

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 21, 1956

From the beginning of the present poliomyelitis disease year on April 1, the incidence of poliomyelitis has followed the usual seasonal pattern of a gradual rise until late in June, and an acceleration in recent weeks. The pattern differs from that of recent years in that the incidence has been at a lower level than that for any year since 1947. The higher proportion of paralytic cases which was noted earlier in the year is being maintained.

Only a few States have reported more cases so far this year as compared with the 1955 period. These are Illinois, Missouri, Louisiana, Arizona, and California. The high incidence in Illinois has been confined to Chicago. For the city as a whole the rate since April 1 is about 7 per 100,000 population. New Orleans has also reported a relatively large number of cases, but the rate is only about 5 and there is no indication of a rapid increase from week to week as in Chicago. In another parish of Louisiana (Lafourche) the rate of incidence has reached 24 per 100,000 population. The following counties of Texas have reported in excess of 20 cases per 100,000 population: Dawson (32); Hale (25); Kleberg (48); Nacogdoches (33); and San Patricio (22). Other scattered areas where incidence rates are 20 or more are: Dickenson County, Virginia (43); Essex County, New York (20); and Talbot County, Maryland (47). In none of these has there been a marked increase in cases from week to week such as has been characteristic of many poliomyelitis epidemics in the past.

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-----	533	810	2,833	4,423	3,900	5,486
Paralytic-----	279	275	1,436	1,667	2,019	2,131
Nonparalytic-----	182	363	959	1,686	1,244	1,976
Unspecified-----	72	172	438	1,070	637	1,379

EPIDEMIOLOGICAL REPORTS

Aseptic meningitis

Dr. W. G. Beadenkopf, New York State Department of Health, has provided preliminary information on an outbreak of aseptic meningitis in Buffalo. Twenty-three cases have been reported, all in residents of a low economic neighborhood in the west central part of the city. The illness was characterized by headache, fever, pleocytosis, and a few cases of diarrhea. There has been no muscle weakness or paralysis detected. The disease appears to have been spread by person-to-person contact, and secondary cases in families suggested 3 to 6 days as the incubation period. Laboratory specimens have been collected and are under study at the University of Buffalo.

Histoplasmosis

Dr. F. H. Wentworth, Ohio Department of Health, has supplied additional information on the 3 cases of histoplasmosis reported for the week ended May 12. The laboratory has isolated *Histoplasma capsulatum* from samples of bird and bat excreta obtained from the church tower. The patients gave a history of having cleaned this tower prior to their illness.

Trichiniasis

Dr. J. D. Martin, Louisiana State Department of Health, has reported 2 cases of trichiniasis among 14 persons who ate barbecued pork chops at a family gathering. The symptoms included fever, muscular pains and aches, and periorbital edema. One of the patients had nausea and diarrhea. For one, the diagnosis was confirmed by the demonstration of trichinae in muscle biopsied from the right leg. Diagnosis of the second case was based on clinical and epidemiological findings.

Salmonellosis

Dr. Henry A. Holle, Texas State Department of Health, has reported an outbreak of salmonellosis following a meal in a women's dormitory. Approximately 100 individuals out of 400 who ate the meal became ill with nausea, vomiting, abdominal cramps, and diarrhea about 12 hours later. The cause of the illness was suspected to be salmon croquettes but none was available for laboratory testing. Stool cultures from 7 patients were positive for *Salmonella oranienburg*. Cultures of all food handlers are being taken in an attempt to determine a possible carrier.

Gastro-enteritis

Dr. A. L. Marshall, Indiana State Board of Health, has reported 2 outbreaks of gastro-enteritis—one following a banquet in a hotel and one in a group of women who dined in a restaurant. In the hotel, food was served to 295 persons among whom about 270 became ill with diarrhea and abdominal cramps from 6 to 13 hours later. The apparent common menu item was veal and dressing. The dressing was made on the day before the banquet and was allowed to remain at room temperature until served. Bacteriological examination of food specimens collected revealed numerous staphylococcal type of organisms and a variety of other bacteria in the dressing. No known pathogenic organisms were found in other food items. Stool specimens from employees at the hotel were negative for known enteric pathogens.

