANTIC-----	1	5	1	5	97	144	2	-	20	10	642	712
Delaware-----	-	-	-	-	-	-	-	-	-	-	33	6
Maryland-----	-	-	-	-	3	1	-	-	6	5	70	79
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	9	9
Virginia-----	-	4	-	1	14	7	1	-	3	3	158	282
West Virginia-----	-	-	-	1	9	4	-	-	2	-	97	52
North Carolina-----	-	-	-	1	13	19	-	-	1	-	32	57
South Carolina-----	-	-	-	-	11	23	-	-	-	1	36	20
Georgia-----	1	1	1	2	25	33	-	-	3	-	67	79
Florida-----	-	-	-	-	22	57	-	-	5	1	140	128
EAST SOUTH CENTRAL-----	1	3	1	-	32	68	2	4	24	22	774	1,339
Kentucky-----	-	2	-	-	3	12	-	1	8	5	365	579
Tennessee-----	-	-	1	-	6	7	1	2	3	11	205	506
Alabama-----	-	1	-	-	15	29	1	1	11	2	157	161
Mississippi-----	1	-	-	-	8	20	-	-	2	4	47	93
WEST SOUTH CENTRAL-----	2	4	2	3	81	107	3	6	26	21	712	703
Arkansas-----	-	1	-	-	13	8	1	-	1	1	76	56
Louisiana-----	-	-	-	-	7	9	-	-	1	1	7	40
Oklahoma-----	-	2	1	1	22	16	-	3	-	2	106	89
Texas-----	2	1	1	2	39	74	2	3	24	17	523	518
MOUNTAIN-----	2	-	-	-	35	19	-	-	25	11	1,494	845
Montana-----	2	-	-	-	15	4	-	-	4	-	230	114
Idaho-----	-	-	-	-	2	1	-	-	2	-	93	57
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	38
Colorado-----	-	-	-	-	5	2	-	-	1	4	129	124
New Mexico-----	-	-	-	-	9	7	-	-	4	4	236	301
Arizona-----	-	-	-	-	2	3	-	-	9	1	586	156
Utah-----	-	-	-	-	-	1	-	-	5	2	120	33
Nevada-----	-	-	-	-	-	-	-	-	-	-	96	22
PACIFIC-----	-	2	-	6	5	23	17	15	45	55	1,693	1,763
Washington-----	-	-	-	6	-	17	-	-	1	4	299	232
Oregon-----	-	1	-	-	1	2	1	-	6	6	216	330
California-----	-	1	-	-	4	4	16	15	38	45	1,178	1,201
Alaska-----	-	-	-	-	-	-	-	-	-	-	73	54
Hawaii-----	-	-	-	-	-	-	-	-	-	2	38	27
Puerto Rico-----	-	-	-	-	27	31	-	-	-	-	82	102

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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 JULY 20, 1957, AND JULY 19, 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	
	29th week		Cumulative first 29 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	125	252	913	1,979	52	50	50	167	2	1	7,956	4,155
