

# 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 September 15, 1956

The number of cases of poliomyelitis reported for the current week is 968 as compared with 855 for the previous week. The 5-year (1951-55) median peak week occurred in the second week in September. In the past 4 years, there have been 2 years with a secondary rise in September.

The percentage of paralytic cases reported this week was 39 as compared with 43 for the disease year.

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-----	968	1,949	9,671	19,084	10,738	20,147
Paralytic-----	377	641	4,136	6,400	4,719	6,864
Nonparalytic-----	416	835	3,855	7,739	4,140	8,029
Unspecified-----	175	473	1,680	4,945	1,879	5,254

### EPIDEMIOLOGICAL REPORTS

#### Coxsackie disease

Dr. Ralph H. Heeren, Iowa State Department of Health, has received a report of the isolation of Coxsackie B-5 virus from 21 patients living in 3 different counties in the State. In July a small outbreak of illness occurred in Polk County. The cases, originally diagnosed as nonparalytic poliomyelitis, were characterized by severe headache, stiffness of the neck and back, joint and muscle aches and pains, pleurodynia, nausea, and vomiting. The period of acute illness varied from 5 to 7 days. Recovery was complete within 10 to 14 days. The Coxsackie B-5 virus was isolated from the stools of 6 of the patients. Later in July, with the aid of several staff members from the Kansas City Field Station, PHS, a detailed study was made in Cerro Gordo County. Medical histories and laboratory specimens were obtained from about 200 persons with an illness similar to that reported in Polk County. To date, Coxsackie B-5 virus has been isolated from the stools of 13 persons. The same virus has been isolated from persons in Dubuque County.

#### Rabies in animals

Dr. Ronald L. Hectorne, Kentucky State Department of Health, has reported the finding of a rabid mouse in the State. A 9-year-old boy was bitten on the thumb by the mouse which was cornered in his home by a puppy. The boy killed the mouse and material taken from it was injected into 3 laboratory mice which died within 2 weeks. Further examination showed that these mice were rabid. Antirabies treatment was started on the boy immediately following the incident, and no ill effects have been reported.

Dr. W. H. Y. Smith, Alabama State Department of Health, states that the first reported case of bat rabies in Alabama has been confirmed by the Virus and Rickettsia Laboratory, PHS, Montgomery, Alabama. The bat had bitten an Air Force officer who was fishing in Montgomery County. The bat was captured and it died approximately 8 hours later. Negri bodies were demonstrated in brain tissue and the officer has completed post exposure antirabies treatment. Virus isolations have been made from brain and salivary gland tissue taken from the bat. The bat is an insectivorous species identified as *Lasiurus seminolus*.

Dr. S. Edward Sulkin, University of Texas, Southwestern Medical School, reports the occurrence of an unusually high incidence of canine rabies in recent months in the Dallas area. This has been a focal point of high incidence for the disease during the past several years. Recently, a fatal human case (an 8-year-old girl) was reported in Dallas.

#### Brucellosis

Dr. Ernest J. Witte, Pennsylvania Department of Health, has reported a case of brucellosis in a 28-year-old man employed by a rendering company. Approximately 2 months ago the patient became ill with stomach pains, nausea, and vomiting. He became weak, was easily exhausted, and had pains in the arms and legs. He developed a fever after a few days and a physician was consulted. Later the patient was hospitalized, and a diagnosis of brucellosis was confirmed by the agglutination test against *Brucella abortus* antigen.

#### Encephalitis

The Massachusetts Department of Public Health has reported 1 additional suspect human case of encephalitis. Three surviving human cases have been confirmed serologically, making 6 confirmed out of the 11 suspected. Eight new cases in horses were reported for the week ended September 15. One additional case in a horse was confirmed, bringing this total to 4. Cool weather in the State has been limiting mosquito activity.

#### Diphtheria

Dr. John Mason, New Mexico Department of Health, reports that 4 cases of diphtheria with 1 death have occurred in Albuquerque over a 5-week period. Five family and neighborhood carriers were located during an investigation. One of the neighborhood carriers had attended a local charity camp during this period, and a child attending the camp became infected by this carrier. The source of this case was discovered by nose and throat cultures of all children attending the camp. Throat cultures from the 4 patients and 5 contacts were positive for *Corynebacterium diphtheriae*, gravis type. All cultures were positive on virulence tests and exhibited a similar antibiotic sensitivity pattern. Of the 4 patients, 2 had never been immunized and 2 had received primary diphtheria toxoid (1 in 1949 and the other in 1952), but no booster inoculations. The last reported case of diphtheria in Albuquerque prior to this outbreak was in March 1951.