In the restaurant 5 women dined together and ate stewed chicken and noodles. It is not known how many other customers who had the menu on this particular day became ill. The chickens were prepared 10 hours before the meal was served. A chicken-fat soup concentrate was added to the broth while it was cooling, and the food was not brought back to a boil. Laboratory examination of the chicken-fat mix failed to reveal any pathogenic organisms. However, it could not be determined that the sample analysed was identical with that in the suspected meal.

The California State Department of Public Health has reported 2 outbreaks of gastro-enteritis among customers of different restaurants. In one, 4 persons became ill with vom-

Morbidity and Mortality Weekly Report

iting, diarrhea, and cramps from 2½ to 4 hours after eating ham sandwiches. An investigation revealed that one food handler had an allergic dermatitis of hands. He had an open lesion on one finger. Bandage and rubber gloves worn by one food handler were examined bacteriologically and found positive for *Staphylococcus aureus*, coagulase-positive. In the other restaurant, 15 of 19 persons became ill from 3 to 14 hours after eating steak. No other information was available.

The Los Angeles County Department of Health has reported 2 outbreaks of gastro-enteritis in private households. In one, 6 of 8 persons became ill from 5 to 6 hours after eating a turkey dinner. An investigation showed no irregularities in the keeping or preparation of the turkey. Laboratory examination of a specimen of meat revealed many nonpigmented, coagulase-negative, gram-positive cocci, showing no hemolysis and no gelatin liquefaction. In the other household, 3 persons became ill from 1 to 2½ hours after eating custard pie. This was a bakery pie and was in the window, not refrigerated, when pur-

chased. Bacteriological examination of it revealed many pigmented coagulase-positive, gram-positive cocci, showing gelatin liquefaction but no hemolysis on blood agar plate.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis among customers of a local delicatessen. Thirteen persons became ill from 2 to 4 hours after eating either pickled tongue or corned beef. Specimens of the tongue and corned beef, and also nose and throat cultures from 2 of the food handlers, yielded *Staphylococcus aureus*.

Dr. F. S. Leeder, Michigan Department of Health, has reported an outbreak of gastro-enteritis following a fiesta attended by 800 persons. Of these, 104 became ill with severe nausea, cramps, and diarrhea from 2 to 4 hours after eating. Enterotoxic staphylococci were isolated from baked ham but not from other foods that were served. The ham was believed to have been contaminated at the picnic grounds.

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	29th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended July 21, 1956	Ended July 23, 1955	Median 1951-55	First 29 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	1	1	29	19	19	(1)	(1)	(1)	(1)
Botulism-----049.1	1	-	---	4	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	26	41	---	566	702	---	---	---	---	---
Diphtheria-----055	15	18	30	872	752	1,139	46	43	96	July 1
Encephalitis, infectious-----082	39	32	32	867	772	689	258	212	160	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	285	467	---	12,483	21,255	---	---	---	---	---
Malaria-----110-117	8	30	---	114	224	---	(1)	(1)	(1)	(1)
Measles-----085	5,190	3,997	4,079	564,567	508,745	508,745	595,665	563,214	563,214	Sept. 1
Meningococcal infections-----057	45	41	49	1,795	2,298	---	2,758	3,347	4,027	Sept. 1
Meningitis, other-----340	44	---	---	827	---	---	---	---	---	---
Poliomyelitis-----080	533	810	1,169	3,900	5,486	6,728	2,833	4,423	5,410	Apr. 1
Psittacosis-----096.2	9	5	---	299	173	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	6	4	4	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	49	51	61	959	836	1,044	646	529	638	Apr. 1
Typhus fever, endemic-----101	5	3	---	64	72	---	(1)	(1)	(1)	(1)
Rabies in animals-----	96	96	112	3,040	3,271	4,415	4,067	4,624	5,959	Oct. 1

¹Frequencies are too small.

²Reported in California. (Suspected source, home-canned potatoes.)

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.

