

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 April 25, 1958

Washington 25, D. C.

Vol. 7, No. 16

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

Measles is being reported in larger numbers this year than last. Many of the States reporting increased numbers are those with large populations. Consequently, the increased total number as compared with last year is to be expected. A few States have also reported an increase in German measles. Possibly related to this are reports of increased incidence of German measles in military personnel stationed in various parts of the country, in the last few months of 1957 and early in 1958. The cumulative total of meningococcal infections since January 1 is about 13 percent in excess of that for last year. The cases have been widely distributed through all parts of the country.

Department of Public Health of a case of psittacosis in a letter carrier who suffered from sweats, chills, fever, pain in the chest, very severe cough, and generalized prostration. Chest X-ray revealed bilateral bronchopneumonia. He was treated with penicillin. There was a rise in titer from 1:16 to 1:32 in complement fixation tests for psittacosis over a 2-week period. No exposure to a probable source of infection was determined.

Dr. Mason Romaine, Virginia Department of Health, has forwarded information concerning a parakeet which had died from psittacosis. The bird had been ill for about 3 months. Diagnosis was established by the isolation of the virus from the dead bird. During the same 3-month period, an 8-year-old child in the family which owned the parakeet had suffered from vague symptoms which her mother attributed to influenza.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Information has been received from the California State

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	16th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 19, 1958 ¹	Ended Apr. 20, 1957	Median 1953-57	First 16 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ²	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	1	1	7	12	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	4	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)----044	17	23	25	203	288	371	(2)	(2)	(2)	(2)
Diphtheria-----055	14	11	18	257	337	601	1,029	1,086	1,931	July 1
Encephalitis, infectious-----082	31	31	22	397	359	365	1,695	1,925	1,676	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	447	314	732	5,531	6,058	10,103	9,336	11,257	16,176	Sept. 1
Malaria-----110-117	-	3	7	15	27	65	(2)	(2)	(2)	(2)
Measles-----085	36,869	20,794	24,778	335,975	248,571	275,257	368,878	285,780	304,355	Sept. 1
Meningococcal infections-----057	47	43	71	1,004	893	1,474	1,961	1,624	2,496	Sept. 1
Meningitis, other-----340	32	25	---	785	514	---	---	---	---	---
Poliomyelitis-----080	12	32	79	266	624	1,347	47	98	228	Apr. 1
Paralytic-----080.0, 080.1	5	12	---	145	321	---	24	47	---	Apr. 1
Nonparalytic-----080.2	2	17	---	77	204	---	10	41	---	Apr. 1
Unspecified-----080.3	5	3	---	44	99	---	13	10	---	Apr. 1
Psittacosis-----096.2	4	4	5	42	79	79	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	-	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	13	30	218	303	393	41	46	71	Apr. 1
Typhus fever, endemic-----101	1	2	2	13	28	28	1	3	4	Apr. 1
Rabies in animals-----	111	104	146	1,623	1,637	2,039	2,438	2,601	3,404	Oct. 1

¹Data exclude report from Mississippi for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes revised report from Rhode Island for weeks ended March 29 and April 5.

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

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EPIDEMIOLOGICAL REPORTS—Continued

Listeriosis

Dr. Paul Bowden, Virginia Department of Health, has reported a case of listeriosis in a 79-year-old man. On February 16, 1958, the individual began to behave peculiarly, and he was put to bed. On the following day, he was found lying on the floor unconscious. Upon being revived, the patient had blurred speech, a stiff neck, and a fever of 104° F. He was hospitalized. Examination of the spinal fluid revealed a pressure of 240 mm. of water and 900 leukocytes per c.m.l. The patient improved and was released 2 days later. On the day of discharge another spinal fluid examination revealed many erythrocytes, and it was suspected that the patient had also had a "stroke." The man died on March 14, 1958, and no autopsy was done. Cerebrospinal fluid culture showed *Listeria monocytogenes*. Investigation of the premises where the man had lived revealed no rodents and no pets. There were several cats next door, but examination of one of these was negative. Soil and dust samples were also found to be negative.

Influenza

The gradual decrease in numbers of deaths from all causes and from influenza and pneumonia in large cities is reflected in the numbers reported for the week ended April 19. There were 11,270 deaths from all causes in 114 cities and 469 from influenza and pneumonia in 108 cities. The numbers were 11,756 and 516, respectively, for the previous week.

