

Morbidity and Mortality

Weekly
Report



U. S. Department of
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 August 25, 1956

The number of cases of poliomyelitis reported for the current week is 943 as compared with 900 for the previous week. This number is less than the figure for the same week in all prior years since 1947. The number reported in Chicago for the current week (ended August 25) is 100 as compared with 133 for the previous week. This is the second successive week in which reported cases have been fewer in number. Fifty-eight of the 100 cases were paralytic, and there were 4 deaths. Information has been received that a larger proportion of the cases in Chicago are now occurring outside the high epidemic area. Incidence in the State of Illinois exclusive of Chicago is still rising.

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-----	943	2,287	6,964	13,072	8,031	14,135
Paralytic-----	375	695	3,174	4,518	3,757	4,982
Nonparalytic-----	377	927	2,631	5,254	2,916	5,544
Unspecified-----	191	665	1,159	3,300	1,358	3,609

Information has been received regarding the occurrence of typhoid fever in persons who attended a church convention in Monarch Springs, Missouri, July 20-29. A total of 170 families is reported to have attended the convention. Two confirmed and 3 suspect cases with 1 death have been discovered in Louisiana among persons who have returned. There is a fatal suspect case and a reported case in Oklahoma, 2 reported cases in California, and 1 in Missouri. Preliminary investigation revealed that a well used by those attending the convention was contaminated. A phage type C₂ organism has been isolated from one case.

EPIDEMIOLOGICAL REPORTS

Equine encephalitis

Dr. R. F. Feemster, Massachusetts Department of Public Health, has supplied additional information on the disease which is occurring in the eastern part of the State. The total number of cases in horses is now 15, 9 in Plymouth County, 2 in Bristol County, and 1 each in Norfolk, Middlesex, Essex, and Worcester Counties. The case in Essex County is the first in that area. There are now 6 suspect human cases, 3 of them fatal. Three of the human cases occurred in residents of Norfolk County, and 1 each in Plymouth, Suffolk, and Middlesex Counties. It is also reported that pheasants have died of the disease on 3 pheasant farms in Plymouth County and 1 in Bristol County. Spraying of large marshes in affected areas and in cities and towns is in progress.

Information also has been received of similar infections in New Jersey where cases in horses, pheasants, and humans are under investigation. Cases in horses have been reported along the Eastern Shore area of Maryland and in Delaware. Confirmation by virus isolation has been obtained in the latter State. Other States in regions where eastern equine encephalitis is generally found have reported cases in horses to the U. S. Department of Agriculture. These include Florida, Georgia, South Carolina, North Carolina, and Virginia.

Bubonic plague

Dr. A. C. Hollister, California State Department of Public Health, has furnished additional information on the fatal case of bubonic plague which was reported for the week ended June 23, 1956. The investigation revealed no evidence of infection in the environment of the patient's home or place of employment. Evidence of an epizootic among ground squirrels was found in the area visited by the patient and his son on a hunting trip. At the time of the investigation there was no evidence of freshly dead, sick, or dying animals. No specimens of other animals or of fleas collected were found to be plague infected. The patient's history indicated that illness started 2 days after visiting the above area. Physical findings were typical for bubonic plague, and specimens from inguinal nodes and blood culture were positive for Pasteurella pestis. The patient died 1 week following onset of illness and 3 days following institution of treatment. The autopsy findings suggested that the patient died of toxemia rather than bacteremia. It was postulated that the treatment schedule of 3 antibiotics and sulfonamides administered simultaneously led to a rapid destruction of Past. pestis and consequently to the liberation of the highly potent protein known as plague toxin.

Leptospirosis

Dr. P. H. Cochran, Kentucky State Department of Health, has reported that a case of Leptospira pomona infection has been found in a herd of beef cattle which is said to be the first recognition of this infection in Kentucky. Abortion and a high fatality rate among calves were observed in the herd. Tests for brucellosis and tuberculosis were reported to be negative.

Epidemic pleurodynia

Dr. R. B. Gordon, California State Department of Public Health, has reported the occurrence of an unusual number of cases of epidemic pleurodynia in northern California during the past 6 weeks. In some areas the estimated morbidity has been as high as 10 percent. Incidence has been relatively high in young adults but illness in children and elderly persons has also been reported. The illness has been characterized by intermittent fever up to 104 degrees, severe paroxysmal chest pain usually at the level of the diaphragm, upper abdominal pain, myalgia, arthralgia, and general malaise. Coxsackie virus, Group B, type 5, has been isolated from 7 stool specimens to date.

