

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

July 9, 1956

Washington 25, D. C.

Vol. 5, No. 26

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 30, 1956

The communicable disease picture for the first half of 1956 is favorable in some respects and less so in others. A substantial decrease has occurred in the incidence of poliomyelitis. Reported cases for the first 6 months numbered 2,656 compared with 3,706 for the same period in 1955. 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-----	258	333	1,589	2,643	2,656	3,706
Paralytic-----	134	125	816	1,018	1,399	1,482
Nonparalytic-----	84	116	526	914	811	1,204
Unspecified-----	40	92	247	711	446	1,020

Other diseases showing decreases in incidence during this period over that of last year are: brucellosis, from 606 cases to 506; meningococcal infections, from 2,161 to 1,671; malaria, from 163 to 98; and endemic typhus fever, from 55 to 45. Rabies in animals also showed a reduction in reported cases—from 3,021 cases during the first half of 1955 to 2,823 for 1956 through June.

Increases were noted in 2 diseases of major health importance, namely, diphtheria and typhoid fever. The incidence of diphtheria began increasing during the latter half of 1955 and continued through the first 4 months of 1956. Since the first of the year 825 cases have been reported compared with 709 for the same period of 1955. The incidence of typhoid fever began increasing early this year and large numbers of cases are still being reported. To date 846 cases have been reported compared with 696 for the first 6 months of 1955. Psittacosis cases most of which result from contact with psittacine birds have been on the increase in recent years. During the first 26 weeks of 1956, a total of 263 cases was reported compared with 163 in 1955 and 362 in 1954. Of those reported in 1954, 199 were from contact with poultry. The number of encephalitis cases (770) is greater than that (681) for the first half of 1955. There have been no reports of arthropod-borne infections to date this year. Only a few such infections ever occur before the first of July. Other diseases showing increases are: anthrax, 28 cases as compared with 17; and measles, 543,714 as compared with 492,510 last year.

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Presumptive cowpox

The California Department of Public Health, after investigating a possible case of smallpox, has ruled the illness was not smallpox and the presumptive diagnosis was cowpox. The patient became ill with slight fever, and later lesions appeared on neck, behind ear, scattered on arm and upper chest. The lesions varied in size and some were umbilicated. No agent

was isolated from lesion scrapings. The investigation revealed that the family cow had cowpox earlier in the year.

Psittacosis

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, has reported a case of psittacosis in a 40-year-old woman. The diagnosis was confirmed by the complement fixation test on blood specimens collected from the patient. The patient had purchased a parakeet from a local store. This bird became ill about 2 weeks after purchase and died in a few days. It was destroyed and was not available for laboratory tests. To date there have been no reports of any other cases of psittacosis among other customers who bought birds from the same store.

Trichiniasis

Dr. E. J. Witte has reported a case of trichiniasis in a woman living in Philadelphia. The patient became ill with fever, vomiting, and diarrhea. Three weeks after onset she was admitted to a hospital because of severe pain in muscles of the arms and legs and generalized weakness. A biopsy of the deltoid muscle was positive for *Trichinella spiralis*. She had eosinophilia. The patient admitted eating, sometime prior to her illness, raw or insufficiently cooked hamburger which contained pork.

Salmonellosis

Dr. W. R. Giedt, Washington State Department of Health, has reported an outbreak of salmonellosis due to *Salmonella typhimurium*. A total of 135 cases have been reported: of these 60 were laboratory confirmed. The original source of the outbreak appeared to be centered in one or more eating establishments where hamburgers and milk shakes were sold. Subsequent to possible infection in one of these establishments, one of the patients worked during the acute phase of her illness at a machine filling sandwich-type cookies with cream filling. Considerable manual contact with the cookies and occasional contact with bulk filling apparently occurred. An estimated 100,000 pounds of these cookies have been distributed widely throughout the State and Oregon, Idaho, California, Utah, and Alaska. As yet there is no confirmed evidence of contamination of these cookies.