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 23, 1955 AND JULY 21, 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		29th week		Cumulative first 29 weeks		082		29th week		Cumulative first 29 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	26	41	15	18	872	752	39	32	285	467	12,488	21,255
NEW ENGLAND-----	-	-	-	1	8	19	-	-	14	37	813	1,951
Maine-----	-	-	-	-	-	-	-	-	2	9	192	220
New Hampshire-----	-	-	-	-	1	-	-	-	1	-	26	61
Vermont-----	-	-	-	-	-	1	-	-	2	2	101	147
Massachusetts-----	-	-	1	-	7	18	-	-	6	13	201	707
Rhode Island-----	-	-	-	-	-	-	-	-	2	7	106	277
Connecticut-----	-	-	-	-	-	-	-	-	1	6	187	539
MIDDLE ATLANTIC-----	-	1	-	-	41	35	9	12	50	111	2,665	5,341
New York-----	-	1	-	-	15	20	9	10	32	67	1,347	2,959
New Jersey-----	-	-	-	-	12	6	-	2	8	5	236	337
Pennsylvania-----	-	-	-	-	14	9	-	-	10	39	1,082	2,045
EAST NORTH CENTRAL-----	5	13	4	1	173	95	15	5	31	59	1,938	3,090
Ohio-----	-	-	-	-	13	26	5	-	7	8	477	527
Indiana-----	1	2	-	0	84	31	4	1	1	8	286	456
Illinois-----	-	1	3	-	8	4	-	-	6	16	454	760
Michigan-----	1	1	1	1	66	32	-	4	14	11	514	876
Wisconsin-----	3	9	-	-	2	2	-	-	3	16	207	471
WEST NORTH CENTRAL-----	12	18	1	3	85	89	-	3	17	47	1,065	2,679
Minnesota-----	1	4	-	1	25	29	-	-	6	17	321	938
Iowa-----	7	10	-	-	17	5	-	-	3	9	290	791
Missouri-----	-	-	-	1	9	9	-	2	2	7	57	289
North Dakota-----	4	1	1	1	1	-	-	1	2	6	85	199
South Dakota-----	-	1	-	1	5	33	-	-	-	6	127	258
Nebraska-----	-	-	-	-	25	11	-	-	2	1	86	62
Kansas-----	-	2	-	-	3	2	-	-	2	1	99	142
SOUTH ATLANTIC-----	3	3	5	6	171	200	3	4	17	47	776	1,856
Delaware-----	-	-	-	1	-	1	-	-	1	-	24	35
Maryland-----	-	-	-	-	-	9	-	1	1	10	68	266
District of Columbia-----	-	-	-	-	1	2	-	-	2	1	14	37
Virginia-----	2	1	-	-	21	15	3	1	5	16	305	786
West Virginia-----	-	-	-	-	5	12	-	-	2	7	42	203
North Carolina-----	-	-	1	-	25	32	-	1	4	3	74	225
South Carolina-----	-	-	1	4	39	45	-	1	1	1	49	46
Georgia-----	1	2	-	1	30	57	-	-	-	2	103	112
Florida-----	-	-	3	-	50	27	-	-	1	7	97	146
EAST SOUTH CENTRAL-----	2	1	-	-	114	112	1	2	39	19	1,092	1,077
Kentucky-----	1	-	-	-	8	36	-	-	13	8	354	185
Tennessee-----	1	-	-	-	19	19	1	2	15	5	482	439
Alabama-----	-	-	-	-	54	36	-	-	10	1	118	192
Mississippi-----	-	1	-	-	33	21	-	-	1	5	148	261
WEST SOUTH CENTRAL-----	2	2	1	6	214	160	-	1	20	35	938	1,142
Arkansas-----	-	-	-	2	17	9	-	-	2	5	90	163
Louisiana-----	1	-	-	-	22	18	-	-	3	3	89	84
Oklahoma-----	-	1	-	2	55	22	-	-	-	2	67	112
Texas-----	1	1	1	2	122	111	-	1	15	25	692	783
MOUNTAIN-----	1	1	3	1	22	12	-	-	25	30	1,140	1,602
Montana-----	-	1	3	-	3	3	-	-	2	6	294	218
Idaho-----	-	-	-	-	1	-	-	-	6	2	155	177
Wyoming-----	-	-	-	-	3	-	-	-	-	1	62	62
Colorado-----	1	-	-	-	3	-	-	-	9	11	249	315
New Mexico-----	-	-	-	-	4	1	-	-	1	3	102	289
Arizona-----	-	-	-	1	5	5	-	-	7	7	226	477
Utah-----	-	-	-	-	3	1	-	-	-	-	50	44
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	1	2	1	-	42	30	11	5	72	82	2,066	2,517
Washington-----	-	-	-	-	5	13	1	-	22	15	457	554
Oregon-----	-	-	-	-	10	-	-	-	8	32	397	701
California-----	1	2	1	-	27	17	10	5	42	35	1,212	1,262
Alaska-----	-	-	-	-	-	-	-	-	-	1	-	184
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	31
Puerto Rico-----	-	-	-	-	44	53	-	-	2	-	146	43

