

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

July 13, 1956

Washington 25, D. C.

Vol. 5, No. 27

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 7, 1956

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
Total-----	275	405	1,864	3,048	2,931	4,111
Paralytic-----	129	170	945	1,188	1,528	1,652
Nonparalytic-----	91	162	617	1,076	902	1,366
Unspecified-----	55	73	302	784	501	1,093

EPIDEMIOLOGICAL REPORTS

Botulism

The California Department of Public Health has reported 4 suspect cases of botulism, with 2 deaths, since June 26, 1956. These cases were reported from 3 counties. Home-canned products were involved as possible sources of infection. Botulinus toxin, type A, was found in home-canned olives associated with 2 of the cases.

Anthrax

Dr. E. J. Witte, Pennsylvania Department of Health, has reported 2 cases of anthrax in persons employed by different woolen mills. One of the patients handles raw wool from South America and countries in the Near and Middle East. The specific duties of the other patient and the source of wool was not given. For one mill this was the third case of anthrax since 1948. The other cases occurred in 1954 and 1955.

Rabies in pet skunks

Dr. D. S. Fleming, Minnesota Department of Health, has reported the finding of Negri bodies in brains of 3 pet skunks. The source of the animals was a local fur farm. Quarantine has been established on the 21 skunks, 2 dogs, and several cats on this farm. An investigation revealed that in addition to skunks which are bred on the premises, litters of wild skunks are obtained when available. The litters are pooled, descented usually at or about the age of 4 weeks. During the spring 6 skunks were sold from this farm, 1 to Massachusetts, 1 to Ohio, and 4 to residents of Minnesota. Three of those sold locally have been proven rabid; the fourth is well and living. No loss nor illness has occurred among animals on the farm. Ten persons exposed to the rabid animals are receiving antirabic vaccine.

Leptospirosis

Dr. J. D. Martin, Louisiana State Department of Health, has reported a case of leptospirosis, the source of which most probably was a dog. *Leptospira icterohaemorrhagiae* was isolated from the kidney of the dog following death. Reports were received that the dog owner and members of his family had been ill. This was confirmed by the family physician who treated them with penicillin and achromycin. Blood specimen obtained

12 days after onset of the man's illness was positive for complement fixation antibodies against *L. canicola* in a titer of 1:32, and against *L. pomona* and *L. icterohaemorrhagiae* in titers of 1:128, each. A specimen collected about a month later was negative against all 3 antigens. Specimens collected from 3 other members of the family were negative. Blood was not collected from 2 small children.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, has reported 7 cases of psittacosis in a family of 10 persons. Diagnoses of these cases were confirmed by complement fixation tests. The patients claimed to have had no contact with birds other than 4 chicks purchased for Easter pets. No virus was isolated from any of these chicks.

Nocardiosis

Dr. R. L. Wenzel, Columbus (Ohio) Department of Health, has reported a fatal case of nocardiosis in a 45-year-old man. This man bumped his left elbow after which a tender red abscess developed and eventually became egg sized. Some yellowish blood-tinged fluid exuded from this abscess and the area was surgically excised 6 months later. The patient denied any further difficulty until 7 months later when he began to note some anorexia, malaise, and constant low fever. Shortly thereafter, he complained of chest pain and a productive cough of brownish-green, occasionally blood-tinged sputum. He lost about 25 pounds during the following 3 or 4 months. Approximately 1 year after excision of the skin abscess a lump developed on the lateral aspect of his left forearm. Organisms in the sputum were first thought to be actinomycotic in type but later proved to be *Nocardia asteroides*. The patient died approximately 15 months after his initial complaint. Autopsy showed widely disseminated nocardial lesions in heart, lungs, liver, pancreas, lymph nodes, and kidneys.

Infectious hepatitis

The California State Department of Public Health has reported 3 cases of infectious hepatitis among persons in a hospital. A 6-year-old patient in the hospital developed upper respiratory symptoms. The child also had nausea, vomiting, pale stools, dark urine, and jaundice. Liver function tests showed an icteric index of 60 percent. About the time of the child's illness, a nurse died who had worked in this hospital. The death was given as yellow atrophy of the liver of 2-weeks' duration due to recurrent hepatitis and diabetes of 1-month's duration. This person had been a relief nurse on the ward where the child was confined. Gamma globulin was administered to 126 individuals in the hospital. No other cases have occurred in the hospital. However, a 19-year-old son of the nurse has developed infectious hepatitis.

