

Morbidity and Mortality

Weekly
Report



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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 October 27, 1956

Of the 20 cases of diphtheria reported this week, 10 were in the South Atlantic States. Mississippi reported 4 cases and Texas reported 2. Single cases were reported in 4 scattered States. Alabama, where a large number of cases was reported last week, reported no new 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-----	322	746	12,790	25,399	13,857	26,462
Paralytic-----	140	306	5,345	8,847	5,928	9,311
Nonparalytic-----	125	246	5,135	10,006	5,420	10,296
Unspecified-----	57	194	2,310	6,546	2,509	6,855

EPIDEMIOLOGICAL REPORTS

Encephalitis

Dr. D. P. Conwell, Kentucky State Department of Health, has reported the occurrence of 18 cases, with 3 deaths, of encephalitis in 2 counties in the western part of the State. Of these, 14 were in persons 45 years of age and over. The earliest onset was August 30, 1956. In general the onsets were sudden with fever, severe headache, nausea, disorientation, and lethargy. Four of the cases do not fit completely into the clinical picture of the group but cannot be ruled out at this time. Sequelae on each case included tremors, speech hesitation, and loss of memory for recent events. Spinal punctures were not done, but blood specimens have been submitted to a laboratory for study. It was reported that mosquitoes were extremely numerous in the area. To date 101 cases, with 10 deaths, have been reported in the State. Of these, 20 were confirmed as St. Louis encephalitis by complement fixation titers of 1:8 or greater, or by paired sera showing a rise in titer. Laboratory tests are pending on 41 additional cases. Seventy-three of the cases have been in females and 28 in males. Only 2 cases are known to have occurred with onsets later than October 4.

Malaria

Dr. J. D. Martin, Louisiana State Department of Health, has reported 2 cases of malaria. One, *Plasmodium vivax*, was in a person who returned from Korea in December of 1955. This patient's illness was characterized by frequent attacks of chills, fever, headache, and muscular soreness. Just prior to admission to a hospital he had 2 chills daily. Treatment consisted of chloroquine and primaquine. The other case was in a

seaman who recently returned from West Africa. His symptoms were fever, shaking chills, headache, vomiting, diarrhea, backache, irritability, and weakness. Laboratory examination of material smears revealed the presence of *P. falciparum*.

Psittacosis

Dr. Mason Romaine, Virginia State Department of Health, has supplied additional information on the outbreak of psittacosis attributed to poultry. Preliminary information was given for the week ended September 22. Twenty of 30 employees on a duck farm have had illnesses suggestive of psittacosis. The first 3 cases were in contact with parakeets, none of which were available for laboratory tests. These cases and 1 additional have been confirmed by positive complement fixation titers of 1:16 or greater for psittacosis. Blood specimens from young ducks on the farm were negative, but of 20 specimens collected from breeder ducks, 15 were positive for the disease. The owner has instituted medical (aureomycin) feeding to the ducks. A sample of ducks before and after medication is to be submitted to the PHS virus laboratory for viral studies. All ducks killed at this farm are to be inspected and if any show signs of psittacosis infection, they are to be condemned.

Infectious hepatitis

Dr. A. M. Washburn, Arkansas State Board of Health, has reported 2 outbreaks of infectious hepatitis among students in 2 schools. One was in a rural school where approximately 12 cases have occurred. This outbreak may have resulted from contact with one of the teachers who had attended a summer school. She subsequently developed infectious hepatitis after she had returned to her school duties. The other outbreak was in a high school and affected for the most part members of the football squad. In this area the water supply has been consistently bad. The boys drank water from a hose on the practice field. Some subsequent cases have been reported among girls of similar age, with few adults involved. Because of consistently bad water samples from this supply an order has been issued that all drinking water should be boiled.

Dr. C. R. Hayman, Alaska Department of Health, has given preliminary information on an outbreak of infectious hepatitis in Barrow. Forty-one cases have been reported, all in children.

