

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 April 21, 1956

Two diseases for which trends have been satisfactorily down for a number of years have shown a reversal so far in 1956. Both diphtheria and typhoid fever have shown upward trends since January 1, 1956, as compared with the same period in 1955.

Reported cases of diphtheria for the first 16 weeks of 1956 are about 18 percent above those for the same period of 1955. Increases in the number of reported cases have occurred in the following geographic divisions: Mountain (225 percent); East North Central (89 percent); Pacific (50 percent); West South Central (35 percent); and East South Central (31 percent). Decreases have been registered in the remaining divisions.

Significant increases in the numbers of cases of typhoid fever have been reported in the New England, East North Central, and West North Central Divisions, and in certain States located in other divisions. An increase of 50 percent or more has been reported in each of the following States: Maine, Connecticut, New York, Indiana, Wisconsin, Minnesota, Missouri, North Dakota, Nebraska, Maryland, the District of Columbia, North Carolina, Tennessee, Mississippi, and Colorado. Cases occurring in certain East North Central and West North Central States have been investigated from the standpoint of a common source. However, final results of the investigation are not available at this time.

EPIDEMIOLOGICAL REPORTS

Influenza-like disease

Dr. C. R. Hayman, Alaska Department of Health, has reported the occurrence of an influenza-like disease in 3 small villages. The illness was characterized by fever, malaise, and cough; some patients had a rather severe cough and a few had sore throats. The duration of the illness ranged from 2 to 4 days. A total of 242 cases of the disease was reported among the 1,143 inhabitants of these villages.

Rabies in a rat

The Nebraska State Department of Health has reported a laboratory confirmed case of rabies in a rat. This is the second case in the United States known to have been confirmed as rabies in a rat. The first occurred in Georgia last October. A 4-year-old boy was bitten by a rat while visiting relatives in Omaha. The rat was captured and subsequently it died. Laboratory examination of its brain revealed Negri bodies. Pasteur treatment is being given the child.

Bovine tuberculosis—probably human origin

The Michigan Veterinary Reporting Service has reported that in a herd of 15 dairy cattle tested for tuberculosis, 2 reactors were found. Upon slaughter, no visible lesions were found in these reactors. The tests were made at the request of the owner whose 16-year-old son was admitted to a hospital with advanced active pulmonary tuberculosis. The boy had been in contact with the cattle since 1952 when they were purchased as heifers. Since September 1955 the boy had been sole caretaker of the farm and cattle. His parents worked in a nearby town and returned to the farm on weekends.

Meningitis, meningococcus

For the weeks ended March 3 and March 10 information was given about the occurrence of an unusual number of cases of meningitis in the metropolitan area of New Orleans. Laboratory examination of 2 specimens received by the National Institutes of Health, Bethesda, Maryland, shows the organisms were not of group I (group A), and therefore, a true epidemic is probably not indicated.

Measles

Dr. C. R. Hayman, Alaska Department of Health, has reported an outbreak of measles in and around a community of approximately 600 inhabitants. During the latter half of March an estimated 82 cases occurred. Gamma globulin prophylaxis has been given to contacts in the 5-month to 5-year age group and to pregnant women.

Staphylococcal infections

Dr. Donald N. Wysham, Washington State Department of Health, has reported an outbreak of staphylococcal infections in the obstetrical service unit of a hospital. During a 7-week period in February and March, 119 live infants were born in this unit, most of whom have been kept under observation by the Epidemiology Section of the State Department of Health for a minimum of 3 weeks. To date, 50 staphylococcal infections have occurred among the infants. The majority of these were mild skin infections, but several cases of severe skin infections, similar to pemphigus neonatorum, have occurred. One case of staphylococcal septicemia occurred in an infant. Several breast abscesses in infants have occurred in this unit in recent months, but none occurred during the epidemic that was observed. However, 9 mothers of the 119 currently studied have developed mastitis or breast abscesses.

The majority of the staphylococci isolated from skin lesions of infants were resistant to tetracycline, penicillin, and streptomycin, and were sensitive to chloromycetin, erythromycin, and bacitracin. Staphylococci isolated from maternal breast abscesses had the same sensitivity pattern. Staphylococci isolated from patients in this epidemic were phage typed, and a majority appear to be of the pattern 52/42B in phage group III.