NEW ENGLAND-----	1	6	15	22	-	1	1	4	-	-	753	369
Maine-----	-	1	2	2	-	-	-	1	-	-	45	50
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	3	5
Vermont-----	1	-	1	2	-	-	1	-	-	-	10	22
Massachusetts-----	-	2	4	6	-	1	-	1	-	-	421	186
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	35	8
Connecticut-----	-	3	8	12	-	-	-	2	-	-	239	98
MIDDLE ATLANTIC-----	9	10	47	67	5	3	4	4	-	-	1,651	954
New York-----	6	7	30	46	3	3	3	4	-	-	928	687
New Jersey-----	3	-	16	7	2	-	1	-	-	-	421	187
Pennsylvania-----	-	3	1	14	-	-	-	-	-	-	302	80
EAST NORTH CENTRAL-----	18	52	71	207	5	13	7	29	-	-	2,623	1,010
Ohio-----	6	10	12	43	1	1	-	4	-	-	446	82
Indiana-----	1	4	4	29	1	1	-	3	-	-	144	34
Illinois-----	4	13	18	40	1	6	3	5	-	-	356	107
Michigan-----	4	10	28	56	1	5	3	5	-	-	859	134
Wisconsin-----	3	15	9	39	1	-	1	12	-	-	818	653
WEST NORTH CENTRAL-----	10	18	41	132	1	3	4	10	-	-	363	143
Minnesota-----	2	2	3	6	-	-	2	2	-	-	12	32
Iowa-----	-	2	9	17	-	1	-	1	-	-	139	84
Missouri-----	2	6	6	41	1	-	1	3	-	-	106	11
North Dakota-----	-	-	2	1	-	-	-	-	-	-	41	14
South Dakota-----	-	-	5	5	-	-	-	-	-	-	7	-
Nebraska-----	1	4	9	39	-	1	1	3	-	-	58	2
Kansas-----	5	4	7	23	-	1	-	1	-	-	(*)	-
SOUTH ATLANTIC-----	34	31	235	279	13	2	12	25	-	-	574	280
Delaware-----	-	-	2	2	-	-	-	-	-	-	6	-
Maryland-----	-	-	4	-	-	-	-	-	-	-	41	49
District of Columbia-----	3	-	4	-	1	-	2	-	-	-	3	24
Virginia-----	5	2	18	31	3	-	2	2	-	-	334	42
West Virginia-----	1	2	21	10	-	-	1	2	-	-	58	7
North Carolina-----	2	17	36	57	1	1	1	15	-	-	23	37
South Carolina-----	-	6	6	69	-	-	-	4	-	-	5	64
Georgia-----	-	2	17	36	-	1	-	1	-	-	59	33
Florida-----	23	2	131	70	8	-	6	1	-	-	45	24
EAST SOUTH CENTRAL-----	12	25	83	164	2	7	9	15	-	-	439	141
Kentucky-----	1	8	25	23	1	3	-	5	-	-	183	28
Tennessee-----	5	7	22	62	1	2	4	5	-	-	201	57
Alabama-----	-	2	6	22	-	-	-	-	-	-	26	55
Mississippi-----	6	8	30	57	-	2	5	5	-	-	29	1
WEST SOUTH CENTRAL-----	29	60	224	622	18	13	10	41	-	-	563	295