Gastro-enteritis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of gastro-enteritis following the ingestion of eclairs. Five persons from 3 families became ill with vomiting and diarrhea from 2 to 3 hours after consuming pastries from the same bakery. The bakery made the custard filling about 9:00 p.m. the day before and allowed it to cool all night on a work bench. In the morning the filling was stuffed by gun into the eclair shells. The finished products were placed in a sales counter at room temperature until sold during the day. The investigator found the custard gun badly eroded with food. Eclairs from the lot eaten by some of the patients yielded coagulase-positive *Staphylococcus aureus*, bacteriophage type 54.

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Dr. A. M. Washburn, Arkansas State Board of Health, has reported an outbreak of gastro-enteritis following an evening meal in a college. Approximately 40 students became ill during the night with nausea, vomiting, diarrhea, and cramps. Samples of meat loaf served at the meal yielded hemolytic staphylococci.

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis among students and faculty of a school. Of 475 persons served a noon meal, approximately 100

became ill from 3 to 4 hours later. Bacteriological examination of food items collected revealed no pathogenic organisms. However, some *Escherichia coli* and *Bacillus subtilis* were found. The kitchen was clean and orderly, but the lavatory was not. There was no soap and paper towels were not handy. It was recommended that soap be made available at once and that a paper towel dispenser be supplied for use with a minimum of effort.