Gastro-enteritis

According to our report under gastro-enteritis for the week ended March 10, 3 cases in California probably resulted from sewage-contaminated food. It was erroneously stated that the septic tank backflowed into the kitchen fixtures. Sewage backed up into the bathroom fixtures but not into the kitchen. Sewage contamination of food was possible but lack of conclusive evidence prevented a definite decision, and the source of this outbreak was not determined.

The Los Angeles County Health Department has reported an outbreak of gastro-enteritis in a private residence. Four individuals (a mother and 3 children) became ill from 15 minutes to 2 hours after eating "menudo." The ingredients of the food—tripe, hominy, onion, and garlic—were purchased from a local market. None of the food was available for bacterio-

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logical or chemical examination.

Dr. Fred Long, Commissioner of Health, Peoria, Illinois, has reported an outbreak of gastro-enteritis in a family of 6. All became ill 1½ hours after eating turkey and dressing which had been left unrefrigerated for approximately a day. Samples of the dressing were not available, but virulent Staphylococcus aureus was found in samples of the turkey.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis among persons who ate eclairs from a chainstore bakery. The number of persons involved was not determined, but the contaminated product was probably handled by a number of outlets. Eclairs from 4 stores in 4 different cities yielded Staphylococcus

aureus, coagulase positive. An investigation of the bakery revealed that sanitation was "terrible." Nose and throat cultures from 2 employees yielded the same organism. However, they did not work on eclairs but were "cream pie men." The same filling was used in the cream pies, but no illnesses resulting from their consumption have been reported.

Communicable diseases in other areas

The Pan American Sanitary Bureau has received information that 5 cases of jungle yellow fever with 4 deaths have been reported in the La Paz Department, Bolivia. The last case reported in the immediate area of the present cases was in 1947.

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	16th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 21, 1956	Ended Apr. 23, 1955	Median 1951-55	First 16 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	1 ²	-	-	21	12	13	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	-	4	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	18	17	---	274	342	---	---	---	---	---
Diphtheria-----055	19	17	39	602	511	726	1,932	1,728	2,375	July 1
Encephalitis, infectious-----082	26	27	27	387	375	357	1,338	1,727	1,084	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	470	750	---	7,897	14,211	---	---	---	---	---
Malaria-----110-117	4	1	---	49	64	---	(²)	(²)	(²)	(²)
Measles-----085	30,290	25,019	25,019	275,257	306,627	306,627	304,355	361,096	355,390	Sept. 1
Meningococcal infections-----057	49	88	111	1,129	1,492	1,808	2,052	2,541	3,077	Sept. 1
Meningitis, other-----340	23	---	---	479	---	---	---	---	---	---
Poliomyelitis-----080	79	106	91	1,301	1,304	1,511	229	241	241	Apr. 1
Psittacosis-----096.2	6	8	---	115	107	---	(²)	(²)	(²)	(²)
Rabies in man-----094	3 ¹	-	-	4	2	2	(²)	(²)	(²)	(²)
Smallpox-----084	-	-	-	-	-	3	(²)	(²)	(²)	(²)
Typhoid fever-----040	32	22	33	415	383	473	102	76	80	Apr. 1
Typhus fever, endemic-----101	-	2	---	23	21	---	(²)	(²)	(²)	(²)
Rabies in animals-----	134	120	191	1,965	2,056	2,760	2,992	3,409	4,304	Oct. 1

¹Reported in New Hampshire.

²Frequencies are too small.

³Reported in Indiana.

