

Morbidity and Mortality

Weekly
Report



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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 8, 1956

The number of cases of poliomyelitis reported for the current week is 855 as compared with 887 for the previous week. The current week's incidence is less than that for the comparable week in all prior years since 1947. This is also the second consecutive week in the current polio season for which reported cases have been fewer in number. The percentage of paralytic cases reported this week was 34.2 percent as compared with 43.2 percent for the disease year.

The number reported in Chicago for the current week is 54 as compared with 62 for the previous week. This is the fourth successive week in which reported cases have been fewer in number. Thirty-three of these 54 cases were paralytic (61.1 percent) compared with 61.7 percent paralytic for the disease year. Incidence in the State of Illinois, exclusive of Chicago, also dropped, from 58 cases last week to 49 cases this week.

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-----	855	2,007	8,702	17,135	9,769	18,198
Paralytic-----	292	598	3,759	5,759	4,342	6,223
Nonparalytic-----	394	812	3,438	6,904	3,723	7,194
Unspecified-----	169	597	1,505	4,472	1,704	4,781

Excess mortality

This is the sixth successive week that the number of deaths reported in the major cities has exceeded the 3-year median (see chart on p. 6). For the 6-week period ended September 8 a total of 56,541 deaths was reported, about 6 percent more than the total of 53,481 deaths for the 6 corresponding weekly medians. The largest percentage excess in deaths has been reported by the cities in the West South Central Division (17 percent), followed next by the cities in the South Atlantic (12 percent) and in the Pacific (12 percent).

EPIDEMIOLOGICAL REPORTS

Encephalitis

Dr. S. B. Kirkwood, Massachusetts Department of Public Health, has supplied additional information on encephalitis in that State. The total number of human cases under investigation is now 10 with 6 deaths (2 without autopsy). A total of 27 horses has been affected. One was in Barnstable County, the first ever to occur there; another was in Worcester County near the place of a previous case. Twelve pheasant farms have been affected.

The California Department of Public Health reports that the number of arthropod-borne encephalitis cases this season remains low. Specimens from 6 patients have shown fourfold or greater rises in complement fixation titers, 5 for western equine and 1 for St. Louis encephalitis. The final diagnosis of

the St. Louis type is still pending. It was originally reported as nonparalytic poliomyelitis.

Rabies in a bat

Dr. D. S. Fleming, Minnesota Department of Health, has reported the finding of Negri bodies in smears of the brain of a hoary bat, *Lasiurus cinereus* (Beauvois). Laboratory animals have been inoculated with brain and salivary gland material but the results are not yet available. The bat, alive but paralyzed, was found on the sidewalk on the University of Minnesota campus. The hoary bat is infrequently found in the State, and the only in summer months when it migrates from Canada.

Listeriosis

Dr. S. H. Osborn, Connecticut State Department of Health, has reported a case of listeriosis in an infant. At birth the child appeared normal but the following day he developed fever and rapid respiration. An X-ray showed a suggestion of consolidation in the left upper lobe. A blood culture showed *Listeria monocytogenes*. The infant showed no signs of meningeal irritation. However, a spinal tap revealed bloody spinal fluid with no apparent increase in the white blood count. A culture of this fluid was negative. The infant died 4 days after birth.

The mother denies any animal contact during pregnancy except with the family dog which has shown no illness. A cervical culture on the mother shows a gram-positive motile organism which has not yet been conclusively identified.

Rocky Mountain spotted fever

Dr. A. M. Washburn, Arkansas State Board of Health, has reported a case of Rocky Mountain spotted fever in a 13-year-old boy. Numerous ticks have been removed from the boy but no information is available as to definite tick attachment. The patient recovered promptly under treatment with chloromycetin. The child's father is employed by a meatpacking plant in an outlying wooded area where ticks are reported numerous. The boy has spent considerable time around this area.

Typhoid fever

Dr. D. S. Fleming, Minnesota Department of Health, has reported 2 unrelated cases of typhoid fever. One was in a person who took National Guard training at a camp during the summer. No other cases occurred at the camp indicating the source of infection was probably the patient's home in Missouri. *Salmonella typhi* was isolated from a stool specimen. The other case was in a person who recently returned from a conducted European tour. Symptoms developed on the fifth day after the patient's return. *S. typhi*, phage type probably D₄, has been isolated from a stool specimen. The patient had no typhoid vaccine before leaving for Europe.