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	43d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 27, 1956	Ended Oct. 29, 1955	Median 1951-55	First 43 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	34	24	28	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	12	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	30	25	---	902	1,072	---	---	---	---	---
Diphtheria-----055	20	68	68	1,152	1,389	1,843	326	680	791	July 1
Encephalitis, infectious-----082	63	27	35	1,876	1,323	1,323	1,247	763	763	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	357	438	---	16,386	27,469	---	---	---	---	---
Malaria-----110-117	3	4	---	211	416	---	(1)	(1)	(1)	(1)
Measles-----085	1,779	1,175	1,369	585,301	525,142	525,142	8,607	6,743	7,730	Sept. 1
Meningococcal infections-----057	42	57	83	2,265	2,916	3,488	300	345	449	Sept. 1
Meningitis, other-----340	36	---	---	1,296	---	---	---	---	---	---
Polio-myelitis-----080	322	746	903	13,857	26,462	32,220	12,790	25,399	30,639	Apr. 1
Psittacosis-----096.2	4	12	---	442	229	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	8	5	10	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	29	48	48	1,569	1,476	1,975	1,256	1,169	1,569	Apr. 1
Typhus fever, endemic-----101	-	1	---	91	114	---	(1)	(1)	(1)	(1)
Rabies in animals-----	68	70	116	4,025	4,346	5,947	273	311	448	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 29, 1955 AND OCTOBER 27, 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		43d. week		Cumulative first 43 weeks		082		43d week		Cumulative first 43 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	30	25	20	68	1,152	1,389	63	27	357	438	16,386	27,469
NEW ENGLAND-----	1	-	-	1	12	22	4	-	12	24	1,053	2,426
Maine-----	-	-	-	-	-	-	-	-	3	5	255	304
New Hampshire-----	-	-	-	-	1	-	-	-	-	1	31	70
Vermont-----	-	-	-	-	-	2	-	-	3	2	148	212
Massachusetts-----	1	-	-	1	11	20	3	-	4	4	267	850
Rhode Island-----	-	-	-	-	-	-	-	-	1	6	126	338
Connecticut-----	-	-	-	-	-	-	1	-	1	6	226	652
MIDDLE ATLANTIC-----	-	1	-	-	51	45	6	6	70	126	3,506	6,893
New York-----	-	-	-	-	18	26	6	6	37	55	1,854	3,748
New Jersey-----	-	-	-	-	14	6	-	-	9	12	330	441
Pennsylvania-----	-	1	-	-	19	13	-	-	24	59	1,322	2,704
EAST NORTH CENTRAL-----	5	2	2	5	190	119	5	6	89	54	2,478	3,860
Ohio-----	1	1	-	1	14	30	2	-	11	9	596	678
Indiana-----	-	-	1	-	89	34	1	2	4	4	341	541
Illinois-----	1	-	-	-	8	8	-	3	56	9	585	947
Michigan-----	3	-	1	4	77	44	2	1	9	14	672	1,103
Wisconsin-----	-	1	-	-	2	3	-	-	9	18	284	591
WEST NORTH CENTRAL-----	10	13	-	9	97	140	17	3	14	28	1,332	3,262
Minnesota-----	4	3	-	3	26	49	-	-	4	15	426	1,172
Iowa-----	-	5	-	1	17	6	-	-	6	6	342	890
Missouri-----	-	1	-	-	11	12	-	-	1	3	85	324
North Dakota-----	-	1	-	-	5	1	-	-	3	2	117	259
South Dakota-----	1	3	-	-	8	44	-	-	-	1	161	326
Nebraska-----	1	-	-	5	26	25	2	2	-	1	91	79
Kansas-----	4	-	-	-	4	3	15	1	-	-	110	212
SOUTH ATLANTIC-----	3	1	10	26	292	492	3	3	16	28	1,059	2,362
Delaware-----	-	-	-	-	-	1	-	-	-	-	30	45
Maryland-----	-	-	-	-	2	13	-	-	-	5	82	325
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	19	41
Virginia-----	2	1	-	4	26	29	-	-	9	10	422	967
West Virginia-----	-	-	-	-	7	16	1	-	1	4	57	232
North Carolina-----	1	-	4	2	48	71	-	3	2	5	113	307
South Carolina-----	-	-	2	7	69	161	1	-	1	-	58	71
Georgia-----	-	-	3	11	67	153	1	-	1	4	139	151
Florida-----	-	-	1	2	72	46	-	-	2	-	139	223
EAST SOUTH CENTRAL-----	3	3	4	12	165	286	7	1	26	37	1,430	1,479
Kentucky-----	-	-	-	1	11	43	3	-	5	7	440	280
Tennessee-----	2	2	-	2	20	36	2	-	8	14	595	573
Alabama-----	1	-	-	8	86	173	2	1	5	6	188	274
Mississippi-----	-	1	4	1	48	34	-	-	8	10	207	352
WEST SOUTH CENTRAL-----	5	2	3	14	265	228	10	-	22	36	1,190	1,611
Arkansas-----	3	1	-	-	20	9	-	-	6	3	128	208
Louisiana-----	2	-	1	2	29	31	-	-	7	2	122	116
Oklahoma-----	-	-	-	2	58	26	-	-	3	2	93	172
Texas-----	-	1	2	10	158	162	10	-	6	29	847	1,115
MOUNTAIN-----	2	1	-	1	27	16	-	2	27	41	1,426	2,103
Montana-----	-	-	-	-	3	3	-	-	1	11	345	343
Idaho-----	-	-	-	-	1	-	-	-	2	1	184	232
Wyoming-----	1	1	-	-	7	-	-	-	-	10	91	114
Colorado-----	-	-	-	3	-	-	-	2	6	8	325	445
New Mexico-----	-	-	-	1	5	4	-	-	6	4	124	315
Arizona-----	1	-	-	5	6	-	-	-	11	6	281	572
Utah-----	-	-	-	3	1	-	-	-	1	1	68	62
Nevada-----	-	-	-	-	2	-	-	-	-	-	8	20
PACIFIC-----	1	2	1	-	53	41	11	6	81	64	2,912	3,473
Washington-----	-	-	1	-	11	24	1	-	6	12	569	747
Oregon-----	-	1	-	-	11	-	-	-	12	12	584	959
California-----	1	1	-	-	31	17	10	6	63	40	1,759	1,767
Alaska-----	-	-	-	-	35	-	-	-	41	10	113	322
Hawaii-----	-	-	-	-	-	-	-	-	-	-	43	39
Puerto Rico-----	-	-	2	3	66	62	-	-	6	2	212	63