Dr. A. A. Jenkins, Utah State Department of Health, states that epidemics previously reported in southern Utah were confirmed as influenza by isolation of Asian strains of virus from 4 of 6 specimens.

The Alaska Department of Health reports that 208 cases of influenza were reported in the Bristol Bay District during February and March 1958.

Dr. D. S. Fleming, Minnesota State Department of Health, states that 236 cases of influenza were reported from January 1 to April 12. Twenty-one were confirmed by laboratory tests: 3 by isolation of virus and 18 by significant rises in antibody titer. In a review of death certificates filed in the last 5 months of 1957, it was found that 165 deaths were coded to influenza and pneumonia (480-483), 50 certificates mentioned influenza but were coded to other causes, and 22 certificates gave a history that indicated influenza may have been the cause of death. Nearly 70 percent of the deaths were in persons 60 years of age and over.

Rabies in animals

The Ohio Department of Health states that the 37 cases of

rabies in animals in March 1958 was the highest total for that month during the past 5 years. This was mainly due to 20 cases of wildlife rabies in skunks, foxes, and 1 raccoon. The incidence in wildlife is usually greater in March and April.

Shigellosis

Dr. Michael J. Takos, Dade County (Florida) Health Department, has reported an outbreak of shigellosis in a boarding home for children. During a 2-week period in March, 10 of 61 children became ill with a febrile, prostrating, bloody dysentery. Stool cultures obtained from 4 ill children were positive for *Shigella flexneri*, type 4. Stool cultures on healthy contacts and adult staff members, taken 2 weeks after onset of the outbreak, were negative for *Shigella*, but 11 of 88 specimens were positive for *Giardia lamblia*. The *Shigella* organism isolated was resistant to di-hydrostreptomycin and sulfadiazine. Prompt isolation of infected children and maintenance of rigid aseptic techniques apparently prevented further spread of the infection within the closed population. No common source of infection was found.

Staphylococcus food poisoning

A report has been received from Dr. J. G. Roney, Jr., San Mateo County (California) Health Department, of an outbreak of staphylococcus food poisoning in 8 of 11 members of a family after eating canned ham. Symptoms consisting of nausea, vomiting, abdominal pain, and diarrhea developed 1 to 7 hours after eating the suspected food and lasted for about 1 day. The ham had been removed from the can at a meat market where it was sliced and then put back in the can. The ham was cooked and then left unrefrigerated for a day prior to being eaten. Culture of a specimen of ham revealed *Staphylococcus*. Specimens from food handlers and those who had been ill were negative.

Gastro-enteritis

Dr. L. S. Schiff, New York State Department of Health, has reported an outbreak of gastro-enteritis in 10 of 15 persons at a family gathering. Severe nausea, vomiting, and abdominal cramps began 3 hours after eating a cream-filled cake which had not been under refrigeration for 24 hours prior to consumption. All of those who were ill made an uneventful recovery. No laboratory studies were made.

