

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 6, 1954

Of the 47 cases of brucellosis reported this week, 15 were in Minnesota. Only 2 cases were reported in this State for the previous week.

For the current week, a total of 2,222 cases of measles was reported as compared with 1,753 for the corresponding week of 1953. The cumulative total for the year to date is 642,018 as compared with 420,968 for the corresponding period of last year. In 1952, which was considered a "measles year," the corresponding total was 649,732.

An increase in the incidence of measles was reported in Puerto Rico—from 36 cases last week to 116 for the current week. Since the first of the year, 3,678 cases have been reported on the Island as compared with 1,663 for the corresponding period of 1953.

A total of 1,841 cases of scarlet fever and streptococcal sore throat was reported for the current week. This represents an increase of about 20 percent over the number (1,525) reported for the previous week. The total for the current week is about the same as that (1,813) for the corresponding week of 1953. However, the cumulative total (126,629) for the year to date is 11,248 more than the corresponding total for 1953.

EPIDEMIOLOGICAL REPORTS

Brucellosis

Dr. Angelo Perri, Philadelphia Department of Public Health, reports a case of brucellosis in an employee of a local abattoir. The patient frequently comes in contact with abdominal fluids, sex organs, and urine from slaughtered animals. During the course of his work, he constantly receives cuts, scratches, and bruises. The illness was characterized by headache, chills, night sweats, low fever at night, muscle aches and pains, and lack of energy. The agglutination test on a blood specimen showed a titer of 1:640. It was stated that the patient had drunk no raw milk.

Typhoid fever

The California Department of Public Health has reported a case of typhoid fever in a woman who lived in Italy for about 18 months. She returned by ship to New York City and by train across the United States. Several persons were ill during the voy-

age, but the nature of their illness was unknown to the patient. She traveled alone and shared a cabin with an Italian girl. About 500 displaced persons were on board the ship. Salmonella typhosa, phage D₁, was isolated from blood specimens collected about a week after the patient arrived in California, and 11 days after she arrived in New York City.

Shigellosis

Dr. M. D. Keller, Ohio Department of Health, reports an outbreak of gastro-enteritis among 263 children in a school. About 51 percent of these illnesses were characterized by fever, chills, nausea, vomiting, and diarrhea. Stool cultures were obtained by rectal swabs from 241 of the children during the first 5 days after onset of the disease. Of the cultures obtained, 45 percent showed Shigella sonnei, type I. Food served in the school was suspected to be the vehicle of infection and potato salad was indirectly implicated. None of the salad was available for bacteriological examination. Other suspected foods served failed to show the offending organism. Among those who ate the school lunch, 65 percent became ill; while only 3 became ill among the 30 students who did not eat the lunch.

A custodian who had access to the school kitchen may be a carrier. A year prior to this outbreak, he was working in another school where there was an outbreak of an acute diarrheal disease. At that time, he was ill with diarrhea, nausea, vomiting, and fever. Since then he has suffered with occasional abdominal distress and diarrhea. Although he was not ill during the present outbreak, his stool specimen was positive for S. sonnei, type I.

Gastro-enteritis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, reports an outbreak of gastro-enteritis among 147 members of a private club who attended a banquet. Of these, approximately 100 became ill with abdominal cramps and diarrhea from 7 to 14 hours later. The meal consisted of fruit cocktail, mixed salad, roast turkey, dressing, giblet gravy, mashed potatoes, wax beans, ice cream, and cake. None of these foods were available for bacteriological examination. Stool specimens from 6 patients and the food handler were negative for pathogenic organisms.

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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	44th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 6, 1954	Ended Nov. 7, 1953	Median 1949-53	First 44 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	1	18	28	40	(1)	(1)	(1)	(1)
Botulism-----049.1	2	1	---	13	19	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	47	41	---	1,463	1,568	---	(1)	(1)	(1)	(1)
Diphtheria-----055	83	101	138	1,630	1,944	3,358	758	892	1,388	July 1
Encephalitis, infectious-----082	31	18	18	1,707	992	902	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	688	612	---	43,986	27,532	---	(1)	(1)	(1)	(1)
Malaria-----110-117	12	18	---	642	1,319	---	(1)	(1)	(1)	(1)
Measles-----085	2,222	1,753	1,359	642,018	420,968	480,331	14,190	10,290	8,504	Sept. 1
Meningococcal infections-----057	56	85	76	3,544	4,426	3,495	528	661	576	Sept. 1
Polioyelitis-----080	955	702	879	35,362	32,922	32,922	33,809	31,341	31,341	Apr. 1
Psittacosis-----096.2	-	2	---	414	47	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	1	1	6	12	10	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	2	2	2	280	287	320	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,841	1,813	988	126,629	115,381	64,234	18,888	15,774	7,054	Aug. 1
Smallpox-----084	-	-	-	-	4	15	(1)	(1)	(1)	(1)
Trichinosis-----128	3	2	---	216	331	---	(1)	(1)	(1)	(1)
Tularemia-----059	8	2	8	508	461	559	(1)	(1)	(1)	(1)
Typhoid fever-----040	65	53	40	2,040	2,040	2,174	1,630	1,735	1,771	Apr. 1
Typhus fever, endemic-----101	3	1	---	163	213	---	129	173	---	Apr. 1
Whooping cough-----056	1,290	740	1,219	49,889	30,861	53,755	6,128	3,642	4,908	Oct. 1
Rabies in animals-----	102	159	---	5,910	6,296	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.