Typhoid fever

Dr. Morris Greenberg, New York City Health Department, has reported an outbreak of typhoid fever among some 200 persons who attended a party in a catering establishment. The first 3 cases, in girls, were confirmed by agglutination tests for *Salmonella typhi*. An epidemiological investigation was

made and stool specimens were collected from all guests whose names were supplied. In this manner, 4 additional cases were discovered. Stool specimens were collected from food handlers, and a salad man was found to be a carrier of *S. typhi*. This carrier had prepared a variety of hors d'oeuvres for the party. These foods were largely manipulated by hand in preparation.

Salmonellosis

The California State Department of Public Health has reported 4 cases of salmonellosis, 2 of which followed a buffet supper in a restaurant. Previously reported on May 26, an outbreak of gastro-enteritis involving 150 cases followed this supper. At that time the report gave staphylococcus as the organism isolated from stomach washings. *Salmonella typhimurium* has been isolated from the 2 persons who attended this supper. One of these was a pregnant woman who delivered a baby girl 17 days later. At the hospital where the baby was born, stool specimens were collected from 7 infants. Of these, 1 yielded *S. typhimurium*. A pathogenic coliform organism was isolated from the baby girl, but the type has not yet been identified. It was stated that *S. typhimurium* could have been the etiologic agent responsible for the outbreak:

Diarrheal illnesses

The California State Department of Public Health has reported 3 episodes of diarrheal illness in a hospital from March 1 through April 22. Cases also occurred among the employees during the entire period. A total of 449 cases and 26 repeat attacks were reported in the patient population of 2,931. Seventy-two cases were reported among the 600 paid employees. Of 51 cases in the first episode, 19 were positive for *Salmonella newport*. Most of the cases (331) occurred during the second episode. This was thought to be foodborne, but none of the food from the suspected meal was available for bacteriological examination. Twenty-seven rectal swabs were negative for enteric pathogens. A total of 67 cases was reported in the third episode. This outbreak appeared to be similar to the first and spread more slowly than the second. Of 45 specimens collected, 13 were positive for *S. typhimurium*. Several of the patients who had positive reports for *S. newport* during the first period were reexamined during the third and were found to be excreting *S. typhimurium*. No obvious explanation for changes in type was forthcoming. No source of infection was found for either of the episodes.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	27th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 7, 1956	Ended July 9, 1955	Median 1951-55	First 27 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	1	-	28	18	19	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	² 1	-	---	2	5	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)----044	16	23	---	522	629	---	---	---	---	---
Diphtheria-----055	20	10	25	846	719	1,077	20	10	25	July 1
Encephalitis, infectious-----082	25	23	18	795	704	642	166	144	107	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	275	407	---	11,928	20,324	---	---	---	---	---
Malaria-----110-117	4	16	---	102	179	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	8,017	6,713	6,713	551,731	499,223	499,223	580,829	553,692	553,692	Sept. 1
Meningococcal infections-----057	39	41	52	1,710	2,202	2,659	2,633	3,251	3,928	Sept. 1
Meningitis, other-----340	14	---	---	762	---	---	---	---	---	---
Poliomyelitis-----080	275	405	618	2,931	4,111	4,294	1,864	3,048	3,048	Apr. 1
Psittacosis-----096.2	17	---	---	281	163	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	-	5	3	3	(¹)	(¹)	(¹)	(¹)
Smallpox-----064	-	-	-	-	-	5	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	38	48	52	883	744	913	570	437	507	Apr. 1
Typhus fever, endemic-----101	7	8	---	52	63	---	(¹)	(¹)	(¹)	(¹)
Rabies in animals-----	47	65	109	2,869	3,086	4,158	3,896	4,439	5,702	Oct. 1

¹Frequencies are too small.

²Reported in California.

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, rabies in man, and smallpox are not shown in table 2.