Salmonellosis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported an outbreak of an illness ascribed to one of the *Salmonella*. Thirteen persons developed cramps, vomiting, diarrhea, and nausea from 12 to 24 hours after partaking of an ice cream custard made from raw milk. None of this food was

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available for laboratory examination nor was there a confirmation of the cause of the illness.

Gastro-enteritis

The California Department of Public Health has reported 7 cases of gastro-enteritis among persons who ate custard-filled eclairs and doughnuts. They developed abdominal pain,

nausea, vomiting and diarrhea from 4 to 5 hours later. The custard-filled products were from a commercial bakery and were displayed in unrefrigerated showcases. Bacteriologic examination of the eclairs and doughnuts revealed beta-hemolytic, coagulase-positive staphylococci and a moderate number of coliform colonies.

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	36th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 8, 1956	Ended Sept. 10, 1955	Median 1951-55	First 36 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	31	20	22	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	35	24	---	735	904	---	---	---	---	---
Diphtheria-----055	10	45	45	973	998	1,391	147	289	327	July 1
Encephalitis, infectious-----082	75	27	30	1,264	1,031	1,031	635	471	471	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	231	442	---	14,306	24,279	---	---	---	---	---
Malaria-----110-117	9	5	---	161	332	---	(1)	(1)	(1)	(1)
Measles-----085	749	610	728	577,443	519,009	519,009	749	610	728	Sept. 1
Meningococcal infections-----057	27	38	43	1,992	2,609	3,103	27	38	43	Sept. 1
Meningitis, other-----340	38	---	---	1,057	---	---	---	---	---	---
Polio myelitis-----080	855	2,007	2,111	9,769	18,198	21,324	8,702	17,135	19,771	Apr. 1
Psittacosis-----096.2	6	4	---	377	199	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	6	4	6	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	56	43	68	1,296	1,182	1,550	983	875	1,144	Apr. 1
Typhus fever, endemic-----101	-	5	---	76	100	---	(1)	(1)	(1)	(1)
Rabies in animals-----	74	67	100	3,523	3,794	5,101	4,550	5,147	6,840	Oct. 1