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 APRIL 20, 1957, AND APRIL 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)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		16th week		Cumulative first 16 weeks		082		16th week		Cumulative first 16 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	17	23	14	11	257	337	31	31	447	314	5,531	6,058
NEW ENGLAND-----	-	1	-	2	5	11	2	-	13	12	191	316
Maine-----	-	-	-	-	-	1	-	-	1	3	30	95
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	7
Vermont-----	-	-	-	-	-	-	-	-	-	3	6	56
Massachusetts-----	-	1	-	2	4	10	1	-	3	3	84	86
Rhode Island-----	-	-	-	-	-	-	1	-	2	2	27	28
Connecticut-----	-	-	-	-	1	-	-	-	7	1	43	44
MIDDLE ATLANTIC-----	1	-	-	3	24	29	4	3	52	49	595	830
New York-----	-	-	-	-	11	18	4	3	32	28	370	450
New Jersey-----	-	-	-	-	1	5	-	-	6	12	61	136
Pennsylvania-----	1	-	-	3	12	6	-	-	14	9	164	244
EAST NORTH CENTRAL-----	3	3	3	-	23	25	6	6	84	57	886	1,182
Ohio-----	-	-	1	-	6	5	1	2	30	14	282	300
Indiana-----	-	2	-	-	9	7	-	2	4	8	91	166
Illinois-----	1	1	1	-	3	-	1	1	24	8	205	239
Michigan-----	-	-	-	-	4	12	3	1	17	23	265	350
Wisconsin-----	2	-	1	-	1	1	-	-	9	4	43	127
WEST NORTH CENTRAL-----	11	13	3	1	24	32	-	1	80	18	517	389
Minnesota-----	1	-	-	-	1	19	-	-	6	7	59	130
Iowa-----	2	5	2	-	4	4	-	1	53	5	114	92
Missouri-----	1	2	-	1	10	1	-	-	4	3	75	77
North Dakota-----	1	-	-	-	1	1	-	-	9	1	78	55
South Dakota-----	1	-	-	-	2	4	-	-	-	-	3	17
Nebraska-----	1	4	1	-	6	1	-	-	2	-	38	10
Kansas-----	4	2	-	-	-	2	-	-	6	2	150	8
SOUTH ATLANTIC-----	2	1	-	2	69	96	7	1	16	28	385	446
Delaware-----	-	-	-	-	-	-	-	-	4	-	15	4
Maryland-----	-	-	-	-	2	1	-	-	3	3	37	50
District of Columbia-----	-	-	-	-	-	-	2	-	-	-	4	8
Virginia-----	-	-	-	-	12	3	-	-	4	12	97	181
West Virginia-----	-	-	-	-	2	1	1	-	-	1	73	36
North Carolina-----	-	1	-	-	11	16	3	1	-	3	20	35
South Carolina-----	-	-	-	-	7	16	1	-	1	-	28	11
Georgia-----	2	-	-	1	21	19	-	-	3	2	42	53
Florida-----	-	-	-	1	14	40	-	-	1	7	69	68
EAST SOUTH CENTRAL ¹ -----	-	1	-	-	19	46	1	4	59	44	501	881
Kentucky-----	-	-	-	-	1	11	1	1	41	17	263	351
Tennessee-----	-	1	-	-	5	4	-	2	13	17	131	364
Alabama-----	-	-	-	-	9	17	-	-	5	10	84	102
Mississippi-----	-	-	-	-	4	14	-	1	-	-	23	64
WEST SOUTH CENTRAL-----	-	2	4	2	56	82	2	1	25	32	426	417
Arkansas-----	-	1	1	-	9	6	-	-	3	3	38	34
Louisiana-----	-	-	1	-	6	7	-	-	-	5	5	26
Oklahoma-----	-	-	2	-	15	11	-	-	10	1	72	55
Texas-----	-	1	1	1	26	58	2	1	12	23	311	302
MOUNTAIN-----	-	-	3	1	34	11	-	1	44	26	1,061	558
Montana-----	-	-	-	-	15	2	-	-	19	6	121	78
Idaho-----	-	-	-	-	2	1	-	-	3	4	68	34
Wyoming-----	-	-	-	-	2	1	-	-	-	1	4	16
Colorado-----	-	-	-	-	5	1	-	-	6	5	81	75
New Mexico-----	-	-	-	-	5	1	-	-	5	6	155	207
Arizona-----	-	-	3	1	8	5	-	-	5	3	479	104
Utah-----	-	-	-	-	2	1	-	-	5	-	76	23
Nevada-----	-	-	-	-	-	-	-	-	1	1	77	21
PACIFIC-----	-	2	1	-	3	5	9	14	74	48	969	1,039
Washington-----	-	-	-	-	-	-	-	-	8	6	197	155
Oregon-----	-	-	-	-	1	1	-	-	16	15	116	227
California-----	-	2	1	-	2	4	9	14	50	27	656	657
Alaska-----	-	-	-	-	-	-	-	-	-	-	59	29
Hawaii-----	-	-	-	-	-	-	-	-	2	3	20	16
Puerto Rico-----	-	-	1	-	19	11	-	-	11	-	59	32

¹Data exclude report from Mississippi for current week.