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

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

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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 9, 1955 AND JULY 7, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		27th week		Cumulative first 27 weeks		082		27th week		Cumulative first 27 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	16	23	20	10	846	719	25	23	275	407	11,928	20,324
NEW ENGLAND-----	-	-	-	-	8	17	-	-	22	33	787	1,884
Maine-----	-	-	-	-	-	-	-	-	7	7	188	207
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	25	61
Vermont-----	-	-	-	-	-	1	-	-	3	3	99	144
Massachusetts-----	-	-	-	-	7	16	-	-	7	10	190	680
Rhode Island-----	-	-	-	-	-	-	-	-	2	1	102	267
Connecticut-----	-	-	-	-	-	-	-	-	3	12	183	525
MIDDLE ATLANTIC-----	1	-	2	-	40	34	8	9	48	93	2,555	5,139
New York-----	-	-	-	-	14	20	8	7	22	44	1,288	2,841
New Jersey-----	-	-	1	-	12	5	-	2	4	9	221	324
Pennsylvania-----	1	-	1	-	14	9	-	-	22	40	1,046	1,974
EAST NORTH CENTRAL-----	3	6	4	-	168	93	5	4	62	54	1,879	2,976
Ohio-----	-	1	-	-	13	26	3	-	24	14	462	510
Indiana-----	-	2	1	-	84	31	-	-	5	10	283	429
Illinois-----	2	1	-	-	4	4	-	1	5	3	438	730
Michigan-----	-	-	3	-	65	30	2	3	23	21	496	857
Wisconsin-----	1	2	-	-	2	2	-	-	5	6	200	450
WEST NORTH CENTRAL-----	6	9	-	2	84	85	1	1	34	47	1,032	2,578
Minnesota-----	1	4	-	-	25	28	-	-	14	12	308	908
Iowa-----	4	3	-	-	17	5	-	-	15	8	284	772
Missouri-----	-	1	-	-	9	8	1	-	-	1	54	281
North Dakota-----	-	-	-	-	-	-	-	1	3	20	82	166
South Dakota-----	-	1	-	-	5	31	-	-	-	5	124	250
Nebraska-----	-	-	1	-	25	11	-	-	1	-	83	60
Kansas-----	1	-	1	-	3	2	-	-	1	-	97	141
SOUTH ATLANTIC-----	2	2	2	3	163	185	1	-	12	33	728	1,765
Delaware-----	-	-	-	-	-	-	-	-	-	-	23	35
Maryland-----	-	-	-	-	-	9	-	-	-	12	66	246
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	11	35
Virginia-----	-	1	-	-	21	13	1	-	4	13	294	758
West Virginia-----	-	-	-	-	5	11	-	-	5	-	34	194
North Carolina-----	1	-	2	-	24	30	-	-	3	3	69	215
South Carolina-----	-	-	3	-	36	38	-	-	-	1	44	43
Georgia-----	-	1	-	-	30	56	-	-	-	3	95	103
Florida-----	1	-	-	-	46	26	-	-	-	1	92	136
EAST SOUTH CENTRAL-----	1	-	1	1	112	112	1	1	24	17	1,031	1,030
Kentucky-----	-	-	-	-	8	36	1	-	8	4	317	173
Tennessee-----	-	-	-	-	19	19	-	1	7	6	467	416
Alabama-----	-	-	-	-	53	36	-	-	2	2	103	185
Mississippi-----	1	-	1	1	32	21	-	-	7	5	144	256
WEST SOUTH CENTRAL-----	2	3	6	4	211	153	-	-	32	42	896	1,066
Arkansas-----	-	-	-	-	17	7	-	-	3	2	88	156
Louisiana-----	-	1	1	-	22	18	-	-	3	2	82	80
Oklahoma-----	1	-	2	2	54	20	-	-	2	3	61	109
Texas-----	1	2	5	2	118	108	-	-	24	35	665	721
MOUNTAIN-----	1	2	2	-	19	11	1	-	18	20	1,103	1,528
Montana-----	-	-	-	-	-	3	1	-	8	4	288	205
Idaho-----	-	-	-	-	1	-	-	-	4	4	148	173
Wyoming-----	-	-	-	-	3	-	-	-	-	1	62	61
Colorado-----	-	1	-	-	3	-	-	-	1	6	237	299
New Mexico-----	-	-	2	-	4	1	-	-	3	1	100	273
Arizona-----	-	-	-	-	5	4	-	-	2	3	216	453
Utah-----	1	1	-	-	3	1	-	-	-	1	50	44
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	-	1	3	-	41	29	8	8	23	68	1,917	2,358
Washington-----	-	-	-	-	5	13	-	-	5	11	410	523
Oregon-----	-	-	2	-	10	-	-	-	4	17	376	653
California-----	-	1	1	-	26	16	8	8	14	40	1,151	1,182
Alaska-----	-	-	-	-	-	-	-	-	-	4	58	179
Hawaii-----	-	-	-	-	-	-	-	-	2	1	29	28
Puerto Rico-----	-	-	1	-	41	51	-	-	6	-	137	43

