

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 October 13, 1956

Of the 152 cases of encephalitis reported this week, 88 were in Kentucky. It is not known how many of these are arthropod-borne infections. This report probably includes some delayed cases for which laboratory confirmations of diagnoses were being obtained.

There has been relatively little change in the total number (1,090) of diphtheria cases reported thus far in 1956 when compared with the corresponding number (1,251) for 1955. However, this is not true when some of the individual States are considered. Sizable reductions have been reported in 6 southeastern States (Alabama, South Carolina, Georgia, Kentucky, Tennessee, and North Carolina) where large numbers of cases have occurred in past years. The total (266) for the year to date in these States is less than half the 565 cases reported during the first 41 weeks of 1955. On the other hand, substantial increases have occurred this year in a number of scattered States. These States are as follows, with last year's figures in parentheses: Indiana, 88 (34); Michigan, 74 (37); Oklahoma, 58 (23); California, 30 (17); Nebraska, 26 (14); Arkansas, 20 (9); Iowa, 17 (5); New Jersey, 14 (6); Oregon, 11 (-); and North Dakota, 5 (-).

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-----	400	681	12,089	23,863	13,156	24,926
Paralytic-----	160	367	5,052	8,193	5,635	8,657
Nonparalytic-----	170	323	4,866	9,519	5,151	9,809
Unspecified-----	70	191	2,171	6,151	2,370	6,460

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported a case of psittacosis in a 41-year-old man. The diagnosis was confirmed by an eight-fold rise in complement fixation titer. The patient's family had owned a healthy parakeet for 2 years and had recently purchased another from a local department store. The latter bird was not well and died in about 2 weeks. It was disposed of by the patient and shortly thereafter the other bird became sick and died. It also was destroyed, and neither carcass was available for laboratory examination. The department store implicated obtained all its parakeets from a bird company in New York City. Only 1 previous human case has been reported in Maine this year. The source of this case was a parakeet obtained from the same company in New York City.

Rabies in animals

Dr. A. M. Washburn, Arkansas State Board of Health, has reported a case of rabies in a 10-week-old dog, a neighborhood pet. The dog suddenly began to act strangely and bit one child. The animal began to play with other children and the incident was passed over as of no great importance. However, later in the day the dog attacked other children, and 20 or more persons were either bitten or had some exposure to the animal before it was placed under observation. The dog died the following morning but its brain was not submitted for laboratory examination.

Malaria

Dr. J. D. Martin, Louisiana State Department of Health, has reported a case of malaria in an 18-year-old man. This man became ill while on a steamer en route from British Honduras. His illness was characterized by chills and high fever accompanied by abdominal pain. The symptoms subsided spontaneously after about 12 hours but recurred the day following his arrival in New Orleans. At this time the patient was hospitalized, and a diagnosis of malaria was made following the demonstration of *Plasmodium malariae* in a blood smear. The patient gave a history of having traveled through Mexico, Guatemala, and British Honduras. Part of his journey was on foot and on several occasions he slept out in the open.

Trichiniasis

Dr. Martin P. Hines, North Carolina State Board of Health, has reported 3 cases of trichiniasis following the ingestion of pork spareribs. The meat had been cooked outside on a charcoal grill but was not well done because it was liked "slightly bloody." After the meal 2 persons departed to their homes in other States. Two days later the North Carolina resident developed a slight diarrhea. About 2½ weeks after the meal, this patient developed eye swelling, backache, chills, nausea, fever, and muscle aches. A few days later he was admitted to a hospital with periorbital edema, conjunctivitis, high fever, and a severe headache. Eosinophile counts were 13 percent on admission and 41 percent 4 days later. A biopsy of the gastrocnemius muscle revealed trichina which were beginning to encyst. It has been learned that the other 2 persons who consumed the spareribs also contracted trichiniasis. These cases are being investigated by State health officers in the States where they are residing. An investigation revealed that the meat was purchased locally and was part of a large shipment from a local packing company. This was part of a lot in freezer storage and the source could not be traced. Hogs are purchased from several sources including local farmers.