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 23, 1955 AND JULY 21, 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	
	29th week		Cumulative first 29 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	533	610	3,900	5,486	279	275	182	363	8	30	5,190	3,997
NEW ENGLAND-----	4	185	73	339	3	78	1	82	-	-	102	192
Maine-----	-	5	11	14	-	4	-	1	-	-	7	22
New Hampshire-----	-	9	2	12	-	-	-	-	-	-	-	4
Vermont-----	1	1	12	17	1	-	-	-	-	-	26	55
Massachusetts-----	2	146	32	241	1	67	1	67	-	-	28	60
Rhode Island-----	-	4	2	13	-	-	-	-	-	-	2	3
Connecticut-----	1	20	14	41	1	6	-	14	-	-	39	48
MIDDLE ATLANTIC-----	29	66	221	569	10	9	13	29	-	-	1,499	785
New York-----	20	42	153	351	9	9	11	29	-	-	971	472
New Jersey-----	4	12	28	81	1	-	2	-	-	-	290	177
Pennsylvania-----	5	12	40	137	-	-	-	-	-	-	238	136
EAST NORTH CENTRAL-----	128	145	592	729	65	42	22	58	1	-	1,261	1,165
Ohio-----	17	35	81	190	8	6	4	4	-	-	660	304
Indiana-----	10	15	41	61	2	6	4	8	-	-	45	27
Illinois-----	80	19	315	169	42	5	10	8	-	-	147	220
Michigan-----	10	36	89	194	6	8	4	26	1	-	173	161
Wisconsin-----	11	40	66	115	7	17	-	12	-	-	236	453
WEST NORTH CENTRAL-----	50	72	241	421	18	24	26	38	-	1	143	109
Minnesota-----	1	15	27	79	1	7	-	7	-	-	8	14
Iowa-----	20	24	70	111	3	3	17	16	-	-	93	35
Missouri-----	19	10	73	59	9	4	6	6	-	-	16	15
North Dakota-----	-	1	6	19	-	-	-	1	-	-	19	7
South Dakota-----	-	-	10	28	-	-	-	-	-	-	-	6
Nebraska-----	3	16	20	63	2	9	1	6	-	-	7	2
Kansas-----	7	6	35	63	3	1	2	2	-	1	-	30
SOUTH ATLANTIC-----	49	70	363	744	25	26	22	35	-	2	604	213
Delaware-----	-	1	5	25	-	1	-	-	-	-	5	3
Maryland-----	4	5	18	47	4	2	-	3	-	-	25	38
District of Columbia-----	-	5	1	13	-	1	-	3	-	-	7	6
Virginia-----	4	18	38	79	3	8	1	10	2	-	223	81
West Virginia-----	6	4	24	36	2	2	4	1	-	-	13	42
North Carolina-----	7	10	60	99	2	3	3	7	-	-	67	16
South Carolina-----	6	14	33	82	2	4	4	4	-	-	81	3
Georgia-----	8	6	39	92	7	3	1	3	-	-	28	3
Florida-----	14	7	145	271	5	2	9	4	-	-	155	21
EAST SOUTH CENTRAL-----	19	35	174	323	9	5	9	15	-	-	441	75
Kentucky-----	7	13	55	95	2	3	4	9	-	-	138	10
Tennessee-----	3	7	31	61	1	-	2	3	-	-	200	39
Alabama-----	2	8	13	70	2	-	-	-	-	-	85	7
Mississippi-----	7	7	75	97	4	2	3	3	-	-	18	19
WEST SOUTH CENTRAL-----	135	133	1,033	1,104	78	46	54	58	3	5	414	277
Arkansas-----	8	6	35	69	3	2	4	4	-	-	20	19
Louisiana-----	260	20	255	171	43	12	17	8	-	-	64	6
Oklahoma-----	6	18	68	81	1	4	3	3	-	-	25	15
Texas-----	61	89	675	783	31	28	30	43	3	5	305	237
MOUNTAIN-----	25	31	199	390	7	9	7	11	2	1	207	360
Montana-----	3	-	14	21	2	-	1	-	1	-	42	64
Idaho-----	5	7	33	123	-	5	-	-	-	-	38	9
Wyoming-----	1	3	8	14	1	-	-	2	-	-	1	6
Colorado-----	2	9	24	69	1	2	1	5	1	-	35	134
New Mexico-----	1	7	19	43	-	2	1	3	-	-	18	46
Arizona-----	7	1	64	37	3	-	4	1	-	-	30	56
Utah-----	6	-	24	33	-	-	-	-	-	1	43	22
Nevada-----	-	4	13	50	-	-	-	-	-	-	-	3
PACIFIC-----	94	73	1,004	868	64	36	28	37	2	21	519	821
Washington-----	1	5	39	76	1	5	-	-	-	-	121	149
Oregon-----	5	9	58	85	2	7	1	2	-	1	71	85
California-----	88	59	907	707	61	24	27	35	2	20	327	587
Alaska-----	-	-	-	10	-	-	-	-	-	1	-	71
Hawaii-----	3	2	52	29	1	2	2	-	-	-	103	71
Puerto Rico-----	-	2	30	425	-	2	-	-	-	-	38	11