¹Frequencies 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 10, 1955 AND SEPTEMBER 8, 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		36th week		Cumulative first 36 weeks		082		36th week		Cumulative first 36 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	35	24	10	45	973	998	75	27	231	442	14,306	24,279
NEW ENGLAND-----	-	1	-	-	11	20	2	-	16	34	930	2,171
Maine-----	-	-	-	-	-	-	-	-	8	8	226	251
New Hampshire-----	-	-	-	-	1	-	-	-	1	-	28	65
Vermont-----	-	1	-	-	-	2	-	-	-	2	116	168
Massachusetts-----	-	-	-	-	10	18	2	-	3	10	231	763
Rhode Island-----	-	-	-	-	-	-	-	-	2	9	118	309
Connecticut-----	-	-	-	-	-	-	-	-	2	5	211	615
MIDDLE ATLANTIC-----	-	-	2	2	49	40	6	4	51	91	3,075	6,071
New York-----	-	-	-	1	18	23	6	4	25	49	1,595	3,332
New Jersey-----	-	-	1	-	13	6	-	-	5	4	281	382
Pennsylvania-----	-	-	1	1	18	11	-	-	21	38	1,199	2,357
EAST NORTH CENTRAL-----	8	6	-	2	174	104	15	12	34	52	2,144	3,485
Ohio-----	1	-	-	-	14	28	13	2	7	15	539	591
Indiana-----	-	-	-	1	84	34	-	10	-	10	303	504
Illinois-----	7	4	-	-	8	4	2	-	6	11	490	851
Michigan-----	-	1	-	1	66	35	-	-	19	11	570	1,016
Wisconsin-----	-	1	-	-	2	3	-	-	2	5	242	523
WEST NORTH CENTRAL-----	11	5	1	1	93	103	5	1	12	51	1,213	3,003
Minnesota-----	1	-	-	-	25	38	-	-	2	18	378	1,060
Iowa-----	5	4	-	-	17	5	-	-	3	9	320	854
Missouri-----	-	-	-	-	10	9	1	-	3	2	69	306
North Dakota-----	2	-	-	-	5	-	-	-	3	2	96	236
South Dakota-----	2	1	1	1	7	38	1	-	-	1	154	293
Nebraska-----	-	-	-	-	26	11	3	1	-	-	90	74
Kansas-----	1	-	-	-	3	2	-	-	1	19	106	180
SOUTH ATLANTIC-----	6	2	3	27	215	313	1	-	15	56	902	2,123
Delaware-----	-	-	-	-	-	1	-	-	1	1	28	43
Maryland-----	-	-	-	-	1	11	-	-	1	4	75	294
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	18	38
Virginia-----	2	-	-	1	23	17	-	-	3	19	349	890
West Virginia-----	1	-	-	-	5	15	-	-	-	5	52	218
North Carolina-----	-	1	-	-	31	41	-	-	8	7	90	269
South Carolina-----	-	-	1	18	48	100	1	-	-	1	54	56
Georgia-----	3	-	2	6	51	87	-	-	1	5	118	130
Florida-----	-	1	-	2	55	39	-	-	1	14	118	185
EAST SOUTH CENTRAL-----	2	4	2	10	125	178	3	1	20	46	1,249	1,265
Kentucky-----	-	-	-	-	10	39	-	-	4	14	387	223
Tennessee-----	-	3	1	2	20	24	1	-	7	13	529	498
Alabama-----	1	-	-	7	59	92	2	1	6	13	157	242
Mississippi-----	1	1	1	1	36	23	-	-	3	6	176	302
WEST SOUTH CENTRAL-----	7	5	2	3	234	191	38	3	17	24	1,058	1,378
Arkansas-----	1	2	-	-	18	9	-	-	1	1	96	188
Louisiana-----	1	-	-	-	26	27	-	-	-	2	111	103
Oklahoma-----	3	1	1	-	57	22	-	1	2	3	83	137
Texas-----	2	2	1	3	133	133	38	2	14	18	768	950
MOUNTAIN-----	1	1	-	-	24	15	1	-	13	43	1,267	1,834
Montana-----	-	-	-	-	3	3	-	-	-	6	317	271
Idaho-----	-	-	-	-	1	-	-	-	3	2	162	206
Wyoming-----	-	-	-	-	4	-	1	-	-	8	69	81
Colorado-----	-	-	-	-	3	-	-	-	7	14	289	373
New Mexico-----	1	-	-	-	5	3	-	-	-	2	109	302
Arizona-----	-	-	-	-	5	6	-	-	2	9	253	528
Utah-----	-	1	-	-	3	1	-	-	1	2	64	53
Nevada-----	-	-	-	-	-	2	-	-	-	-	4	20
PACIFIC-----	-	-	-	-	48	34	4	6	53	45	2,468	2,949
Washington-----	-	-	-	-	9	17	-	-	6	15	512	649
Oregon-----	-	-	-	-	11	-	-	-	16	19	487	831
California-----	-	-	-	-	28	17	4	6	31	11	1,469	1,469
Alaska-----	-	-	-	-	35	-	-	-	-	13	67	231
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico-----	-	-	1	2	50	57	-	-	4	-	184	47