Gastro-enteritis

The California State Department of Public Health has reported an outbreak of gastro-enteritis in a private residence. Eighteen of 21 persons who ate a noon meal became ill with severe vomiting, in most cases followed by diarrhea, abdominal cramps, and prostration from 2 to 10 hours later. In

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one person the incubation period was given as 24 hours. The meat served was canned ham and during the preparation it was subjected to much handling. It was also left unrefrigerated overnight and transported by car to another location. Other foods were prepared in homes away from the place of service. The only food available for bacteriological examination was the ham. From the sample submitted, an almost pure culture of

beta hemolytic *Staphylococcus aureus* was found.

The Cleveland (Ohio) Department of Health has reported 2 outbreaks of gastro-enteritis involving 3 cases each. No food samples were collected for bacteriological examination. In one outbreak roast beef and gravy was suspected to be the vehicle of infection, and for the other ham sandwiches which had been left unrefrigerated for many hours.

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	41st WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 13, 1956	Ended Oct. 15, 1955	Median 1951-55	First 41 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	1	34	22	25	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	24	25	---	848	1,024	---	---	---	---	---
Diphtheria-----055	32	71	71	1,090	1,251	1,676	264	542	624	July 1
Encephalitis, infectious-----082	152	34	34	1,749	1,257	1,257	1,120	697	697	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	295	408	---	15,720	26,622	---	---	---	---	---
Malaria-----110-117	4	7	---	199	400	---	(1)	(1)	(1)	(1)
Measles-----085	1,018	961	1,145	582,130	522,831	522,831	5,436	4,432	4,898	Sept. 1
Meningococcal infections-----057	34	39	60	2,176	2,616	3,376	211	245	317	Sept. 1
Meningitis, other-----340	19	---	---	1,217	---	---	---	---	---	---
Poliomyelitis-----080	400	881	1,169	13,156	24,926	30,355	12,089	23,863	28,774	Apr. 1
Psittacosis-----096.2	16	6	---	430	216	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	7	4	9	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	29	38	42	1,494	1,397	1,860	1,181	1,090	1,454	Apr. 1
Typhus fever, endemic-----101	2	2	---	88	112	---	(1)	(1)	(1)	(1)
Rabies in animals-----	57	76	105	3,884	4,186	5,680	132	151	223	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 OCTOBER 15, 1955 AND OCTOBER 13, 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		41st week		Cumulative first 41 weeks		082		41st week		Cumulative first 41 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	24	25	32	71	1,090	1,251	152	34	295	408	15,720	26,622