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 APRIL 23, 1955 AND APRIL 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, INFECTION		HEPATITIS, INFECTION, AND SERUM 092, N998.5 pt.			
	044		16th week		Cumulative first 16 weeks		082		16th week		Cumulative first 16 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	18	17	19	17	602	511	26	27	470	750	7,897	14,211
NEW ENGLAND-----	-	1	-	1	4	14	2	1	31	60	524	1,326
Maine-----	-	-	-	-	-	-	-	-	10	5	131	123
New Hampshire-----	-	-	-	-	1	-	-	-	2	1	18	48
Vermont-----	-	1	-	-	-	1	-	-	1	2	76	104
Massachusetts-----	-	-	-	1	3	13	1	1	6	20	112	485
Rhode Island-----	-	-	-	-	-	-	-	-	7	8	60	189
Connecticut-----	-	-	-	-	-	-	1	-	5	24	127	377
MIDDLE ATLANTIC-----	-	1	3	2	23	25	6	9	111	202	1,532	3,593
New York-----	-	-	2	1	10	17	4	6	52	113	819	1,889
New Jersey-----	-	-	-	1	5	2	2	2	10	18	149	240
Pennsylvania-----	-	1	1	-	8	6	-	1	49	71	564	1,464
EAST NORTH CENTRAL-----	4	2	5	1	125	66	6	4	83	122	1,254	2,069
Ohio-----	1	-	2	1	12	22	-	-	23	12	308	364
Indiana-----	-	-	1	-	64	28	-	-	15	15	196	321
Illinois-----	-	1	-	-	2	2	2	-	18	64	315	462
Michigan-----	3	-	2	-	46	12	4	2	21	17	285	626
Wisconsin-----	-	1	-	-	1	2	-	2	6	14	150	296
WEST NORTH CENTRAL-----	8	9	-	-	63	73	1	1	29	91	697	1,923
Minnesota-----	2	4	-	-	24	23	-	-	7	40	206	671
Iowa-----	5	5	-	-	14	4	-	-	10	18	179	593
Missouri-----	1	-	-	-	6	6	-	-	3	8	35	206
North Dakota-----	-	-	-	-	-	-	-	-	4	8	64	115
South Dakota-----	-	-	-	-	1	29	-	-	3	8	101	205
Nebraska-----	-	-	-	-	16	10	-	-	1	9	61	38
Kansas-----	-	-	-	-	2	1	1	1	1	-	51	95
SOUTH ATLANTIC-----	-	-	3	6	112	135	5	1	24	63	477	1,275
Delaware-----	-	-	-	-	-	-	-	-	1	2	14	23
Maryland-----	-	-	-	-	-	2	-	-	3	9	48	149
District of Columbia-----	-	-	-	-	1	2	-	-	-	2	7	24
Virginia-----	-	-	-	2	16	11	-	1	12	29	204	570
West Virginia-----	-	-	-	-	4	6	1	-	-	3	21	156
North Carolina-----	-	-	-	1	16	22	1	-	3	4	44	156
South Carolina-----	-	-	2	1	20	24	3	-	1	5	23	30
Georgia-----	-	-	1	1	24	50	-	-	1	1	57	75
Florida-----	-	-	-	1	31	18	-	-	3	8	59	92
EAST SOUTH CENTRAL-----	2	-	2	3	89	68	1	3	53	28	719	708
Kentucky-----	1	-	-	-	4	13	1	-	18	4	214	112
Tennessee-----	1	-	-	-	16	12	-	1	28	17	335	308
Alabama-----	-	-	-	1	47	27	-	2	4	3	73	134
Mississippi-----	-	-	2	2	22	16	-	-	3	4	97	154
WEST SOUTH CENTRAL-----	1	1	6	4	149	110	-	6	47	42	591	696
Arkansas-----	-	-	-	-	16	6	-	-	1	2	58	98
Louisiana-----	-	1	1	1	15	18	-	-	4	7	34	46
Oklahoma-----	-	-	2	-	45	12	-	-	4	4	36	72
Texas-----	1	-	3	3	73	74	-	6	38	29	463	480
MOUNTAIN-----	1	-	-	-	13	4	-	-	40	49	863	1,086
Montana-----	-	-	-	-	-	2	-	-	7	15	238	125
Idaho-----	-	-	-	-	-	-	-	-	7	8	112	131
Wyoming-----	-	-	-	-	3	-	-	-	6	1	46	32
Colorado-----	1	-	-	-	3	-	-	-	8	5	177	218
New Mexico-----	-	-	-	-	1	-	-	-	5	4	80	228
Arizona-----	-	-	-	-	5	1	-	-	6	14	181	295
Utah-----	-	-	-	-	1	1	-	-	1	2	27	37
Nevada-----	-	-	-	-	-	-	-	-	-	-	2	20
PACIFIC-----	2	3	-	-	24	16	5	2	52	93	1,240	1,535
Washington-----	-	1	-	-	2	5	-	-	16	30	284	346
Oregon-----	-	1	-	-	8	-	-	-	10	32	238	419
California-----	2	1	-	-	14	11	5	2	26	31	718	770
Alaska-----	-	-	-	-	-	-	-	-	10	6	43	135
Hawaii-----	-	-	-	-	-	-	-	-	-	-	15	24
Puerto Rico-----	-	-	1	5	16	33	-	-	4	-	75	20