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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 APRIL 20, 1957, AND APRIL 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 ²				Paralytic		Nonparalytic		110-117		085	
	16th week		Cumulative first 16 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 ¹ -----	12	32	266	624	5	12	2	17	-	3	36,869	20,794
NEW ENGLAND-----	-	-	6	5	-	-	-	-	-	-	3,426	1,123
Maine-----	-	-	2	1	-	-	-	-	-	-	211	163
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	185	4
Vermont-----	-	-	-	-	-	-	-	-	-	-	74	90
Massachusetts-----	-	-	1	1	-	-	-	-	-	-	1,773	454
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	275	35
Connecticut-----	-	-	3	3	-	-	-	-	-	-	908	377
MIDDLE ATLANTIC-----	1	1	12	22	-	-	-	-	-	-	5,943	3,628
New York-----	1	1	10	16	-	-	-	-	-	-	2,903	1,354
New Jersey-----	-	-	2	2	-	-	-	-	-	-	1,412	1,385
Pennsylvania-----	-	-	-	4	-	-	-	-	-	-	1,628	909
EAST NORTH CENTRAL-----	1	3	23	68	1	1	-	1	-	-	8,049	3,540
Ohio-----	-	-	4	12	-	-	-	-	-	-	1,049	373
Indiana-----	-	1	1	18	-	-	-	1	-	-	938	495
Illinois-----	-	-	4	7	-	-	-	-	-	-	1,056	344
Michigan-----	1	1	11	22	1	1	-	-	-	-	1,694	913
Wisconsin-----	-	1	3	9	-	-	-	-	-	-	3,312	1,415
WEST NORTH CENTRAL-----	-	-	10	57	-	-	-	-	-	-	956	1,329
Minnesota-----	-	-	1	2	-	-	-	-	-	-	49	654
Iowa-----	-	-	1	4	-	-	-	-	-	-	449	383
Missouri-----	-	-	2	16	-	-	-	-	-	-	187	137
North Dakota-----	-	-	1	-	-	-	-	-	-	-	159	142
South Dakota-----	-	-	3	2	-	-	-	-	-	-	6	9
Nebraska-----	-	-	2	22	-	-	-	-	-	-	106	3
Kansas-----	-	-	-	11	-	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	2	5	69	98	1	1	-	3	-	1	4,397	1,187
Delaware-----	-	-	1	1	-	-	-	-	-	-	29	8
Maryland-----	-	-	-	-	-	-	-	-	-	-	189	48
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	57	38
Virginia-----	1	2	3	11	1	-	-	2	-	-	1,116	259
West Virginia-----	-	-	4	4	-	-	-	-	-	-	519	19
North Carolina-----	-	1	20	13	-	-	-	-	-	-	262	61
South Carolina-----	-	-	3	22	-	-	-	-	-	-	877	256
Georgia-----	-	1	6	17	-	1	-	-	-	1	394	268
Florida-----	1	1	32	30	-	-	-	1	-	-	954	250
EAST SOUTH CENTRAL ¹ -----	1	1	24	43	-	1	-	-	-	1	3,260	2,778
Kentucky-----	-	-	12	2	-	-	-	-	-	1	968	1,478
Tennessee-----	-	-	4	12	-	-	-	-	-	-	1,669	772
Alabama-----	1	-	5	11	-	-	-	-	-	-	623	482
Mississippi-----	-	1	13	18	-	1	-	-	-	-	-	46
WEST SOUTH CENTRAL-----	2	7	40	140	2	3	-	4	-	-	5,974	1,866
Arkansas-----	1	1	4	8	1	-	-	1	-	-	84	43
Louisiana-----	-	1	7	26	-	-	-	1	-	-	7	20
Oklahoma-----	-	-	3	7	-	-	-	-	-	-	368	41
Texas-----	1	5	26	99	1	3	-	2	-	-	5,515	1,762
MOUNTAIN-----	1	2	23	45	1	1	-	1	-	-	2,113	1,503
Montana-----	-	-	2	2	-	-	-	-	-	-	359	51
Idaho-----	-	-	-	1	-	-	-	-	-	-	159	184
Wyoming-----	-	-	2	1	-	-	-	-	-	-	49	4
Colorado-----	1	-	5	8	1	-	-	-	-	-	356	189
New Mexico-----	-	-	10	3	-	-	-	-	-	-	544	219
Arizona-----	-	2	2	15	-	1	-	1	-	-	493	358
Utah-----	-	-	1	13	-	-	-	-	-	-	126	498
Nevada-----	-	-	1	2	-	-	-	-	-	-	27	-
PACIFIC-----	4	13	59	146	-	5	2	8	-	1	2,751	3,840
Washington-----	2	-	6	2	-	-	-	-	-	-	571	811
Oregon-----	-	3	6	16	-	3	-	-	-	-	359	634
California-----	2	10	47	128	-	2	2	8	-	1	1,821	2,395
Alaska-----	-	-	-	2	-	-	-	-	-	-	28	4
Hawaii-----	-	-	2	2	-	-	-	-	-	1	10	49
Puerto Rico-----	2	-	24	4	2	-	-	-	-	-	97	55