Dr. A. A. Jenkins, Utah State Department of Health, reported that laboratory tests on a suspect case of pleurodynia showed a positive complement fixation test in a titer of 1:16 for Coxsackie virus, Group B, type 5. No virus was recovered from stool specimens.

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Silage gas poisoning

The Iowa State Department of Health has reported a fatal case of silage gas poisoning in a boy who climbed into a silo that had been filled the night before with grass silage containing some alfalfa. The report states that "silo-filler's disease" also has been observed in Missouri and Minnesota. Drought and high nitrogen fertilization resulting in forage with a high nitrogen content are suspected as having a bearing on the formation of an oxide of nitrogen. This gas is odorless and colorless in low concentrations but is brownish yellow and irritating and lethal in high concentrations. It is said to have killed livestock and small animals in the vicinity of silos recently filled. High concentrations of carbon dioxide may also be found in high concentration in recently filled silos.

Insecticide poisoning

Mr. Evan Wright, Kansas State Board of Health, has reported on an investigation of insecticide poisoning involving 6 children living on a farm. At the time of the investigation 4 of the children were in a hospital being treated for a spasmodic cough, and the other 2 were being treated at home for the same

type of illness. Whooping cough was suspected but was said to be ruled out because of previous immunization. It was discovered that the children had amused themselves by spraying each other with a fly spray that was kept and used on a back porch. The spray contained chlordane in a petroleum distillate. Since the symptoms persisted over a period of several weeks it was considered that inhalation of the petroleum distillate was primarily responsible for the illnesses.

Gastro-enteritis

The Orange County Health Department, California, has supplied information on a waterborne outbreak of gastro-enteritis among employees of an industrial plant. Twenty-eight persons became ill after drinking water from a tap connected to pipes that had just been repaired. Repairs were made in the waterline at a place where it passed through a marshy area near a sewer outfall. Following an incubation period of 44 to 60 hours there was severe nausea and vomiting. Water samples yielded *Escherichia coli*, but stool specimens from 4 persons showed no pathogenic organisms.

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	34th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 25, 1956	Ended Aug. 27, 1955	Median 1951-55	First 34 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	31	20	22	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	5	6	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	10	25	---	680	848	---	---	---	---	---
Diphtheria-----055	18	35	40	950	903	1,316	124	194	250	July 1
Encephalitis, infectious-----082	35	39	38	1,108	947	947	479	387	387	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	255	437	---	13,828	23,431	---	---	---	---	---
Malaria-----110-117	4	12	---	145	318	---	(2)	(2)	(2)	(2)
Measles-----085	1,244	974	974	575,642	517,728	517,728	604,740	572,197	572,197	Sept. 1
Meningococcal infections-----057	28	51	48	1,941	2,527	3,016	2,864	3,576	4,285	Sept. 1
Meningitis, other-----340	31	---	---	986	---	---	---	---	---	---
Polioyelitis-----080	943	2,287	2,237	8,031	14,135	17,104	8,964	13,072	15,551	Apr. 1
Psittacosis-----096.2	4	-	---	364	194	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	6	4	6	(2)	(2)	(2)	(2)
Smallpox-----084	-	-	-	-	-	5	(2)	(2)	(2)	(2)
Typhoid fever-----040	48	53	72	1,194	1,093	1,417	881	786	1,011	Apr. 1
Typhus fever, endemic-----101	4	5	---	74	92	---	(2)	(2)	(2)	(2)
Rabies in animals-----	81	65	101	3,380	3,646	4,904	4,407	4,999	6,620	Oct. 1

¹Reported in Pennsylvania.

²Frequencies are too small.

³Includes revised reports from Iowa for weeks ended July 21 and August 18; North Carolina for weeks ended June 30, and July 14 and 28; and Georgia for week ended August 11.