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 23, 1955 AND APRIL 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	
	16th week		Cumulative first 16 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	79	106	1,301	1,304	41	45	26	35	4	1	30,290	25,019
NEW ENGLAND-----	1	-	37	28	1	-	-	-	-	-	251	3,250
Maine-----	1	-	8	3	1	-	-	-	-	-	17	204
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	1	173
Vermont-----	-	-	7	11	-	-	-	-	-	-	19	263
Massachusetts-----	-	-	18	8	-	-	-	-	-	-	132	1,233
Rhode Island-----	-	-	2	-	-	-	-	-	-	-	6	202
Connecticut-----	-	-	-	3	-	-	-	-	-	-	76	1,175
MIDDLE ATLANTIC-----	4	5	91	151	2	1	-	-	-	-	4,914	6,295
New York-----	4	2	63	92	2	1	-	-	-	-	1,848	1,803
New Jersey-----	-	1	11	23	-	-	-	-	-	-	662	3,516
Pennsylvania-----	-	2	17	36	-	-	-	-	-	-	2,404	976
EAST NORTH CENTRAL-----	10	10	98	129	3	4	5	1	-	-	8,727	5,442
Ohio-----	1	3	21	34	-	1	-	-	-	-	1,829	660
Indiana-----	-	-	7	11	-	-	-	-	-	-	1,013	309
Illinois-----	2	3	18	28	-	3	2	-	-	-	2,436	457
Michigan-----	4	1	31	42	1	-	2	1	-	-	2,291	933
Wisconsin-----	3	3	21	14	2	-	1	-	-	-	1,158	3,083
WEST NORTH CENTRAL-----	5	7	61	98	1	4	2	3	-	-	1,153	932
Minnesota-----	1	3	11	18	1	1	-	2	-	-	15	303
Iowa-----	4	1	15	19	-	1	2	-	-	-	337	347
Missouri-----	-	-	16	11	-	-	-	-	-	-	467	156
North Dakota-----	-	-	2	3	-	-	-	-	-	-	112	23
South Dakota-----	-	1	8	12	-	1	-	-	-	-	1	12
Nebraska-----	-	2	3	16	-	1	-	-	1	-	80	5
Kansas-----	-	-	6	19	-	-	-	-	-	-	141	86
SOUTH ATLANTIC-----	5	22	108	228	3	9	2	11	1	-	3,932	786
Delaware-----	-	1	1	4	-	-	-	-	-	-	42	3
Maryland-----	-	-	4	6	-	-	-	-	-	-	236	93
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	74	22
Virginia-----	-	1	4	7	-	-	-	1	-	-	1,810	142
West Virginia-----	2	1	6	8	2	1	-	-	-	-	546	248
North Carolina-----	-	1	26	32	-	-	-	1	-	-	636	107
South Carolina-----	-	3	8	11	-	1	-	2	-	-	338	29
Georgia-----	-	-	12	22	-	-	-	-	-	-	77	68
Florida-----	3	15	47	² 158	1	7	2	7	1	-	173	74
EAST SOUTH CENTRAL-----	3	5	52	72	-	3	1	1	-	-	2,778	523
Kentucky-----	-	2	19	28	-	2	-	-	-	-	1,112	123
Tennessee-----	1	2	8	13	-	-	1	1	-	-	1,217	219
Alabama-----	1	-	2	10	-	-	-	-	-	-	312	87
Mississippi-----	1	1	23	21	-	1	-	-	-	-	137	94
WEST SOUTH CENTRAL-----	19	35	286	234	14	16	4	9	3	1	5,314	2,331
Arkansas-----	-	2	10	17	-	1	-	1	-	-	537	170
Louisiana-----	7	6	47	39	7	5	-	1	-	-	349	12
Oklahoma-----	1	2	12	18	1	-	-	-	1	-	606	242
Texas-----	11	25	217	160	6	10	4	7	2	1	3,822	1,907
MOUNTAIN-----	7	4	83	80	2	-	2	-	-	-	1,391	977
Montana-----	-	-	10	11	-	-	-	-	-	-	214	18
Idaho-----	-	1	10	9	-	-	-	-	-	-	109	22
Wyoming-----	-	-	3	5	-	-	-	-	-	-	36	1
Colorado-----	-	-	8	15	-	-	-	-	-	-	494	132
New Mexico-----	1	-	4	3	-	-	-	-	-	-	211	185
Arizona-----	5	1	35	7	2	-	-	2	-	-	289	607
Utah-----	-	2	8	21	-	-	-	-	-	-	38	8
Nevada-----	1	-	10	9	-	-	-	-	-	-	-	4
PACIFIC-----	25	18	485	284	15	8	10	10	-	-	1,830	4,483
Washington-----	2	-	23	23	-	-	2	-	-	-	467	448
Oregon-----	2	2	35	25	1	1	1	1	-	-	75	214
California-----	21	16	427	236	14	7	7	9	-	-	1,288	3,821
Alaska-----	1	-	2	6	-	-	-	-	-	-	140	13
Hawaii-----	-	-	44	8	-	-	-	-	-	-	22	453
Puerto Rico-----	4	14	9	325	4	14	-	-	-	-	20	176