Arkansas-----	2	4	10	37	1	-	1	4	-	-	64	3
Louisiana-----	1	9	22	95	1	3	-	6	-	-	2	8
Oklahoma-----	2	14	20	49	1	1	-	7	-	-	28	24
Texas-----	24	33	172	441	15	9	9	24	-	-	469	260
MOUNTAIN-----	5	8	67	111	3	1	1	4	-	-	402	273
Montana-----	3	1	23	4	2	-	1	1	-	-	81	73
Idaho-----	1	1	2	6	-	1	-	-	-	-	45	32
Wyoming-----	-	-	2	6	-	-	-	-	-	-	-	-
Colorado-----	1	-	9	16	1	-	-	-	-	-	119	46
New Mexico-----	-	4	16	23	-	-	-	1	-	-	61	13
Arizona-----	-	2	10	29	-	-	-	2	-	-	64	60
Utah-----	-	-	3	23	-	-	-	-	-	-	29	49
Nevada-----	-	-	2	4	-	-	-	-	-	-	3	-
PACIFIC-----	7	42	130	375	5	7	2	35	2	1	588	690
Washington-----	-	-	8	2	-	-	-	-	-	-	61	74
Oregon-----	-	5	13	28	-	1	-	4	-	-	69	281
California-----	7	37	109	345	5	6	2	31	2	1	458	335
Alaska-----	-	-	1	2	-	-	-	-	-	-	40	12
Hawaii-----	7	-	38	2	7	-	-	-	-	1	15	31
Puerto Rico-----	3	2	43	8	3	2	-	-	-	-	43	26

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 JULY 20, 1957, AND JULY 19, 1958—Continued

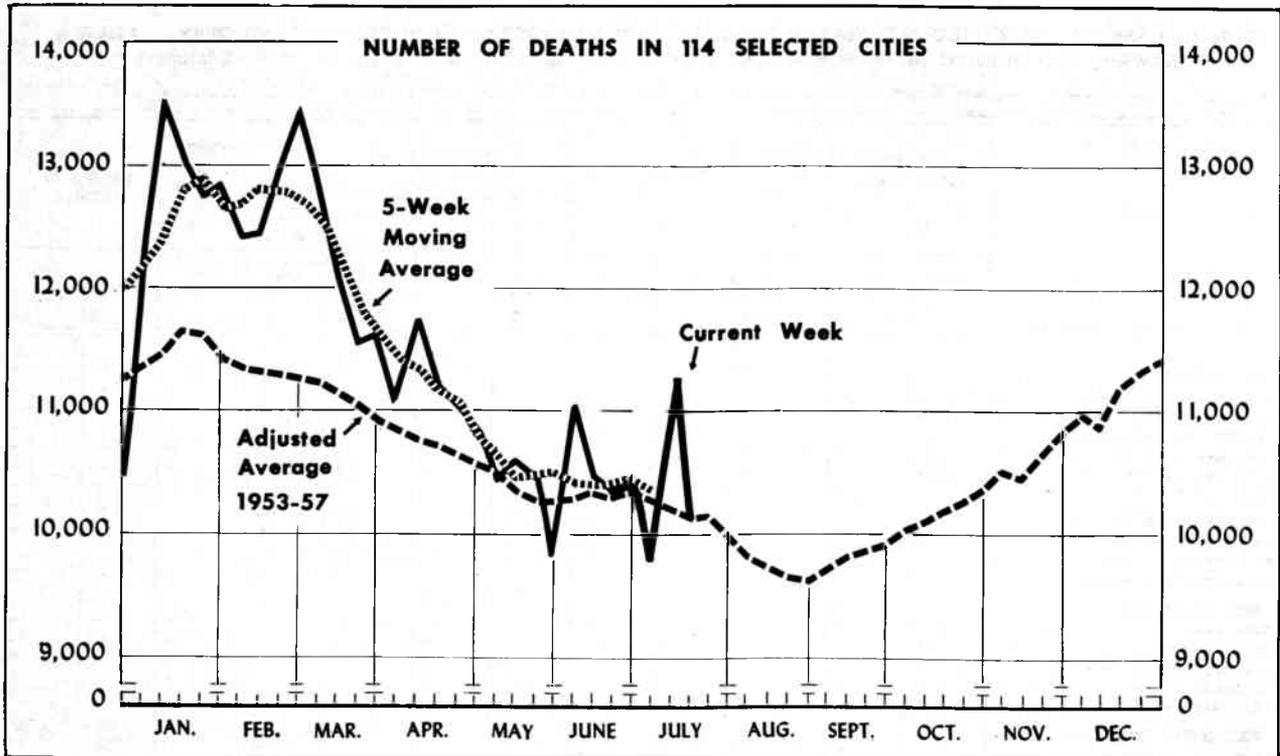
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2		29th week		Cumulative first 29 weeks		101		
	057	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONF. UNITED STATES-----	42	44	73	1	5	25	34	473	647	7	82	69
NEW ENGLAND-----	2	3	3	-	-	-	-	9	17	-	-	-
Maine-----	-	-	-	-	-	-	-	1	2	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	2	3	-	-	-	-	5	7	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	1	1	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	6	2	-	1	-	1	2	53	68	-	3	5
New York-----	4	2	-	1	-	1	2	14	25	-	2	5
New Jersey-----	-	-	-	-	-	-	-	11	17	-	-	-
Pennsylvania-----	2	-	-	-	-	-	-	28	26	-	1	-
EAST NORTH CENTRAL-----	5	13	18	-	3	3	6	39	73	-	23	9
Ohio-----	1	5	-	-	-	1	2	14	34	-	-	-
Indiana-----	1	-	1	-	-	1	-	8	14	-	8	2
Illinois-----	2	6	12	-	1	-	2	6	10	-	1	3
Michigan-----	1	2	5	-	-	-	2	6	9	-	3	1
Wisconsin-----	-	-	-	-	2	1	-	5	6	-	11	3
WEST NORTH CENTRAL-----	2	5	-	-	1	1	4	43	45	-	24	18