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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 9, 1955 AND JULY 7, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	27th week		Cumulative first 27 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	275	405	2,931	4,111	129	170	91	162	4	16	8,017	6,713
NEW ENGLAND-----	5	34	63	90	2	21	3	11	-	-	139	494
Maine-----	-	2	10	8	-	-	-	1	-	-	2	44
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	19	5
Vermont-----	2	3	11	16	2	1	-	2	-	-	18	94
Massachusetts-----	1	24	27	43	-	20	1	3	-	-	59	217
Rhode Island-----	-	-	2	4	-	-	-	-	-	-	-	6
Connecticut-----	2	5	11	16	-	-	2	5	-	-	41	128
MIDDLE ATLANTIC-----	11	35	171	434	3	9	3	15	-	-	2,282	1,633
New York-----	5	25	115	266	2	9	2	15	-	-	1,251	812
New Jersey-----	3	3	23	53	1	-	1	-	-	-	460	523
Pennsylvania-----	3	7	33	115	-	-	-	-	-	-	571	298
EAST NORTH CENTRAL-----	62	49	324	483	22	16	19	21	-	-	2,037	1,958
Ohio-----	11	14	50	134	1	4	1	4	-	-	626	296
Indiana-----	10	6	27	40	4	-	1	2	-	-	161	64
Illinois-----	35	5	131	121	17	3	14	-	-	-	343	285
Michigan-----	4	18	67	127	-	6	3	12	-	-	437	197
Wisconsin-----	2	6	49	61	-	3	-	3	-	-	470	1,116
WEST NORTH CENTRAL-----	17	40	154	303	5	16	8	20	-	1	231	214
Minnesota-----	1	13	23	62	1	7	-	6	-	-	15	16
Iowa-----	5	11	40	73	1	2	4	9	-	-	136	110
Missouri-----	6	4	45	38	2	3	2	1	-	-	36	13
North Dakota-----	2	3	6	14	-	-	2	2	-	-	24	36
South Dakota-----	-	3	10	28	-	1	-	2	-	-	-	13
Nebraska-----	1	3	14	39	-	3	-	-	-	-	19	5
Kansas-----	2	3	16	49	1	-	-	-	-	1	1	21
SOUTH ATLANTIC-----	21	49	274	611	12	21	8	22	1	2	916	254
Delaware-----	1	3	4	24	1	2	-	-	-	-	18	1
Maryland-----	1	7	14	40	1	4	-	3	-	-	48	36
District of Columbia-----	-	1	1	6	-	-	-	1	-	-	3	4
Virginia-----	1	7	23	53	-	3	1	4	1	1	298	44
West Virginia-----	1	2	14	31	1	-	-	2	-	-	135	105
North Carolina-----	6	8	46	69	4	1	2	5	-	-	92	14
South Carolina-----	3	12	25	53	1	6	2	4	-	-	146	20
Georgia-----	2	6	24	80	1	5	1	-	-	-	67	12
Florida-----	6	3	123	255	3	-	2	3	-	1	109	18
EAST SOUTH CENTRAL-----	22	23	142	251	8	7	1	4	-	-	623	92
Kentucky-----	9	5	45	72	-	4	-	1	-	-	176	12
Tennessee-----	1	10	23	45	1	3	-	3	-	-	294	36
Alabama-----	-	8	10	59	-	-	-	-	-	-	124	25
Mississippi-----	12	-	64	75	7	-	1	-	-	-	29	19
WEST SOUTH CENTRAL-----	83	101	800	866	40	43	35	38	-	8	660	554
Arkansas-----	5	5	23	52	3	2	2	3	-	-	46	15
Louisiana-----	19	8	170	148	16	3	3	5	-	-	53	7
Oklahoma-----	10	12	53	55	2	-	-	3	-	1	41	98
Texas-----	49	76	554	611	19	38	30	27	-	7	520	434
MOUNTAIN-----	18	22	158	339	9	6	6	10	1	-	462	469
Montana-----	-	1	10	21	-	-	-	1	-	-	91	96
Idaho-----	2	7	21	110	2	4	-	1	-	-	42	5
Wyoming-----	1	-	7	11	1	-	-	-	1	-	3	3
Colorado-----	4	2	21	58	2	1	1	1	-	-	125	138
New Mexico-----	5	8	18	32	3	1	2	7	-	-	99	52
Arizona-----	4	-	54	33	1	-	3	-	-	-	64	145
Utah-----	1	-	14	30	-	-	-	-	-	-	38	6
Nevada-----	1	4	13	44	-	-	-	-	-	-	-	26
PACIFIC-----	36	52	845	734	28	31	8	21	2	5	667	1,045
Washington-----	1	5	34	64	1	3	-	2	-	-	149	114
Oregon-----	2	1	51	71	1	4	1	-	1	-	111	103
California-----	33	43	760	599	26	24	7	19	1	5	407	828
Alaska-----	-	1	6	10	-	-	-	-	-	-	1	21
Hawaii-----	-	3	49	25	-	3	-	-	2	-	109	74
Puerto Rico-----	1	5	29	418	1	5	-	-	-	-	11	26