¹Includes cases not specified by type, category number 080.3.²Includes 20 paralytic and 5 nonparalytic delayed cases with onset in June.

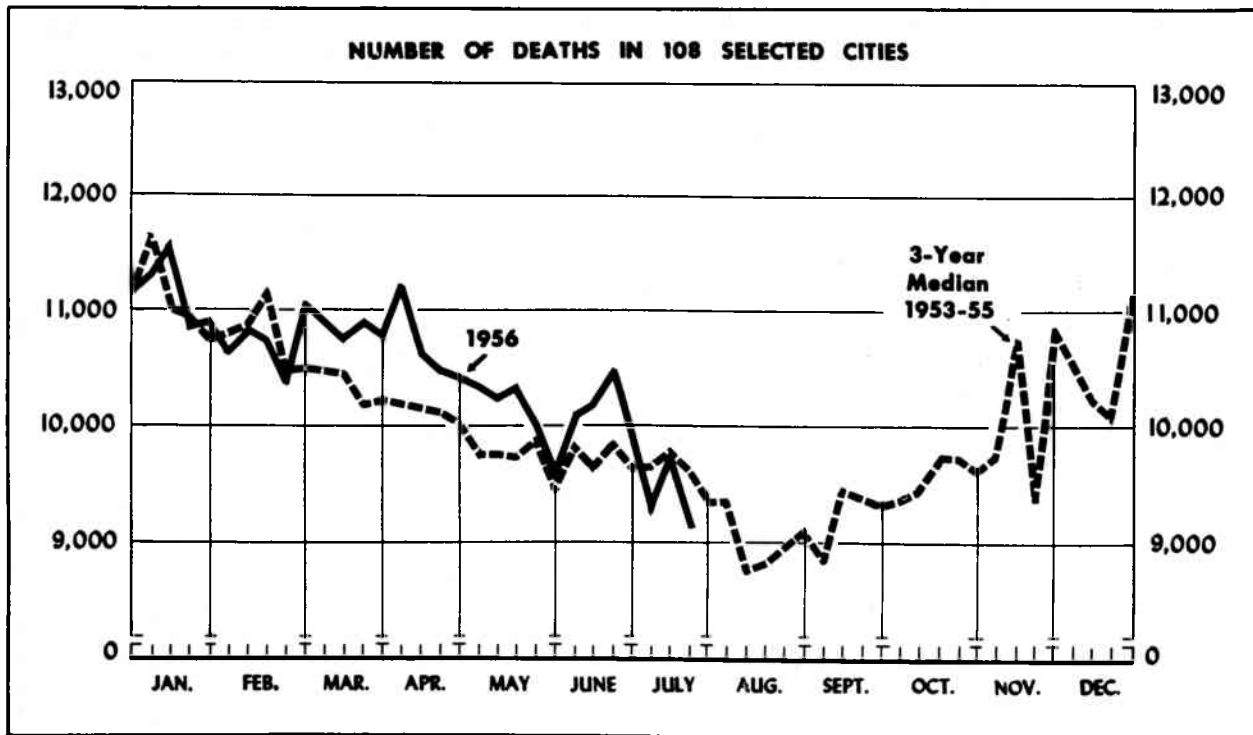
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 23, 1955 AND JULY 21, 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		29th week		Cumulative first 29 weeks		101	1956	1955
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	45	41	44	9	5	49	51	959	856	5	96	96
NEW ENGLAND-----	3	7	1	-	-	1	-	35	17	-	-	-
Maine-----	-	-	-	-	-	1	-	11	4	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	3	7	-	-	-	-	-	11	8	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	3	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	9	4	-	-	-
MIDDLE ATLANTIC-----	10	3	23	1	-	4	4	131	92	-	9	34
New York-----	5	1	23	1	-	2	1	37	17	-	8	17
New Jersey-----	2	1	-	-	-	-	-	15	10	-	-	-
Pennsylvania-----	3	1	-	-	-	2	3	79	65	-	1	17
EAST NORTH CENTRAL-----	6	5	6	-	1	3	6	142	82	1	18	9
Ohio-----	1	1	-	-	-	1	3	31	36	-	11	3
Indiana-----	1	1	2	-	-	1	2	16	8	-	6	4
Illinois-----	-	1	4	-	1	1	-	20	20	-	-	2
Michigan-----	3	2	-	-	-	-	1	34	14	-	1	-
Wisconsin-----	1	-	-	-	-	-	-	41	4	1	-	-
WEST NORTH CENTRAL-----	3	5	-	1	-	3	2	127	49	-	17	7
Minnesota-----	1	-	-	1	-	-	1	32	5	-	3	-
Iowa-----	-	1	-	-	-	-	-	51	14	-	8	2
Missouri-----	1	2	-	-	-	2	1	25	20	-	3	4
North Dakota-----	1	1	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	2	4	-	-	-
Nebraska-----	-	1	-	-	-	-	-	7	4	-	3	1
Kansas-----	-	-	-	-	-	-	-	5	2	-	-	-