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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 10, 1955 AND SEPTEMBER 8, 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					
	36th week		Cumulative first 36 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-----	855	2,007	9,769	18,198	292	598	394	812	9	5	749	610
NEW ENGLAND-----	13	453	177	3,553	4	141	8	196	-	-	15	27
Maine-----	2	22	18	110	2	7	-	14	-	-	3	2
New Hampshire-----	-	20	3	174	-	-	-	-	-	-	2	-
Vermont-----	-	13	17	82	-	5	-	6	-	-	2	13
Massachusetts-----	5	290	81	2,575	1	116	4	117	-	-	7	12
Rhode Island-----	-	33	8	205	-	5	-	-	-	-	1	-
Connecticut-----	6	75	50	407	1	8	4	59	-	-	-	-
MIDDLE ATLANTIC-----	77	384	641	2,431	19	59	32	132	-	-	123	85
New York-----	42	245	422	1,559	10	59	20	132	-	-	77	52
New Jersey-----	25	66	124	391	9	-	12	-	-	-	28	13
Pennsylvania-----	10	73	95	481	-	-	-	-	-	-	18	20
EAST NORTH CENTRAL-----	275	528	2,654	4,151	102	167	115	178	-	-	105	109
Ohio-----	46	97	340	763	12	18	17	20	-	-	13	16
Indiana-----	19	27	220	249	8	8	10	10	-	-	5	4
Illinois-----	103	112	1,442	865	43	34	41	44	-	-	14	34
Michigan-----	48	68	368	815	21	16	24	42	-	-	25	24
Wisconsin-----	59	224	284	1,459	18	91	23	62	-	-	48	31
WEST NORTH CENTRAL-----	136	136	1,019	1,472	11	41	95	71	1	1	11	32
Minnesota-----	15	45	120	412	2	16	13	29	-	1	2	1
Iowa-----	51	33	408	428	2	9	49	22	1	-	-	14
Missouri-----	29	15	245	152	3	3	9	3	-	-	1	2
North Dakota-----	3	5	14	45	1	2	2	2	-	-	5	-
South Dakota-----	-	1	24	58	-	-	-	1	-	-	-	-
Nebraska-----	19	19	89	193	-	8	19	7	-	-	3	-
Kansas-----	19	18	119	184	3	3	3	7	-	-	-	15
SOUTH ATLANTIC-----	92	130	916	1,636	36	54	44	59	2	2	64	75
Delaware-----	2	3	13	50	-	-	2	3	-	-	-	1
Maryland-----	3	12	41	157	3	4	-	8	-	-	4	1
District of Columbia-----	2	4	6	31	2	2	-	2	-	-	-	4
Virginia-----	15	20	141	230	8	13	7	6	-	1	24	23
West Virginia-----	5	20	68	113	3	11	2	9	-	-	-	27
North Carolina-----	14	21	193	308	5	7	9	14	-	1	-	2
South Carolina-----	7	22	76	211	2	9	3	3	-	-	28	11
Georgia-----	28	5	144	162	9	3	12	1	-	-	8	1
Florida-----	16	23	234	374	4	5	9	13	2	-	-	5
EAST SOUTH CENTRAL-----	35	54	435	728	16	18	13	25	-	-	154	18
Kentucky-----	14	19	126	297	6	7	7	11	-	-	45	5
Tennessee-----	6	20	88	154	3	6	3	7	-	-	86	6
Alabama-----	3	12	51	132	-	5	-	6	-	-	20	4
Mississippi-----	12	3	170	145	7	-	3	1	-	-	3	3
WEST SOUTH CENTRAL-----	90	149	1,752	1,970	42	47	45	72	2	2	118	86
Arkansas-----	9	9	127	146	6	4	3	5	-	-	9	4
Louisiana-----	28	17	470	258	16	5	12	12	-	-	-	-
Oklahoma-----	6	29	154	204	1	2	2	6	1	-	3	5
Texas-----	47	94	1,001	1,362	19	36	28	49	1	2	106	77
MOUNTAIN-----	56	51	511	702	20	11	12	23	1	-	39	67
Montana-----	3	10	27	66	1	3	2	6	-	-	8	14
Idaho-----	6	5	74	181	2	1	-	1	-	-	3	1
Wyoming-----	7	1	23	23	5	-	1	1	-	-	-	5
Colorado-----	13	12	87	154	7	2	4	9	-	-	6	20
New Mexico-----	5	5	49	89	1	2	1	1	-	-	9	10
Arizona-----	8	8	101	76	4	3	4	5	1	-	-	11
Utah-----	8	7	122	51	-	-	-	-	-	-	8	6
Nevada-----	6	3	28	62	-	-	-	-	-	-	5	-
PACIFIC-----	81	122	1,664	1,555	42	60	30	56	3	-	120	111
Washington-----	18	38	121	206	5	21	5	11	-	-	22	24
Oregon-----	6	20	101	198	-	10	5	10	-	-	22	11
California-----	57	64	1,442	1,151	37	29	20	35	3	-	76	76
Alaska-----	-	2	10	38	-	2	-	-	-	-	19	2
Hawaii-----	2	4	60	63	2	3	-	1	-	-	59	17
Puerto Rico-----	1	1	35	437	1	1	-	-	-	1	58	17