¹Data exclude report from Mississippi for current week.
²Includes cases not specified by type, category number 080.3.

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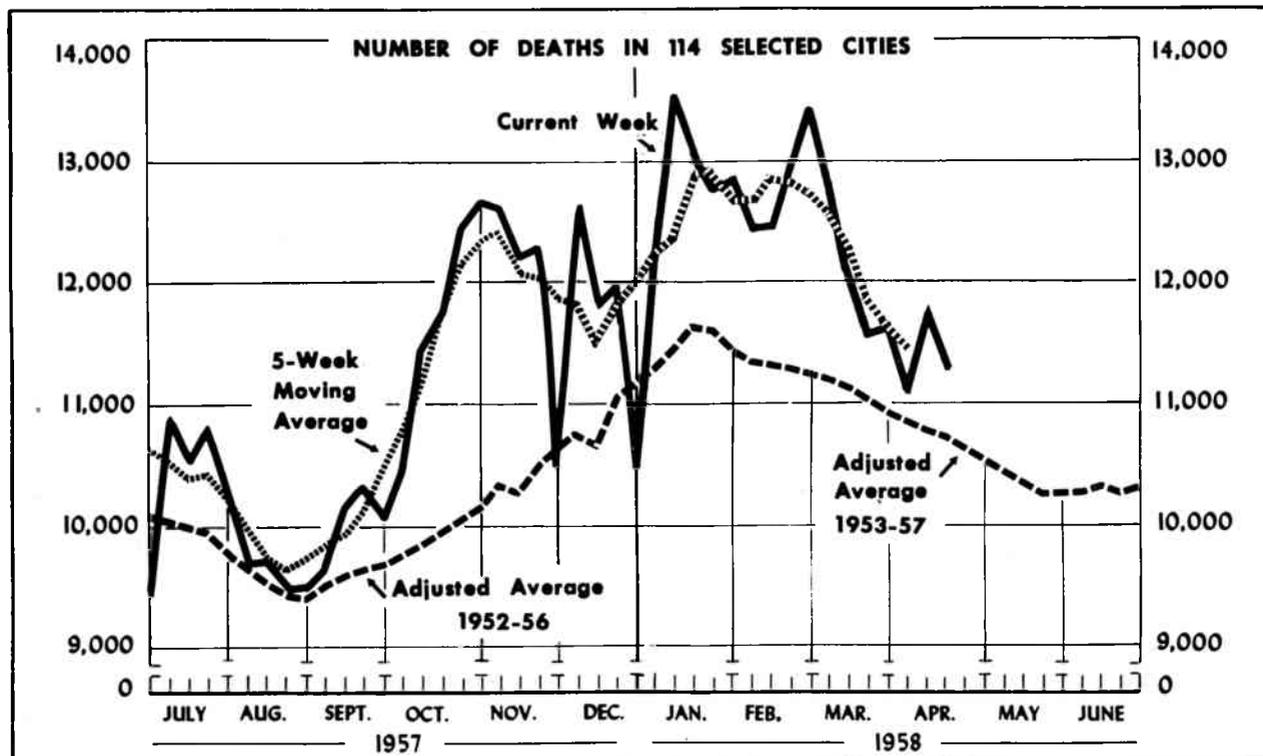
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 20, 1957, AND APRIL 19, 1958—Continued