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 AUGUST 27, 1955 AND AUGUST 25, 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		34th week		Cumulative first 34 weeks		082		34th week		Cumulative first 34 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	10	25	18	35	950	903	35	39	255	437	13,828	23,431
NEW ENGLAND-----	-	-	-	-	9	19	-	-	18	29	896	2,096
Maine-----	-	-	-	-	-	-	-	-	2	8	216	242
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	27	65
Vermont-----	-	-	-	-	-	1	-	-	4	4	109	159
Massachusetts-----	-	-	-	-	8	18	-	-	3	8	223	746
Rhode Island-----	-	-	-	-	-	-	-	-	-	4	115	294
Connecticut-----	-	-	-	-	-	-	-	-	9	5	206	592
MIDDLE ATLANTIC-----	1	2	2	-	47	37	6	5	56	115	2,966	5,887
New York-----	-	-	1	-	18	21	5	5	43	49	1,535	3,243
New Jersey-----	-	1	-	-	12	6	1	-	4	8	269	370
Pennsylvania-----	1	1	1	-	17	10	-	-	9	58	1,162	2,274
EAST NORTH CENTRAL-----	2	6	-	1	174	99	10	11	32	86	2,088	3,379
Ohio-----	-	1	-	-	14	26	8	3	13	9	521	568
Indiana-----	-	-	-	1	84	33	-	4	1	7	301	489
Illinois-----	1	3	-	-	8	4	1	-	2	5	480	827
Michigan-----	1	1	-	-	66	34	1	4	11	56	548	986
Wisconsin-----	-	1	-	-	2	2	-	-	5	9	238	509
WEST NORTH CENTRAL-----	4	9	-	4	91	98	2	9	30	40	1,167	2,897
Minnesota-----	1	1	-	4	25	36	-	-	7	17	365	1,023
Iowa-----	1	4	-	-	17	5	-	1	9	9	307	830
Missouri-----	-	-	-	-	10	9	-	-	4	2	65	302
North Dakota-----	1	1	-	-	5	-	-	4	6	4	93	231
South Dakota-----	-	2	-	-	6	35	1	-	1	3	143	291
Nebraska-----	-	-	-	-	25	11	1	1	-	-	90	72
Kansas-----	1	1	-	-	3	2	-	3	3	4	104	148
SOUTH ATLANTIC-----	1	2	9	11	206	258	3	-	20	37	873	2,045
Delaware-----	-	-	-	-	-	1	-	-	2	2	27	42
Maryland-----	-	-	-	1	1	10	-	-	2	1	73	288
District of Columbia-----	-	-	-	-	1	2	-	-	1	1	17	38
Virginia-----	-	2	1	-	23	16	1	-	9	20	341	866
West Virginia-----	-	-	-	2	5	15	-	-	2	2	52	211
North Carolina-----	1	-	2	1	28	38	2	-	2	4	81	255
South Carolina-----	-	-	-	4	47	65	-	-	1	-	54	52
Georgia-----	-	-	5	3	46	75	-	-	-	5	114	123
Florida-----	-	-	1	-	55	36	-	-	1	2	114	170
EAST SOUTH CENTRAL-----	1	1	-	14	121	166	1	2	18	17	1,219	1,202
Kentucky-----	-	1	-	1	8	39	-	-	6	2	378	203
Tennessee-----	1	-	-	-	19	22	-	2	7	6	519	483
Alabama-----	-	-	-	13	59	83	-	-	-	5	149	228
Mississippi-----	-	-	-	-	35	22	1	-	5	4	173	288
WEST SOUTH CENTRAL-----	-	3	5	4	231	177	2	6	16	25	1,031	1,321
Arkansas-----	-	-	1	-	18	9	-	-	2	-	93	182
Louisiana-----	-	3	-	2	25	25	-	-	3	2	111	100
Oklahoma-----	-	-	-	-	56	22	-	1	5	4	80	133
Texas-----	-	-	4	2	132	121	2	5	6	19	747	906
MOUNTAIN-----	1	1	-	-	24	15	-	1	12	26	1,231	1,756
Montana-----	-	-	-	-	3	3	-	-	1	7	309	258
Idaho-----	-	-	-	-	1	-	-	-	1	2	159	202
Wyoming-----	-	-	-	-	4	-	-	-	1	2	65	67
Colorado-----	1	-	-	-	3	-	-	1	4	8	277	345
New Mexico-----	-	-	-	-	5	3	-	-	-	3	109	298
Arizona-----	-	1	-	-	5	6	-	-	3	4	245	517
Utah-----	-	-	-	-	3	1	-	-	2	-	63	49
Nevada-----	-	-	-	-	-	2	-	-	-	-	4	20
PACIFIC-----	-	1	2	1	47	34	11	5	53	62	2,357	2,848
Washington-----	-	1	-	1	8	17	-	-	8	10	505	623
Oregon-----	-	-	1	-	11	-	-	-	9	15	460	797
California-----	-	-	-	-	28	17	11	5	36	37	1,392	1,428
Alaska-----	-	-	-	-	35	-	-	-	-	6	65	214
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico-----	-	-	1	-	49	55	-	-	-	1	173	45