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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 29, 1955 AND OCTOBER 27, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	43d week		Cumulative first 43 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	322	746	13,857	26,462	140	306	125	246	3	4	1,779	1,175
NEW ENGLAND-----	3	146	239	5,137	-	62	3	47	1	-	59	31
Maine-----	-	7	21	181	-	2	-	5	-	-	19	2
New Hampshire-----	-	2	3	218	-	-	-	-	-	-	-	4
Vermont-----	-	4	21	115	-	2	-	2	-	-	5	13
Massachusetts-----	1	90	105	3,657	-	50	1	26	-	-	10	7
Rhode Island-----	-	18	9	361	-	1	-	1	-	-	-	-
Connecticut-----	2	25	80	605	-	7	2	13	1	-	25	5
MIDDLE ATLANTIC-----	24	121	1,090	3,867	8	37	6	39	-	-	278	172
New York-----	13	94	712	2,531	7	35	5	31	-	-	136	83
New Jersey-----	2	13	201	638	1	2	1	8	-	-	56	13
Pennsylvania-----	9	14	177	698	-	-	-	-	-	-	86	76
EAST NORTH CENTRAL-----	64	172	3,800	6,330	27	61	20	52	-	-	343	187
Ohio-----	11	43	566	1,176	5	6	1	5	-	-	27	23
Indiana-----	6	12	344	392	5	6	-	4	-	-	75	17
Illinois-----	18	32	1,773	1,297	6	14	7	11	-	-	38	58
Michigan-----	12	18	619	1,134	6	8	4	9	-	-	118	59
Wisconsin-----	17	67	498	2,331	5	27	8	23	-	-	85	30
WEST NORTH CENTRAL-----	29	35	1,595	1,982	5	14	17	17	-	-	134	45
Minnesota-----	5	10	193	558	2	7	3	3	-	-	29	8
Iowa-----	13	10	604	520	1	2	11	7	-	-	93	6
Missouri-----	5	5	390	235	1	1	2	3	-	-	3	1
North Dakota-----	-	-	32	59	-	-	-	-	-	-	7	17
South Dakota-----	-	-	33	75	-	-	-	-	-	-	2	10
Nebraska-----	2	7	162	270	-	3	1	3	-	-	-	-
Kansas-----	4	3	181	265	1	1	-	1	-	-	-	3
SOUTH ATLANTIC-----	41	54	1,339	2,203	14	25	19	19	-	-	132	103
Delaware-----	1	-	27	55	-	-	1	-	-	-	3	1
Maryland-----	5	10	91	250	3	8	2	2	-	-	3	13
District of Columbia-----	-	1	9	46	-	1	-	-	-	-	1	3
Virginia-----	4	6	210	305	4	1	-	4	-	-	28	9
West Virginia-----	-	4	102	172	-	2	-	2	-	-	34	59
North Carolina-----	12	13	288	403	5	6	6	7	-	-	15	-
South Carolina-----	2	13	101	288	1	4	-	2	-	-	11	8
Georgia-----	3	3	184	245	1	2	1	1	-	-	15	8
Florida-----	14	4	327	439	-	1	9	1	-	-	22	2
EAST SOUTH CENTRAL-----	20	16	613	947	10	8	10	5	-	-	405	75
Kentucky-----	10	7	164	386	5	3	5	3	-	-	97	51
Tennessee-----	1	1	116	226	-	-	1	1	-	-	260	14
Alabama-----	-	4	77	165	-	3	-	1	-	-	47	7
Mississippi-----	9	4	256	170	5	2	4	-	-	-	1	3
WEST SOUTH CENTRAL-----	52	67	2,160	2,562	34	33	17	21	2	3	128	90
Arkansas-----	10	3	182	176	8	3	1	-	-	-	9	6
Louisiana-----	11	9	589	353	4	4	7	5	1	-	1	-
Oklahoma-----	-	4	194	270	-	2	-	-	-	-	-	7
Texas-----	31	51	1,195	1,763	22	24	9	16	1	3	118	77
MOUNTAIN-----	23	27	711	986	9	9	3	3	-	-	126	250
Montana-----	2	7	38	134	2	5	-	-	-	-	12	173
Idaho-----	-	1	99	232	-	-	-	-	-	-	13	9
Wyoming-----	1	1	30	33	1	-	-	-	-	-	-	26
Colorado-----	3	2	135	204	3	2	-	-	-	-	8	10
New Mexico-----	3	2	70	118	2	1	1	-	-	-	27	12
Arizona-----	3	4	118	118	1	1	2	3	-	-	5	16
Utah-----	10	7	187	74	-	-	-	-	-	-	59	4
Nevada-----	1	3	34	73	-	-	-	-	-	-	2	-
PACIFIC-----	66	108	2,310	2,448	33	57	30	43	-	1	174	222
Washington-----	4	26	175	415	1	12	-	7	-	-	40	45
Oregon-----	7	22	149	336	2	13	5	8	-	-	16	24
California-----	55	60	1,986	1,697	30	32	25	28	-	1	118	153
Alaska-----	-	1	12	57	-	1	-	-	-	-	13	8
Hawaii-----	1	16	66	115	-	10	1	6	-	-	225	5
Puerto Rico-----	1	-	48	442	1	-	-	-	-	1	39	33