(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		16th week		Cumulative first 16 weeks		101		
	057	1958	1957	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES ¹ -----	47	43	32	4	4	16	13	218	303	1	111	104
NEW ENGLAND-----	2	3	2	-	-	-	-	2	11	-	-	-
Maine-----	-	-	1	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	3	1	-	-	-	-	1	3	-	-	-
Rhode Island-----	1	-	-	-	-	-	-	-	4	-	-	-
Connecticut-----	1	-	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	6	6	-	-	-	1	2	23	33	-	3	3
New York-----	3	1	-	-	-	-	1	8	14	-	-	3
New Jersey-----	-	-	-	-	-	-	-	7	9	-	-	-
Pennsylvania-----	3	5	-	-	-	1	1	8	10	-	3	-
EAST NORTH CENTRAL-----	8	4	6	1	-	-	3	20	34	-	23	12
Ohio-----	1	-	-	-	-	-	1	7	16	-	13	10
Indiana-----	1	-	-	-	-	-	1	5	8	-	7	1
Illinois-----	4	-	5	-	-	-	-	-	2	-	1	-
Michigan-----	2	1	1	-	-	-	1	4	6	-	-	-
Wisconsin-----	-	3	-	1	-	-	-	4	2	-	2	1
WEST NORTH CENTRAL-----	4	1	1	2	1	1	1	25	28	-	15	20
Minnesota-----	-	-	-	2	1	-	-	2	2	-	4	9
Iowa-----	-	1	-	-	-	-	-	4	7	-	3	4
Missouri-----	1	-	1	-	-	-	1	12	11	-	5	6
North Dakota-----	-	-	-	-	-	-	-	-	1	-	2	-
South Dakota-----	2	-	-	-	-	-	-	-	3	-	-	-
Nebraska-----	1	-	-	-	-	-	-	1	-	-	1	1
Kansas-----	-	-	-	-	-	1	-	6	4	-	-	-
SOUTH ATLANTIC-----	10	11	7	-	1	7	2	41	63	-	21	30
Delaware-----	-	1	-	-	-	-	-	-	-	-	-	-
Maryland-----	1	-	2	-	-	-	-	2	1	-	-	-
District of Columbia-----	1	-	-	-	-	1	1	2	4	-	-	-
Virginia-----	2	2	3	-	-	-	-	5	13	-	5	6
West Virginia-----	-	1	1	-	-	-	-	7	11	-	3	8
North Carolina-----	1	2	-	1	-	-	-	10	8	-	1	1
South Carolina-----	2	2	-	-	-	-	-	2	3	-	4	7
Georgia-----	3	2	-	-	-	2	1	4	7	-	5	-
Florida-----	-	1	1	-	-	4	-	9	16	-	3	8
EAST SOUTH CENTRAL ¹ -----	3	9	4	-	-	1	-	21	52	-	20	20
Kentucky-----	1	1	1	-	-	1	-	6	16	-	11	14
Tennessee-----	1	2	3	-	-	-	-	7	21	-	6	-
Alabama-----	1	5	-	-	-	-	-	7	3	-	3	6
Mississippi-----	-	2	-	-	-	-	-	1	12	-	-	-
WEST SOUTH CENTRAL-----	8	1	4	-	-	4	3	54	47	1	23	18
Arkansas-----	-	-	-	-	-	-	-	1	8	-	6	3
Louisiana-----	2	-	-	-	-	2	-	30	7	-	8	5
Oklahoma-----	3	-	-	-	-	1	-	3	7	-	4	1
Texas-----	3	1	4	-	-	1	3	20	25	1	5	9
MOUNTAIN-----	3	2	5	-	-	1	1	11	15	-	1	1
Montana-----	-	-	1	-	-	-	-	1	1	-	-	-
Idaho-----	-	-	-	-	-	1	-	4	1	-	-	-
Wyoming-----	1	-	-	-	-	-	1	-	-	-	-	-
Colorado-----	1	2	1	-	-	-	-	-	2	-	-	-
New Mexico-----	-	-	2	-	-	-	-	5	6	-	-	-
Arizona-----	-	-	1	-	-	-	-	1	4	-	1	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	1	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	6	3	1	2	1	1	21	20	-	5	-
Washington-----	1	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	3	-	-	-	-	5	3	-	-	-
California-----	2	4	-	1	2	1	1	16	17	-	5	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	3	-	8	11	-	-	-

¹Data exclude report from Mississippi for current week.