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Salmonellosis

Dr. S. N. Mallison, East Central Regional Health Officer, Illinois Department of Public Health, has reported an outbreak of salmonellosis following the ingestion of home-made ice cream. Nine persons became ill with chills, fever, vomiting, diarrhea, and cramps from 7 to 12 hours after eating ice cream. The ingredients of the ice cream were fresh peaches, cream from dairies, eggs, and sugar. Stool specimens from 2 patients revealed the presence of *Salmonella typhimurium*. The same organism was found in the ice cream. It is possible that some of the ingredients used in the making of the ice cream were contaminated, but this was not proven. The source of infection has not yet been found.

Gastro-enteritis

The Los Angeles County Health Department has reported an outbreak of gastro-enteritis following a wedding reception. Of approximately 400 who attended the reception, 24 became ill with nausea, vomiting, diarrhea, and abdominal cramps from 2½ to 17 hours later. All food served was prepared 2 days earlier and stored in the home refrigerators of various neighbors. There is a possibility that much of the food remained at incubating temperatures for many hours. Bacteriologic examination of ham and turkey dressing revealed many cream colored colonies resembling staphylococcus, coagulase positive, but no hemolysis on blood agar.

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	37th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 15, 1956	Ended Sept. 17, 1955	Median 1951-55	First 37 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	1	2	-	32	22	23	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	5	6	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	21	25	---	756	929	---	---	---	---	---
Diphtheria-----055	15	44	47	988	1,042	1,438	162	333	386	July 1
Encephalitis, infectious-----082	65	42	42	1,331	1,073	1,073	702	513	513	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	300	517	---	14,610	24,796	---	---	---	---	---
Malaria-----110-117	8	11	---	169	343	---	(2)	(2)	(2)	(2)
Measles-----085	874	693	763	578,317	519,702	519,702	1,623	1,303	1,491	Sept. 1
Meningococcal infections-----057	37	36	51	2,028	2,645	3,155	63	74	96	Sept. 1
Meningitis, other-----340	46	---	---	1,103	---	---	---	---	---	---
Poliomyelitis-----080	968	1,949	2,155	10,738	20,147	23,998	9,671	19,084	22,445	Apr. 1
Psittacosis-----096.2	15	1	---	392	200	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	6	4	8	(2)	(2)	(2)	(2)
Smallpox-----084	-	-	-	-	-	5	(2)	(2)	(2)	(2)
Typhoid fever-----040	47	56	71	1,342	1,238	1,623	1,029	931	1,217	Apr. 1
Typhus fever, endemic-----101	2	1	---	78	101	---	(2)	(2)	(2)	(2)
Rabies in animals-----	64	71	119	3,587	3,865	5,220	4,614	5,218	6,967	Oct. 1

<sup>1</sup>Reported in Oregon.<sup>2</sup>Frequencies are too small.