SOUTH ATLANTIC-----	7	5	6	-	-	11	10	153	162	2	21	16
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	-
Maryland-----	-	-	1	-	-	1	1	11	7	-	-	-
District of Columbia-----	-	-	-	-	-	1	-	11	3	-	-	-
Virginia-----	2	2	1	-	-	1	3	24	25	-	5	2
West Virginia-----	1	1	1	-	-	-	1	13	19	-	3	3
North Carolina-----	2	1	-	-	-	-	2	19	17	-	1	2
South Carolina-----	-	-	3	-	-	-	-	14	24	1	7	6
Georgia-----	-	1	-	-	-	4	3	34	31	1	2	3
Florida-----	2	-	-	-	-	4	-	26	36	-	3	-
EAST SOUTH CENTRAL-----	4	3	1	-	-	10	11	109	122	-	22	12
Kentucky-----	1	-	-	-	-	3	3	23	65	-	10	6
Tennessee-----	1	-	-	-	-	2	6	47	26	-	3	2
Alabama-----	2	3	-	-	-	-	1	8	21	-	8	3
Mississippi-----	-	-	1	-	-	5	1	31	10	-	1	1
WEST SOUTH CENTRAL-----	7	2	1	-	-	13	6	174	193	2	4	7
Arkansas-----	1	-	-	-	-	6	3	38	40	-	1	1
Louisiana-----	4	-	-	-	-	2	-	30	43	-	3	-
Oklahoma-----	-	-	1	-	-	-	1	21	31	-	-	-
Texas-----	2	2	-	-	-	5	2	85	79	2	-	6
MOUNTAIN-----	2	1	2	-	2	2	9	30	67	-	-	-
Montana-----	-	-	-	-	-	1	-	3	-	-	-	-
Idaho-----	-	-	-	-	2	-	-	2	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	2	-	1	-	-	-	1	7	7	-	-	-
New Mexico-----	-	-	1	-	-	1	8	9	36	-	-	-
Arizona-----	-	1	-	-	-	-	-	5	11	-	-	-
Utah-----	-	-	-	-	-	-	-	1	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	10	4	7	2	2	3	58	52	-	5	11
Washington-----	1	2	3	-	-	-	-	1	1	-	-	-
Oregon-----	-	1	1	6	-	-	1	6	5	-	-	-
California-----	2	7	-	1	2	2	2	51	46	-	5	11
Alaska-----	-	1	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	3	33	27	-	-	1