The Illinois Department of Public Health has reported an outbreak of salmonellosis following a turkey dinner. Approximately a third of some 250 persons who attended the dinner became ill from 24 to 48 hours after the meal. The turkeys had been cooked in private homes. The home in which the turkeys were sliced was in poor sanitary condition and mouse infestation was evident. No food was available for laboratory examination, but 9 stool specimens were collected. Of these, 8 were positive for at least one of the following: *Salmonella muenschen*, *S. infantis*, *S. thompsoni*, and *S. montevideo*. One specimen contained 3 of the 4 *Salmonella* species recovered.

Gastro-enteritis

The California Department of Public Health has reported an outbreak of gastro-enteritis among 38 persons who ate turkey salad in a restaurant. Of these, 9 became ill with vomiting, diarrhea, and general malaise from 1 to 3 hours later. Bacte-

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riological examination of the salad revealed hemolytic staphylococci. The turkey had been left unrefrigerated for a considerable length of time between the time it was cooked and the time it was prepared as a salad.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis among persons who attended a wedding party. Approximately 150 guests were served various foods including chicken salad. Of these, 26 persons became ill within 4 hours after eating the food. Bacteriological examination of food samples collected revealed Staphylococcus aureus in the chicken salad. The person who prepared the salad cooked the chicken on Friday and prepared

the salad on Saturday. Neither the chicken nor the salad was refrigerated before the salad was served on Sunday evening between 8 and 10 p.m.

Dr. E. A. Belden, Missouri Department of Public Health and Welfare, has reported an outbreak of gastro-enteritis following a family picnic. Thirteen of 14 who attended the picnic became ill from 11 to 28 hours later. The one not ill did not eat ice cream and the one who ate only ice cream became ill. The ice cream was made with pasteurized milk, eggs, and flavoring. No laboratory examinations were made and neither the vehicle nor the source of infection was found.

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	26th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 30, 1956	Ended July 2, 1955	Median 1951-55	First 26 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	28	17	19	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	1	5	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	23	22	---	506	606	---	---	---	---	---
Diphtheria-----055	20	15	20	825	709	1,052	2,155	1,926	2,701	July 1
Encephalitis, infectious-----082	35	29	29	770	681	624	141	121	89	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	² 322	411	---	11,653	19,917	---	---	---	---	---
Malaria-----110-117	6	11	---	98	163	---	(1)	(1)	(1)	(1)
Measles-----085	13,332	9,139	9,792	543,714	492,510	492,510	572,812	546,979	546,979	Sept. 1
Meningococcal infections-----057	39	56	56	1,671	2,161	2,610	2,594	3,210	3,879	Sept. 1
Meningitis, other-----340	29	---	---	748	---	---	---	---	---	---
Poliomyelitis-----080	258	333	562	2,656	3,706	3,706	1,589	2,643	2,643	Apr. 1
Pittacosis-----096.2	24	3	---	263	163	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	3	3	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	35	30	55	846	696	861	533	389	455	Apr. 1
Typhus fever, endemic-----101	2	1	---	45	55	---	(1)	(1)	(1)	(1)
Rabies in animals-----	64	64	114	2,823	3,021	4,033	3,850	4,374	5,577	Oct. 1

¹Frequencies are too small.²Includes 44 delayed cases from Pennsylvania.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