NEW ENGLAND-----	-	-	-	-	12	21	4	1	17	30	1,022	2,359
Maine-----	-	-	-	-	-	-	-	-	8	5	247	294
New Hampshire-----	-	-	-	-	1	-	-	-	1	-	31	68
Vermont-----	-	-	-	-	-	2	-	-	4	2	145	195
Massachusetts-----	-	-	-	-	11	19	3	1	3	8	259	835
Rhode Island-----	-	-	-	-	-	-	1	-	-	5	123	327
Connecticut-----	-	-	-	-	-	-	-	-	1	10	217	640
MIDDLE ATLANTIC-----	-	-	-	-	51	44	8	4	70	82	3,365	6,651
New York-----	-	-	-	-	18	26	7	4	45	39	1,769	3,629
New Jersey-----	-	-	-	-	14	6	1	-	12	4	313	419
Pennsylvania-----	-	-	-	-	19	12	-	-	13	39	1,283	2,603
EAST NORTH CENTRAL-----	1	3	6	4	186	111	2	7	61	45	2,350	3,763
Ohio-----	-	-	-	1	14	29	2	-	5	6	580	661
Indiana-----	-	-	-	-	88	34	-	5	8	4	331	534
Illinois-----	1	3	-	1	8	8	-	-	6	9	518	929
Michigan-----	-	-	6	2	74	37	-	1	36	14	653	1,076
Wisconsin-----	-	-	-	-	2	3	-	1	6	12	268	563
WEST NORTH CENTRAL-----	14	6	-	3	96	120	19	7	15	35	1,304	3,213
Minnesota-----	4	-	-	2	26	43	-	-	5	16	416	1,151
Iowa-----	8	4	-	-	17	5	-	1	2	3	333	881
Missouri-----	-	1	-	-	11	12	-	-	2	6	82	319
North Dakota-----	-	1	-	-	5	-	-	1	3	3	109	253
South Dakota-----	1	-	-	1	7	43	2	-	1	5	181	321
Nebraska-----	-	-	-	-	26	14	1	1	1	1	91	78
Kansas-----	1	-	-	-	4	3	16	4	1	1	110	210
SOUTH ATLANTIC-----	3	3	12	47	261	440	5	-	21	36	1,027	2,309
Delaware-----	-	-	-	-	-	1	-	-	-	-	30	45
Maryland-----	-	-	1	-	2	12	-	-	2	9	81	319
District of Columbia-----	-	-	-	-	1	2	1	-	-	1	19	41
Virginia-----	2	3	-	3	26	22	-	-	9	12	407	946
West Virginia-----	-	-	1	1	7	16	-	-	-	-	56	226
North Carolina-----	-	-	2	4	39	65	3	-	1	2	111	297
South Carolina-----	-	-	4	21	60	146	-	-	-	1	57	71
Georgia-----	1	-	2	18	63	133	1	-	4	6	132	144
Florida-----	-	-	2	-	63	43	-	-	5	5	134	220
EAST SOUTH CENTRAL-----	1	6	6	11	145	252	91	1	26	25	1,377	1,415
Kentucky-----	-	-	-	-	10	41	88	-	6	6	426	269
Tennessee-----	1	2	-	-	20	33	1	1	16	13	577	547
Alabama-----	-	1	6	10	74	147	2	-	2	2	179	263
Mississippi-----	-	3	-	1	41	31	-	-	2	4	195	336
WEST SOUTH CENTRAL-----	4	1	7	6	261	208	13	1	11	48	1,145	1,548
Arkansas-----	2	-	-	-	20	9	-	1	2	10	112	205
Louisiana-----	-	-	-	-	28	28	-	-	-	3	113	111
Oklahoma-----	1	-	-	-	58	23	-	-	1	10	89	169
Texas-----	1	1	7	6	155	148	12	-	8	25	831	1,063
MOUNTAIN-----	-	5	1	-	27	15	1	8	17	26	1,379	2,021
Montana-----	-	-	-	-	3	3	-	-	3	11	344	318
Idaho-----	-	-	-	-	7	-	1	-	4	5	180	230
Wyoming-----	-	-	1	-	-	-	-	1	2	2	87	102
Colorado-----	-	3	-	-	3	-	-	-	2	2	312	417
New Mexico-----	-	1	-	-	5	3	-	-	3	2	117	309
Arizona-----	-	1	-	-	5	6	-	-	2	3	266	564
Utah-----	-	-	-	-	3	1	-	-	-	1	67	61
Nevada-----	-	-	-	-	-	2	-	7	1	-	6	20
PACIFIC-----	1	1	-	-	51	40	9	5	57	81	2,751	3,343
Washington-----	-	-	-	-	10	23	-	-	7	14	556	719
Oregon-----	-	-	-	-	11	-	-	-	18	16	544	931
California-----	1	1	-	-	30	17	9	5	32	51	1,651	1,683
Alaska-----	-	-	-	-	35	-	-	-	-	11	72	311
Hawaii-----	-	-	-	-	-	-	-	-	-	-	42	39
Puerto Rico-----	-	-	5	-	62	58	-	-	-	3	202	60