¹Includes cases not specified by type, category number 080.3.²Includes delayed cases with onset late in 1954.

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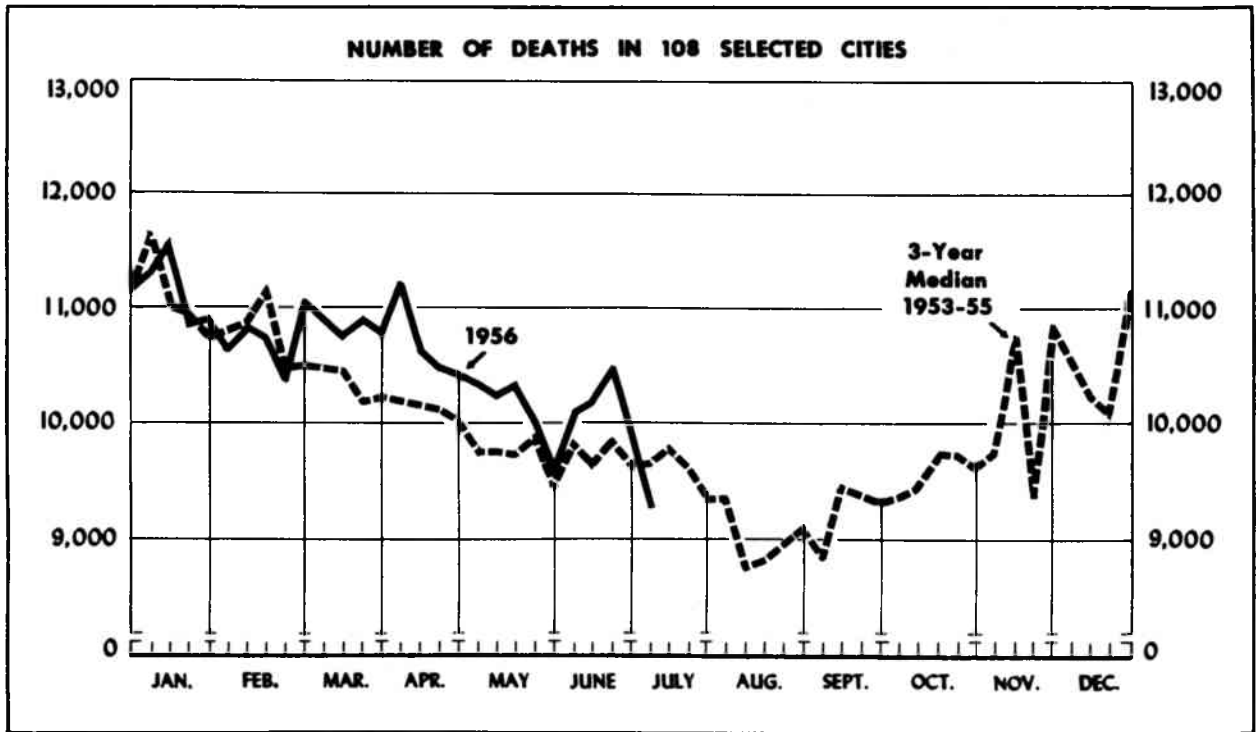
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 9, 1955 AND JULY 7, 1956--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		27th week		Cumulative first 27 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	39	41	14	17	-	38	48	883	744	7	47	65
NEW ENGLAND-----	1	1	5	-	-	2	1	34	17	-	-	-
Maine-----	-	-	2	-	-	-	1	10	4	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	1	2	-	-	-	-	11	8	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	3	1	-	-	-
Connecticut-----	-	-	-	-	-	2	-	9	4	-	-	-
MIDDLE ATLANTIC-----	9	7	-	-	-	6	5	124	83	1	5	3
New York-----	4	5	-	-	-	1	1	34	14	-	4	3
New Jersey-----	2	1	-	-	-	2	-	14	9	-	-	-
Pennsylvania-----	3	1	-	-	-	3	4	76	60	1	1	-
EAST NORTH CENTRAL-----	8	7	2	2	-	7	3	135	72	-	6	5
Ohio-----	2	2	-	-	-	2	2	29	31	-	3	1
Indiana-----	-	2	-	-	-	1	-	14	5	-	2	1
Illinois-----	1	3	2	2	-	2	1	19	19	-	1	-
Michigan-----	4	-	-	-	-	1	-	32	13	-	-	2
Wisconsin-----	1	-	-	-	-	1	-	41	4	-	-	1
WEST NORTH CENTRAL-----	4	-	-	-	-	2	3	121	46	-	8	9
Minnesota-----	-	-	-	-	-	1	-	32	4	-	1	2
Iowa-----	1	-	-	-	-	1	2	48	14	-	3	5
Missouri-----	2	-	-	-	-	-	1	22	18	-	3	-
North Dakota-----	-	-	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	4	-	1	2
Kansas-----	1	-	-	-	-	-	-	5	2	-	-	-
SOUTH ATLANTIC-----	6	7	2	9	-	5	6	139	145	1	13	21