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

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

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 2, 1955 AND JUNE 30, 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		26th week		Cumulative first 26 weeks		082		26th week		Cumulative first 26 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	23	22	20	15	825	709	35	29	322	411	11,653	19,917
NEW ENGLAND-----	1	-	-	-	8	17	-	-	17	28	765	1,851
Maine-----	-	-	-	-	-	-	-	-	5	7	181	200
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	25	61
Vermont-----	-	-	-	-	-	1	-	-	-	-	96	141
Massachusetts-----	1	-	-	-	7	16	-	-	6	13	183	670
Rhode Island-----	-	-	-	-	-	-	-	-	1	2	100	266
Connecticut-----	-	-	-	-	-	-	-	-	5	6	180	513
MIDDLE ATLANTIC-----	-	-	3	-	38	34	14	10	100	89	2,507	5,046
New York-----	-	-	1	-	14	20	11	9	37	59	1,266	2,797
New Jersey-----	-	-	-	-	11	5	3	1	2	3	217	315
Pennsylvania-----	-	-	1	-	13	9	-	-	61	27	1,024	1,934
EAST NORTH CENTRAL-----	6	3	2	-	164	93	4	11	29	65	1,817	2,922
Ohio-----	-	-	-	-	13	26	-	1	11	10	438	496
Indiana-----	-	-	-	-	83	31	-	7	2	3	278	419
Illinois-----	5	-	-	-	4	4	1	1	7	21	433	727
Michigan-----	1	3	1	-	62	30	2	2	5	26	473	836
Wisconsin-----	-	-	1	-	2	2	1	-	4	5	195	444
WEST NORTH CENTRAL-----	7	10	3	-	84	83	2	1	15	33	998	2,531
Minnesota-----	1	2	-	-	25	28	-	-	3	19	294	896
Iowa-----	3	4	-	-	17	5	-	-	10	3	269	764
Missouri-----	3	1	-	-	9	8	-	-	1	3	54	280
North Dakota-----	-	2	-	-	-	-	-	1	1	-	79	146
South Dakota-----	-	1	2	-	5	31	-	-	-	4	124	245
Nebraska-----	-	-	-	-	25	10	-	-	-	-	82	60
Kansas-----	-	-	1	-	3	1	2	-	-	4	96	100
SOUTH ATLANTIC-----	7	3	2	4	161	182	5	-	27	34	716	1,732
Delaware-----	-	-	-	-	-	-	-	-	1	2	23	35
Maryland-----	-	-	-	-	-	9	1	-	7	3	66	234
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	11	35
Virginia-----	2	2	-	-	21	13	1	-	4	8	290	745
West Virginia-----	-	1	-	-	5	11	-	-	-	11	29	194
North Carolina-----	-	-	-	3	22	30	-	-	5	8	66	212
South Carolina-----	1	-	-	-	36	35	2	-	4	1	44	42
Georgia-----	4	-	2	-	30	56	-	-	3	-	95	100
Florida-----	-	-	-	1	46	26	1	-	3	1	92	135
EAST SOUTH CENTRAL-----	1	3	3	3	110	111	1	1	31	19	1,007	1,013
Kentucky-----	-	1	-	-	7	36	-	-	13	3	309	169
Tennessee-----	1	-	-	-	19	19	1	1	5	6	460	410
Alabama-----	-	1	1	2	53	36	-	-	6	1	101	183
Mississippi-----	-	1	2	1	31	20	-	-	7	9	137	251
WEST SOUTH CENTRAL-----	1	2	2	8	205	149	-	1	26	28	864	1,024
Arkansas-----	1	1	-	-	17	7	-	-	5	3	85	154
Louisiana-----	-	-	-	-	21	18	-	-	8	4	79	78
Oklahoma-----	-	-	2	1	54	18	-	-	2	2	59	106
Texas-----	-	1	-	7	113	106	-	1	11	19	641	686
MOUNTAIN-----	-	-	1	-	17	11	-	1	7	44	1,065	1,508
Montana-----	-	-	-	-	-	3	-	-	2	11	280	201
Idaho-----	-	-	-	-	1	-	-	-	1	3	144	169
Wyoming-----	-	-	-	-	3	-	-	-	-	3	62	60
Colorado-----	-	-	-	-	3	-	-	-	1	7	236	293
New Mexico-----	-	-	-	-	2	1	-	-	1	17	97	272
Arizona-----	-	-	-	-	5	4	-	1	2	3	214	450
Utah-----	-	-	1	-	3	1	-	-	-	-	50	43
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	-	1	4	-	38	29	9	4	70	71	1,894	2,290
Washington-----	-	-	-	-	5	13	-	-	13	9	405	512
Oregon-----	-	-	-	-	8	-	-	-	14	19	372	636
California-----	-	1	4	-	25	16	9	4	43	43	1,117	1,142
Alaska-----	-	-	-	-	-	-	-	-	-	1	58	175
Hawaii-----	-	1	-	-	-	-	-	-	-	-	27	27
Puerto Rico-----	-	-	5	-	40	51	-	-	6	2	131	43