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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 AUGUST 27, 1955 AND AUGUST 25, 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	
	34th week		Cumulative first 34 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	943	2,287	2,8,031	14,135	375	695	377	927	4	12	1,244	974
NEW ENGLAND-----	15	505	149	2,635	3	180	9	189	-	2	33	28
Maine-----	1	18	13	76	1	8	-	10	-	-	3	4
New Hampshire-----	-	27	3	136	-	-	-	-	-	-	-	-
Vermont-----	-	13	16	60	-	6	-	7	-	-	2	7
Massachusetts-----	6	355	70	1,968	2	153	3	143	-	2	17	15
Rhode Island-----	1	36	8	126	-	3	-	1	-	-	-	-
Connecticut-----	7	56	39	269	-	10	6	28	-	-	11	2
MIDDLE ATLANTIC-----	79	365	495	1,664	15	70	44	135	-	1	337	155
New York-----	51	238	336	1,042	11	70	33	135	-	-	251	108
New Jersey-----	15	59	82	266	4	-	11	-	-	1	46	18
Pennsylvania-----	13	68	77	356	-	-	-	-	-	-	40	29
EAST NORTH CENTRAL-----	320	738	2,077	2,942	139	202	104	267	-	-	233	186
Ohio-----	46	124	248	579	10	15	9	14	-	-	34	41
Indiana-----	26	34	162	191	12	10	6	17	-	-	4	3
Illinois-----	167	111	1,219	624	90	40	61	48	-	-	8	31
Michigan-----	42	116	266	624	17	22	16	75	-	-	36	54
Wisconsin-----	39	353	182	924	10	115	12	113	-	-	151	57
WEST NORTH CENTRAL-----	147	167	717	1,198	23	44	89	96	1	-	26	37
Minnesota-----	15	60	77	326	8	19	7	41	-	-	8	4
Iowa-----	68	44	273	358	1	7	62	33	-	-	10	6
Missouri-----	31	17	183	119	9	8	6	1	1	-	7	5
North Dakota-----	2	3	10	36	-	-	2	-	-	-	-	13
South Dakota-----	1	11	22	52	-	1	-	7	-	-	-	-
Nebraska-----	12	11	63	160	2	3	10	6	-	-	1	-
Kansas-----	18	21	89	147	3	6	2	8	-	-	-	9
SOUTH ATLANTIC-----	77	160	737	1,405	46	63	24	85	-	-	126	61
Delaware-----	1	3	9	14	1	-	-	3	-	-	2	-
Maryland-----	6	25	34	130	6	13	-	12	-	-	6	4
District of Columbia-----	-	4	3	25	-	2	-	2	-	-	2	8
Virginia-----	13	25	95	200	11	6	2	19	-	-	23	25
West Virginia-----	9	14	58	80	7	5	-	8	-	-	8	12
North Carolina-----	19	38	155	260	10	13	8	24	-	-	9	4
South Carolina-----	6	21	62	176	4	8	2	5	-	-	46	4
Georgia-----	13	14	106	142	4	8	7	5	-	-	5	2
Florida-----	10	16	215	348	3	8	5	7	-	-	25	4
EAST SOUTH CENTRAL-----	58	68	364	643	27	29	10	25	-	-	98	26
Kentucky-----	10	36	101	264	3	13	6	17	-	-	31	5
Tennessee-----	12	16	74	124	10	8	1	4	-	-	35	7
Alabama-----	15	10	44	116	-	4	-	4	-	-	23	8
Mississippi-----	21	6	145	139	14	4	3	-	-	-	9	6
WEST SOUTH CENTRAL-----	109	123	1,574	1,727	62	47	39	53	1	5	121	132
Arkansas-----	9	17	93	131	8	8	1	9	-	-	9	4
Louisiana-----	31	11	425	233	24	6	7	5	-	-	2	2
Oklahoma-----	19	15	142	171	7	3	4	1	1	-	4	5
Texas-----	50	80	914	1,192	23	30	27	38	-	5	106	121
MOUNTAIN-----	41	41	411	593	12	16	16	10	-	-	99	136
Montana-----	1	3	22	44	-	2	1	-	-	-	5	39
Idaho-----	10	10	61	171	5	6	1	1	-	-	25	3
Wyoming-----	4	-	16	21	1	-	3	-	-	-	1	1
Colorado-----	9	10	59	122	2	4	6	5	-	-	29	47
New Mexico-----	2	10	36	78	1	4	1	4	-	-	7	24
Arizona-----	7	3	92	58	3	-	4	-	-	-	12	15
Utah-----	8	4	103	44	-	-	-	-	-	-	19	7
Nevada-----	-	1	22	55	-	-	-	-	-	-	2	-
PACIFIC-----	97	120	1,507	1,328	48	44	42	67	2	4	171	213
Washington-----	9	16	94	148	2	5	1	3	-	2	39	26
Oregon-----	3	18	91	156	1	6	1	11	-	-	23	28
California-----	85	86	1,322	1,024	45	33	40	53	2	2	109	159
Alaska-----	1	4	9	28	1	3	-	1	-	-	20	1
Hawaii-----	2	3	58	57	1	1	1	2	-	-	71	15
Puerto Rico-----	-	-	34	436	-	-	-	-	-	-	80	10