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

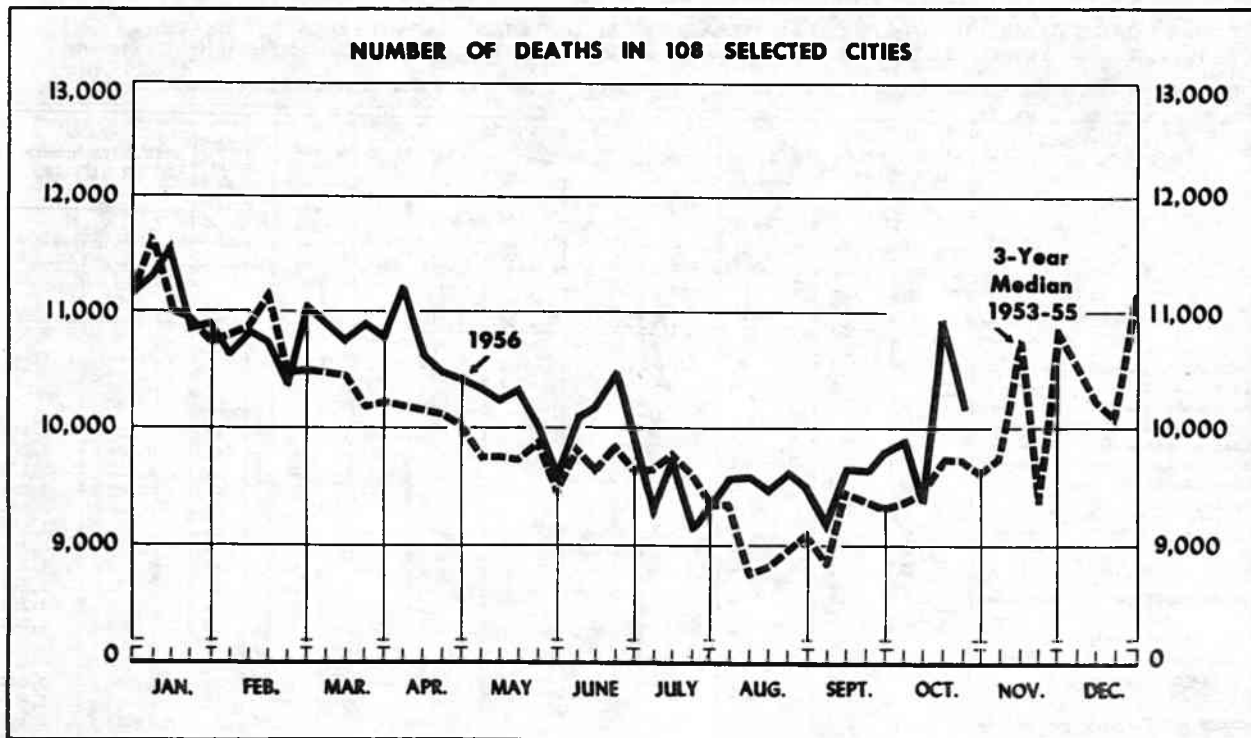
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 29, 1955 AND OCTOBER 27, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENIN- GITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		43d week		Cumulative first 43 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	42	57	36	4	12	29	48	1,569	1,476	-	68	70
NEW ENGLAND-----	2	3	6	-	-	1	2	51	32	-	-	-
Maine-----	-	-	2	-	-	1	-	15	6	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	1	2	3	-	-	-	-	17	12	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	6	2	-	-	-
Connecticut-----	1	-	-	-	-	-	2	12	11	-	-	-
MIDDLE ATLANTIC-----	7	12	-	1	1	-	7	195	156	-	10	8
New York-----	4	5	-	1	-	-	3	58	38	-	10	8
New Jersey-----	-	1	-	1	1	-	1	30	24	-	-	-
Pennsylvania-----	3	6	-	-	-	-	3	107	94	-	-	-
EAST NORTH CENTRAL-----	12	22	3	-	3	1	6	210	145	-	14	1
Ohio-----	1	5	-	-	-	-	3	55	66	-	8	-
Indiana-----	-	9	2	-	-	1	1	29	19	-	4	1
Illinois-----	3	4	1	-	2	-	1	35	32	-	-	-
Michigan-----	5	4	-	-	-	-	1	49	22	-	2	-
Wisconsin-----	3	-	-	1	-	-	-	42	6	-	-	-
WEST NORTH CENTRAL-----	1	3	1	1	4	1	3	181	84	-	8	5
Minnesota-----	-	1	-	-	2	-	-	37	6	-	4	3
Iowa-----	-	1	1	1	2	-	-	56	22	-	1	-
Missouri-----	1	-	-	-	-	-	3	54	45	-	-	2
North Dakota-----	-	1	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	5	-	-	-
Nebraska-----	-	-	-	-	-	-	-	12	4	-	1	-
Kansas-----	-	-	-	-	-	1	-	13	2	-	-	-