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

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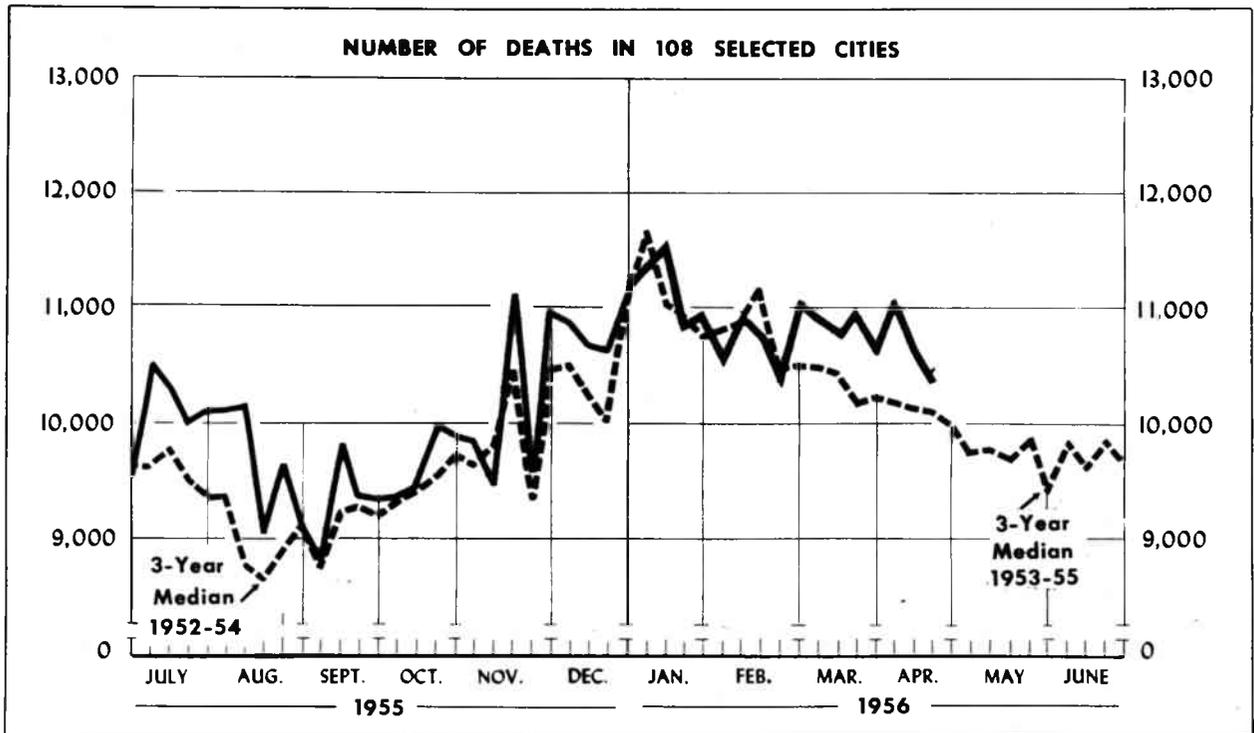
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 23, 1955 AND APRIL 21, 1956—Continued