¹Includes 44 delayed cases.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 2, 1955 AND JUNE 30, 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 ²				Paralytic		Nonparalytic		110-117		085	
	26th week		Cumulative first 26 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	258	333	2,656	3,706	134	125	84	116	6	11	13,332	9,139
NEW ENGLAND-----	-	6	58	56	-	1	-	3	-	-	163	714
Maine-----	-	-	10	6	-	-	-	-	-	-	7	70
New Hampshire-----	-	-	2	3	-	-	-	-	-	-	1	2
Vermont-----	-	-	9	13	-	-	-	-	-	-	32	209
Massachusetts-----	-	1	26	19	-	-	-	-	-	-	72	263
Rhode Island-----	-	-	2	4	-	-	-	-	-	-	6	22
Connecticut-----	-	5	9	11	-	1	-	3	-	-	45	143
MIDDLE ATLANTIC-----	20	40	160	393	11	17	4	5	-	-	4,577	2,250
New York-----	13	25	110	241	7	17	2	5	-	-	3,273	1,227
New Jersey-----	8	5	20	50	4	-	2	-	-	-	582	632
Pennsylvania-----	1	10	30	108	-	-	-	-	-	-	722	391
EAST NORTH CENTRAL-----	40	53	262	434	13	13	16	14	-	1	3,071	2,429
Ohio-----	2	22	39	120	-	1	-	5	-	-	820	319
Indiana-----	2	3	17	34	-	-	-	1	-	-	27	53
Illinois-----	21	10	96	115	10	4	7	3	-	1	648	460
Michigan-----	10	9	65	103	2	3	6	3	-	-	867	327
Wisconsin-----	5	9	47	55	1	5	3	2	-	-	709	1,250
WEST NORTH CENTRAL-----	19	24	137	263	11	6	5	14	-	1	604	565
Minnesota-----	2	2	22	49	1	2	1	1	-	-	25	14
Iowa-----	1	10	35	62	-	1	1	9	-	-	584	348
Missouri-----	8	4	39	34	4	1	2	3	-	-	36	96
North Dakota-----	1	3	4	11	-	2	1	-	-	-	103	58
South Dakota-----	1	-	10	25	-	-	-	-	-	-	11	6
Nebraska-----	2	3	13	36	2	-	-	1	-	-	28	8
Kansas-----	4	2	14	46	4	-	-	1	-	1	17	35
SOUTH ATLANTIC-----	33	45	253	562	12	16	16	24	1	-	1,342	222
Delaware-----	-	1	3	21	-	-	-	1	-	-	32	2
Maryland-----	2	3	13	33	2	1	-	2	-	-	73	25
District of Columbia-----	1	1	1	5	-	1	1	-	-	-	6	6
Virginia-----	6	8	22	46	4	2	2	6	1	-	308	40
West Virginia-----	-	3	13	29	-	1	-	2	-	-	78	79
North Carolina-----	2	8	40	61	1	6	-	2	-	-	201	23
South Carolina-----	2	6	22	41	-	1	2	3	-	-	284	21
Georgia-----	3	5	22	74	-	3	3	2	-	-	191	9
Florida-----	17	10	117	252	5	1	8	6	-	-	169	17
EAST SOUTH CENTRAL-----	11	23	120	228	1	5	3	4	-	-	1,143	208
Kentucky-----	-	3	36	67	-	1	-	2	-	-	346	25
Tennessee-----	2	3	22	35	-	1	1	-	-	-	556	49
Alabama-----	2	8	10	51	-	-	-	-	-	-	206	91
Mississippi-----	7	9	52	75	1	3	2	2	-	-	35	43
WEST SOUTH CENTRAL-----	70	69	717	765	46	32	20	29	2	6	1,141	626
Arkansas-----	2	5	18	47	1	2	1	3	-	2	58	38
Louisiana-----	20	17	151	140	16	9	4	9	1	-	284	1
Oklahoma-----	7	4	43	43	1	1	2	1	1	1	108	66
Texas-----	41	43	505	535	28	20	13	17	-	3	691	521
MOUNTAIN-----	14	41	140	317	8	13	2	9	-	-	451	710
Montana-----	3	2	10	20	3	1	-	1	-	-	99	206
Idaho-----	1	8	19	103	1	6	-	-	-	-	58	19
Wyoming-----	2	1	6	11	1	1	1	-	-	-	8	8
Colorado-----	5	6	17	56	3	4	1	2	-	-	95	215
New Mexico-----	1	10	13	24	-	6	-	2	-	-	91	39
Arizona-----	-	6	50	33	-	2	-	4	-	-	55	140
Utah-----	2	2	13	30	-	-	-	-	-	-	50	13
Nevada-----	-	6	12	40	-	-	-	-	-	-	3	10
PACIFIC-----	51	32	809	682	32	16	18	14	3	3	840	1,415
Washington-----	1	4	33	59	-	2	-	-	1	1	171	240
Oregon-----	-	3	49	67	-	1	-	2	-	-	59	113
California-----	50	25	727	556	32	13	18	12	2	2	610	1,062
Alaska-----	-	-	6	9	-	-	-	-	-	-	213	33
Hawaii-----	-	1	49	22	-	-	-	1	-	1	94	78
Puerto Rico-----	3	9	28	413	3	9	-	-	-	-	32	38