SOUTH ATLANTIC-----	10	5	14	-	-	7	7	259	274	-	9	26
Delaware-----	-	-	-	-	-	-	-	3	2	-	-	-
Maryland-----	1	3	-	-	-	-	-	17	20	-	-	-
District of Columbia-----	-	-	4	-	-	-	-	12	6	-	-	-
Virginia-----	4	-	5	-	-	4	1	54	43	-	3	14
West Virginia-----	2	1	-	-	-	1	1	23	33	-	-	4
North Carolina-----	1	-	-	-	-	-	3	25	30	-	-	-
South Carolina-----	-	-	1	-	-	1	1	27	47	-	1	5
Georgia-----	2	1	4	-	-	1	1	49	43	-	4	3
Florida-----	-	-	-	-	-	-	-	49	50	-	1	-
EAST SOUTH CENTRAL-----	6	5	3	-	-	7	6	203	229	-	17	12
Kentucky-----	3	2	-	-	-	-	1	40	101	-	6	6
Tennessee-----	-	-	2	-	-	3	3	75	71	-	1	2
Alabama-----	3	2	-	-	-	2	1	25	37	-	10	1
Mississippi-----	-	1	1	-	-	2	1	63	20	-	-	3
WEST SOUTH CENTRAL-----	1	4	2	1	-	5	10	295	354	-	6	8
Arkansas-----	-	-	-	-	-	1	5	67	70	-	1	1
Louisiana-----	1	1	-	-	-	-	1	41	74	-	5	-
Oklahoma-----	-	3	1	-	-	2	1	46	49	-	-	-
Texas-----	-	-	1	1	-	2	3	141	161	-	-	7
MOUNTAIN-----	2	1	5	-	-	3	2	70	107	-	-	-
Montana-----	-	-	1	-	-	-	-	3	5	-	-	-
Idaho-----	1	-	-	-	-	-	-	3	11	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	1	1	3	-	-	3	-	20	12	-	-	-
New Mexico-----	-	-	1	-	-	-	2	17	52	-	-	-
Arizona-----	-	-	-	-	-	-	-	22	17	-	-	-
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	1	2	2	1	4	4	5	105	95	-	4	10
Washington-----	-	1	1	-	1	-	1	3	2	-	-	-
Oregon-----	-	-	1	-	-	-	-	13	12	-	-	-
California-----	1	1	-	1	3	4	4	89	81	-	4	10
Alaska-----	-	1	-	-	-	-	-	1	4	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	1	-	-	1	2	71	44	-	3	-



