

Morbidity and Mortality

Weekly
Report



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HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 2, 1956

The number of poliomyelitis cases reported for the current week (121) is only 8 percent greater than for the previous week (112), but is slightly less than half of the total for the same week last year. For the same week in the previous 5 years, the numbers of cases reported were 115 in 1951; 119 in 1952; 247 in 1953; 224 in 1954; and 248 in 1955.

For the current week, 32 cases were reported in Texas, 19 in California, 10 in Florida, 9 in Illinois, 8 in Louisiana, and 6 in Iowa. No other State reported more than 3 cases.

The number of poliomyelitis cases reported for the current week, disease year, and calendar year are shown below.

	Current week		Disease year		Calendar year	
	1956	1955	1956	1955	1956	1955
Total -----	121	248	797	1,471	1,865	2,534
Paralytic -----	60	90	411	580	995	1,044
Nonparalytic --	36	91	255	486	540	776
Unspecified ---	25	67	131	405	330	714

The number of poliomyelitis cases by type are shown below for the 8-week period from April 1 to May 26, 1956, with comparable data for 1955, for each geographic division.

NUMBER REPORTED

	1956			1955		
	Par. ¹	Nonpar. ²	Unspec. ³	Par. ¹	Nonpar. ²	Unspec. ³
New England ---	6	4	-	5	5	2
Middle Atlantic	16	5	17	23	18	73
E. N. Central ---	31	23	16	51	28	63
W. N. Central ---	12	16	10	27	44	20
South Atlantic	16	22	9	78	73	27
E. S. Central ---	12	14	11	20	21	15
W. S. Central ---	124	58	30	123	87	46
Mountain -----	11	8	12	26	19	88
Pacific -----	123	69	1	137	100	4

¹Paralytic.

²Nonparalytic.

³Unspecified.

EPIDEMIOLOGICAL REPORTS

Typhoid fever

Dr. J. D. Martin, Louisiana State Department of Health, has reported that *Salmonella typhosa* phage type 35 was identified for the first time in the State in April 1956. The organism was isolated from a stool specimen from a 39-year-old man from whom *S. typhosa* "untypable" had been isolated in the past. This man was examined at the time of an investigation of his 7-year-old son who was suspected to be the source of infection of a child in Nevada. The Louisiana boy had spent 2 months in Nevada with a child who became ill 1 week following the boy's return to Louisiana. Investigation of the Louisiana child's family uncovered 4 persons, including the child, from whose stools *S. typhosa* was isolated. None of these persons gave a history of antecedent typhoid fever.

Louisiana has 142 typhoid carriers under surveillance at the present time. Organisms being excreted by each have been phage typed for all but 16. The majority of those typed are E₁ (34), W form (21), and C (19). Eleven other types, including "untypable," have been identified.

Connecticut has reported 5 cases of typhoid fever since January 1, 1956. The sources of infection for 4 patients were traced to their grandmothers as carriers. The other patient probably contracted the infection in the Caribbean.

Streptococcal disease

Dr. D. S. Fleming, Minnesota Department of Health, has reported 2 outbreaks of streptococcal disease. One occurred among 505 girls in a school. Of these, 207 had fever and a follicular tonsillitis or pharyngitis. Moderate lymphadenopathy was noted. Recovery was prompt with oral penicillin therapy. A sharp rise in incidence indicated a common source of infection, but the investigation was made 3 weeks later and no extensive bacteriological or food surveys were made. A secondary peak incidence in day students occurred about 5 days later than the first. This indicated a secondary infection and probably was not related to food as about two thirds brought their lunches. Cultures from 3 individuals showed no characteristic organisms.

The other outbreak was in a rural area in the southwestern part of the State where an unusual incidence of acute glomerulonephritis was reported. There were 6 cases in children, ages 7 to 11. Each case was connected with 1 or more other cases through association in school, on a bus, or through family visiting. Bacteriological studies were undertaken and 91 throat cultures, including those from cases, were taken. Beta hemolytic streptococci was recovered in 7 instances. Further study showed 2 of these were group A, one a type 12.

Trichiniasis

Dr. Richard L. Wenzel, Columbus (Ohio) Department of Health, has reported 2 cases of trichiniasis. A housewife and her 8-year-old daughter both sampled a ground pork preparation prior to cooking it, the mother eating the larger quantity. Approximately 2 weeks later the mother noted extreme malaise and puffy eyelids. This was followed by extreme generalized myalgia, headache, fever, and progressive periorbital and facial edema until the face had a moon-like appearance. Five days after the onset of illness a blood count showed leukocytosis with an eosinophilia of 65 percent. Two days after onset of symptoms in the mother, the child developed similar symptoms but of a milder degree. Her blood count showed 11 percent eosinophilia. The meat had been purchased from a local market, but no samples were available for laboratory examination.