(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		16th week		Cumulative first 16 weeks		101	1956
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	49	88	23	6	8	32	22	415	383		134	120
NEW ENGLAND-----	2	1	2	-	-	-	2	16	7	-	-	-
Maine-----	-	-	-	-	-	-	1	9	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	-	-	-	2	4	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	1	-	-	-	-
Connecticut-----	1	1	-	-	-	1	4	1	1	-	-	-
MIDDLE ATLANTIC-----	10	19	-	-	-	1	1	52	49	-	10	15
New York-----	3	8	-	-	-	-	1	17	9	-	4	12
New Jersey-----	2	3	-	-	-	-	-	3	6	-	-	-
Pennsylvania-----	5	8	-	-	-	1	-	32	34	-	6	3
EAST NORTH CENTRAL-----	10	13	3	-	1	4	2	59	39	-	20	6
Ohio-----	2	5	-	-	-	1	-	14	21	-	10	6
Indiana-----	-	3	1	-	-	-	-	6	-	-	3	-
Illinois-----	4	3	1	-	-	2	-	7	8	-	6	-
Michigan-----	2	-	1	-	-	-	2	11	8	-	-	-
Wisconsin-----	2	2	-	-	1	1	-	21	2	-	1	-
WEST NORTH CENTRAL-----	4	8	-	4	3	3	3	61	25	-	12	16
Minnesota-----	2	-	-	4	3	1	1	26	2	-	-	4
Iowa-----	-	-	-	-	-	-	-	9	7	-	4	6
Missouri-----	1	3	-	-	-	2	1	14	9	-	5	5
North Dakota-----	1	-	-	-	-	-	-	4	-	-	2	-
South Dakota-----	-	2	-	-	-	-	-	2	3	-	-	-
Nebraska-----	-	3	-	-	-	-	-	6	2	-	1	1
Kansas-----	-	-	-	-	-	-	1	-	2	-	-	-
SOUTH ATLANTIC-----	10	23	10	1	-	6	5	62	69	-	29	29
Delaware-----	-	-	-	1	-	-	-	1	-	-	4	-
Maryland-----	4	1	1	-	-	-	-	3	1	-	-	-
District of Columbia-----	-	1	1	-	-	1	-	6	2	-	-	-
Virginia-----	-	5	1	-	-	-	2	4	18	-	8	8
West Virginia-----	1	1	-	-	-	1	1	7	7	-	7	9
North Carolina-----	3	11	-	-	-	2	-	12	6	-	-	2
South Carolina-----	-	1	4	-	-	-	-	9	7	-	10	8
Georgia-----	-	1	3	-	-	2	2	11	15	-	-	2
Florida-----	2	2	-	-	-	-	-	9	13	-	-	-
EAST SOUTH CENTRAL-----	3	5	2	-	-	8	2	44	46	-	24	19
Kentucky-----	1	1	-	-	-	1	-	8	30	-	7	5
Tennessee-----	2	3	1	-	-	6	1	26	7	-	3	1
Alabama-----	-	-	-	-	-	1	1	3	8	-	14	11
Mississippi-----	-	1	1	-	-	-	-	7	1	-	-	2
WEST SOUTH CENTRAL-----	3	4	3	1	-	7	5	74	88	-	28	31
Arkansas-----	-	-	1	-	-	1	1	13	17	-	9	5
Louisiana-----	-	1	-	-	-	-	2	12	27	-	2	8
Oklahoma-----	2	1	2	-	-	3	-	13	10	-	-	-
Texas-----	1	2	-	1	-	3	2	36	34	-	17	18
MOUNTAIN-----	3	6	1	-	3	1	2	13	30	-	-	-
Montana-----	1	1	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	3	-	-	1	2	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	2	-	-	-
Colorado-----	1	1	1	-	-	1	-	4	1	-	-	-
New Mexico-----	-	1	-	-	-	-	-	5	14	-	-	-
Arizona-----	-	1	-	-	-	-	1	2	9	-	-	-
Utah-----	-	2	-	-	-	-	1	-	2	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	4	9	2	-	1	2	-	34	30	-	11	4
Washington-----	-	-	2	-	-	-	-	-	-	-	-	-
Oregon-----	-	2	-	-	-	-	-	4	3	-	-	-
California-----	4	7	-	-	1	2	-	30	27	-	11	4
Alaska-----	1	-	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	2	-	18	22	-	1	3

³Report for March.