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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 OCTOBER 15, 1955 AND OCTOBER 13, 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 ¹				Paralytic		Nonparalytic		110-117		085	
	41st week		Cumulative first 41 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	400	881	13,156	24,926	160	367	170	323	4	7	1,018	961
NEW ENGLAND-----	7	173	229	4,821	5	66	1	52	-	-	25	31
Maine-----	1	9	21	157	1	4	-	4	-	-	10	-
New Hampshire-----	-	3	3	211	-	-	-	-	-	-	-	-
Vermont-----	1	3	21	109	1	2	-	1	-	-	-	27
Massachusetts-----	3	122	101	3,454	2	56	1	38	-	-	10	4
Rhode Island-----	-	20	9	323	-	1	-	-	-	-	-	-
Connecticut-----	2	16	74	567	1	3	-	9	-	-	5	-
MIDDLE ATLANTIC-----	49	114	1,030	3,633	13	39	16	45	-	-	217	179
New York-----	30	78	676	2,362	12	33	13	38	-	-	104	75
New Jersey-----	5	24	196	601	1	6	3	7	-	-	43	3
Pennsylvania-----	14	12	158	670	-	-	-	-	-	-	70	101
EAST NORTH CENTRAL-----	95	213	3,637	5,987	46	89	32	74	-	-	152	157
Ohio-----	17	13	537	1,103	5	6	5	1	-	-	11	17
Indiana-----	6	20	320	354	2	8	3	2	-	-	18	18
Illinois-----	14	47	1,735	1,235	6	15	5	15	-	-	24	54
Michigan-----	26	36	579	1,093	16	13	9	17	-	-	51	44
Wisconsin-----	32	97	466	2,202	17	47	10	39	-	-	48	24
WEST NORTH CENTRAL-----	37	51	1,543	1,906	11	17	15	21	-	-	71	35
Minnesota-----	4	12	187	534	2	4	2	8	-	-	9	2
Iowa-----	9	11	596	505	-	3	5	5	-	-	28	12
Missouri-----	7	8	368	222	1	3	2	1	-	-	19	2
North Dakota-----	-	2	30	57	-	1	-	1	-	-	10	6
South Dakota-----	-	3	30	73	-	-	-	1	-	-	2	-
Nebraska-----	8	7	157	256	4	4	3	2	-	-	3	1
Kansas-----	9	8	175	259	4	2	3	3	-	-	-	12
SOUTH ATLANTIC-----	50	64	1,258	2,094	22	28	25	29	1	-	73	93
Delaware-----	1	1	26	54	-	1	1	-	-	-	-	1
Maryland-----	6	11	82	231	6	4	-	7	-	-	4	10
District of Columbia-----	-	1	9	44	-	1	-	-	-	-	-	7
Virginia-----	5	6	199	286	5	3	-	3	-	-	13	17
West Virginia-----	4	8	100	163	-	4	4	4	-	-	17	37
North Carolina-----	13	15	265	363	7	6	5	7	-	-	2	8
South Carolina-----	1	7	97	266	-	3	-	2	-	-	10	10
Georgia-----	-	9	175	238	-	5	-	2	-	-	10	1
Florida-----	20	6	305	429	4	1	15	4	1	-	17	2
EAST SOUTH CENTRAL-----	27	21	574	912	11	10	6	5	-	1	236	25
Kentucky-----	1	8	152	375	1	4	-	2	-	1	62	10
Tennessee-----	6	6	112	217	5	3	1	2	-	-	112	6
Alabama-----	7	5	72	158	-	3	-	1	-	-	58	8
Mississippi-----	13	2	238	162	5	-	5	-	-	-	4	1
WEST SOUTH CENTRAL-----	49	94	2,079	2,409	23	47	22	37	-	3	104	122
Arkansas-----	6	4	168	166	3	3	2	1	-	-	11	7
Louisiana-----	17	13	570	330	9	8	8	5	-	-	6	1
Oklahoma-----	5	7	188	256	-	2	2	1	-	-	5	1
Texas-----	21	70	1,153	1,657	11	34	10	30	-	3	82	114
MOUNTAIN-----	13	42	666	939	5	16	6	13	1	-	60	138
Montana-----	2	10	36	121	1	8	1	1	-	-	6	46
Idaho-----	2	8	95	227	1	-	1	3	-	-	5	3
Wyoming-----	3	-	29	31	1	-	1	-	-	-	-	10
Colorado-----	4	9	124	200	2	4	2	5	-	-	5	21
New Mexico-----	1	1	65	114	-	1	1	-	-	-	9	6
Arizona-----	-	7	113	109	-	3	-	4	1	-	6	47
Utah-----	1	6	172	67	-	-	-	-	-	-	27	4
Nevada-----	-	1	32	70	-	-	-	-	-	-	2	1
PACIFIC-----	73	109	2,140	2,225	24	55	47	47	2	3	80	181
Washington-----	3	24	157	353	2	13	1	7	-	-	27	17
Oregon-----	8	13	137	296	2	7	4	3	-	1	7	12
California-----	62	72	1,846	1,576	20	35	42	37	2	2	46	152
Alaska-----	-	2	12	53	-	1	-	1	-	-	66	-
Hawaii-----	-	6	63	91	-	4	-	2	-	-	165	7
Puerto Rico-----	2	-	46	442	2	-	-	-	-	-	73	31