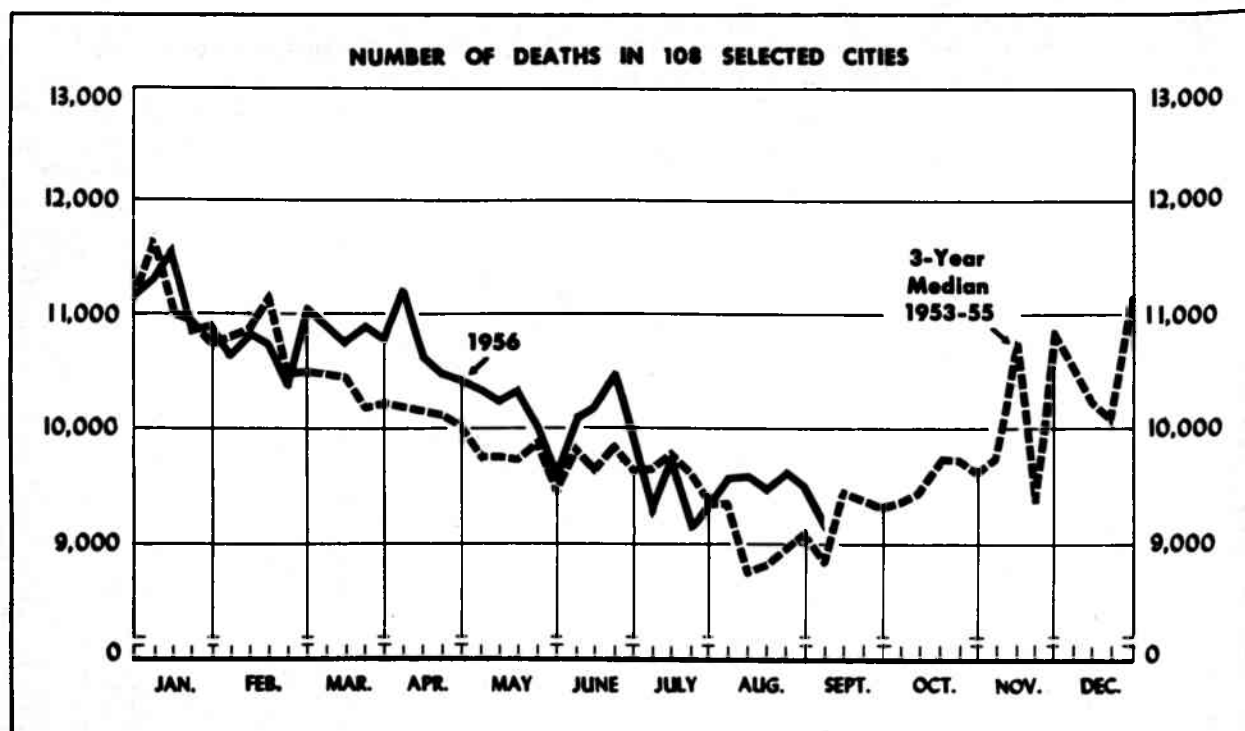
¹Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 10, 1955 AND SEPTEMBER 8, 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			096.2		36th week		Cumulative first 36 weeks			101	1956
	1956	1955		1956	1955	1956	1955	1956	1955	1956		
CONT. UNITED STATES-----	27	38	38	6	4	56	43	1,296	1,182	-	74	67
NEW ENGLAND-----	1	-	2	-	-	-	-	41	24	-	-	-
Maine-----	-	-	1	-	-	-	-	12	5	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	1	-	1	-	-	-	-	13	11	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	5	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	10	6	-	-	-
MIDDLE ATLANTIC-----	5	4	-	-	-	4	5	169	122	-	8	15
New York-----	3	3	-	-	-	1	-	50	22	-	8	15
New Jersey-----	-	-	-	-	-	1	-	22	19	-	-	-
Pennsylvania-----	2	1	-	-	-	2	5	97	81	-	-	-
EAST NORTH CENTRAL-----	8	9	3	2	2	11	5	183	112	-	10	5
Ohio-----	3	1	-	-	-	6	2	41	51	-	5	5
Indiana-----	-	6	-	1	-	2	1	23	13	-	1	-
Illinois-----	1	2	2	1	-	-	2	32	24	-	2	-
Michigan-----	1	-	1	-	-	3	-	45	19	-	-	-
Wisconsin-----	-	-	-	-	2	-	-	42	5	-	2	-
WEST NORTH CENTRAL-----	6	1	2	1	-	9	-	164	64	-	9	10
Minnesota-----	-	1	-	-	-	1	-	34	5	-	4	5
Iowa-----	2	-	2	1	-	1	-	56	17	-	-	-
Missouri-----	2	-	-	-	-	6	-	44	32	-	2	4
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	1	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	12	4	-	3	1
Kansas-----	1	-	-	-	-	1	-	9	2	-	-	-
SOUTH ATLANTIC-----	3	5	14	-	-	10	8	211	226	-	15	13