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	43d week ended Oct. 27, 1956	42d week ended Oct. 20, 1956	43d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 43 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	9,854	10,621	9,486	+3.9	428,282	421,313	+1.7
New England----- (14 cities)	659	717	666	-1.1	28,838	29,163	-1.1
Middle Atlantic----- (16 cities)	2,871	3,213	2,821	+1.8	123,435	123,078	+0.3
East North Central----- (18 cities)	2,255	2,332	2,141	+5.3	96,073	94,772	+1.4
West North Central----- (9 cities)	699	789	721	-3.1	31,511	30,868	+2.1
South Atlantic----- (9 cities)	788	813	739	+6.6	34,138	32,587	+4.8
East South Central----- (6 cities)	306	288	286	+7.0	14,176	14,288	-0.8
West South Central----- (12 cities)	760	821	749	+1.5	35,063	32,721	+7.2
Mountain----- (8 cities)	248	257	235	+5.5	10,490	10,139	+3.5
Pacific----- (12 cities)	1,268	1,391	1,202	+5.5	54,558	53,697	+1.6

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 27, 1956

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

CITY	43d week ended Oct. 27, 1956	42d week ended Oct. 20, 1956	CUMULATIVE NUMBER FIRST 43 WEEKS		CITY	43d week ended Oct. 27, 1956	42d week ended Oct. 20, 1956	CUMULATIVE NUMBER FIRST 43 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	224	224	9,713	9,952	St. Louis, Mo.-----	234	264	9,933	9,350
Bridgeport, Conn.-----	30	36	1,580	1,581	St. Paul, Minn.-----	56	72	2,817	2,739
Cambridge, Mass.-----	30	33	1,259	1,244	Wichita, Kans.-----	50	51	1,770	1,636
Fall River, Mass.-----	22	42	1,174	1,180	SOUTH ATLANTIC				
Hartford, Conn.-----	43	58	2,034	1,919	Atlanta, Ga.-----	93	98	4,620	4,414
Lowell, Mass.-----	25	25	1,016	1,083	Baltimore, Md.-----	248	246	9,894	9,572
Lynn, Mass.-----	19	22	885	942	Charlotte, N. C.-----	34	18	1,316	1,176
New Bedford, Mass.-----	31	28	981	1,033	Jacksonville, Fla.-----	(60)	(49)	(2,182)	(2,044)
New Haven, Conn.-----	44	41	1,929	1,823	Miami, Fla.-----	54	55	2,158	2,269
Providence, R. I.-----	48	57	2,635	2,708	Norfolk, Va.-----	40	24	1,386	1,340
Somerville, Mass.-----	12	17	659	640	Richmond, Va.-----	53	74	2,987	2,711
Springfield, Mass.-----	45	48	1,766	1,789	Savannah, Ga.-----	(38)	(27)	(1,219)	(1,209)
Waterbury, Conn.-----	25	28	1,074	1,072	Tampa, Fla.-----	47	56	2,472	2,298
Worcester, Mass.-----	61	58	2,133	2,197	Washington, D. C.-----	185	189	7,810	7,503
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany, N. Y.-----	41	64	2,092	2,043	Birmingham, Ala.-----	73	61	3,239	3,244
Allentown, Pa.-----	---	(37)	---	(1,542)	Chattanooga, Tenn.-----	54	31	1,798	1,855
Buffalo, N. Y.-----	148	161	6,076	5,802	Knoxville, Tenn.-----	16	33	1,424	1,444
Camden, N. J.-----	40	46	1,663	1,569	Louisville, Ky.-----	---	(77)	---	(4,432)
Elizabeth, N. J.-----	23	25	1,177	1,124	Memphis, Tenn.-----	96	84	4,189	4,219
Erie, Pa.-----	23	36	1,404	1,472	Mobile, Ala.-----	(31)	---	---	(1,220)
Jersey City, N. J.-----	55	68	2,981	2,956	Montgomery, Ala.-----	23	29	1,222	1,111
Newark, N. J.-----	107	132	4,136	4,270	Nashville, Tenn.-----	44	50	2,304	2,415