²Includes cases not specified by type, category number 080.3.³Includes delayed cases with onset late in 1954.

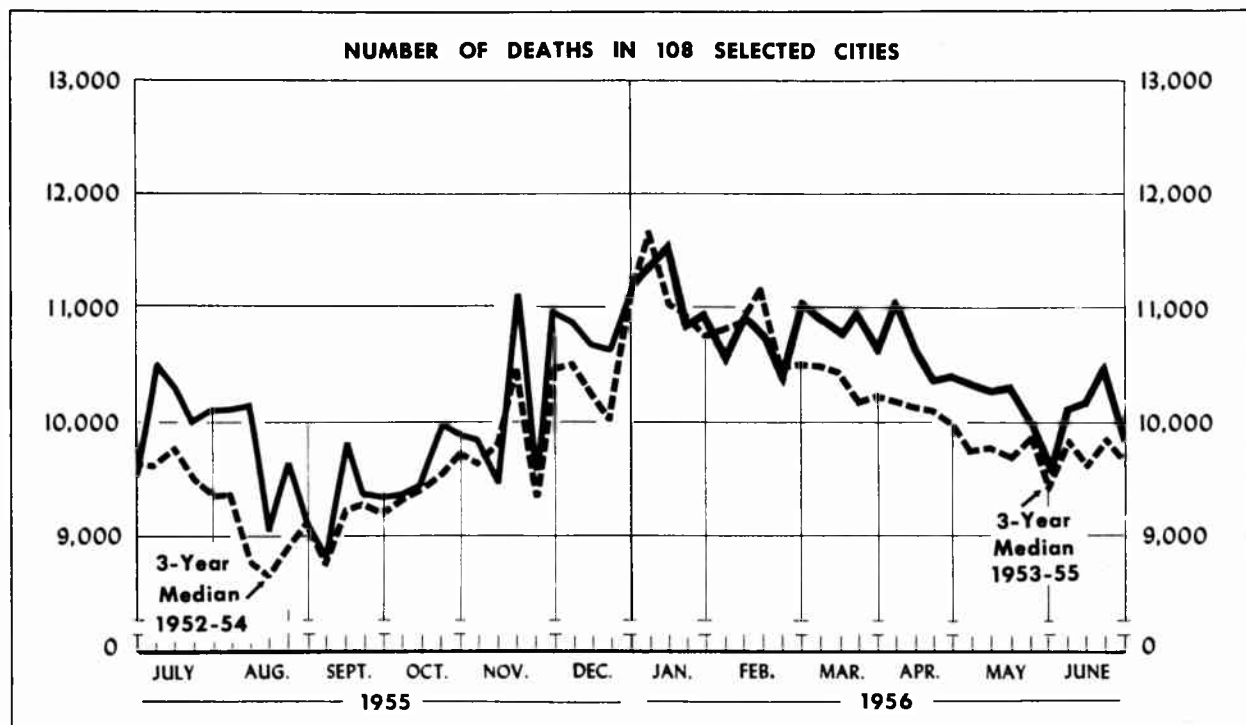
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 2, 1955 AND JUNE 30, 1956—Continued