Morbidity and Mortality Weekly Report



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	29th week ended July 21, 1956	28th week ended July 14, 1956	29th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 29 WEEKS		
					1956	1955	Percent change
TOTAL: 105 REPORTING CITIES-----	9,047	9,703	9,496	-4.7	300,754	294,615	+2.1
New England----- (13 cities)	550	602	603	-8.8	19,434	19,628	-1.0
Middle Atlantic----- (17 cities)	2,627	2,729	2,913	-9.8	88,460	88,607	-0.2
East North Central----- (18 cities)	1,933	2,129	2,088	-7.4	66,593	64,798	+2.8
West North Central----- (8 cities)	675	699	622	+8.5	20,968	19,699	+6.4
South Atlantic----- (9 cities)	715	774	748	-4.4	23,526	22,392	+5.1
East South Central----- (8 cities)	436	521	479	-9.0	13,878	13,671	+1.5
West South Central----- (12 cities)	810	821	772	+4.9	23,178	21,755	+6.5
Mountain----- (8 cities)	210	241	232	-9.5	7,227	7,042	+2.6
Pacific----- (12 cities)	1,091	1,187	1,156	-5.6	37,490	37,023	+1.3

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 21, 1956
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	29th week ended July 21, 1956	28th week ended July 14, 1956	CUMULATIVE NUMBER FIRST 29 WEEKS		CITY	29th week ended July 21, 1956	28th week ended July 14, 1956	CUMULATIVE NUMBER FIRST 29 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	179	207	6,794	6,974	St. Louis, Mo.-----	242	214	6,956	6,303
Bridgeport, Conn.-----	39	30	1,062	1,106	St. Paul, Minn.-----	68	72	1,943	1,882
Cambridge, Mass.-----	25	20	892	845	Wichita, Kans.-----	26	49	1,181	1,093
Fall River, Mass.-----	24	29	841	823	SOUTH ATLANTIC				
Hartford, Conn.-----	46	39	1,401	1,357	Atlanta, Ga.-----	102	98	3,189	2,978
Lowell, Mass.-----	16	12	689	738	Baltimore, Md.-----	207	218	6,761	6,594
Lynn, Mass.-----	21	18	635	673	Charlotte, N. C.-----	32	32	904	828
New Bedford, Mass.-----	---	(16)	---	(728)	Jacksonville, Fla.-----	(44)	(46)	(1,491)	(1,376)
New Haven, Conn.-----	34	50	1,377	1,312	Miami, Fla.-----	41	54	1,488	1,543
Providence, R. I.-----	62	57	1,837	1,896	Norfolk, Va.-----	21	35	939	921
Somerville, Mass.-----	10	11	481	465	Richmond, Va.-----	58	70	2,070	1,882
Springfield, Mass.-----	32	38	1,225	1,199	Savannah, Ga.-----	(17)	(27)	(843)	(814)
Waterbury, Conn.-----	35	37	749	741	Tampa, Fla.-----	52	54	1,732	1,628
Worcester, Mass.-----	27	54	1,451	1,499	Washington, D. C.-----	178	177	5,438	4,964
MIDDLE ATLANTIC					Wilmingon, Del.-----	24	36	1,005	1,054
Albany, N. Y.-----	41	48	1,432	1,399	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(39)	(32)	(1,127)	(1,076)	Birmingham, Ala.-----	69	84	2,260	2,218
Buffalo, N. Y.-----	111	174	4,129	3,980	Chattanooga, Tenn.-----	29	55	1,227	1,292
Camden, N. J.-----	41	36	1,150	1,090	Knoxville, Tenn.-----	33	28	1,005	945
Elizabeth, N. J.-----	31	19	824	802	Louisville, Ky.-----	106	151	3,145	3,093
Erie, Pa.-----	42	31	995	1,035	Memphis, Tenn.-----	88	95	2,898	2,886
Jersey City, N. J.-----	54	64	2,086	2,077	Mobile, Ala.-----	31	32	965	966
Newark, N. J.-----	66	82	2,860	3,003	Montgomery, Ala.-----	21	30	836	761