Minnesota-----	1	4	-	-	1	-	-	3	4	-	15	14
Iowa-----	-	-	-	-	-	1	1	6	9	-	4	1
Missouri-----	1	1	-	-	-	-	3	20	24	-	2	1
North Dakota-----	-	-	-	-	-	-	-	1	1	-	2	2
South Dakota-----	-	-	-	-	-	-	-	5	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	1	-
Kansas-----	-	-	-	-	-	-	-	7	4	-	-	-
SOUTH ATLANTIC-----	11	6	31	-	-	5	7	84	137	-	9	11
Delaware-----	1	-	-	-	-	3	-	3	1	-	-	-
Maryland-----	-	1	-	-	-	-	-	4	3	-	-	-
District of Columbia-----	1	-	1	-	-	-	-	6	7	-	-	-
Virginia-----	2	-	5	-	-	-	-	14	23	-	3	7
West Virginia-----	1	2	-	-	-	1	5	10	30	-	-	-
North Carolina-----	5	-	-	-	-	-	-	11	11	-	-	1
South Carolina-----	-	-	1	-	-	-	2	6	11	-	2	2
Georgia-----	1	2	1	-	-	1	-	17	20	-	4	-
Florida-----	-	1	23	-	-	-	-	13	31	-	-	1
EAST SOUTH CENTRAL-----	8	6	13	-	-	2	6	54	106	3	9	13
Kentucky-----	1	4	1	-	-	1	5	13	31	-	8	8
Tennessee-----	-	1	10	-	-	1	1	14	48	-	-	-
Alabama-----	6	1	-	-	-	-	-	11	8	3	1	5
Mississippi-----	1	-	2	-	-	-	-	16	19	-	-	-
WEST SOUTH CENTRAL-----	2	3	4	-	-	5	9	120	135	3	11	10
Arkansas-----	1	1	1	-	-	-	-	10	24	-	3	2
Louisiana-----	1	-	-	-	-	-	7	54	28	-	1	1
Oklahoma-----	-	-	-	-	-	-	-	6	15	-	-	-
Texas-----	-	2	3	-	-	5	2	50	68	3	7	7
MOUNTAIN-----	3	2	2	-	-	7	-	34	28	-	-	1
Montana-----	-	2	-	-	-	-	-	2	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	5	2	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	2	-	-	-
Colorado-----	-	-	1	-	-	-	-	3	7	-	-	-
New Mexico-----	-	-	1	-	-	4	-	13	10	-	-	-
Arizona-----	2	-	-	-	-	3	-	5	5	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	1	-	-	-	-	-	-	5	-	-	-	-
PACIFIC-----	3	4	2	-	1	1	-	37	38	1	3	2
Washington-----	-	-	1	-	-	-	-	-	2	-	-	-
Oregon-----	-	-	1	-	-	-	-	7	3	-	-	-
California-----	3	4	-	-	1	1	-	30	33	1	3	2
Alaska-----	1	-	-	-	-	-	-	-	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	3	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	14	13	-	-	-

²Includes 16 cases of aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease not notifiable.