Delaware-----	-	-	-	-	-	-	-	1	-	-	1	-
Maryland-----	2	1	-	1	-	1	2	10	6	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	10	3	-	-	-
Virginia-----	2	1	1	-	-	1	-	22	21	-	5	2
West Virginia-----	-	-	-	-	-	-	1	13	16	-	1	7
North Carolina-----	1	4	-	7	-	-	1	18	15	-	1	4
South Carolina-----	-	-	-	-	-	-	1	13	20	1	5	4
Georgia-----	1	1	1	1	-	1	-	30	28	-	-	4
Florida-----	-	-	-	-	-	2	1	22	36	-	-	-
EAST SOUTH CENTRAL-----	1	7	-	-	-	6	8	95	98	-	10	10
Kentucky-----	-	3	-	-	-	-	5	17	53	-	2	5
Tennessee-----	-	3	-	-	-	1	1	45	20	-	-	-
Alabama-----	1	1	-	-	-	-	2	8	19	-	8	4
Mississippi-----	-	-	-	-	-	5	-	25	6	-	-	1
WEST SOUTH CENTRAL-----	6	8	4	-	-	7	16	154	178	5	2	7
Arkansas-----	-	1	1	-	-	3	3	31	35	-	1	1
Louisiana-----	3	-	-	-	-	-	2	28	42	-	1	-
Oklahoma-----	-	-	-	-	-	-	4	20	29	-	-	-
Texas-----	3	7	3	-	-	4	7	75	72	5	-	6
MOUNTAIN-----	1	-	1	-	-	-	6	26	58	-	-	1
Montana-----	-	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	2	4	-	-	-
Wyoming-----	-	-	1	-	-	-	1	2	6	-	-	-
Colorado-----	-	-	-	-	-	-	2	7	6	-	-	-
New Mexico-----	-	-	-	-	-	-	3	7	28	-	-	1
Arizona-----	-	-	-	-	-	-	-	5	11	-	-	-
Utah-----	1	-	-	-	-	-	-	1	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	4	-	6	-	3	-	55	47	-	3	9
Washington-----	1	-	-	-	-	-	-	1	1	-	-	-
Oregon-----	1	-	-	5	-	-	-	6	4	-	-	-
California-----	1	4	-	1	-	3	-	48	42	-	3	9
Alaska-----	-	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	3	-	-	1	-	32	26	-	-	1

³Brill's disease.