Delaware-----	-	-	-	-	-	1	-	2	1	-	2	-
Maryland-----	-	-	2	-	-	-	-	17	17	-	-	-
District of Columbia-----	-	-	1	-	-	-	-	11	4	-	-	-
Virginia-----	1	-	10	-	-	4	-	40	31	-	5	-
West Virginia-----	-	1	-	-	-	-	-	20	26	-	2	6
North Carolina-----	1	3	-	-	-	-	1	23	23	-	1	2
South Carolina-----	-	-	1	-	-	1	2	24	38	-	4	4
Georgia-----	1	1	-	-	-	3	2	38	40	-	1	1
Florida-----	-	-	-	-	-	1	3	36	46	-	-	-
EAST SOUTH CENTRAL-----	3	4	6	-	-	4	9	162	187	-	13	3
Kentucky-----	-	1	2	-	-	1	5	35	89	-	2	2
Tennessee-----	1	2	4	-	-	2	4	62	54	-	-	-
Alabama-----	1	-	-	-	-	-	-	17	30	-	9	1
Mississippi-----	1	1	-	-	-	1	-	48	14	-	2	-
WEST SOUTH CENTRAL-----	1	7	4	-	-	17	12	241	290	-	16	11
Arkansas-----	1	-	-	-	-	4	1	55	54	-	4	3
Louisiana-----	-	1	-	-	-	-	-	35	66	-	12	-
Oklahoma-----	-	-	1	-	-	7	2	36	41	-	-	-
Texas-----	-	6	3	-	-	6	9	115	129	-	-	8
MOUNTAIN-----	1	2	4	-	1	-	3	46	87	-	-	3
Montana-----	1	1	-	-	1	-	-	3	4	-	-	2
Idaho-----	-	-	-	-	-	-	-	2	8	-	-	-
Wyoming-----	-	-	4	-	-	-	-	2	6	-	-	-
Colorado-----	-	-	-	-	-	-	2	9	9	-	-	-
New Mexico-----	-	1	-	-	-	-	-	12	42	-	-	-
Arizona-----	-	-	-	-	-	-	1	15	14	-	-	1
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	2	6	3	3	1	1	1	79	70	-	3	7
Washington-----	-	1	1	1	-	-	-	2	1	-	-	-
Oregon-----	-	-	2	-	-	-	-	7	9	-	-	-
California-----	2	5	-	2	1	1	1	70	60	-	3	7
Alaska-----	-	-	-	-	-	-	-	1	3	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	2	-	-	1	-	38	33	-	-	-