## SOURCE AND NATURE OF MORBIDITY DATA

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

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

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

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1955 AND SEPTEMBER 15, 1956

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		37th week		Cumulative first 37 weeks		082		37th week		Cumulative first 37 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	21	25	15	44	988	1,042	65	42	300	517	14,610	24,796
NEW ENGLAND-----	-	1	-	-	11	20	-	1	20	44	950	2,215
Maine-----	-	-	-	-	-	-	-	-	4	12	230	263
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	28	65
Vermont-----	-	1	-	-	-	2	-	-	-	15	116	183
Massachusetts-----	-	-	-	-	10	18	-	1	13	9	244	772
Rhode Island-----	-	-	-	-	-	-	-	-	1	1	119	310
Connecticut-----	-	-	-	-	-	-	-	-	2	7	213	622
MIDDLE ATLANTIC-----	-	1	1	1	50	41	10	7	61	140	3,136	6,211
New York-----	-	-	-	1	18	24	10	6	39	86	1,634	3,418
New Jersey-----	-	-	1	-	14	6	-	1	8	9	289	391
Pennsylvania-----	-	1	-	-	18	11	-	-	14	45	1,213	2,402
EAST NORTH CENTRAL-----	4	2	-	-	174	104	7	16	41	80	2,185	3,565
Ohio-----	-	-	-	-	14	28	5	2	11	18	550	609
Indiana-----	-	-	-	-	84	34	-	14	8	5	311	509
Illinois-----	2	2	-	-	8	4	1	-	8	35	498	886
Michigan-----	2	-	-	-	66	35	1	-	8	16	578	1,032
Wisconsin-----	-	-	-	-	2	3	-	-	6	6	248	529
WEST NORTH CENTRAL-----	6	8	1	3	94	106	9	5	30	57	1,243	3,060
Minnesota-----	1	1	-	2	25	40	-	-	18	23	396	1,083
Iowa-----	2	4	-	-	17	5	-	-	2	6	322	860
Missouri-----	1	1	1	-	11	9	-	1	4	5	73	311
North Dakota-----	-	-	-	-	5	-	2	1	4	5	100	241
South Dakota-----	-	2	-	-	7	38	-	2	1	8	155	301
Nebraska-----	-	-	-	1	26	12	2	1	-	-	90	74
Kansas-----	2	-	-	-	3	2	5	-	1	10	107	190
SOUTH ATLANTIC-----	5	1	7	18	222	331	1	1	31	33	933	2,156
Delaware-----	-	-	-	-	-	1	-	-	2	-	30	43
Maryland-----	-	-	-	-	1	11	-	-	-	4	75	298
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	18	38
Virginia-----	2	-	-	1	23	18	-	-	14	8	363	898
West Virginia-----	-	-	-	-	5	15	-	-	-	3	52	221
North Carolina-----	-	-	-	4	31	45	-	-	10	4	100	273
South Carolina-----	-	-	1	5	49	105	1	-	-	2	54	58
Georgia-----	3	-	4	5	55	92	-	-	3	1	121	131
Florida-----	-	1	2	3	57	42	-	1	2	11	120	196
EAST SOUTH CENTRAL-----	2	2	4	17	129	195	6	-	22	26	1,275	1,291
Kentucky-----	1	-	-	1	10	40	3	-	6	5	393	228
Tennessee-----	1	1	-	2	20	26	1	-	11	7	540	505
Alabama-----	-	-	2	13	61	105	-	-	2	4	159	246
Mississippi-----	-	1	2	1	38	24	2	-	3	10	183	312
WEST SOUTH CENTRAL-----	3	6	2	4	236	195	20	3	14	29	1,072	1,407
Arkansas-----	1	1	1	-	19	9	-	-	1	-	97	188
Louisiana-----	-	-	-	-	26	27	-	-	-	1	111	104
Oklahoma-----	1	2	-	1	57	23	-	-	-	7	83	144
Texas-----	1	3	1	3	134	136	20	3	13	21	781	971
MOUNTAIN-----	-	1	-	-	24	15	6	5	23	43	1,290	1,877
Montana-----	-	-	-	-	3	3	-	1	5	7	322	278
Idaho-----	-	1	-	-	1	-	4	-	6	7	168	213
Wyoming-----	-	-	-	-	4	-	-	2	3	5	72	86
Colorado-----	-	-	-	-	3	-	-	2	4	16	293	389
New Mexico-----	-	-	-	-	5	3	-	-	-	1	109	303
Arizona-----	-	-	-	-	5	6	1	-	4	6	257	534
Utah-----	-	-	-	-	3	1	-	-	1	1	65	54
Nevada-----	-	-	-	-	-	2	1	-	-	-	4	20
PACIFIC-----	1	3	-	1	48	35	6	4	58	65	2,526	3,014
Washington-----	-	1	-	1	9	18	-	-	15	11	527	660
Oregon-----	-	1	-	-	11	-	1	-	7	19	494	850
California-----	1	1	-	-	28	17	5	4	36	35	1,505	1,504
Alaska-----	-	-	-	-	35	-	-	-	1	31	68	262
Hawaii-----	-	-	-	-	-	-	-	-	-	1	34	34
Puerto Rico-----	-	-	-	1	50	58	-	-	8	1	192	48