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



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, 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	16th week ended Apr. 19, 1958	15th week ended Apr. 12, 1958	Adjusted average, 16th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 16 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	11,270	11,756	10,727	+5.1	197,919	179,957	+10.0
New England----- (14 cities)	736	740	705	+4.4	12,445	11,817	+5.3
Middle Atlantic----- (20 cities)	3,327	3,401	3,212	+3.6	57,814	52,249	+10.7
East North Central----- (19 cities)	2,447	2,393	2,333	+4.9	42,082	38,515	+9.3
West North Central----- (9 cities)	783	817	762	+2.8	13,965	12,591	+10.9
South Atlantic----- (11 cities)	962	1,099	882	+9.1	17,572	15,311	+14.8
East South Central----- (8 cities)	497	541	475	+4.6	9,447	7,998	+18.1
West South Central----- (13 cities)	898	989	808	+11.1	16,720	15,008	+11.4
Mountain----- (8 cities)	296	316	252	+17.5	5,052	4,453	+13.5
Pacific----- (12 cities)	1,324	1,460	1,299	+1.9	22,822	22,015	+3.7

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	16th week ended Apr. 19, 1958	15th week ended Apr. 12, 1958	CUMULATIVE NUMBER FIRST 16 WEEKS		AREA	16th week ended Apr. 19, 1958	15th week ended Apr. 12, 1958	CUMULATIVE NUMBER FIRST 16 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	257	231	4,303	4,036	St. Louis, Mo.-----	218	237	4,513	3,923
Bridgeport, Conn.-----	37	35	683	619	St. Paul, Minn.-----	67	77	1,293	1,073
Cambridge, Mass.-----	25	32	504	506	Wichita, Kans.-----	44	60	768	732
Fall River, Mass.-----	30	29	480	447	SOUTH ATLANTIC:				
Hartford, Conn.-----	60	55	891	848	Atlanta, Ga.-----	128	139	1,980	1,879
Lowell, Mass.-----	34	29	484	454	Baltimore, Md.-----	243	258	4,534	4,024
Lynn, Mass.-----	21	32	357	352	Charlotte, N. C.-----	35	60	610	592
New Bedford, Mass.-----	18	26	429	439	Jacksonville, Fla.-----	41	47	1,104	927
New Haven, Conn.-----	48	50	829	765	Miami, Fla.-----	73	76	1,335	816
Providence, R. I.-----	67	62	1,145	1,051	Norfolk, Va.-----	25	42	648	592
Somerville, Mass.-----	12	21	243	216	Richmond, Va.-----	101	89	1,311	1,231
Springfield, Mass.-----	45	44	692	717	Savannah, Ga.-----	32	31	604	492
Waterbury, Conn.-----	25	35	472	410	St. Petersburg, Fla.-----	(64)	(74)	(1,299)	---
Worcester, Mass.-----	57	59	933	957	Tampa, Fla.-----	61	102	1,278	1,089
MIDDLE ATLANTIC:					WASHINGTON, D. C.-----				
Albany, N. Y.-----	46	52	891	836	Washington, D. C.-----	185	211	3,516	3,073
Allentown, Pa.-----	37	38	580	645	Wilmington, Del.-----	38	44	652	596
Buffalo, N. Y.-----	149	162	2,723	2,397	EAST SOUTH CENTRAL:				
Camden, N. J.-----	56	52	780	642	Birmingham, Ala.-----	75	65	1,594	1,266
Elizabeth, N. J.-----	19	28	532	456	Chattanooga, Tenn.-----	43	59	881	777
Erie, Pa.-----	38	36	589	568	Knoxville, Tenn.-----	30	35	520	495
Jersey City, N. J.-----	69	73	1,292	1,161	Louisville, Ky.-----	123	100	1,982	1,780
Newark, N. J.-----	107	107	1,669	1,761	Memphis, Tenn.-----	104	121	2,061	1,744
New York City, N. Y.-----	1,682	1,664	29,305	26,411	Mobile, Ala.-----	38	39	725	562
Paterson, N. J.-----	39	63	753	645	Montgomery, Ala.-----	23	37	632	364