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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	36th week ended Sept. 8, 1956	35th week ended Sept. 1, 1956	36th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 36 WEEKS		
					1956	1955	Percent change
TOTAL: 103 REPORTING CITIES-----	8,778	9,057	8,444	+4.0	355,319	350,109	+1.5
New England----- (14 cities)	604	594	597	+1.2	24,370	24,724	-1.4
Middle Atlantic----- (16 cities)	2,538	2,626	2,447	+3.7	103,707	103,887	-0.2
East North Central----- (18 cities)	1,959	2,040	1,992	-1.7	80,799	80,095	+0.9
West North Central----- (8 cities)	677	633	660	+2.6	25,536	24,757	+3.1
South Atlantic----- (9 cities)	722	739	674	+7.1	28,815	27,535	+4.6
East South Central----- (7 cities)	315	307	320	-1.6	13,180	13,101	+0.6
West South Central----- (12 cities)	675	692	523	+29.1	24,615	22,863	+7.7
Mountain----- (7 cities)	225	221	195	+15.4	8,559	8,097	+5.2
Pacific----- (12 cities)	1,063	1,205	941	+13.0	45,938	45,050	+2.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 8, 1956

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

CITY	36th week ended Sept. 8, 1956	35th week ended Sept. 1, 1956	CUMULATIVE NUMBER FIRST 36 WEEKS		CITY	36th week ended Sept. 8, 1956	35th week ended Sept. 1, 1956	CUMULATIVE NUMBER FIRST 36 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	202	189	8,199	8,426	St. Louis, Mo.-----	234	202	8,438	7,876
Bridgeport, Conn.-----	36	31	1,338	1,345	St. Paul, Minn.-----	51	55	2,388	2,295
Cambridge, Mass.-----	32	27	1,081	1,038	Wichita, Kans.-----	33	31	1,450	1,369
Fall River, Mass.-----	22	24	991		SOUTH ATLANTIC				
Hartford, Conn.-----	49	57	1,707	1,656	Atlanta, Ga.-----	100	100	3,938	3,699
Lowell, Mass.-----	21	22	863	894	Baltimore, Md.-----	225	213	8,272	8,098
Lynn, Mass.-----	22	21	762	825	Charlotte, N. C.-----	28	27	1,118	1,000
New Bedford, Mass.-----	14	18	811	872	Jacksonville, Fla.-----	(49)	(47)	(1,843)	(1,691)
New Haven, Conn.-----	35	39	1,639	1,565	Miami, Fla.-----	43	38	1,814	1,935
Providence, R. I.-----	64	48	2,256	2,294	Norfolk, Va.-----	33	48	1,159	1,129
Somerville, Mass.-----	14	13	566	546	Richmond, Va.-----	54	58	2,518	2,294
Springfield, Mass.-----	34	39	1,488	1,487	Savannah, Ga.-----	(18)	(20)	(1,032)	(1,006)
Waterbury, Conn.-----	20	16	895	916	Tampa, Fla.-----	37	59	2,142	1,970
Worcester, Mass.-----	39	50	1,774	1,868	Washington, D. C.-----	170	154	6,590	6,125
MIDDLE ATLANTIC					Wilmington, Del.-----	32	42	1,264	1,285
Albany, N. Y.-----	53	44	1,757	1,731	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(27)	(40)	(1,343)	(1,308)	Birmingham, Ala.-----	60	67	2,745	2,743
Buffalo, N. Y.-----	138	127	5,065	4,841	Chattanooga, Tenn.-----	35	46	1,508	1,560
Camden, N. J.-----	31	35	1,400	1,326	Knoxville, Tenn.-----	31	14	1,218	1,216
Elizabeth, N. J.-----	29	17	996	961	Louisville, Ky.-----	---	(90)	---	(3,780)
Erie, Pa.-----	35	30	1,195	1,268	Memphis, Tenn.-----	93	60	3,563	3,526
Jersey City, N. J.-----	80	57	2,542	2,505	Mobile, Ala.-----	24	42	1,198	1,041
Newark, N. J.-----	---	(106)	---	(3,633)	Montgomery, Ala.-----	20	25	1,038	919