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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 SEPTEMBER 17, 1955 AND SEPTEMBER 15, 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 <sup>1</sup>				Paralytic		Nonparalytic		110-117		085	
	37th week		Cumulative first 37 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	968	1,949	10,738	20,147	377	641	416	835	8	11	874	693
NEW ENGLAND-----	18	373	195	3,926	7	129	9	160	-	-	21	29
Maine-----	1	12	19	122	1	3	-	9	-	-	4	-
New Hampshire-----	-	10	3	184	-	-	-	-	-	-	-	-
Vermont-----	-	6	17	88	-	2	-	4	-	-	4	5
Massachusetts-----	6	276	87	2,851	1	110	4	119	-	-	7	24
Rhode Island-----	1	21	9	226	-	3	-	-	-	-	4	-
Connecticut-----	10	48	60	455	5	11	5	28	-	-	2	-
MIDDLE ATLANTIC-----	97	349	738	2,780	39	90	37	149	1	-	178	85
New York-----	64	251	486	1,810	23	73	31	130	-	-	134	52
New Jersey-----	23	45	147	436	16	17	6	19	1	-	21	11
Pennsylvania-----	10	53	105	534	-	-	-	-	-	-	23	22
EAST NORTH CENTRAL-----	310	546	2,964	4,697	121	151	117	218	-	-	126	106
Ohio-----	55	126	395	889	15	23	17	26	-	-	16	27
Indiana-----	27	32	247	281	11	8	6	17	-	-	10	6
Illinois-----	107	112	1,549	977	50	50	39	43	-	-	5	18
Michigan-----	71	77	439	892	34	14	32	54	-	-	44	32
Wisconsin-----	50	199	334	1,658	11	56	23	78	-	-	51	23
WEST NORTH CENTRAL-----	171	143	1,190	1,615	31	42	111	78	-	-	28	53
Minnesota-----	23	38	143	450	8	17	15	21	-	-	4	3
Iowa-----	59	26	467	454	3	6	50	19	-	-	11	9
Missouri-----	54	34	299	186	12	9	26	18	-	-	2	1
North Dakota-----	-	3	14	48	-	1	-	1	-	-	10	6
South Dakota-----	3	1	27	59	-	-	-	1	-	-	1	12
Nebraska-----	11	20	100	213	2	6	9	13	-	-	-	2
Kansas-----	21	21	140	205	6	3	11	5	-	-	-	20
SOUTH ATLANTIC-----	89	115	1,005	1,751	44	38	36	59	4	1	39	46
Delaware-----	4	-	17	50	1	-	3	-	-	-	-	1
Maryland-----	1	15	42	172	1	5	-	10	-	-	2	4
District of Columbia-----	1	6	7	37	1	1	-	5	-	-	-	-
Virginia-----	17	16	158	246	13	6	4	10	-	-	9	4
West Virginia-----	8	11	76	124	3	4	4	6	-	-	8	18
North Carolina-----	27	23	220	331	18	3	9	16	-	-	3	6
South Carolina-----	6	10	82	221	1	5	4	2	-	1	7	1
Georgia-----	8	21	152	183	2	7	4	8	2	-	2	1
Florida-----	17	13	251	387	4	7	8	2	2	-	8	11
EAST SOUTH CENTRAL-----	30	64	465	792	12	25	6	32	-	1	133	13
Kentucky-----	4	33	130	330	-	16	-	14	-	1	50	2
Tennessee-----	5	19	93	173	2	7	3	10	-	-	73	3
Alabama-----	3	3	54	135	-	1	-	2	-	-	8	3
Mississippi-----	18	9	188	154	10	1	3	6	-	-	2	5
WEST SOUTH CENTRAL-----	89	98	1,841	2,068	43	36	38	37	1	3	143	82
Arkansas-----	9	6	136	152	5	3	4	3	-	-	4	6
Louisiana-----	24	15	494	273	12	7	12	8	-	-	2	-
Oklahoma-----	14	17	168	221	6	1	-	6	-	-	4	14
Texas-----	42	60	1,043	1,422	20	25	22	20	1	3	133	62
MOUNTAIN-----	45	78	556	780	13	38	14	19	-	2	71	68
Montana-----	1	17	28	83	-	10	1	7	-	-	3	13
Idaho-----	15	14	89	195	4	4	2	1	-	-	-	3
Wyoming-----	-	8	23	31	-	2	-	5	-	-	-	2
Colorado-----	12	18	99	172	4	10	8	5	-	-	15	18
New Mexico-----	7	9	56	98	5	7	2	-	-	-	10	8
Arizona-----	1	7	102	83	-	5	1	1	-	2	5	9
Utah-----	9	2	131	53	-	-	-	-	-	-	38	11
Nevada-----	-	3	28	65	-	-	-	-	-	-	-	4
PACIFIC-----	119	183	1,784	1,738	67	92	48	83	2	4	135	211
Washington-----	14	48	136	254	8	32	2	8	-	1	34	20
Oregon-----	10	20	111	218	4	15	6	5	-	-	12	31
California-----	95	115	1,537	1,266	55	45	40	70	2	3	89	160
Alaska-----	-	4	10	42	-	1	-	3	-	-	19	2
Hawaii-----	-	1	60	64	-	1	-	-	-	-	49	3
Puerto Rico-----	5	-	40	437	5	-	-	-	-	1	71	11