Newcastle disease

The Maine Department of Health and Welfare has reported a human case of Newcastle disease. This is a disease of poultry that occasionally is transmitted to man. The disease is known to be widely prevalent among Maine poultry flocks but the number of cases of human infection is not known. The patient was employed for 10 years eviscerating chickens at a poultry plant. He wore rubber gloves which, when through work, he cleaned with bare hands under running water. Symptoms of the disease

first consisted of redness, swelling and stiffness of hands, followed by exfoliation. Later, manifestations appeared on elbows, back of neck, ears, feet, and knees. The Communicable Disease Center, PHS, reported the neutralization index on 2 sera as 9 in the first and 70 in the second. These results were stated to be "compatible with recent infection with Newcastle disease virus."

The Division of Animal Industry of the Maine Department of Agriculture reports wide usage of a vaccine in dust form for immunization of poultry flocks. A case has been reported in a man who used the vaccine dust and who developed conjunctivitis and severe respiratory symptoms. Whether this represents real infection or an allergic reaction is uncertain.

The disease in man is said to have a short incubation period and usually to manifest itself by an influenza-like illness or by superficial conjunctivitis with or without preauricular lymphadenitis, headache, malaise, chills, and fever. In children, the disease may present itself as a mild meningitis.

Gastro-enteritis of unknown etiology

The California Department of Public Health has reported an outbreak of gastro-enteritis among persons in a labor camp. Approximately 70 persons developed an illness characterized by abdominal cramps and diarrhea during a 7-day period. The details obtained in the investigation suggested that this outbreak was an infection of unknown etiology, most probably spread by person-to-person contact. The majority of men in camp had been working there about 2 weeks, but additions to the work force had been made during the preceding week. It was concluded that infection may have been introduced by one or more of the late arrivals. An investigation of the food service facilities revealed an excellent operation with no significant deviations from accepted food-handling techniques. Other facilities in the camp were considered adequate with the exception of unprotected privies and the presence of flies within the sleeping quarters. The water supply was from a protected source and

Continued on page 8

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	22d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 2, 1956	Ended June 4, 1955	Median 1951-55	First 22 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	1 ¹	1	1	27	15	18	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	-	5	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	14	32	---	410	506	---	---	---	---	---
Diphtheria-----055	22	17	31	732	634	933	2,062	1,851	2,582	July 1
Encephalitis, infectious-----082	35	29	26	629	560	541	1,580	1,912	1,322	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	318	537	---	10,406	18,044	---	---	---	---	---
Malaria-----110-117	4	10	---	82	113	---	(²)	(²)	(²)	(²)
Measles-----085	24,746	18,656	18,894	467,876	439,884	439,884	496,974	494,353	494,353	Sept. 1
Meningococcal infections-----057	54	60	79	1,490	1,932	2,321	2,413	2,981	3,590	Sept. 1
Meningitis, other-----340	16	---	---	630	---	---	---	---	---	---
Poliomyelitis-----080	121	248	224	1,865	2,534	2,534	797	1,471	1,235	Apr. 1
Psittacosis-----096.2	5	11	---	182	150	---	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	-	3	3	(²)	(²)	(²)	(²)
Smallpox-----084	-	-	-	-	-	5	(²)	(²)	(²)	(²)
Typhoid fever-----040	35	21	29	657	572	651	344	265	265	Apr. 1
Typhus fever, endemic-----101	1	-	---	34	39	---	(²)	(²)	(²)	(²)
Rabies in animals-----	84	65	136	2,530	2,664	3,577	3,557	4,017	5,121	Oct. 1

¹Reported in Pennsylvania.

²Frequencies are too small.