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

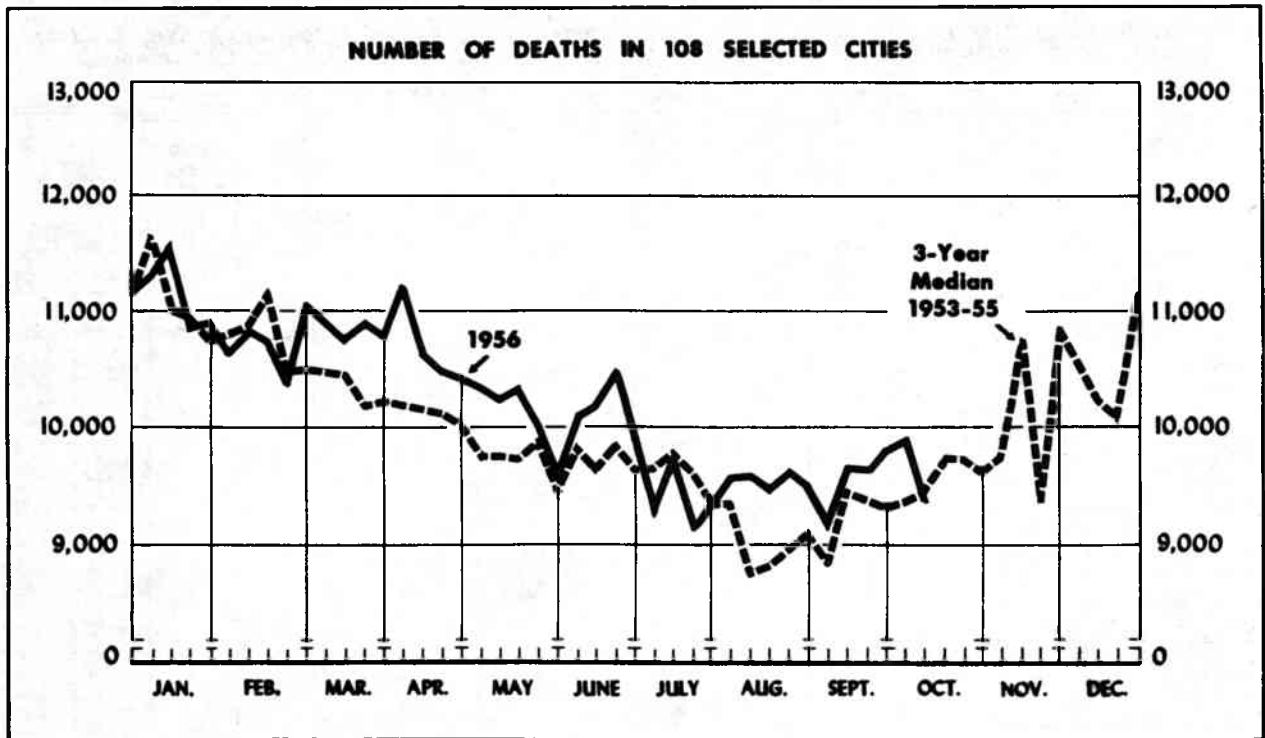
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 15, 1955 AND OCTOBER 13, 1956—Continued