<sup>1</sup>Includes cases not specified by type, category number 080.3.

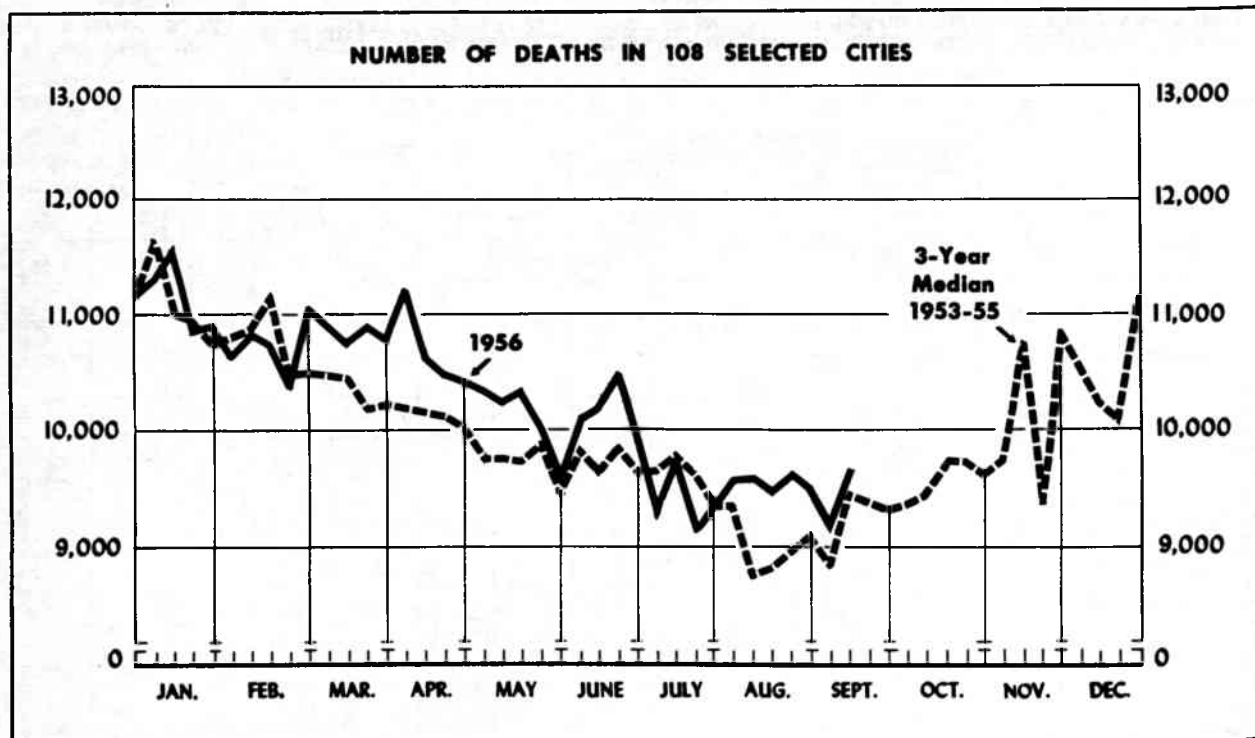
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 17, 1955 AND SEPTEMBER 15, 1956—Continued