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 JUNE 4, 1955 AND JUNE 2, 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, INFECTIONIS		HEPATITIS, INFECTIONIS, AND SERUM 092,N998.5 pt.			
	044		22d week		Cumulative first 22 weeks		082		22d week		Cumulative first 22 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	14	32	22	17	732	634	35	29	318	537	10,406	18,044
NEW ENGLAND-----	-	-	-	-	7	16	-	2	21	72	677	1,667
Maine-----	-	-	-	-	-	-	-	-	3	10	162	165
New Hampshire-----	-	-	-	-	1	-	-	-	1	3	25	59
Vermont-----	-	-	-	-	-	1	-	-	-	21	92	139
Massachusetts-----	-	-	-	-	6	15	-	2	6	10	153	601
Rhode Island-----	-	-	-	-	-	-	-	-	6	10	82	231
Connecticut-----	-	-	-	-	-	-	-	-	5	18	163	472
MIDDLE ATLANTIC-----	-	1	-	-	32	29	11	6	66	145	2,208	4,583
New York-----	-	-	-	-	10	18	11	4	28	76	1,131	2,478
New Jersey-----	-	-	-	-	10	4	-	2	6	7	190	292
Pennsylvania-----	-	1	-	-	12	7	-	-	32	62	887	1,813
EAST NORTH CENTRAL-----	2	14	4	3	143	84	4	8	61	52	1,646	2,655
Ohio-----	-	2	-	2	13	24	-	-	12	9	402	453
Indiana-----	-	-	2	1	74	30	-	-	5	10	258	394
Illinois-----	-	4	-	-	3	3	1	1	11	9	392	680
Michigan-----	2	6	2	-	52	25	3	7	29	7	423	746
Wisconsin-----	-	2	-	-	1	2	-	-	4	17	171	382
WEST NORTH CENTRAL-----	5	9	3	-	79	80	3	3	25	44	897	2,358
Minnesota-----	1	5	-	-	25	27	-	-	8	21	261	820
Iowa-----	4	2	1	-	17	5	-	-	9	2	235	715
Missouri-----	-	1	-	-	8	8	1	-	3	6	49	268
North Dakota-----	-	-	-	-	-	-	-	3	2	9	76	144
South Dakota-----	-	-	2	-	3	29	-	-	-	1	110	229
Nebraska-----	-	-	-	-	24	10	1	-	2	5	75	53
Kansas-----	-	1	-	-	2	1	1	-	1	-	91	129
SOUTH ATLANTIC-----	1	5	9	3	149	162	4	4	30	44	628	1,579
Delaware-----	-	-	-	-	-	-	-	-	-	-	19	31
Maryland-----	-	-	-	-	-	4	2	-	-	-	55	204
District of Columbia-----	-	-	-	-	1	2	-	-	1	1	9	30
Virginia-----	1	2	-	-	21	11	-	2	12	18	268	697
West Virginia-----	-	-	-	-	4	11	-	-	3	4	28	181
North Carolina-----	-	-	2	-	19	25	1	1	3	3	57	186
South Carolina-----	-	-	4	-	32	32	1	-	2	5	29	37
Georgia-----	-	3	1	1	26	56	-	-	7	3	84	94
Florida-----	-	-	2	2	46	21	-	1	2	7	79	119
EAST SOUTH CENTRAL-----	-	2	1	7	97	100	3	1	19	27	891	914
Kentucky-----	-	-	-	7	5	34	-	-	4	3	266	149
Tennessee-----	-	-	-	-	18	15	-	1	7	9	412	382
Alabama-----	-	2	-	-	48	33	2	-	2	13	92	169
Mississippi-----	-	-	1	-	26	18	1	-	6	2	121	214
WEST SOUTH CENTRAL-----	6	1	4	1	183	128	3	1	32	30	785	904
Arkansas-----	-	-	-	-	17	7	1	-	3	-	77	120
Louisiana-----	4	1	2	-	20	18	-	-	12	9	59	65
Oklahoma-----	-	-	-	-	51	15	-	-	2	1	51	89
Texas-----	2	-	2	1	95	88	2	1	15	20	598	630
MOUNTAIN-----	-	-	-	3	14	9	-	1	13	30	1,025	1,359
Montana-----	-	-	-	1	-	3	-	-	3	11	268	175
Idaho-----	-	-	-	-	1	-	-	-	1	4	133	154
Wyoming-----	-	-	-	-	3	-	-	-	-	1	56	51
Colorado-----	-	-	-	-	3	-	-	-	5	2	219	269
New Mexico-----	-	-	-	-	1	-	-	-	3	-	92	244
Arizona-----	-	-	1	5	3	-	-	1	12	-	206	404
Utah-----	-	-	-	1	1	-	1	-	-	-	49	42
Nevada-----	-	-	-	1	-	2	-	-	-	-	2	20
PACIFIC-----	-	-	1	-	28	26	7	3	51	93	1,649	2,025
Washington-----	-	-	-	-	3	13	-	-	11	26	353	463
Oregon-----	-	-	-	-	8	-	-	-	9	20	317	582
California-----	-	-	1	-	17	13	7	3	31	47	979	980
Alaska-----	-	-	-	-	-	-	-	-	1	6	57	164
Hawaii-----	-	-	-	-	-	-	-	-	2	-	22	27
Puerto Rico-----	-	-	-	-	22	39	-	-	1	1	108	35