(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	
						41st week		Cumulative first 41 weeks				
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	34	39	19	16	6	29	38	1,494	1,397	2	57	76
NEW ENGLAND-----	1	2	-	-	-	1	1	50	29	-	-	-
Maine-----	-	-	-	-	-	-	-	14	6	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	-	2	-	-	-	1	-	17	11	-	-	-
Rhode Island-----	1	-	-	-	-	-	-	6	2	-	-	-
Connecticut-----	-	-	-	-	-	-	1	12	9	-	-	-
MIDDLE ATLANTIC-----	6	8	-	-	-	4	3	187	148	-	5	17
New York-----	4	1	-	-	-	1	1	55	34	-	3	17
New Jersey-----	-	-	-	-	-	2	-	29	23	-	-	-
Pennsylvania-----	2	7	-	-	-	1	2	103	91	-	2	-
EAST NORTH CENTRAL-----	8	9	4	-	2	5	3	205	134	-	6	7
Ohio-----	3	2	-	-	-	2	1	54	59	-	4	3
Indiana-----	1	3	3	-	-	-	2	26	18	-	2	5
Illinois-----	-	2	-	-	2	-	-	34	30	-	-	-
Michigan-----	3	1	1	-	-	3	-	49	21	-	-	1
Wisconsin-----	1	1	-	-	-	-	-	42	6	-	-	-
WEST NORTH CENTRAL-----	1	2	-	-	-	1	2	179	75	-	5	7
Minnesota-----	1	1	-	-	-	-	-	37	5	-	4	1
Iowa-----	-	-	-	-	-	-	2	56	21	-	-	4
Missouri-----	-	1	-	-	-	1	-	53	39	-	-	2
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	-	-	-	-	-	-	-	12	4	-	1	-
Kansas-----	-	-	-	-	-	-	-	12	2	-	-	-
SOUTH ATLANTIC-----	4	2	5	-	2	6	4	237	263	-	18	19
Delaware-----	-	-	-	-	-	-	-	3	2	-	-	-
Maryland-----	-	1	1	-	-	-	-	17	20	-	-	-
District of Columbia-----	1	-	2	-	-	-	-	12	6	-	-	-
Virginia-----	1	1	2	-	-	2	-	46	42	-	5	6
West Virginia-----	1	-	-	-	-	-	1	22	32	-	2	2
North Carolina-----	-	-	-	-	2	-	-	25	25	-	-	2
South Carolina-----	-	-	-	-	-	-	2	25	44	-	5	6
Georgia-----	1	-	-	-	-	-	-	47	42	-	4	3
Florida-----	-	-	-	-	-	4	1	40	50	-	2	-
EAST SOUTH CENTRAL-----	10	5	3	1	-	4	6	192	221	1	10	9
Kentucky-----	2	4	1	-	-	2	2	40	99	-	4	2
Tennessee-----	3	-	1	-	-	1	1	69	68	-	2	1
Alabama-----	2	1	-	-	-	1	2	23	36	1	4	5
Mississippi-----	3	-	1	1	-	-	1	60	18	-	-	1
WEST SOUTH CENTRAL-----	2	3	5	11	-	5	8	282	336	-	8	6
Arkansas-----	1	-	1	-	-	3	3	63	64	-	2	1
Louisiana-----	-	1	-	-	-	1	2	40	70	-	6	-
Oklahoma-----	-	-	1	-	-	-	1	42	48	-	-	-
Texas-----	1	2	3	11	-	1	2	137	154	-	-	5
MOUNTAIN-----	-	3	2	2	-	2	2	65	103	-	-	1
Montana-----	-	-	-	2	-	-	-	3	5	-	-	-
Idaho-----	-	-	1	-	-	-	-	3	11	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	-	-	-	-	-	1	-	16	12	-	-	-
New Mexico-----	-	2	1	-	-	-	2	17	49	-	-	-
Arizona-----	-	-	-	-	-	1	-	21	16	-	-	1
Utah-----	-	1	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	2	5	-	2	2	1	9	97	88	1	5	10
Washington-----	-	2	-	-	-	-	-	2	1	-	-	-
Oregon-----	-	-	-	-	-	-	3	11	12	-	-	-
California-----	2	3	-	2	2	1	6	84	75	1	5	10
Alaska-----	-	-	-	-	-	-	-	1	4	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	6	2	68	39	-	-	-