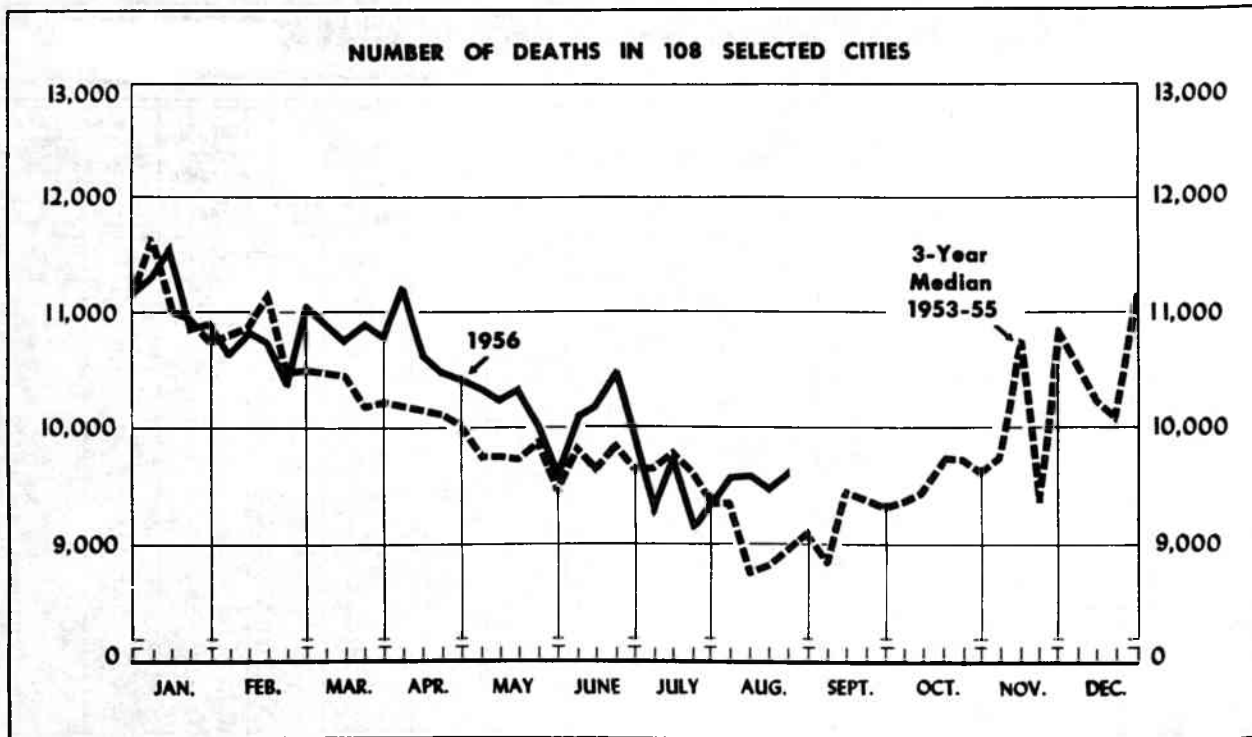
¹Includes cases not specified by type, category number 080.3.²Includes revised reports from Iowa for weeks ended July 21 and August 18; North Carolina for weeks ended June 30, and July 14 and 28; and Georgia for week ended August 11.