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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 JUNE 4, 1955 AND JUNE 2, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	22d week		Cumulative first 22 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	121	248	1,865	2,534	60	90	36	91	4	10	24,746	18,656
NEW ENGLAND-----	2	1	47	38	1	1	1	-	-	1	280	2,020
Maine-----	-	1	8	4	-	1	-	-	-	-	16	203
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	-	97
Vermont-----	-	-	8	11	-	-	-	-	-	-	31	427
Massachusetts-----	1	-	21	11	1	-	-	-	-	1	150	565
Rhode Island-----	-	-	2	3	-	-	-	-	-	-	13	183
Connecticut-----	1	-	6	6	-	-	1	-	-	-	70	545
MIDDLE ATLANTIC-----	4	25	116	265	1	5	2	4	-	-	4,920	3,994
New York-----	2	11	81	160	1	5	1	4	-	-	1,775	1,315
New Jersey-----	1	5	11	33	-	-	1	-	-	-	1,012	1,560
Pennsylvania-----	1	9	24	72	-	-	-	-	-	-	2,133	1,119
EAST NORTH CENTRAL-----	18	23	161	265	7	9	2	6	1	1	7,327	5,417
Ohio-----	1	9	30	62	-	1	-	3	-	-	1,951	589
Indiana-----	2	1	10	24	1	1	-	-	-	1	815	208
Illinois-----	9	5	44	76	6	3	2	1	-	-	1,641	555
Michigan-----	3	3	45	71	-	1	-	2	-	-	1,634	741
Wisconsin-----	3	5	32	32	-	3	-	-	1	-	1,286	3,324
WEST NORTH CENTRAL-----	13	17	102	188	3	4	3	10	-	-	1,048	555
Minnesota-----	1	5	15	36	1	-	-	4	-	-	71	111
Iowa-----	6	2	31	41	2	1	3	1	-	-	300	107
Missouri-----	2	4	24	24	-	1	-	3	-	-	118	187
North Dakota-----	-	1	2	5	-	-	-	1	-	-	192	31
South Dakota-----	1	2	9	21	-	1	-	1	-	-	46	6
Nebraska-----	1	1	11	30	-	1	-	-	-	-	307	2
Kansas-----	2	2	10	31	-	-	-	-	-	-	14	111
SOUTH ATLANTIC-----	15	29	153	400	6	9	6	15	-	1	3,308	764
Delaware-----	-	2	2	17	-	1	-	1	-	-	46	4
Maryland-----	-	3	4	19	-	3	-	-	-	-	140	41
District of Columbia-----	-	-	-	2	-	-	-	-	-	-	20	11
Virginia-----	1	2	7	25	1	1	-	1	-	1	1,288	149
West Virginia-----	1	1	11	22	1	1	-	-	-	-	458	137
North Carolina-----	3	-	31	43	-	-	2	-	-	-	347	50
South Carolina-----	-	1	12	22	-	-	-	1	-	-	451	33
Georgia-----	-	5	13	60	-	1	-	3	-	-	179	228
Florida-----	10	15	73	² 190	4	2	4	9	-	-	379	111
EAST SOUTH CENTRAL-----	4	30	86	147	1	2	1	12	-	-	1,742	318
Kentucky-----	-	9	27	53	-	1	-	4	-	-	562	29
Tennessee-----	-	4	17	22	-	1	-	3	-	-	801	193
Alabama-----	1	9	6	27	-	-	-	-	-	-	292	78
Mississippi-----	3	8	36	45	1	-	1	5	-	-	87	18
WEST SOUTH CENTRAL-----	43	64	477	480	26	27	14	27	2	6	3,074	1,280
Arkansas-----	-	6	13	32	-	5	-	1	-	-	400	55
Louisiana-----	8	6	86	87	7	3	1	3	-	-	20	3
Oklahoma-----	3	-	22	28	-	-	-	-	-	-	345	171
Texas-----	32	52	356	333	19	19	13	23	2	6	2,309	1,051
MOUNTAIN-----	2	14	98	218	2	4	-	2	-	-	1,032	770
Montana-----	-	-	6	16	-	-	-	-	-	-	156	66
Idaho-----	1	4	13	74	1	-	-	-	-	-	48	39
Wyoming-----	-	-	3	9	-	-	-	-	-	-	15	1
Colorado-----	1	5	11	42	1	3	-	-	-	-	514	227
New Mexico-----	-	1	7	10	-	1	-	-	-	-	137	132
Arizona-----	-	2	39	24	-	-	-	2	-	-	116	246
Utah-----	-	-	8	24	-	-	-	-	-	-	45	49
Nevada-----	-	2	11	19	-	-	-	-	-	-	1	10
PACIFIC-----	20	45	625	533	13	29	7	15	1	1	2,015	3,538
Washington-----	1	2	25	42	-	1	1	-	-	-	649	464
Oregon-----	-	4	40	53	-	4	-	-	1	-	65	243
California-----	19	39	560	438	13	24	6	15	-	1	1,301	2,831
Alaska-----	-	1	4	9	-	-	-	1	-	-	28	5
Hawaii-----	1	-	48	14	1	-	-	-	-	1	67	274
Puerto Rico-----	4	6	20	389	4	6	-	-	-	-	30	100