(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		26th week		Cumulative first 26 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	39	56	29	24	3	35	30	846	696	2	64	64
NEW ENGLAND-----	1	2	6	-	-	1	-	32	16	-	-	-
Maine-----	-	-	1	-	-	-	-	10	3	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	1	-	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	-	1	4	-	-	-	-	11	8	-	-	-
Rhode Island-----	-	-	1	-	-	1	-	3	1	-	-	-
Connecticut-----	-	1	-	-	-	-	-	7	4	-	-	-
MIDDLE ATLANTIC-----	6	8	-	2	1	5	-	118	78	-	3	5
New York-----	3	2	-	1	1	3	-	33	13	-	1	4
New Jersey-----	1	1	-	-	-	2	-	12	9	-	-	-
Pennsylvania-----	2	5	-	1	-	-	-	73	56	-	2	1
EAST NORTH CENTRAL-----	8	12	3	-	1	3	5	128	69	-	16	9
Ohio-----	5	2	-	-	1	1	2	27	29	-	9	5
Indiana-----	-	-	-	-	-	-	1	13	5	-	2	1
Illinois-----	1	2	3	-	-	1	2	17	18	-	4	-
Michigan-----	2	5	-	-	-	-	-	31	13	-	-	2
Wisconsin-----	-	3	-	-	-	1	-	40	4	-	1	1
WEST NORTH CENTRAL-----	1	4	-	1	1	2	1	119	43	-	6	8
Minnesota-----	-	-	-	1	-	-	-	31	4	-	5	3
Iowa-----	1	-	-	-	1	1	-	47	12	-	-	2
Missouri-----	-	1	-	-	-	-	-	22	17	-	-	3
North Dakota-----	-	1	-	-	-	-	-	5	-	-	-	-
South Dakota-----	-	1	-	-	-	-	1	2	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	7	4	-	1	-
Kansas-----	-	1	-	-	-	1	-	5	2	-	-	-
SOUTH ATLANTIC-----	8	11	7	2	-	6	7	134	139	1	16	17
Delaware-----	-	-	-	-	-	-	-	1	-	-	2	-
Maryland-----	1	2	1	1	-	1	-	9	4	-	-	-
District of Columbia-----	-	1	-	-	-	-	-	10	3	-	-	-
Virginia-----	-	1	1	-	-	1	2	21	21	-	3	4
West Virginia-----	1	-	-	-	-	-	-	13	15	-	-	3
North Carolina-----	3	1	-	1	-	1	2	18	14	-	2	6
South Carolina-----	-	1	1	-	-	-	2	13	19	-	5	2
Georgia-----	2	5	4	-	-	1	1	29	28	-	1	2
Florida-----	1	-	-	-	-	2	-	20	35	1	3	-
EAST SOUTH CENTRAL-----	2	6	4	-	-	6	4	90	90	-	10	8
Kentucky-----	1	1	-	-	-	1	2	17	48	-	4	3
Tennessee-----	-	1	4	-	-	2	2	44	19	-	1	2
Alabama-----	1	2	-	-	-	-	-	8	17	-	5	1
Mississippi-----	-	2	-	-	-	3	-	21	6	-	-	2
WEST SOUTH CENTRAL-----	6	4	8	-	-	11	8	147	162	1	2	12
Arkansas-----	2	1	-	-	-	4	-	28	32	-	-	2
Louisiana-----	1	-	-	-	-	1	1	28	40	1	2	-
Oklahoma-----	-	-	2	-	-	1	2	20	25	-	-	-
Texas-----	3	3	6	-	-	5	5	71	65	-	-	10
MOUNTAIN-----	1	3	-	1	-	1	5	26	52	-	1	1
Montana-----	-	-	-	1	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	2	2	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	5	-	-	-
Colorado-----	-	-	-	-	-	-	1	7	4	-	-	-
New Mexico-----	-	-	-	-	-	-	1	7	25	-	-	-
Arizona-----	-	2	-	-	-	1	-	5	11	-	1	1
Utah-----	1	-	-	-	-	-	1	1	3	-	-	-
Nevada-----	-	1	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	6	6	1	18	-	-	-	52	47	-	10	4
Washington-----	1	2	-	-	-	-	-	1	1	-	-	-
Oregon-----	1	1	1	16	-	-	-	6	4	-	-	-
California-----	4	3	-	2	-	-	-	45	42	-	10	4
Alaska-----	-	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	1	1	3	-	-	4	-	31	26	-	-	-