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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 AUGUST 27, 1955 AND AUGUST 25, 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	
			340			34th week		Cumulative first 34 weeks		101		
	057	1956	1955	096.2	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	28	51	31	4	-	48	53	1,194	1,093	4	61	65
NEW ENGLAND-----	1	1	-	-	-	1	1	41	20	-	-	-
Maine-----	-	1	-	-	-	-	1	12	5	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	-	-	-	-	-	13	9	-	-	-
Rhode Island-----	1	-	-	-	-	-	-	5	1	-	-	-
Connecticut-----	-	-	-	-	-	1	-	10	5	-	-	-
MIDDLE ATLANTIC-----	2	5	-	-	-	8	5	162	113	-	8	13
New York-----	2	1	-	-	-	5	1	47	21	-	6	9
New Jersey-----	-	1	-	-	-	-	2	20	18	-	-	-
Pennsylvania-----	-	3	-	-	-	3	2	95	74	-	2	4
EAST NORTH CENTRAL-----	4	20	2	1	-	3	6	167	103	-	13	7
Ohio-----	1	-	-	1	-	1	5	33	47	-	-	2
Indiana-----	-	7	1	-	-	-	1	19	12	-	7	1
Illinois-----	1	3	1	-	-	-	-	32	22	-	6	-
Michigan-----	1	5	-	-	-	2	-	42	18	-	-	2
Wisconsin-----	1	5	-	-	-	-	-	41	4	-	-	2
WEST NORTH CENTRAL-----	4	2	1	-	-	4	1	151	61	-	11	5
Minnesota-----	-	1	-	-	-	-	-	32	5	-	-	-
Iowa-----	1	-	1	-	-	-	-	55	17	-	7	1
Missouri-----	3	1	-	-	-	2	1	36	29	-	2	4
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	-	-	-	-	-	1	-	11	4	-	2	-
Kansas-----	-	-	-	-	-	1	-	8	2	-	-	-
SOUTH ATLANTIC-----	4	1	14	1	-	6	6	195	212	-	20	17
Delaware-----	-	-	-	-	-	-	-	1	1	-	-	-
Maryland-----	1	-	1	-	-	1	-	17	15	-	-	-
District of Columbia-----	-	-	3	-	-	-	-	11	4	-	-	-
Virginia-----	-	-	7	-	-	1	-	32	31	-	5	9
West Virginia-----	1	-	-	-	-	1	1	20	26	-	2	1
North Carolina-----	1	1	-	1	-	2	2	23	21	-	-	-
South Carolina-----	-	-	1	-	-	-	1	22	33	-	5	2
Georgia-----	-	-	2	-	-	-	2	35	38	-	6	4
Florida-----	1	-	-	-	-	1	-	34	43	-	2	1
EAST SOUTH CENTRAL-----	5	7	4	1	-	8	7	145	172	1	15	9
Kentucky-----	1	4	-	-	-	1	4	27	83	-	5	3
Tennessee-----	-	-	4	1	-	3	2	58	50	-	-	1
Alabama-----	3	2	-	-	-	4	1	17	27	1	6	5
Mississippi-----	1	1	-	-	-	-	-	43	12	-	2	-
WEST SOUTH CENTRAL-----	1	6	6	-	-	11	19	215	261	3	8	6
Arkansas-----	-	-	1	-	-	6	-	48	51	-	2	-
Louisiana-----	1	1	-	-	-	-	14	34	58	-	6	-
Oklahoma-----	-	1	1	-	-	3	1	29	38	-	-	-
Texas-----	-	4	4	-	-	2	4	104	114	3	-	6
MOUNTAIN-----	2	4	1	-	-	2	5	43	83	-	2	-
Montana-----	-	1	-	-	-	-	3	4	4	-	-	-
Idaho-----	1	1	-	-	-	-	-	2	7	-	-	-
Wyoming-----	-	1	-	-	-	-	-	2	6	-	-	-
Colorado-----	-	1	1	-	-	1	-	9	7	-	-	-
New Mexico-----	1	-	-	-	-	-	2	11	42	-	-	-
Arizona-----	-	-	-	-	-	1	-	12	13	-	2	-
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	5	5	3	1	-	5	3	75	68	-	4	8
Washington-----	-	-	-	1	-	1	-	2	1	-	-	-
Oregon-----	-	-	3	-	-	-	-	7	8	-	-	-
California-----	5	5	-	-	-	4	3	66	59	-	4	8
Alaska-----	-	-	-	-	-	-	-	1	3	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	-	-	-	-	-	1	-	37	31	-	-	-