Philadelphia, Pa.-----	468	576	9,150	8,088	Nashville, Tenn.-----	61	65	1,052	1,010
Pittsburgh, Pa.-----	218	179	3,421	2,911	WEST SOUTH CENTRAL:				
Reading, Pa.-----	26	21	375	390	Austin, Tex.-----	27	37	572	500
Rochester, N. Y.-----	115	121	1,779	1,549	Baton Rouge, La.-----	26	22	515	431
Schenectady, N. Y.-----	26	30	416	369	Corpus Christi, Tex.-----	18	19	363	330
Scranton, Pa.-----	32	54	606	641	Dallas, Tex.-----	97	116	2,008	1,837
Syracuse, N. Y.-----	61	52	1,024	952	El Paso, Tex.-----	38	28	657	491
Trenton, N. J.-----	65	44	890	766	Fort Worth, Tex.-----	54	74	1,069	1,009
Utica, N. Y.-----	18	25	461	548	Houston, Tex.-----	146	175	2,798	2,480
Yonkers, N. Y.-----	36	24	558	513	Little Rock, Ark.-----	60	82	943	812
EAST NORTH CENTRAL:					New Orleans, La.-----				
Akron, Ohio-----	57	77	1,006	882	Oklahoma City, Okla.-----	66	70	1,189	1,024
Canton, Ohio-----	22	30	487	518	San Antonio, Tex.-----	84	86	1,687	1,581
Chicago, Ill.-----	812	732	13,558	12,347	Shreveport, La.-----	38	39	837	771
Cincinnati, Ohio-----	163	174	2,905	2,577	Tulsa, Okla.-----	75	41	877	810
Cleveland, Ohio-----	228	222	3,731	3,470	MOUNTAIN:				
Columbus, Ohio-----	105	128	2,034	1,843	Albuquerque, N. Mex.-----	37	40	460	403
Dayton, Ohio-----	72	74	1,323	1,211	Colorado Springs, Colo.-----	15	10	232	231
Detroit, Mich.-----	323	280	5,541	5,397	Denver, Colo.-----	101	123	1,975	1,866
Evansville, Ind.-----	39	50	690	502	Ogden, Utah-----	13	14	237	201
Flint, Mich.-----	40	27	630	622	Phoenix, Ariz.-----	37	64	804	491
Fort Wayne, Ind.-----	32	26	619	571	Pueblo, Colo.-----	14	12	203	212
Gary, Ind.-----	27	20	540	478	Salt Lake City, Utah-----	58	38	774	713
Grand Rapids, Mich.-----	45	35	746	654	Tucson, Ariz.-----	21	15	367	336
Indianapolis, Ind.-----	115	154	2,153	1,984	PACIFIC:				
Madison, Wis.-----	(33)	(36)	---	(529)	Berkeley, Calif.-----	23	17	338	310
Milwaukee, Wis.-----	130	154	2,404	2,110	Fresno, Calif.-----	(39)	(43)	(606)	---
Peoria, Ill.-----	44	24	577	475	Glendale, Calif.-----	(35)	(39)	(586)	---
Rockford, Ill.-----	(27)	(25)	(452)	(399)	Long Beach, Calif.-----	53	50	896	921
South Bend, Ind.-----	32	27	476	397	Los Angeles, Calif.-----	488	571	8,391	8,051
Toledo, Ohio-----	107	88	1,760	1,543	Oakland, Calif.-----	98	90	1,618	1,591
Youngstown, Ohio-----	54	71	902	934	Pasadena, Calif.-----	35	35	600	603
WEST NORTH CENTRAL:					Portland, Ore.-----				
Des Moines, Iowa-----	58	58	933	878	Sacramento, Calif.-----	86	129	1,668	1,553
Duluth, Minn.-----	27	25	411	410	Sacramento, Calif.-----	48	57	881	853
Kansas City, Kans.-----	36	21	502	511	San Diego, Calif.-----	95	93	1,420	1,351
Kansas City, Mo.-----	134	115	2,159	1,934	San Francisco, Calif.-----	192	165	3,349	3,199
Lincoln, Nebr.-----	(26)	(24)	(426)	---	San Jose, Calif.-----	(31)	(26)	(379)	---
Minneapolis, Minn.-----	129	159	2,207	1,987	Seattle, Wash.-----	130	163	2,257	2,173
Omaha, Nebr.-----	68	65	1,179	1,143	Spokane, Wash.-----	37	48	766	757
					Tacoma, Wash.-----				
					Honolulu, Hawaii-----				
					(34) (52) (635) (645)				

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.

GP D 938364

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