New York City, N. Y.-----	1,300	1,328	46,036	46,496	Nashville, Tenn.-----	59	46	1,542	1,620
Paterson, N. J.-----	36	27	1,063	1,118	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	486	502	14,284	14,263	Austin, Tex.-----	14	30	828	728
Pittsburgh, Pa.-----	168	166	5,410	5,207	Baton Rouge, La.-----	15	24	642	631
Reading, Pa.-----	---	(19)	---	(674)	Corpus Christi, Tex.-----	24	28	551	519
Rochester, N. Y.-----	89	84	2,726	2,725	Dallas, Tex.-----	129	123	3,068	2,826
Schenectady, N. Y.-----	19	21	668	662	El Paso, Tex.-----	30	22	805	837
Scranton, Pa.-----	(51)	(27)	(1,034)	(978)	Fort Worth, Tex.-----	50	62	1,686	1,579
Syracuse, N. Y.-----	56	54	1,725	1,619	Houston, Tex.-----	144	120	3,897	3,656
Trenton, N. J.-----	35	43	1,307	1,404	Little Rock, Ark.-----	---	(41)	---	(1,291)
Utica, N. Y.-----	32	23	877	882	New Orleans, La.-----	159	146	4,713	4,381
Yonkers, N. Y.-----	20	27	888	845	Oklahoma City, Okla.-----	62	73	1,804	1,661
EAST NORTH CENTRAL					San Antonio, Tex.-----	88	97	2,545	2,513
Akron, Ohio-----	47	47	1,538	1,547	Shreveport, La.-----	36	51	1,318	1,136
Canton, Ohio-----	20	33	842	778	Tulsa, Okla.-----	59	45	1,321	1,288
Chicago, Ill.-----	629	676	21,803	20,996	MOUNTAIN				
Cincinnati, Ohio-----	111	169	4,456	4,345	Albuquerque, N. Mex.-----	24	17	663	685
Cleveland, Ohio-----	202	191	6,070	5,685	Colorado Springs, Colo.-----	9	10	371	390
Columbus, Ohio-----	87	91	3,132	3,150	Denver, Colo.-----	96	102	3,215	3,200
Dayton, Ohio-----	60	49	1,943	1,897	Ogden, Utah-----	9	17	362	309
Detroit, Mich.-----	279	288	9,384	9,575	Phoenix, Ariz.-----	13	28	773	709
Evansville, Ind.-----	34	28	988	926	Pueblo, Colo.-----	11	18	358	381
Flint, Mich.-----	29	46	1,152	1,070	Salt Lake City, Utah-----	47	43	1,332	1,237
Fort Wayne, Ind.-----	25	41	1,053	994	Tucson, Ariz.-----	1	6	153	131
Gary, Ind.-----	(18)	(30)	(864)	(797)	PACIFIC				
Grand Rapids, Mich.-----	30	35	1,237	1,238	Berkeley, Calif.-----	17	10	498	532
Indianapolis, Ind.-----	83	113	3,427	3,173	Long Beach, Calif.-----	60	54	1,558	1,450
Milwaukee, Wis.-----	127	110	3,638	3,642	Los Angeles, Calif.-----	369	384	13,617	13,223
Peoria, Ill.-----	34	34	816	844	Oakland, Calif.-----	85	100	2,676	2,547
South Bend, Ind.-----	25	18	704	721	Pasadena, Calif.-----	32	37	1,039	1,037
Toledo, Ohio-----	76	112	2,787	2,731	Portland, Oreg.-----	72	96	2,756	2,828
Youngstown, Ohio-----	35	48	1,623	1,486	Sacramento, Calif.-----	33	43	1,399	1,438
WEST NORTH CENTRAL					San Diego, Calif.-----	62	75	2,178	2,186
Des Moines, Iowa-----	59	53	1,506	1,440	San Francisco, Calif.-----	160	190	5,578	5,491
Duluth, Minn.-----	17	40	787	731	Seattle, Wash.-----	109	121	3,724	3,825
Kansas City, Kans.-----	---	(25)	---	(1,038)	Spokane, Wash.-----	52	44	1,371	1,341
Kansas City, Mo.-----	108	107	3,201	3,094	Tacoma, Wash.-----	40	33	1,096	1,125
Minneapolis, Minn.-----	94	105	3,512	3,354	Honolulu, Hawaii-----	(26)	(35)	(1,020)	(1,051)
Omaha, Nebr.-----	61	59	1,882	1,802					

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

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