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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 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	41st week ended Oct. 13, 1956	40th week ended Oct. 6, 1956	41st week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 41 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	8,408	8,825	8,496	-1.0	375,171	369,324	+1.6
New England----- (14 cities)	602	653	655	-8.1	27,466	27,870	-1.4
Middle Atlantic----- (17 cities)	2,720	2,967	2,887	-5.8	121,193	121,163	+0.0
East North Central----- (17 cities)	1,458	1,439	1,396	+4.4	61,689	60,915	+1.3
West North Central----- (8 cities)	570	622	691	-17.5	28,770	28,001	+2.7
South Atlantic----- (9 cities)	770	748	698	+10.3	32,537	31,040	+4.8
East South Central----- (7 cities)	343	352	368	-6.8	14,971	14,812	+1.1
West South Central----- (13 cities)	808	754	700	+15.4	34,382	32,066	+7.2
Mountain----- (8 cities)	227	232	218	+4.1	9,985	9,671	+3.2
Pacific----- (11 cities)	910	1,058	984	-7.5	44,178	43,786	+0.9

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 13, 1956

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

CITY	41st week ended Oct. 13, 1956	40th week ended Oct. 6, 1956	CUMULATIVE NUMBER FIRST 41 WEEKS		CITY	41st week ended Oct. 13, 1956	40th week ended Oct. 6, 1956	CUMULATIVE NUMBER FIRST 41 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	221	205	9,265	9,521	St. Louis, Mo.-----	161	187	9,435	8,900
Bridgeport, Conn.-----	27	37	1,514	1,504	St. Paul, Minn.-----	52	54	2,689	2,606
Cambridge, Mass.-----	28	21	1,196	1,175	Wichita, Kans.-----	44	40	1,669	1,557
Fall River, Mass.-----	17	33	1,110	1,120	SOUTH ATLANTIC				
Hartford, Conn.-----	50	43	1,933	1,841	Atlanta, Ga.-----	100	88	4,429	4,211
Lovell, Mass.-----	23	25	970	1,035	Baltimore, Md.-----	227	226	9,400	9,113
Lynn, Mass.-----	14	18	844	910	Charlotte, N. C.-----	29	34	1,264	1,129
New Bedford, Mass.-----	23	27	922	984	Jacksonville, Fla.-----	(43)	(51)	(2,073)	(1,919)
New Haven, Conn.-----	29	58	1,844	1,748	Miami, Fla.-----	63	57	2,049	2,180
Providence, R. I.-----	54	55	2,530	2,593	Norfolk, Va.-----	37	29	1,322	1,267
Somerville, Mass.-----	14	11	630	611	Richmond, Va.-----	82	75	2,860	2,559
Springfield, Mass.-----	31	41	1,673	1,704	Savannah, Ga.-----	(22)	(20)	(1,154)	(1,153)
Waterbury, Conn.-----	24	21	1,021	1,022	Tampa, Fla.-----	37	42	2,369	2,199
Worcester, Mass.-----	47	58	2,014	2,102	Washington, D. C.-----	177	163	7,436	6,945
MIDDLE ATLANTIC					Wilmington, Del.-----	18	36	1,408	1,437
Albany, N. Y.-----	48	44	1,987	1,947	EAST SOUTH CENTRAL				
Allentown, Pa.-----	---	(26)	---	(1,475)	Birmingham, Ala.-----	66	71	3,105	3,104
Buffalo, N. Y.-----	102	178	5,767	5,495	Chattanooga, Tenn.-----	38	32	1,713	1,772
Camden, N. J.-----	44	37	1,577	1,494	Knoxville, Tenn.-----	30	30	1,375	1,378
Elizabeth, N. J.-----	38	34	1,129	1,077	Nashville, Tenn.-----	---	(134)	---	(4,222)
Erie, Pa.-----	27	24	1,345	1,422	Memphis, Tenn.-----	87	80	4,009	4,018
Jersey City, N. J.-----	53	83	2,858	2,820	Mobile, Ala.-----	31	43	1,389	1,167
Newark, N. J.-----	75	94	3,897	4,088	Montgomery, Ala.-----	30	30	1,170	1,051