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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	29th week ended July 19, 1958	28th week ended July 12, 1958	Adjusted average, 29th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 29 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	¹ 10,146	11,276	10,125	+0.2	¹ 334,609	317,742	+5.3
New England----- (14 cities)	661	735	628	+5.3	21,201	20,676	+2.5
Middle Atlantic----- (20 cities)	2,955	3,192	2,925	+1.0	97,086	92,349	+5.1
East North Central----- (19 cities)	¹ 2,163	2,449	2,174	-0.5	¹ 71,317	68,228	+4.5
West North Central----- (9 cities)	682	825	742	-8.1	23,663	22,459	+5.4
South Atlantic----- (11 cities)	819	946	854	-4.1	29,237	26,804	+9.1
East South Central----- (8 cities)	484	481	466	+3.9	15,666	14,073	+11.3
West South Central----- (13 cities)	856	971	830	+3.1	28,207	26,614	+6.0
Mountain----- (8 cities)	¹ 280	356	241	+16.2	¹ 8,810	7,861	+12.1
Pacific----- (12 cities)	1,246	1,321	1,190	+4.7	39,422	38,678	+1.9

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	29th week ended July 19, 1958	28th week ended July 12, 1958	CUMULATIVE NUMBER FIRST 29 WEEKS		AREA	29th week ended July 19, 1958	28th week ended July 12, 1958	CUMULATIVE NUMBER FIRST 29 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	238	220	7,318	7,009	St. Louis, Mo.-----	195	262	7,385	6,914
Bridgeport, Conn.-----	40	32	1,132	1,095	St. Paul, Minn.-----	56	88	2,243	1,969
Cambridge, Mass.-----	24	36	864	898	Wichita, Kans.-----	59	47	1,346	1,290
Fall River, Mass.-----	38	35	838	809	SOUTH ATLANTIC:				
Hartford, Conn.-----	41	42	1,518	1,458	Atlanta, Ga.-----	76	92	3,280	3,197
Lowell, Mass.-----	23	25	79C	804	Baltimore, Md.-----	216	255	7,514	7,100
Lynn, Mass.-----	31	35	663	613	Charlotte, N. C.-----	23	36	1,063	959
New Bedford, Mass.-----	19	23	714	745	Jacksonville, Fla.-----	67	65	1,821	1,567
New Haven, Conn.-----	32	52	1,369	1,360	Miami, Fla.-----	69	60	2,176	1,439
Providence, R. I.-----	61	73	1,907	1,857	Norfolk, Va.-----	15	43	1,064	1,071
Somerville, Mass.-----	11	18	426	405	Richmond, Va.-----	73	73	2,253	2,203
Springfield, Mass.-----	39	48	1,263	1,259	Savannah, Ga.-----	25	38	987	870
Waterbury, Conn.-----	22	30	795	751	St. Petersburg, Fla.-----	(62)	(47)	(2,011)	---
Worcester, Mass.-----	42	66	1,595	1,633	Tampa, Fla.-----	49	53	2,095	1,846
MIDDLE ATLANTIC:					Washington, D. C.-----	179	179	5,873	5,476
Albany, N. Y.-----	43	53	1,479	1,449	Wilmington, Del.-----	27	52	1,111	1,076
Allentown, Pa.-----	34	43	1,001	1,119	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	115	147	4,495	4,175	Birmingham, Ala.-----	85	80	2,654	2,263
Camden, N. J.-----	39	49	1,300	1,185	Chattanooga, Tenn.-----	32	45	1,442	1,348
Elizabeth, N. J.-----	31	33	901	846	Knoxville, Tenn.-----	18	22	823	824
Erie, Pa.-----	31	42	1,061	1,054	Louisville, Ky.-----	104	93	3,312	3,046
Jersey City, N. J.-----	59	71	2,150	2,033	Memphis, Tenn.-----	135	113	3,473	3,103
Newark, N. J.-----	89	108	2,909	3,098	Mobile, Ala.-----	40	28	1,189	1,051
New York City, N. Y.-----	1,456	1,640	49,245	46,466	Montgomery, Ala.-----	14	32	1,007	678
Paterson, N. J.-----	35	44	1,265	1,152	Nashville, Tenn.-----	56	68	1,766	1,760