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	16th week ended Apr. 21, 1956	15th week ended Apr. 14, 1956	16th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 16 WEEKS		
					1956	1955	Percent change
TOTAL: 106 REPORTING CITIES-----	10,354	10,503	9,974	+3.8	171,669	167,040	+2.8
New England----- (14 cities)	706	666	678	+4.1	11,532	11,904	-3.1
Middle Atlantic----- (17 cities)	3,071	3,205	3,096	-0.8	50,692	50,692	0
East North Central----- (18 cities)	2,199	2,343	2,202	-0.1	37,876	36,467	+3.9
West North Central----- (8 cities)	808	649	711	+13.6	11,936	11,161	+6.9
South Atlantic----- (9 cities)	777	821	763	+1.8	13,519	12,625	+7.1
East South Central----- (7 cities)	377	402	341	+10.6	6,195	5,937	+4.3
West South Central----- (13 cities)	874	779	727	+20.2	13,977	13,079	+6.9
Mountain----- (8 cities)	232	275	242	-4.1	4,124	4,043	+2.0
Pacific----- (12 cities)	1,310	1,363	1,223	+7.1	21,818	21,132	+3.2

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 21, 1956

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

CITY	16th week ended	15th week ended	CUMULATIVE NUMBER FIRST 16 WEEKS		CITY	16th week ended	15th week ended	CUMULATIVE NUMBER FIRST 16 WEEKS	
	Apr. 21, 1956	Apr. 14, 1956	1956	1955		Apr. 21, 1956	Apr. 14, 1956	1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	245	218	3,955	4,139	St. Louis, Mo.-----	296	181	4,091	3,578
Bridgeport, Conn.-----	42	30	596	619	St. Paul, Minn.-----	75	58	1,082	1,062
Cambridge, Mass.-----	27	33	521	474	Wichita, Kans.-----	38	50	659	623
Fall River, Mass.-----	23	40	473	485	SOUTH ATLANTIC				
Hartford, Conn.-----	53	54	788	809	Atlanta, Ga.-----	85	117	1,833	1,678
Lowell, Mass.-----	29	31	404	395	Baltimore, Md.-----	220	242	3,875	3,753
Lynn, Mass.-----	24	21	343	409	Charlotte, N. C.-----	23	32	511	513
New Bedford, Mass.-----	23	27	402	410	Jacksonville, Fla.-----	(58)	(43)	(880)	(794)
New Haven, Conn.-----	40	43	817	759	Miami, Fla.-----	56	42	872	838
Providence, R. I.-----	71	59	1,052	1,108	Norfolk, Va.-----	39	21	564	551
Somerville, Mass.-----	21	18	267	277	Richmond, Va.-----	62	67	1,173	1,075
Springfield, Mass.-----	30	37	693	713	Savannah, Ga.-----	(24)	(38)	(461)	(474)
Waterbury, Conn.-----	31	21	413	420	Tampa, Fla.-----	64	72	1,011	942
Worcester, Mass.-----	47	34	808	887	Washington, D. C.-----	186	179	3,078	2,681
					Wilmington, Del.-----	42	49	602	594
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	41	56	833	774	Birmingham, Ala.-----	74	81	1,288	1,303
Allentown, Pa.-----	(41)	(31)	(618)	(612)	Chattanooga, Tenn.-----	46	50	702	735
Buffalo, N. Y.-----	145	122	2,326	2,265	Knoxville, Tenn.-----	33	42	615	572
Camden, N. J.-----	52	41	642	629	Louisville, Ky.-----	---	(113)	---	(1,814)
Elizabeth, N. J.-----	17	35	478	474	Memphis, Tenn.-----	113	116	1,682	1,598
Eric, Pa.-----	36	26	563	593	Mobile, Ala.-----	32	36	549	463
Jersey City, N. J.-----	59	82	1,252	1,223	Montgomery, Ala.-----	26	29	469	425
Newark, N. J.-----	98	115	1,621	1,752	Nashville, Tenn.-----	53	48	890	841