(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		37th week		Cumulative first 37 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	37	36	46	15	1	47	56	1,342	1,238	2	64	71
NEW ENGLAND-----	2	3	3	-	-	1	2	42	26	-	-	-
Maine-----	1	-	3	-	-	-	1	12	6	-	-	-
New Hampshire-----	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	-	2	-	-	-	1	-	14	11	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	5	1	-	-	-
Connecticut-----	-	1	-	-	-	-	1	10	7	-	-	-
MIDDLE ATLANTIC-----	4	5	-	-	-	4	6	173	128	-	3	7
New York-----	2	5	-	-	-	1	3	51	25	-	2	7
New Jersey-----	1	-	-	-	-	2	2	24	21	-	-	-
Pennsylvania-----	1	-	-	-	-	1	1	98	82	-	1	-
EAST NORTH CENTRAL-----	3	8	6	1	-	3	5	185	117	-	9	2
Ohio-----	-	5	-	-	-	3	1	44	52	-	3	2
Indiana-----	-	1	3	-	-	-	1	22	14	-	4	-
Illinois-----	1	-	3	1	-	-	3	52	27	-	-	-
Michigan-----	2	2	-	-	-	-	-	45	19	-	2	-
Wisconsin-----	-	-	-	-	-	-	-	42	5	-	-	-
WEST NORTH CENTRAL-----	10	2	2	4	-	6	4	170	68	-	10	8
Minnesota-----	-	1	-	-	-	1	-	35	5	-	1	5
Iowa-----	-	-	2	-	-	-	2	56	19	-	6	-
Missouri-----	6	-	-	-	-	3	2	47	34	-	2	3
North Dakota-----	4	-	-	4	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	-	1	-	-	-	-	-	12	4	-	1	-
Kansas-----	-	-	-	-	-	2	-	11	2	-	-	-
SOUTH ATLANTIC-----	4	4	13	2	-	5	8	216	234	1	17	27
Delaware-----	-	-	-	-	-	1	1	3	2	-	-	-
Maryland-----	-	-	-	-	-	-	2	17	19	-	-	-
District of Columbia-----	-	-	-	-	-	-	2	11	6	-	-	-
Virginia-----	2	-	11	-	-	1	1	41	32	-	6	8
West Virginia-----	-	-	1	-	-	-	-	20	26	-	2	5
North Carolina-----	2	1	-	1	-	-	-	23	23	-	-	1
South Carolina-----	-	2	-	-	-	-	-	24	38	-	5	6
Georgia-----	-	-	1	1	-	3	1	41	41	-	3	4
Florida-----	-	1	-	-	-	-	1	36	47	1	1	3
EAST SOUTH CENTRAL-----	3	4	14	-	-	8	9	170	196	-	10	11
Kentucky-----	-	2	9	-	-	-	6	35	95	-	3	1
Tennessee-----	-	1	1	-	-	3	3	65	57	-	1	2
Alabama-----	2	-	-	-	-	3	-	20	30	-	6	6
Mississippi-----	1	1	4	-	-	2	-	50	14	-	-	2
WEST SOUTH CENTRAL-----	3	3	5	7	-	11	14	252	304	1	12	7
Arkansas-----	-	1	2	-	-	4	5	59	59	-	5	1
Louisiana-----	2	-	-	-	-	-	-	35	66	1	6	-
Oklahoma-----	-	-	-	-	-	2	1	38	42	-	1	-
Texas-----	1	2	3	7	-	5	8	120	137	-	-	6
MOUNTAIN-----	3	4	2	1	-	5	6	51	93	-	-	-
Montana-----	-	-	-	-	-	-	-	3	4	-	-	-
Idaho-----	-	-	-	-	-	1	1	3	9	-	-	-
Wyoming-----	1	-	1	-	-	-	-	2	6	-	-	-
Colorado-----	-	4	1	1	-	1	1	10	10	-	-	-
New Mexico-----	-	-	-	-	-	2	4	14	46	-	-	-
Arizona-----	-	-	-	-	-	-	-	15	14	-	-	-
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	2	-	-	-	-	1	-	3	-	-	-	-
PACIFIC-----	5	3	1	-	1	4	2	83	72	-	3	9
Washington-----	-	1	-	-	-	-	-	2	1	-	-	-
Oregon-----	-	-	1	-	1	-	-	7	9	-	-	-
California-----	5	2	-	-	-	4	2	74	62	-	3	9
Alaska-----	-	-	-	-	-	-	1	1	4	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	-	-	12	-	-	2	-	40	33	-	1	-



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

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

interval between death and receipt of the certificate.