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

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

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	26th week ended June 30, 1956	25th week ended June 23, 1956	26th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 26 WEEKS		
					1956	1955	Percent change
TOTAL: 108 REPORTING CITIES-----	9,766	10,419	9,543	+2.3	273,010	264,520	+3.2
New England----- (14 cities)	650	718	606	+7.3	18,326	18,350	-0.1
Middle Atlantic----- (16 cities)	2,790	3,126	2,741	+1.8	79,387	78,195	+1.5
East North Central----- (18 cities)	2,107	2,426	2,069	+1.8	60,401	58,052	+4.0
West North Central----- (9 cities)	743	753	714	+4.1	19,806	18,660	+6.1
South Atlantic----- (8 cities)	711	794	700	+1.6	20,464	19,124	+7.0
East South Central----- (8 cities)	427	454	445	-4.0	12,498	12,222	+2.3
West South Central----- (12 cities)	841	759	792	+6.2	21,462	20,127	+6.6
Mountain----- (8 cities)	244	247	228	+7.0	6,553	6,305	+3.9
Pacific----- (12 cities)	1,253	1,142	1,154	+8.6	34,113	33,485	+1.9

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TABLE 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 30, 1956

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

CITY	26th week ended June 30, 1956	25th week ended June 23, 1956	CUMULATIVE NUMBER FIRST 26 WEEKS		CITY	26th week ended June 30, 1956	25th week ended June 23, 1956	CUMULATIVE NUMBER FIRST 26 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	191	212	6,220	6,297	St. Louis, Mo.-----	223	209	6,294	5,673
Bridgeport, Conn.-----	46	49	968	1,007	St. Paul, Minn.-----	58	86	1,745	1,681
Cambridge, Mass.-----	33	33	818	757	Wichita, Kans.-----	57	38	1,063	985
Fall River, Mass.-----	39	29	769	734	SOUTH ATLANTIC				
Hartford, Conn.-----	49	54	1,277	1,228	Atlanta, Ga.-----	95	109	2,899	2,673
Lowell, Mass.-----	18	10	635	661	Baltimore, Md.-----	212	261	6,128	5,859
Lynn, Mass.-----	18	30	567	599	Charlotte, N. C.-----	36	31	816	758
New Bedford, Mass.-----	24	31	619	651	Jacksonville, Fla.-----	(41)	(41)	(1,355)	(1,247)
New Haven, Conn.-----	46	49	1,260	1,204	Miami, Fla.-----	48	44	1,346	1,368
Providence, R. I.-----	63	74	1,657	1,715	Norfolk, Va.-----	---	(29)	---	(835)
Somerville, Mass.-----	11	22	442	416	Richmond, Va.-----	65	80	1,863	1,671
Springfield, Mass.-----	43	39	1,111	1,083	Savannah, Ga.-----	(36)	(26)	(766)	(739)
Waterbury, Conn.-----	24	24	664	655	Tampa, Fla.-----	48	61	1,583	1,466
Worcester, Mass.-----	45	62	1,319	1,341	Washington, D. C.-----	174	163	4,903	4,380
MIDDLE ATLANTIC					Wilmington, Del.-----	33	45	926	949
Albany, N. Y.-----	51	39	1,300	1,228	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(45)	(42)	(1,024)	(960)	Birmingham, Ala.-----	80	66	2,039	2,013
Buffalo, N. Y.-----	155	108	3,742	3,577	Chattanooga, Tenn.-----	45	33	1,113	1,143
Camden, N. J.-----	---	(43)	---	(965)	Knoxville, Tenn.-----	20	24	909	848
Elizabeth, N. J.-----	17	28	757	714	Louisville, Ky.-----	91	114	2,804	2,776
Erie, Pa.-----	26	39	892	933	Memphis, Tenn.-----	93	100	2,613	2,576
Jersey City, N. J.-----	63	73	1,915	1,867	Mobile, Ala.-----	29	41	870	775