Philadelphia, Pa.-----	484	466	15,128	14,414	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	210	133	5,758	5,266	Austin, Tex.-----	28	32	968	877
Reading, Pa.-----	25	21	619	692	Baton Rouge, La.-----	21	32	847	747
Rochester, N. Y.-----	98	105	3,030	2,785	Corpus Christi, Tex.-----	19	33	635	614
Schenectady, N. Y.-----	18	24	684	670	Dallas, Tex.-----	300	96	3,393	3,223
Scranton, Pa.-----	31	51	1,062	1,102	El Paso, Tex.-----	25	30	1,080	904
Syracuse, N. Y.-----	64	55	1,836	1,691	Fort Worth, Tex.-----	55	83	1,811	1,823
Trenton, N. J.-----	45	47	1,450	1,321	Houston, Tex.-----	148	160	4,710	4,411
Utica, N. Y.-----	23	20	784	945	Little Rock, Ark.-----	54	42	1,605	1,607
Yonkers, N. Y.-----	25	40	929	886	New Orleans, La.-----	163	169	5,320	4,990
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	73	75	2,041	1,825
Akron, Ohio-----	55	65	1,734	1,557	San Antonio, Tex.-----	98	111	2,869	2,761
Canton, Ohio-----	29	33	917	913	Shreveport, La.-----	32	50	1,450	1,384
Chicago, Ill.-----	669	798	22,827	21,947	Tulsa, Okla.-----	40	58	1,478	1,448
Cincinnati, Ohio-----	168	171	4,876	4,421	MOUNTAIN:				
Cleveland, Ohio-----	186	163	6,210	6,088	Albuquerque, N. Mex.-----	27	34	848	743
Columbus, Ohio-----	94	122	3,331	3,285	Colorado Springs, Colo.-----	¹ 12	21	² 430	395
Dayton, Ohio-----	¹ 63	65	² 2,182	2,101	Denver, Colo.-----	91	108	3,356	3,228
Detroit, Mich.-----	303	305	9,570	9,491	Ogden, Utah-----	11	17	424	350
Evansville, Ind.-----	43	37	1,191	909	Phoenix, Ariz.-----	38	66	1,337	862
Flint, Mich.-----	37	28	1,131	1,105	Pueblo, Colo.-----	18	10	368	368
Fort Wayne, Ind.-----	41	34	1,050	1,043	Salt Lake City, Utah-----	51	64	1,405	1,283
Gary, Ind.-----	21	44	980	860	Tucson, Ariz.-----	32	36	642	632
Grand Rapids, Mich.-----	29	44	1,253	1,187	PACIFIC:				
Indianapolis, Ind.-----	135	152	3,759	3,452	Berkeley, Calif.-----	13	12	570	557
Madison, Wis.-----	(27)	(44)	(947)	(943)	Fresno, Calif.-----	(54)	(31)	(1,108)	---
Milwaukee, Wis.-----	109	149	4,007	3,829	Glendale, Calif.-----	(31)	(47)	(1,012)	---
Peoria, Ill.-----	26	36	958	865	Long Beach, Calif.-----	60	59	1,635	1,587
Rockford, Ill.-----	(22)	(29)	(778)	(746)	Los Angeles, Calif.-----	448	444	14,427	14,014
South Bend, Ind.-----	31	22	805	731	Oakland, Calif.-----	86	105	2,761	2,831
Toledo, Ohio-----	76	121	2,958	2,809	Pasadena, Calif.-----	32	52	1,039	1,047
Youngstown, Ohio-----	48	60	1,578	1,635	Portland, Oreg.-----	104	113	3,003	2,771
WEST NORTH CENTRAL:					Sacramento, Calif.-----	63	69	1,555	1,526
Des Moines, Iowa-----	46	48	1,647	1,567	San Diego, Calif.-----	69	90	2,456	2,353
Duluth, Minn.-----	29	25	748	756	San Francisco, Calif.-----	169	150	5,560	5,645
Kansas City, Kans.-----	19	19	779	871	San Jose, Calif.-----	(24)	(20)	(664)	---
Kansas City, Mo.-----	116	96	3,682	3,484	Seattle, Wash.-----	119	146	3,949	3,828
Lincoln, Nebr.-----	(13)	(38)	---	---	Spokane, Wash.-----	43	49	1,338	1,370
Minneapolis, Minn.-----	105	161	3,774	3,625	Tacoma, Wash.-----	40	32	1,129	1,149
Omaha, Nebr.-----	57	79	2,059	1,983	Honolulu, Hawaii-----	(41)	(27)	(1,078)	(1,120)

¹Estimated.

²Includes estimate for current week.

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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