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) 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 to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that 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.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their 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 DIVISION

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

AREA	27th week ended July 7, 1956	26th week ended June 30, 1956	27th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 27 WEEKS		
					1956	1955	Percent change
TOTAL: 106 REPORTING CITIES-----	9,171	9,742	9,532	-3.8	281,258	273,911	+2.7
New England----- (14 cities)	594	650	649	-8.5	18,920	19,085	-0.9
Middle Atlantic----- (17 cities)	2,681	2,839	2,820	-4.9	83,104	82,458	+0.8
East North Central----- (18 cities)	2,130	2,107	1,992	+6.9	62,531	60,451	+3.4
West North Central----- (9 cities)	637	743	732	-13.0	20,443	19,392	+5.4
South Atlantic----- (9 cities)	728	729	818	-11.0	22,037	20,781	+6.0
East South Central----- (7 cities)	339	336	339	0	10,033	9,758	+2.8
West South Central----- (12 cities)	740	841	737	+0.4	22,202	20,853	+6.5
Mountain----- (8 cities)	223	244	226	-1.3	6,776	6,533	+3.7
Pacific----- (12 cities)	1,099	1,253	1,115	-1.4	35,212	34,600	+1.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 7, 1956
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	27th week ended July 7, 1956	26th week ended June 30, 1956	CUMULATIVE NUMBER FIRST 27 WEEKS		CITY	27th week ended July 7, 1956	26th week ended June 30, 1956	CUMULATIVE NUMBER FIRST 27 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	188	191	6,408	6,541	St. Louis, Mo.-----	206	223	6,500	5,887
Bridgeport, Conn.-----	25	46	993	1,049	St. Paul, Minn.-----	58	58	1,803	1,753
Cambridge, Mass.-----	29	33	847	784	Wichita, Kans.-----	43	57	1,106	1,012
Fall River, Mass.-----	19	39	788	763	SOUTH ATLANTIC				
Hartford, Conn.-----	39	49	1,316	1,281	Atlanta, Ga.-----	90	95	2,989	2,761
Lovell, Mass.-----	26	18	661	686	Baltimore, Md.-----	208	212	6,336	6,109
Lynn, Mass.-----	29	18	596	629	Charlotte, N. C.-----	24	36	840	788
New Bedford, Mass.-----	19	24	638	681	Jacksonville, Fla.-----	(46)	(41)	(1,401)	(1,289)
New Haven, Conn.-----	33	46	1,293	1,239	Miami, Fla.-----	47	48	1,393	1,421
Providence, R. I.-----	61	63	1,718	1,779	Norfolk, Va.-----	38	18	883	858
Somerville, Mass.-----	18	11	460	434	Richmond, Va.-----	79	65	1,942	1,747
Springfield, Mass.-----	44	43	1,155	1,135	Savannah, Ga.-----	(33)	(36)	(799)	(766)
Waterbury, Conn.-----	13	24	677	681	Tampa, Fla.-----	43	48	1,626	1,512
Worcester, Mass.-----	51	45	1,370	1,403	Washington, D. C.-----	180	174	5,083	4,597
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	43	51	1,343	1,289	Birmingham, Ala.-----	68	80	2,107	2,074
Allentown, Pa.-----	(32)	(45)	(1,056)	(1,009)	Chattanooga, Tenn.-----	30	45	1,143	1,186
Buffalo, N. Y.-----	102	155	3,844	3,697	Knoxville, Tenn.-----	35	20	944	883
Camden, N. J.-----	37	49	1,073	1,000	Louisville, Ky.-----	---	(91)	---	(2,856)
Elizabeth, N. J.-----	17	17	774	756	Memphis, Tenn.-----	102	93	2,715	2,657