New York City, N. Y.-----	1,391	1,398	55,699	56,205	Nashville, Tenn.-----	52	53	1,910	2,096
Paterson, N. J.-----	42	31	1,331	1,354	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	358	483	17,243	17,350	Austin, Tex.-----	31	26	1,012	918
Pittsburgh, Pa.-----	148	151	6,531	6,328	Baton Rouge, La.-----	28	8	794	759
Reading, Pa.-----	(22)	(19)	(774)	(818)	Corpus Christi, Tex.-----	24	17	700	623
Rochester, N. Y.-----	88	90	3,357	3,355	Dallas, Tex.-----	94	117	3,862	3,472
Schenectady, N. Y.-----	21	18	802	819	El Paso, Tex.-----	23	26	967	1,039
Scranton, Pa.-----	(20)	(24)	(1,234)	(1,189)	Fort Worth, Tex.-----	60	63	2,106	1,940
Syracuse, N. Y.-----	41	48	2,093	1,982	Houston, Tex.-----	123	134	4,802	4,452
Trenton, N. J.-----	29	46	1,563	1,749	Little Rock, Ark.-----	64	35	1,654	1,601
Utica, N. Y.-----	32	32	1,068	1,077	New Orleans, La.-----	---	(148)	---	(5,387)
Yonkers, N. Y.-----	22	19	1,065	1,036	Oklahoma City, Okla.-----	49	75	2,253	2,021
EAST NORTH CENTRAL					San Antonio, Tex.-----	95	93	3,166	3,077
Akron, Ohio-----	41	50	1,861	1,894	Shreveport, La.-----	45	26	1,637	1,387
Canton, Ohio-----	21	27	1,011	961	Tulsa, Okla.-----	39	72	1,662	1,574
Chicago, Ill.-----	638	643	26,563	26,134	MOUNTAIN				
Cincinnati, Ohio-----	125	136	5,422	5,370	Albuquerque, N. Mex.-----	20	25	807	829
Cleveland, Ohio-----	152	174	7,314	7,057	Colorado Springs, Colo.-----	---	(17)	---	(474)
Columbus, Ohio-----	97	109	3,859	3,844	Denver, Colo.-----	103	93	3,883	3,870
Dayton, Ohio-----	52	58	2,358	2,360	Ogden, Utah-----	11	11	447	392
Detroit, Mich.-----	320	297	11,470	11,731	Phoenix, Ariz.-----	19	22	934	862
Evansville, Ind.-----	28	25	1,181	1,149	Pueblo, Colo.-----	15	14	442	467
Flint, Mich.-----	40	37	1,390	1,322	Salt Lake City, Utah-----	48	42	1,635	1,515
Fort Wayne, Ind.-----	29	37	1,277	1,226	Tucson, Ariz.-----	9	14	211	162
Gary, Ind.-----	(26)	(23)	(1,021)	(999)	PACIFIC				
Grand Rapids, Mich.-----	34	42	1,502	1,514	Berkeley, Calif.-----	8	12	592	634
Indianapolis, Ind.-----	92	112	4,153	3,935	Long Beach, Calif.-----	54	35	1,867	1,766
Milwaukee, Wis.-----	120	104	4,431	4,511	Los Angeles, Calif.-----	357	453	16,748	16,224
Peoria, Ill.-----	30	41	1,030	1,037	Oakland, Calif.-----	70	70	3,245	3,114
South Bend, Ind.-----	16	24	868	881	Pasadena, Calif.-----	35	47	1,294	1,329
Toledo, Ohio-----	84	82	3,342	3,315	Portland, Oreg.-----	89	113	3,398	3,374
Youngstown, Ohio-----	40	42	1,967	1,854	Sacramento, Calif.-----	45	40	1,715	1,757
WEST NORTH CENTRAL					San Diego, Calif.-----	53	63	2,665	2,614
Des Moines, Iowa-----	41	47	1,802	1,851	San Francisco, Calif.-----	182	179	6,838	6,820
Duluth, Minn.-----	19	18	931	922	Seattle, Wash.-----	104	117	4,547	4,609
Kansas City, Kans.-----	---	(25)	---	(1,273)	Spokane, Wash.-----	32	42	1,668	1,634
Kansas City, Mo.-----	115	101	3,938	3,930	Tacoma, Wash.-----	34	34	1,361	1,375
Minneapolis, Minn.-----	129	123	4,270	4,202	Honolulu, Hawaii-----	(25)	(29)	(1,240)	(1,273)
Omaha, Nebr.-----	55	56	2,319	2,312					

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

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