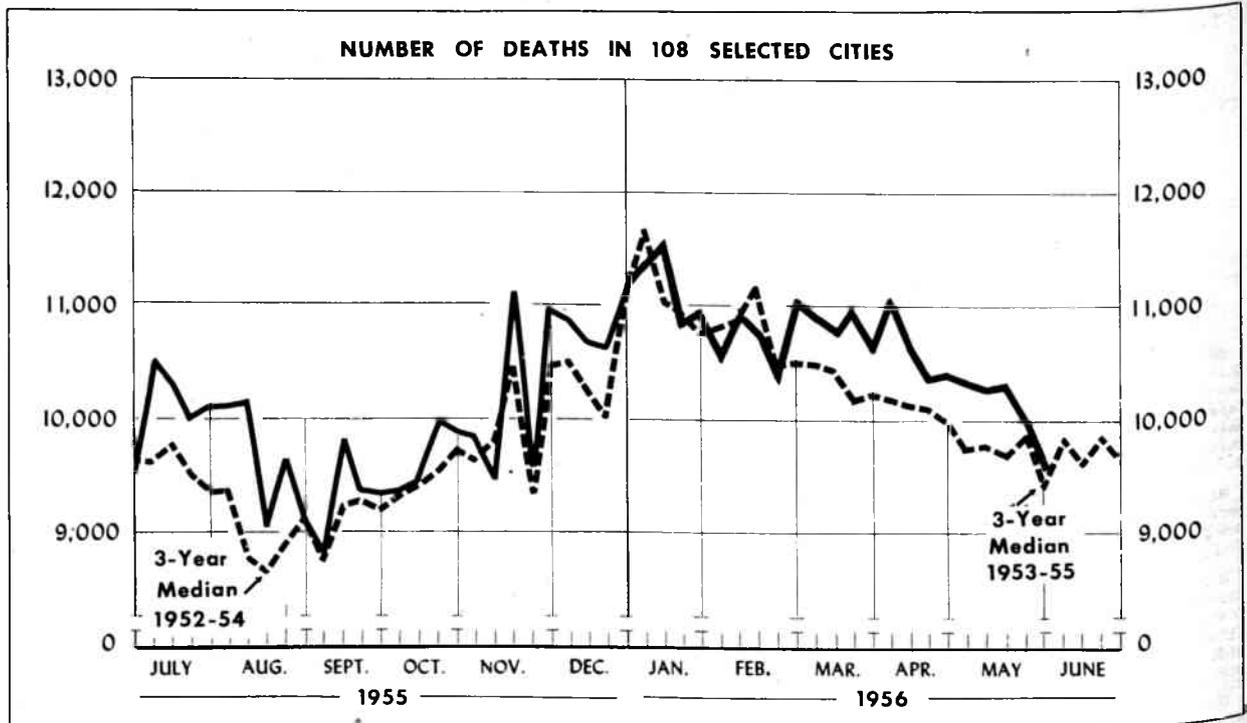
¹Includes cases not specified by type, category number 080.3.²Includes delayed cases with onset late in 1954.