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	34th week ended Aug. 25, 1956	33d week ended Aug. 18, 1956	34th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 34 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	8,710	8,616	8,061	+8.1	316,627	311,892	+1.5
New England----- (13 cities)	440	398	394	+11.7	15,364	15,465	-0.7
Middle Atlantic----- (17 cities)	2,702	2,682	2,556	+5.7	101,819	102,564	-0.7
East North Central----- (17 cities)	1,370	1,397	1,371	-0.1	51,718	51,285	+0.8
West North Central----- (8 cities)	617	684	659	-6.4	24,226	23,494	+3.1
South Atlantic----- (9 cities)	766	775	634	+20.8	27,354	26,225	+4.3
East South Central----- (8 cities)	491	413	541	-9.2	16,183	16,032	+0.9
West South Central----- (13 cities)	879	909	715	+22.9	28,711	26,801	+7.1
Mountain----- (7 cities)	203	213	177	+14.7	7,582	7,351	+3.1
Pacific----- (12 cities)	1,242	1,145	1,107	+12.2	43,670	42,675	+2.3

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 25, 1956

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

CITY	34th week ended	33d week ended	CUMULATIVE NUMBER FIRST 34 WEEKS		CITY	34th week ended	33d week ended	CUMULATIVE NUMBER FIRST 34 WEEKS	
	Aug. 25, 1956	Aug. 18, 1956	1956	1955		Aug. 25, 1956	Aug. 18, 1956	1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	---	(218)	---	(8,047)	St. Louis, Mo.-----	207	239	8,002	7,469
Bridgeport, Conn.-----	43	45	1,271	1,280	St. Paul, Minn.-----	66	81	2,282	2,197
Cambridge, Mass.-----	32	27	1,022	977	Wichita, Kans.-----	43	44	1,386	1,289
Fall River, Mass.-----	17	25	945	950	SOUTH ATLANTIC				
Hartford, Conn.-----	52	34	1,601	1,572	Atlanta, Ga.-----	109	107	3,738	3,527
Lowell, Mass.-----	17	19	820	857	Baltimore, Md.-----	216	220	7,834	7,705
Lynn, Mass.-----	23	21	719	781	Charlotte, N. C.-----	39	24	1,063	940
New Bedford, Mass.-----	23	24	779	833	Jacksonville, Fla.-----	(55)	(52)	(1,747)	(1,605)
New Haven, Conn.-----	38	40	1,565	1,485	Miami, Fla.-----	41	59	1,733	1,848
Providence, R. I.-----	60	56	2,144	2,185	Norfolk, Va.-----	24	29	1,078	1,077
Somerville, Mass.-----	13	10	539	522	Richmond, Va.-----	68	64	2,406	2,199
Springfield, Mass.-----	41	30	1,415	1,399	Savannah, Ga.-----	(32)	(36)	(994)	(953)
Waterbury, Conn.-----	24	22	859	854	Tampa, Fla.-----	57	68	2,046	1,884
Worcester, Mass.-----	57	45	1,685	1,770	Washington, D. C.-----	164	170	6,266	5,854
MIDDLE ATLANTIC					Wilmingon, Del.-----	48	34	1,190	1,211
Albany, N. Y.-----	44	44	1,660	1,640	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(32)	(24)	(1,276)	(1,238)	Birmingham, Ala.-----	70	79	2,618	2,600
Buffalo, N. Y.-----	166	105	4,800	4,630	Chattanooga, Tenn.-----	35	33	1,427	1,489
Camden, N. J.-----	42	44	1,334	1,270	Knoxville, Tenn.-----	38	23	1,173	1,152
Elizabeth, N. J.-----	24	26	950	926	Louisville, Ky.-----	98	82	3,625	3,578
Erie, Pa.-----	18	34	1,130	1,201	Memphis, Tenn.-----	124	99	3,410	3,363
Jersey City, N. J.-----	68	72	2,405	2,381	Mobile, Ala.-----	31	33	1,132	978
Newark, N. J.-----	58	97	3,276	3,457	Montgomery, Ala.-----	34	27	993	878
New York City, N. Y.-----	1,418	1,379	52,910	53,570	Nashville, Tenn.-----	61	37	1,805	1,994
Paterson, N. J.-----	28	43	1,258	1,297	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	429	408	16,402	16,631	Austin, Tex.-----	32	21	955	871
Pittsburgh, Pa.-----	163	156	6,232	6,046	Baton Rouge, La.-----	21	30	758	733