Erie, Pa.-----	30	26	922	971	Mobile, Ala.-----	32	29	902	798
Jersey City, N. J.-----	53	63	1,968	1,944	Montgomery, Ala.-----	29	34	785	707
Newark, N. J.-----	91	115	2,712	2,770	Nashville, Tenn.-----	43	35	1,437	1,453
New York City, N. Y.-----	1,410	1,459	43,408	43,531	WEST SOUTH CENTRAL				
Paterson, N. J.-----	30	35	1,000	1,046	Austin, Tex.-----	21	34	784	672
Philadelphia, Pa.-----	431	477	13,296	13,083	Baton Rouge, La.-----	(10)	(32)	---	(598)
Pittsburgh, Pa.-----	180	154	5,076	4,833	Corpus Christi, Tex.-----	11	19	499	472
Reading, Pa.-----	(23)	(19)	(601)	(623)	Dallas, Tex.-----	86	109	2,816	2,635
Rochester, N. Y.-----	93	75	2,553	2,546	El Paso, Tex.-----	28	23	753	778
Schenectady, N. Y.-----	17	26	628	620	Fort Worth, Tex.-----	50	65	1,574	1,462
Scranton, Pa.-----	(26)	(42)	(976)	(908)	Houston, Tex.-----	133	124	3,633	3,413
Syracuse, N. Y.-----	61	49	1,615	1,500	Little Rock, Ark.-----	59	51	1,258	1,195
Trenton, N. J.-----	31	43	1,229	1,277	New Orleans, La.-----	143	153	4,408	4,080
Utica, N. Y.-----	29	27	822	820	Oklahoma City, Okla.-----	63	75	1,669	1,526
Yonkers, N. Y.-----	26	18	841	775	San Antonio, Tex.-----	88	77	2,360	2,360
EAST NORTH CENTRAL					MOUNTAIN				
Akron, Ohio-----	55	44	1,444	1,461	Albuquerque, N. Mex.-----	22	25	622	630
Canton, Ohio-----	22	25	789	729	Colorado Springs, Colo.-----	7	14	352	368
Chicago, Ill.-----	692	666	20,498	19,667	Denver, Colo.-----	101	118	3,017	2,984
Cincinnati, Ohio-----	117	147	4,176	4,036	Ogden, Utah-----	13	9	336	281
Cleveland, Ohio-----	231	178	5,677	5,309	Phoenix, Ariz.-----	22	23	732	659
Columbus, Ohio-----	97	95	2,954	2,960	Pueblo, Colo.-----	8	18	329	352
Dayton, Ohio-----	74	75	1,834	1,771	Salt Lake City, Utah-----	46	32	1,242	1,135
Detroit, Mich.-----	285	334	8,817	8,865	Tucson, Ariz.-----	4	5	146	124
Evansville, Ind.-----	26	31	926	860	PACIFIC				
Flint, Mich.-----	33	40	1,077	985	Berkeley, Calif.-----	13	20	471	498
Fort Wayne, Ind.-----	35	31	987	933	Long Beach, Calif.-----	52	49	1,444	1,344
Gary, Ind.-----	(41)	(27)	(816)	(742)	Los Angeles, Calif.-----	380	456	12,864	12,368
Grand Rapids, Mich.-----	47	33	1,172	1,151	Oakland, Calif.-----	70	80	2,491	2,394
Indianapolis, Ind.-----	106	119	3,231	2,932	Pasadena, Calif.-----	35	27	970	965
Milwaukee, Wis.-----	130	101	3,401	3,387	Portland, Oreg.-----	75	74	2,588	2,606
Peoria, Ill.-----	30	19	748	786	Sacramento, Calif.-----	55	51	1,323	1,350
South Bend, Ind.-----	19	26	661	667	San Diego, Calif.-----	65	81	2,041	2,048
Toledo, Ohio-----	79	90	2,599	2,652	San Francisco, Calif.-----	154	187	5,228	5,138
Youngstown, Ohio-----	52	53	1,540	1,390	Seattle, Wash.-----	122	130	3,494	3,580
WEST NORTH CENTRAL					PACIFIC				
Des Moines, Iowa-----	39	63	1,394	1,336	Spokane, Wash.-----	41	56	1,275	1,254
Duluth, Minn.-----	19	23	730	690	Tacoma, Wash.-----	37	42	1,023	1,055
Kansas City, Kans.-----	25	34	849	976	Honolulu, Hawaii-----	(28)	(36)	(959)	(974)
Kansas City, Mo.-----	99	116	2,986	2,920					
Minneapolis, Minn.-----	108	103	3,313	3,156					
Omaha, Nebr.-----	40	66	1,762	1,662					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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