Newark, N. J.-----	115	107	2,621	2,693	Montgomery, Ala.-----	34	21	756	691
New York City, N. Y.-----	1,459	1,751	41,998	41,612	Nashville, Tenn.-----	35	55	1,394	1,400
Paterson, N. J.-----	35	34	970	1,001	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	477	472	12,865	12,658	Austin, Tex.-----	34	24	763	648
Pittsburgh, Pa.-----	154	225	4,896	4,673	Baton Rouge, La.-----	(32)	---	---	(568)
Reading, Pa.-----	---	(21)	---	(601)	Corpus Christi, Tex.-----	19	25	488	462
Rochester, N. Y.-----	75	77	2,460	2,455	Dallas, Tex.-----	109	89	2,730	2,538
Schenectady, N. Y.-----	26	25	611	594	El Paso, Tex.-----	23	35	725	740
Scranton, Pa.-----	(42)	(37)	(950)	(874)	Fort Worth, Tex.-----	65	52	1,524	1,408
Syracuse, N. Y.-----	49	54	1,554	1,436	Houston, Tex.-----	124	125	3,500	3,286
Trenton, N. J.-----	43	48	1,198	1,240	Little Rock, Ark.-----	51	33	1,199	1,156
Utica, N. Y.-----	27	22	793	786	New Orleans, La.-----	153	157	4,265	3,938
Yonkers, N. Y.-----	18	24	815	728	Oklahoma City, Okla.-----	75	62	1,606	1,477
EAST NORTH CENTRAL					San Antonio, Tex.-----	77	83	2,272	2,276
Akron, Ohio-----	44	50	1,389	1,406	Shreveport, La.-----	52	45	1,202	1,049
Canton, Ohio-----	25	29	767	698	Tulsa, Okla.-----	59	29	1,188	1,149
Chicago, Ill.-----	666	813	19,806	18,780	MOUNTAIN				
Cincinnati, Ohio-----	147	139	4,059	3,909	Albuquerque, N. Mex.-----	25	18	600	613
Cleveland, Ohio-----	178	182	5,446	5,129	Colorado Springs, Colo.-----	14	16	345	354
Columbus, Ohio-----	95	95	2,857	2,848	Denver, Colo.-----	118	106	2,916	2,881
Dayton, Ohio-----	75	64	1,760	1,717	Ogden, Utah-----	9	7	323	273
Detroit, Mich.-----	334	363	8,532	8,513	Phoenix, Ariz.-----	23	33	710	640
Evansville, Ind.-----	31	33	900	818	Pueblo, Colo.-----	18	18	321	339
Flint, Mich.-----	40	60	1,044	949	Salt Lake City, Utah-----	32	46	1,196	1,086
Fort Wayne, Ind.-----	31	36	952	886	Tucson, Ariz.-----	5	3	142	119
Gary, Ind.-----	(27)	(37)	(775)	(709)	PACIFIC				
Grand Rapids, Mich.-----	33	56	1,125	1,094	Berkeley, Calif.-----	20	11	458	480
Indianapolis, Ind.-----	119	121	3,125	2,838	Long Beach, Calif.-----	49	60	1,392	1,298
Milwaukee, Wis.-----	101	150	3,271	3,243	Los Angeles, Calif.-----	456	381	12,484	11,951
Peoria, Ill.-----	19	35	718	761	Oakland, Calif.-----	80	75	2,421	2,334
South Bend, Ind.-----	26	31	642	644	Pasadena, Calif.-----	27	24	935	928
Toledo, Ohio-----	90	110	2,520	2,480	Portland, Oreg.-----	74	89	2,513	2,522
Youngstown, Ohio-----	53	59	1,488	1,339	Sacramento, Calif.-----	51	54	1,268	1,309
WEST NORTH CENTRAL					San Diego, Calif.-----	81	59	1,976	1,979
Des Moines, Iowa-----	63	51	1,355	1,277	San Francisco, Calif.-----	187	191	5,074	4,980
Duluth, Minn.-----	23	32	711	665	Seattle, Wash.-----	130	131	3,372	3,475
Kansas City, Kans.-----	34	36	824	938	Spokane, Wash.-----	56	36	1,234	1,204
Kansas City, Mo.-----	116	91	2,887	2,816	Tacoma, Wash.-----	42	31	986	1,025
Minneapolis, Minn.-----	103	138	3,205	3,024	Honolulu, Hawaii-----	(36)	(26)	(931)	(942)
Omaha, Nebr.-----	66	72	1,722	1,601					

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

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