Reading, Pa.-----	---	(18)	---	(782)	Corpus Christi, Tex.-----	27	23	659	592
Rochester, N. Y.-----	76	93	3,179	3,187	Dallas, Tex.-----	128	125	3,651	3,284
Schenectady, N. Y.-----	25	14	763	783	El Paso, Tex.-----	28	22	918	987
Scranton, Pa.-----	(32)	(31)	(1,190)	(1,129)	Fort Worth, Tex.-----	70	59	1,983	1,846
Syracuse, N. Y.-----	58	60	2,004	1,892	Houston, Tex.-----	130	139	4,545	4,233
Trenton, N. J.-----	36	53	1,488	1,643	Little Rock, Ark.-----	54	48	1,555	1,513
Utica, N. Y.-----	19	30	1,004	1,022	New Orleans, La.-----	146	175	5,463	5,090
Yonkers, N. Y.-----	30	24	1,024	988	Oklahoma City, Okla.-----	74	69	2,129	1,922
EAST NORTH CENTRAL					San Antonio, Tex.-----	87	80	2,978	2,919
Akron, Ohio-----	35	52	1,770	1,781	Shreveport, La.-----	63	55	1,566	1,306
Canton, Ohio-----	25	21	963	915	Tulsa, Okla.-----	19	63	1,551	1,505
Chicago, Ill.-----	---	---	---	(24,777)	MOUNTAIN				
Cincinnati, Ohio-----	134	146	5,161	5,114	Albuquerque, N. Mex.-----	---	(12)	---	(782)
Cleveland, Ohio-----	173	183	6,988	6,725	Colorado Springs, Colo.-----	6	14	431	452
Columbus, Ohio-----	108	97	3,653	3,647	Denver, Colo.-----	92	104	3,687	3,673
Dayton, Ohio-----	69	53	2,248	2,231	Ogden, Utah-----	14	12	425	371
Detroit, Mich.-----	291	297	10,853	11,175	Phoenix, Ariz.-----	22	21	893	819
Evansville, Ind.-----	31	28	1,128	1,083	Pueblo, Colo.-----	15	10	413	441
Flint, Mich.-----	28	38	1,313	1,257	Salt Lake City, Utah-----	39	46	1,545	1,439
Fort Wayne, Ind.-----	37	37	1,211	1,172	Tucson, Ariz.-----	15	6	188	156
Gary, Ind.-----	(33)	(27)	(972)	(949)	PACIFIC				
Grand Rapids, Mich.-----	47	34	1,426	1,443	Berkeley, Calif.-----	12	15	572	607
Indianapolis, Ind.-----	100	94	3,949	3,745	Long Beach, Calif.-----	54	53	1,778	1,657
Milwaukee, Wis.-----	100	119	4,207	4,276	Los Angeles, Calif.-----	484	400	15,938	15,317
Peoria, Ill.-----	32	31	959	988	Oakland, Calif.-----	97	74	3,105	2,949
South Bend, Ind.-----	30	25	828	831	Pasadena, Calif.-----	36	31	1,212	1,226
Toledo, Ohio-----	66	82	3,176	3,141	Portland, Oreg.-----	63	83	3,196	3,232
Youngstown, Ohio-----	64	60	1,885	1,761	Sacramento, Calif.-----	44	45	1,630	1,664
WEST NORTH CENTRAL					San Diego, Calif.-----	70	74	2,549	2,486
Des Moines, Iowa-----	41	47	1,714	1,742	San Francisco, Calif.-----	185	163	6,477	6,316
Duluth, Minn.-----	16	19	894	872	Seattle, Wash.-----	120	113	4,326	4,372
Kansas City, Kans.-----	---	---	---	(1,202)	Spokane, Wash.-----	39	55	1,594	1,550
Kansas City, Mo.-----	90	102	3,722	3,740	Tacoma, Wash.-----	38	39	1,293	1,299
Minneapolis, Minn.-----	95	100	4,018	3,971	Honolulu, Hawaii-----	(36)	(35)	(1,186)	(1,209)
Omaha, Nebr.-----	59	52	2,208	2,214					

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

EPIDEMIOLOGICAL REPORTS—Continued

The Los Angeles County Health Department reported 2 cases of staphylococcal food poisoning in persons who purchased Boston cream pie from a bakery. The pies had been placed on a shelf directly under display lighting fixtures. Many pigmented coagulase-positive cocci showing gelatin liquefaction were found in samples collected.

The Cleveland, Ohio, Department of Health, has reported a small outbreak of gastro-enteritis in persons who ate ham. The ham had been kept frozen until cooked. Illness occurred in those who ate the ham 5 and 6 days after cooking.

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