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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 JUNE 4, 1955 AND JUNE 2, 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		22d week		Cumulative first 22 weeks		101	1956 1955	
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	54	60	16	5	11	35	21	657	572	1	84	65
NEW ENGLAND-----	4	-	2	-	-	2	3	26	14	-	-	-
Maine-----	-	-	1	-	-	-	1	10	3	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	-	-	-	-	1	-	7	7	-	-	-
Rhode Island-----	1	-	-	-	-	-	-	2	-	-	-	-
Connecticut-----	2	-	-	-	-	1	2	6	4	-	-	-
MIDDLE ATLANTIC-----	9	7	-	-	-	10	2	89	73	-	10	3
New York-----	2	1	-	-	-	1	-	24	13	-	7	1
New Jersey-----	3	1	-	-	-	2	-	7	8	-	-	-
Pennsylvania-----	4	5	-	-	-	7	2	58	52	-	3	2
EAST NORTH CENTRAL-----	10	17	5	1	8	5	-	105	54	-	9	15
Ohio-----	2	-	-	-	-	1	-	22	25	-	2	7
Indiana-----	-	1	2	-	-	-	-	11	-	-	6	7
Illinois-----	4	5	2	-	5	-	-	14	15	-	-	1
Michigan-----	3	10	1	-	-	3	-	26	11	-	-	-
Wisconsin-----	1	1	-	1	3	1	-	32	3	-	1	-
WEST NORTH CENTRAL-----	5	5	2	1	1	1	1	76	36	-	6	14
Minnesota-----	1	1	-	1	1	1	-	31	3	-	4	4
Iowa-----	-	-	2	-	-	-	-	12	10	-	-	4
Missouri-----	4	2	-	-	-	-	1	19	16	-	2	5
North Dakota-----	-	1	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	2	-	-	1
Kansas-----	-	1	-	-	-	-	-	-	2	-	-	-
SOUTH ATLANTIC-----	11	11	7	1	2	8	5	112	113	-	16	8
Delaware-----	-	-	1	-	-	-	-	1	-	-	1	-
Maryland-----	1	-	-	-	-	1	1	7	4	-	-	-
District of Columbia-----	-	1	-	-	-	-	-	9	3	-	-	-
Virginia-----	3	2	1	-	2	5	-	18	18	-	5	2
West Virginia-----	-	-	1	-	-	-	1	11	13	-	2	2
North Carolina-----	4	1	-	1	-	-	-	16	8	-	3	-
South Carolina-----	-	3	2	-	-	-	1	11	15	-	1	3
Georgia-----	-	3	2	-	-	1	1	23	25	-	3	1
Florida-----	3	1	-	-	-	1	1	16	27	-	1	-
EAST SOUTH CENTRAL-----	3	3	-	-	-	2	2	71	67	1	11	7
Kentucky-----	1	1	-	-	-	-	-	15	38	-	9	1
Tennessee-----	2	-	-	-	-	1	-	38	14	-	2	1
Alabama-----	-	2	-	-	-	1	-	5	11	1	-	5
Mississippi-----	-	-	-	-	-	-	2	13	4	-	-	-
WEST SOUTH CENTRAL-----	4	6	-	-	-	5	6	113	131	-	23	15
Arkansas-----	-	-	-	-	-	1	1	20	28	-	7	1
Louisiana-----	1	1	-	-	-	1	1	23	35	-	-	-
Oklahoma-----	1	1	-	-	-	-	-	17	21	-	-	-
Texas-----	2	4	-	-	-	3	4	53	47	-	16	14
MOUNTAIN-----	1	1	-	-	-	1	2	18	42	-	4	-
Montana-----	1	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	2	-	-	-
Wyoming-----	-	-	-	-	-	-	1	1	4	-	-	-
Colorado-----	-	1	-	-	-	1	-	6	2	-	-	-
New Mexico-----	-	-	-	-	-	-	-	7	21	-	-	-
Arizona-----	-	-	-	-	-	-	1	2	11	-	4	-
Utah-----	-	-	-	-	-	-	-	-	2	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	7	10	-	2	-	1	-	47	42	-	5	3
Washington-----	2	1	-	-	-	-	-	1	1	-	-	-
Oregon-----	1	-	-	1	-	-	-	5	4	-	-	-
California-----	4	9	-	1	-	1	-	41	37	-	5	3
Alaska-----	-	2	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	20	24	1	-	1