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

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	37th week ended Sept. 15, 1956	36th week ended Sept. 8, 1956	37th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 37 WEEKS		
					1956	1955	Percent change
TOTAL: 108 REPORTING CITIES-----	8,947	8,347	8,754	+2.2	348,194	343,320	+1.4
New England----- (14 cities)	633	604	560	+13.0	25,003	25,284	-1.1
Middle Atlantic----- (17 cities)	2,849	2,559	2,601	+9.5	109,959	110,116	-0.1
East North Central----- (17 cities)	1,523	1,321	1,432	+6.4	55,959	55,393	+1.0
West North Central----- (9 cities)	663	710	648	+2.3	27,323	26,725	+2.2
South Atlantic----- (9 cities)	717	722	713	+0.6	29,532	28,248	+4.5
East South Central----- (7 cities)	381	315	340	+12.1	13,561	13,453	+0.8
West South Central----- (13 cities)	771	828	752	+2.5	31,150	29,139	+6.9
Mountain----- (7 cities)	232	225	195	+19.0	8,591	8,292	+3.6
Pacific----- (12 cities)	1,178	1,063	1,292	-8.8	47,116	46,670	+1.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 15, 1956

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

CITY	37th week ended Sept. 15, 1956	36th week ended Sept. 8, 1956	CUMULATIVE NUMBER FIRST 37 WEEKS		CITY	37th week ended Sept. 15, 1956	36th week ended Sept. 8, 1956	CUMULATIVE NUMBER FIRST 37 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	218	202	8,417	8,614	St. Louis, Mo.-----	211	234	8,649	8,087
Bridgeport, Conn.-----	41	36	1,379	1,369	St. Paul, Minn.-----	64	51	2,452	2,367
Cambridge, Mass.-----	24	32	1,105	1,063	Wichita, Kans.-----	28	33	1,478	1,404
Fall River, Mass.-----	15	22	1,006	1,014	SOUTH ATLANTIC				
Hartford, Conn.-----	38	49	1,745	1,692	Atlanta, Ga.-----	104	100	4,042	3,799
Lowell, Mass.-----	17	21	880	918	Baltimore, Md.-----	220	225	8,492	8,290
Lynn, Mass.-----	19	22	781	838	Charlotte, N. C.-----	24	28	1,142	1,034
New Bedford, Mass.-----	19	14	830	889	Jacksonville, Fla.-----	(54)	(49)	(1,897)	(1,743)
New Haven, Conn.-----	45	35	1,684	1,603	Miami, Fla.-----	45	42	1,859	1,994
Providence, R. I.-----	61	64	2,517	2,549	Norfolk, Va.-----	34	33	1,193	1,163
Somerville, Mass.-----	17	14	583	563	Richmond, Va.-----	52	54	2,570	2,349
Springfield, Mass.-----	42	34	1,530	1,518	Savannah, Ga.-----	(19)	(18)	(1,051)	(1,035)
Waterbury, Conn.-----	29	20	924	935	Tampa, Fla.-----	47	37	2,189	2,023
Worcester, Mass.-----	48	39	1,822	1,919	Washington, D. C.-----	167	170	6,757	6,280
MIDDLE ATLANTIC					Wilmington, Del.-----	24	32	1,288	1,316
Albany, N. Y.-----	48	53	1,805	1,769	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(22)	(27)	(1,365)	(1,355)	Birmingham, Ala.-----	87	60	2,832	2,820
Buffalo, N. Y.-----	143	138	5,208	4,989	Chattanooga, Tenn.-----	50	35	1,558	1,610
Camden, N. J.-----	24	31	1,424	1,362	Knoxville, Tenn.-----	41	31	1,259	1,242
Elizabeth, N. J.-----	19	29	1,015	983	Louisville, Ky.-----	---	---	---	(3,875)
Erie, Pa.-----	33	35	1,228	1,307	Memphis, Tenn.-----	85	93	3,648	3,624
Jersey City, N. J.-----	70	80	2,612	2,563	Mobile, Ala.-----	35	24	1,233	1,071
Newark, N. J.-----	151	21	3,554	3,712	Montgomery, Ala.-----	28	20	1,066	946