New York City, N. Y.-----	1,488	1,519	63,087	63,440	Nashville, Tenn.-----	61	66	2,210	2,322
Paterson, N. J.-----	24	44	1,490	1,511	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	424	431	19,363	19,351	Austin, Tex.-----	18	24	1,125	1,046
Pittsburgh, Pa.-----	178	177	7,377	7,175	Baton Rouge, La.-----	19	23	900	845
Reading, Pa.-----	(26)	(24)	(876)	(924)	Corpus Christi, Tex.-----	24	18	799	707
Rochester, N. Y.-----	65	123	3,842	3,805	Dallas, Tex.-----	107	88	4,354	3,959
Schenectady, N. Y.-----	17	21	899	924	El Paso, Tex.-----	42	30	1,108	1,163
Scranton, Pa.-----	(20)	(35)	(1,391)	(1,378)	Fort Worth, Tex.-----	52	58	2,385	2,203
Syracuse, N. Y.-----	51	54	2,366	2,260	Houston, Tex.-----	161	82	5,485	5,060
Trenton, N. J.-----	37	36	1,778	1,950	Little Rock, Ark.-----	56	48	1,906	1,824
Utica, N. Y.-----	24	37	1,227	1,237	New Orleans, La.-----	125	138	6,462	6,103
Yonkers, N. Y.-----	25	31	1,204	1,167	Oklahoma City, Okla.-----	61	62	2,556	2,300
EAST NORTH CENTRAL					San Antonio, Tex.-----	75	96	3,578	3,467
Akron, Ohio-----	46	37	2,110	2,140	Shreveport, La.-----	35	49	1,851	1,587
Canton, Ohio-----	32	22	1,131	1,102	Tulsa, Okla.-----	33	38	1,873	1,802
Chicago, Ill.-----	---	(713)	---	(29,518)	MOUNTAIN				
Cincinnati, Ohio-----	162	132	6,170	6,059	Albuquerque, N. Mex.-----	20	25	924	929
Cleveland, Ohio-----	217	184	8,311	8,013	Colorado Springs, Colo.-----	16	12	536	522
Columbus, Ohio-----	88	107	4,332	4,334	Denver, Colo.-----	98	106	4,414	4,377
Dayton, Ohio-----	78	54	2,657	2,638	Ogden, Utah-----	11	20	505	447
Detroit, Mich.-----	318	265	12,981	13,221	Phoenix, Ariz.-----	19	21	1,045	978
Evansville, Ind.-----	31	30	1,351	1,284	Pueblo, Colo.-----	8	13	499	516
Flint, Mich.-----	33	47	1,564	1,489	Salt Lake City, Utah-----	45	27	1,812	1,719
Fort Wayne, Ind.-----	34	40	1,442	1,380	Tucson, Ariz.-----	10	8	250	183
Gary, Ind.-----	(25)	(40)	(1,157)	(1,112)	PACIFIC				
Grand Rapids, Mich.-----	40	36	1,680	1,706	Berkeley, Calif.-----	14	16	673	732
Indianapolis, Ind.-----	80	128	4,709	4,446	Long Beach, Calif.-----	46	55	2,131	1,990
Milwaukee, Wis.-----	112	143	5,056	5,068	Los Angeles, Calif.-----	369	474	18,938	18,668
Peoria, Ill.-----	39	29	1,184	1,182	Oakland, Calif.-----	111	74	3,690	3,507
South Bend, Ind.-----	23	30	986	1,012	Pasadena, Calif.-----	27	22	1,424	1,503
Toledo, Ohio-----	73	101	3,797	3,751	Portland, Oreg.-----	102	98	3,852	3,805
Youngstown, Ohio-----	52	54	2,228	2,090	Sacramento, Calif.-----	35	43	1,940	2,016
WEST NORTH CENTRAL					San Diego, Calif.-----	56	81	3,024	2,982
Des Moines, Iowa-----	41	42	2,035	2,111	San Francisco, Calif.-----	(148)	---	---	(7,493)
Duluth, Minn.-----	17	29	1,067	1,041	Seattle, Wash.-----	94	122	5,100	5,193
Kansas City, Kans.-----	---	(26)	---	(1,414)	Spokane, Wash.-----	29	40	1,863	1,866
Kansas City, Mo.-----	85	87	4,412	4,399	Tacoma, Wash.-----	27	33	1,543	1,524
Minneapolis, Minn.-----	108	112	4,818	4,764	Honolulu, Hawaii-----	(27)	(27)	(1,412)	(1,445)
Omaha, Nebr.-----	62	71	2,645	2,623					

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

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