New York City, N. Y.-----	1,521	1,694	66,302	66,534	WEST SOUTH CENTRAL				
Paterson, N. J.-----	37	53	1,580	1,583	Austin, Tex.-----	22	26	1,173	1,088
Philadelphia, Pa.-----	480	539	20,382	20,316	Baton Rouge, La.-----	---	(31)	---	(892)
Pittsburgh, Pa.-----	177	189	7,743	7,536	Corpus Christi, Tex.-----	---	25	842	746
Reading, Pa.-----	(24)	(20)	(920)	(973)	Dallas, Tex.-----	125	120	4,599	4,141
Rochester, N. Y.-----	---	(130)	---	(3,989)	El Paso, Tex.-----	24	23	1,155	1,212
Schenectady, N. Y.-----	25	26	950	965	Fort Worth, Tex.-----	44	55	2,484	2,322
Scranton, Pa.-----	(33)	---	---	(1,428)	Houston, Tex.-----	141	144	5,770	5,337
Syracuse, N. Y.-----	66	66	2,498	2,343	Little Rock, Ark.-----	27	44	1,977	1,912
Trenton, N. J.-----	49	48	1,875	2,047	New Orleans, La.-----	154	155	6,771	6,376
Utica, N. Y.-----	38	43	1,308	1,305	Oklahoma City, Okla.-----	47	71	2,674	2,425
Yonkers, N. Y.-----	41	23	1,268	1,213	San Antonio, Tex.-----	76	77	3,731	3,616
EAST NORTH CENTRAL					SHREVEPORT, LA.				
Akron, Ohio-----	65	64	2,239	2,230	Shreveport, La.-----	52	37	1,940	1,660
Canton, Ohio-----	26	39	1,196	1,161	Tulsa, Okla.-----	30	44	1,947	1,886
Chicago, Ill.-----	715	768	31,280	30,945	MOUNTAIN				
Cincinnati, Ohio-----	145	152	6,467	6,316	Albuquerque, N. Mex.-----	29	32	985	975
Cleveland, Ohio-----	232	204	8,747	8,432	Colorado Springs, Colo.-----	14	13	563	547
Columbus, Ohio-----	110	128	4,570	4,540	Denver, Colo.-----	97	107	4,618	4,584
Dayton, Ohio-----	75	59	2,791	2,768	Ogden, Utah-----	11	10	526	475
Detroit, Mich.-----	307	235	13,523	13,808	Phoenix, Ariz.-----	37	22	1,104	1,034
Evansville, Ind.-----	32	35	1,418	1,353	Pueblo, Colo.-----	14	10	523	538
Flint, Mich.-----	38	45	1,647	1,574	Salt Lake City, Utah-----	37	51	1,900	1,795
Fort Wayne, Ind.-----	44	37	1,523	1,451	Tucson, Ariz.-----	9	12	271	191
Gary, Ind.-----	(38)	(25)	(1,220)	(1,175)	PACIFIC				
Grand Rapids, Mich.-----	30	41	1,751	1,775	Berkeley, Calif.-----	7	14	694	757
Indianapolis, Ind.-----	126	152	4,987	4,668	Long Beach, Calif.-----	60	54	2,245	2,082
Milwaukee, Wis.-----	129	149	5,334	5,297	Los Angeles, Calif.-----	449	493	19,880	19,547
Peoria, Ill.-----	20	32	1,236	1,249	Oakland, Calif.-----	96	94	3,880	3,679
South Bend, Ind.-----	22	34	1,042	1,067	Pasadena, Calif.-----	38	31	1,493	1,563
Toledo, Ohio-----	101	105	4,003	3,958	Portland, Oreg.-----	101	75	4,028	3,994
Youngstown, Ohio-----	38	53	2,319	2,180	Sacramento, Calif.-----	47	58	2,045	2,091
WEST NORTH CENTRAL					SAN DIEGO, CALIF.				
Des Moines, Iowa-----	42	42	2,119	2,206	San Diego, Calif.-----	61	78	3,163	3,129
Duluth, Minn.-----	27	22	1,116	1,083	San Francisco, Calif.-----	179	255	8,155	7,861
Kansas City, Kans.-----	23	26	1,302	1,467	Seattle, Wash.-----	130	142	5,372	5,462
Kansas City, Mo.-----	89	116	4,617	4,625	Spokane, Wash.-----	55	61	1,979	1,942
Minneapolis, Minn.-----	111	132	5,061	5,014	Tacoma, Wash.-----	45	36	1,624	1,590
Omaha, Nebr.-----	67	64	2,776	2,748	Honolulu, Hawaii-----	(30)	(35)	(1,477)	(1,522)

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

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