New York City, N. Y.-----	1,434	1,391	57,133	57,542	Nashville, Tenn.-----	55	52	1,965	2,140
Paterson, N. J.-----	32	42	1,363	1,383	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	453	358	17,696	17,746	Austin, Tex.-----	18	31	1,030	951
Pittsburgh, Pa.-----	168	148	6,699	6,497	Baton Rouge, La.-----	18	28	812	779
Reading, Pa.-----	(20)	(22)	(794)	(836)	Corpus Christi, Tex.-----	15	24	715	641
Rochester, N. Y.-----	100	88	3,457	3,447	Dallas, Tex.-----	103	94	3,965	3,588
Schenectady, N. Y.-----	21	21	823	833	El Paso, Tex.-----	30	23	997	1,058
Scranton, Pa.-----	(29)	(20)	(1,263)	(1,232)	Fort Worth, Tex.-----	66	60	2,172	1,999
Syracuse, N. Y.-----	59	41	2,152	2,041	Houston, Tex.-----	149	123	4,951	4,598
Trenton, N. J.-----	50	29	1,613	1,773	Little Rock, Ark.-----	47	64	1,701	1,649
Utica, N. Y.-----	26	32	1,094	1,100	New Orleans, La.-----	132	153	5,896	5,552
Yonkers, N. Y.-----	18	22	1,083	1,069	Oklahoma City, Okla.-----	55	49	2,308	2,082
EAST NORTH CENTRAL					San Antonio, Tex.-----	68	95	3,234	3,167
Akron, Ohio-----	70	41	1,931	1,941	Shreveport, La.-----	23	45	1,660	1,440
Canton, Ohio-----	21	21	1,032	993	Tulsa, Okla.-----	47	39	1,709	1,635
Chicago, Ill.-----	---	(638)	---	(26,763)	MOUNTAIN				
Cincinnati, Ohio-----	167	125	5,589	5,514	Albuquerque, N. Mex.-----	31	20	838	848
Cleveland, Ohio-----	210	152	7,524	7,254	Colorado Springs, Colo.-----	(16)	---	---	(483)
Columbus, Ohio-----	85	97	3,944	3,953	Denver, Colo.-----	109	103	3,992	3,977
Dayton, Ohio-----	69	52	2,427	2,417	Ogden, Utah-----	9	11	456	405
Detroit, Mich.-----	319	320	11,789	12,033	Phoenix, Ariz.-----	28	19	962	876
Evansville, Ind.-----	34	28	1,215	1,167	Pueblo, Colo.-----	19	15	461	477
Flint, Mich.-----	36	40	1,426	1,352	Salt Lake City, Utah-----	30	48	1,665	1,545
Fort Wayne, Ind.-----	33	29	1,310	1,251	Tucson, Ariz.-----	6	9	217	164
Gary, Ind.-----	(28)	(26)	(1,049)	(1,020)	PACIFIC				
Grand Rapids, Mich.-----	36	34	1,538	1,563	Berkeley, Calif.-----	16	8	608	664
Indianapolis, Ind.-----	111	92	4,264	4,049	Long Beach, Calif.-----	47	54	1,914	1,820
Milwaukee, Wis.-----	149	120	4,580	4,627	Los Angeles, Calif.-----	453	357	17,201	17,007
Peoria, Ill.-----	29	30	1,059	1,071	Oakland, Calif.-----	75	70	3,320	3,204
South Bend, Ind.-----	26	16	894	903	Pasadena, Calif.-----	24	35	1,318	1,379
Toledo, Ohio-----	90	84	3,432	3,403	Portland, Oreg.-----	76	89	3,474	3,465
Youngstown, Ohio-----	38	40	2,005	1,902	Sacramento, Calif.-----	52	45	1,767	1,815
WEST NORTH CENTRAL					San Diego, Calif.-----	69	53	2,734	2,698
Des Moines, Iowa-----	43	41	1,845	1,908	San Francisco, Calif.-----	149	182	6,987	6,826
Duluth, Minn.-----	30	19	961	948	Seattle, Wash.-----	126	104	4,673	4,717
Kansas City, Kans.-----	36	33	1,160	1,310	Spokane, Wash.-----	50	32	1,718	1,675
Kansas City, Mo.-----	97	115	4,035	4,017	Tacoma, Wash.-----	41	34	1,402	1,400
Minneapolis, Minn.-----	91	129	4,361	4,310	Honolulu, Hawaii-----	(41)	(25)	(1,281)	(1,301)
Omaha, Nebr.-----	63	55	2,382	2,374					

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

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