New York City, N. Y.-----	1,607	1,703	26,220	26,743	WEST SOUTH CENTRAL				
Paterson, N. J.-----	27	43	610	647	Austin, Tex.-----	17	27	495	420
Philadelphia, Pa.-----	506	516	8,199	8,063	Baton Rouge, La.-----	25	21	358	355
Pittsburgh, Pa.-----	203	177	3,158	2,934	Corpus Christi, Tex.-----	14	12	299	297
Reading, Pa.-----	(30)	(29)	(371)	(370)	Dallas, Tex.-----	120	88	1,697	1,572
Rochester, N. Y.-----	87	86	1,605	1,549	El Paso, Tex.-----	29	21	451	461
Schenectady, N. Y.-----	26	18	378	371	Fort Worth, Tex.-----	47	56	965	899
Scranton, Pa.-----	(30)	(50)	(562)	(575)	Houston, Tex.-----	130	152	2,187	2,097
Syracuse, N. Y.-----	55	60	990	909	Little Rock, Ark.-----	48	37	772	692
Trenton, N. J.-----	46	53	754	797	New Orleans, La.-----	183	154	2,779	2,500
Utica, N. Y.-----	33	41	527	485	Oklahoma City, Okla.-----	79	53	1,047	930
Yonkers, N. Y.-----	33	31	536	484	San Antonio, Tex.-----	71	84	1,421	1,444
					Shreveport, La.-----	53	42	752	686
					Tulsa, Okla.-----	58	32	754	726
EAST NORTH CENTRAL					MOUNTAIN				
Akron, Ohio-----	67	61	882	886	Albuquerque, N. Mex.-----	16	29	385	419
Canton, Ohio-----	44	32	461	424	Colorado Springs, Colo.-----	11	15	228	225
Chicago, Ill.-----	691	759	12,409	11,789	Denver, Colo.-----	97	109	1,798	1,857
Cincinnati, Ohio-----	148	142	2,624	2,505	Ogden, Utah-----	15	9	204	166
Cleveland, Ohio-----	205	244	3,436	3,270	Phoenix, Ariz.-----	22	30	448	402
Columbus, Ohio-----	109	113	1,833	1,765	Pueblo, Colo.-----	12	16	208	217
Dayton, Ohio-----	66	67	1,105	1,068	Salt Lake City, Utah-----	56	59	762	681
Detroit, Mich.-----	290	318	5,347	5,364	Tucson, Ariz.-----	3	8	91	76
Evansville, Ind.-----	37	35	579	504	PACIFIC				
Flint, Mich.-----	36	43	610	585	Berkeley, Calif.-----	13	13	301	286
Fort Wayne, Ind.-----	36	36	600	538	Long Beach, Calif.-----	57	58	864	828
Gary, Ind.-----	(33)	(29)	(468)	(439)	Los Angeles, Calif.-----	483	477	8,131	7,632
Grand Rapids, Mich.-----	34	42	690	674	Oakland, Calif.-----	115	115	1,566	1,489
Indianapolis, Ind.-----	127	135	1,945	1,820	Pasadena, Calif.-----	32	30	609	566
Indianapolis, Ind.-----	121	122	2,026	1,975	Portland, Oreg.-----	87	99	1,590	1,520
Milwaukee, Wis.-----	26	24	440	464	Sacramento, Calif.-----	45	54	816	813
Peoria, Ill.-----	23	29	396	406	San Diego, Calif.-----	71	82	1,213	1,301
South Bend, Ind.-----	90	91	1,587	1,584	San Francisco, Calif.-----	198	205	3,314	3,193
Toledo, Ohio-----	49	50	906	846	Seattle, Wash.-----	117	139	2,059	2,163
Youngstown, Ohio-----					Spokane, Wash.-----	56	52	757	706
					Tacoma, Wash.-----	36	39	598	635
WEST NORTH CENTRAL					HONOLULU, HAWAII				
Des Moines, Iowa-----	58	40	834	796		(38)	(33)	(570)	(587)
Duluth, Minn.-----	39	23	417	414					
Kansas City, Kans.-----	---	(25)	---	(577)					
Kansas City, Mo.-----	109	109	1,762	1,799					
Minneapolis, Minn.-----	127	123	2,017	1,894					
Omaha, Nebr.-----	66	65	1,074	995					

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

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