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	22d week ended June 2, 1956	21st week ended May 26, 1956	22d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 22 WEEKS		
					1956	1955	Percent change
TOTAL: 106 REPORTING CITIES-----	9,407	9,826	9,198	+2.3	230,601	224,171	+2.9
New England----- (13 cities)	613	611	634	-3.3	15,044	15,280	-1.5
Middle Atlantic----- (17 cities)	2,852	2,923	2,707	+5.4	68,631	67,894	+1.1
East North Central----- (18 cities)	2,103	2,177	2,081	+1.1	51,252	49,506	+3.5
West North Central----- (9 cities)	683	730	677	+0.9	16,798	15,872	+5.8
South Atlantic----- (9 cities)	740	804	691	+7.1	18,192	17,035	+6.8
East South Central----- (8 cities)	392	464	421	-6.9	10,717	10,390	+3.1
West South Central----- (12 cities)	630	594	613	+2.8	15,059	14,258	+5.6
Mountain----- (8 cities)	239	263	224	+6.7	5,591	5,428	+3.0
Pacific----- (12 cities)	1,155	1,260	1,081	+6.8	29,317	28,508	+2.8

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 2, 1956
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	22d week ended June 2, 1956	21st week ended May 26, 1956	CUMULATIVE NUMBER FIRST 22 WEEKS		CITY	22d week ended June 2, 1956	21st week ended May 26, 1956	CUMULATIVE NUMBER FIRST 22 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	225	207	5,371	5,456	St. Louis, Mo.-----	224	211	5,414	4,836
Bridgeport, Conn.-----	33	32	814	876	St. Paul, Minn.-----	59	79	1,478	1,433
Cambridge, Mass.-----	50	31	695	647	Wichita, Kans.-----	27	24	880	831
Fall River, Mass.-----	26	29	648	658	SOUTH ATLANTIC				
Hartford, Conn.-----	42	40	1,059	1,050	Atlanta, Ga.-----	97	124	2,492	2,298
Lowell, Mass.-----		(23)		(551)	Baltimore, Md.-----	214	232	5,175	5,041
Lynn, Mass.-----	16	27	477	534	Charlotte, N. C.-----	21	29	692	657
New Bedford, Mass.-----	17	30	532	551	Jacksonville, Fla.-----	(44)	(55)	(1,187)	(1,087)
New Haven, Conn.-----	49	33	1,059	1,017	Miami, Fla.-----	48	52	1,171	1,117
Providence, R. I.-----	52	58	1,389	1,474	Norfolk, Va.-----	30	33	735	705
Somerville, Mass.-----	14	15	370	357	Richmond, Va.-----	70	56	1,567	1,431
Springfield, Mass.-----	31	34	931	946	Savannah, Ga.-----	(23)	(24)	(637)	(643)
Waterbury, Conn.-----	19	27	576	566	Tampa, Fla.-----	62	46	1,367	1,274
Worcester, Mass.-----	59	48	1,123	1,168	Washington, D. C.-----	172	200	4,209	3,701
					Wilmington, Del.-----	26	32	784	811
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	57	33	1,123	1,053	Birmingham, Ala.-----	61	85	1,735	1,717
Allentown, Pa.-----	(45)	(48)	(865)	(822)	Chattanooga, Tenn.-----	39	56	958	1,000
Buffalo, N. Y.-----	76	180	3,145	3,049	Knoxville, Tenn.-----	20	32	787	745
Camden, N. J.-----	33	37	874	831	Louisville, Ky.-----	98	93	2,425	2,389
Elizabeth, N. J.-----	25	25	653	617	Memphis, Tenn.-----	73	86	2,223	2,156
Erie, Pa.-----	39	23	756	811	Mobile, Ala.-----	31	31	736	649
Jersey City, N. J.-----	55	80	1,643	1,623	Montgomery, Ala.-----	29	36	659	589
Newark, N. J.-----	100	100	2,225	2,302	Nashville, Tenn.-----	41	45	1,194	1,145
New York City, N. Y.-----	1,571	1,549	35,725	35,677	WEST SOUTH CENTRAL				
Paterson, N. J.-----	37	36	820	878	Austin, Tex.-----	30	20	652	550
Philadelphia, Pa.-----	437	424	11,050	10,889	Baton Rouge, La.-----	35	24	511	483
Pittsburgh, Pa.-----	180	180	4,213	3,989	Corpus Christi, Tex.-----	20	16	413	393
Reading, Pa.-----	(18)	(11)	(500)	(505)	Dallas, Tex.-----	114	99	2,324	2,160
Rochester, N. Y.-----	94	92	2,147	2,091	El Paso, Tex.-----	28	21	596	627
Schenectady, N. Y.-----	26	14	509	510	Fort Worth, Tex.-----	51	56	1,291	1,197
Scranton, Pa.-----	(54)	(41)	(807)	(767)	Houston, Tex.-----	115	127	2,968	2,823
Syracuse, N. Y.-----	47	65	1,347	1,223	Little Rock, Ark.-----	31	28	1,027	971
Tranton, N. J.-----	16	36	1,012	1,059	New Orleans, La.-----		(159)		(3,334)
Utica, N. Y.-----	35	25	694	670	Oklahoma City, Okla.-----	41	52	1,374	1,257
Yonkers, N. Y.-----	24	24	695	622	San Antonio, Tex.-----	91	78	1,906	1,930
					Shreveport, La.-----	39	32	1,004	887
					Tulsa, Okla.-----	35	41	993	980
EAST NORTH CENTRAL					MOUNTAIN				
Akron, Ohio-----	50	60	1,197	1,208	Albuquerque, N. Mex.-----	29	21	509	531
Canton, Ohio-----	23	36	650	580	Colorado Springs, Colo.-----	14	8	296	305
Chicago, Ill.-----	685	696	16,746	16,043	Denver, Colo.-----	107	116	2,457	2,478
Cincinnati, Ohio-----	125	125	3,476	3,504	Ogden, Utah-----	9	16	285	239
Cleveland, Ohio-----	214	203	4,674	4,426	Phoenix, Ariz.-----	16	28	598	558
Columbus, Ohio-----	90	90	2,432	2,454	Pueblo, Colo.-----	13	15	274	296
Dayton, Ohio-----	63	68	1,483	1,465	Salt Lake City, Utah-----	48	52	1,049	922
Detroit, Mich.-----	312	308	7,240	7,230	Tucson, Ariz.-----	3	7	123	99
Evansville, Ind.-----	27	35	789	702	PACIFIC				
Flint, Mich.-----	32	45	857	803	Berkeley, Calif.-----	11	18	403	410
Fort Wayne, Ind.-----	45	29	816	735	Long Beach, Calif.-----	51	61	1,194	1,125
Gary, Ind.-----	(28)	(35)	(649)	(594)	Los Angeles, Calif.-----	422	421	10,798	10,157
Grand Rapids, Mich.-----	47	38	963	923	Oakland, Calif.-----	100	100	2,116	2,004
Indianapolis, Ind.-----	101	114	2,625	2,428	Pasadena, Calif.-----	32	29	802	772
Milwaukee, Wis.-----	122	133	2,775	2,742	Portland, Oreg.-----	81	103	2,138	2,133
Peoria, Ill.-----	17	23	608	646	Sacramento, Calif.-----	37	37	1,079	1,121
South Bend, Ind.-----	18	21	537	540	San Diego, Calif.-----	71	94	1,700	1,714
Toledo, Ohio-----	76	100	2,132	2,132	San Francisco, Calif.-----	142	172	4,369	4,236
Youngstown, Ohio-----	56	53	1,252	1,147	Seattle, Wash.-----	125	140	2,838	2,948
					Spokane, Wash.-----	43	45	1,044	1,016
					Tacoma, Wash.-----	40	40	836	872
WEST NORTH CENTRAL					Honolulu, Hawaii-----	(40)	(37)	(801)	(802)
Des Moines, Iowa-----	62	38	1,141	1,083					
Duluth, Minn.-----	14	28	585	567					
Kansas City, Kans.-----	38	29	692	784					
Kansas City, Mo.-----	96	147	2,454	2,407					
Minneapolis, Minn.-----	103	104	2,699	2,585					
Omaha, Nebr.-----	60	70	1,455	1,346					

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

EPIDEMIOLOGICAL REPORTS—Continued

hand carried to the fields. However, the use of dip-cans by the men offered an opportunity for contamination of the water in the field.

Gastro-enteritis

Dr. J. C. Hart, Connecticut Department of Health, has reported an outbreak of gastro-enteritis among 76 members of an association following a dinner meeting. Of these, about 25 became ill with diarrhea and abdominal cramps from 11 to 18 hours after dinner was served. A variety of food items was served, no one of which was definitely implicated. However, of persons contacted, the majority who were ill had eaten creamed potatoes, and only 3 who were not ill had eaten of this item. No food samples were available for bacteriological examination.

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