²Reported in California. Preliminary information was given under Epidemiological Reports for week ended October 23.

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 Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, 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.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 7, 1953, AND NOVEMBER 6, 1954

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

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MALARIA (110-117)			
	1954	1953	1954	1953	1954	1953	1954	1953	Civilian ¹		Military	
									1954	1953	1954	1953
CONT. UNITED STATES-----	47	41	83	101	31	18	688	612	8	4	4	14
NEW ENGLAND-----	1	2	1	1	1	-	92	31	-	1	-	-
Maine-----	-	-	-	-	-	-	19	10	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	1	-	-	-	-
Vermont-----	1	-	1	-	-	-	6	1	-	-	-	-
Massachusetts-----	-	1	-	1	1	-	34	15	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	14	-	-	-	-	-
Connecticut-----	-	1	-	-	-	-	18	4	-	1	-	-
MIDDLE ATLANTIC-----	3	2	1	7	4	3	200	109	1	-	1	2
New York-----	1	-	1	-	4	3	106	86	1	-	-	2
New Jersey-----	-	-	-	-	-	-	5	4	-	-	1	-
Pennsylvania-----	2	2	-	7	-	-	89	19	-	-	-	-
EAST NORTH CENTRAL-----	8	16	9	2	2	5	56	89	2	1	-	1
Ohio-----	-	-	-	-	-	-	9	11	2	1	-	-
Indiana-----	-	8	-	1	-	-	28	28	-	-	-	-
Illinois-----	3	1	1	-	1	4	1	23	-	-	-	-
Michigan-----	4	1	8	1	1	1	12	17	-	-	-	1
Wisconsin-----	1	6	-	-	-	-	6	10	-	-	-	-
WEST NORTH CENTRAL-----	25	13	8	3	7	1	75	52	-	-	-	-
Minnesota-----	15	3	1	-	1	-	35	26	-	-	-	-
Iowa-----	6	8	-	1	-	-	31	16	-	-	-	-
Missouri-----	3	1	1	1	-	-	3	2	-	-	-	-
North Dakota-----	-	-	-	-	1	1	2	3	-	-	-	-
South Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	-	-	6	-	-	-	2	1	-	-	-	-
Kansas-----	1	1	-	-	5	-	2	4	-	-	-	-
SOUTH ATLANTIC-----	2	2	29	55	2	3	75	140	-	1	2	4
Delaware-----	-	-	-	-	-	-	10	-	-	-	-	-
Maryland-----	-	-	-	-	-	1	7	3	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	-	-
Virginia-----	-	2	2	2	2	-	30	84	-	-	1	-
West Virginia-----	-	-	-	-	-	-	3	21	-	-	-	-
North Carolina-----	-	-	4	4	-	1	12	20	-	-	-	2
South Carolina-----	-	-	7	6	-	-	2	-	-	1	-	1
Georgia-----	1	-	12	33	-	1	4	7	-	-	1	1
Florida-----	1	-	4	10	-	-	6	5	-	-	-	-
EAST SOUTH CENTRAL-----	1	2	18	16	-	1	48	62	-	-	-	-
Kentucky-----	-	2	-	2	-	-	5	14	-	-	-	-
Tennessee-----	1	-	8	-	-	1	23	6	-	-	-	-
Alabama-----	-	-	9	9	-	-	8	4	-	-	-	-
Mississippi-----	-	-	1	5	-	-	12	38	-	-	-	-
WEST SOUTH CENTRAL-----	4	3	15	14	3	5	36	35	3	-	-	2
Arkansas-----	1	-	1	1	-	-	5	1	-	-	-	-
Louisiana-----	1	-	10	2	-	-	7	-	-	-	-	2
Oklahoma-----	1	1	2	5	1	-	1	2	-	-	-	-
Texas-----	1	2	2	6	2	5	23	32	3	-	-	-
MOUNTAIN-----	2	-	1	-	3	-	59	12	2	1	-	-
Montana-----	-	-	-	-	-	-	5	-	1	-	-	-
Idaho-----	1	-	-	-	-	-	21	2	-	-	-	-
Wyoming-----	-	-	-	-	-	-	1	-	-	1	-	-
Colorado-----	-	-	-	-	2	-	3	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	6	-	-	-	-	-
Arizona-----	1	-	1	-	-	-	19	4	-	-	-	-
Utah-----	-	-	-	-	1	-	4	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	1	1	3	9	-	47	82	-	-	1	5
Washington-----	-	1	-	-	-	-	6	16	-	-	-	-
Oregon-----	-	-	-	-	1	-	17	22	-	-	-	-
California-----	1	-	1	3	8	-	24	44	-	-	1	5
Alaska-----	-	-	-	-	-	-	15	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	1	-	-	-	-	-
Puerto Rico-----	-	-	5	5	-	-	3	-	-	-	-	-

¹Includes cases not specified as civilian or military.

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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 NOVEMBER 7, 1953, AND NOVEMBER 6, 1954—Continued

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

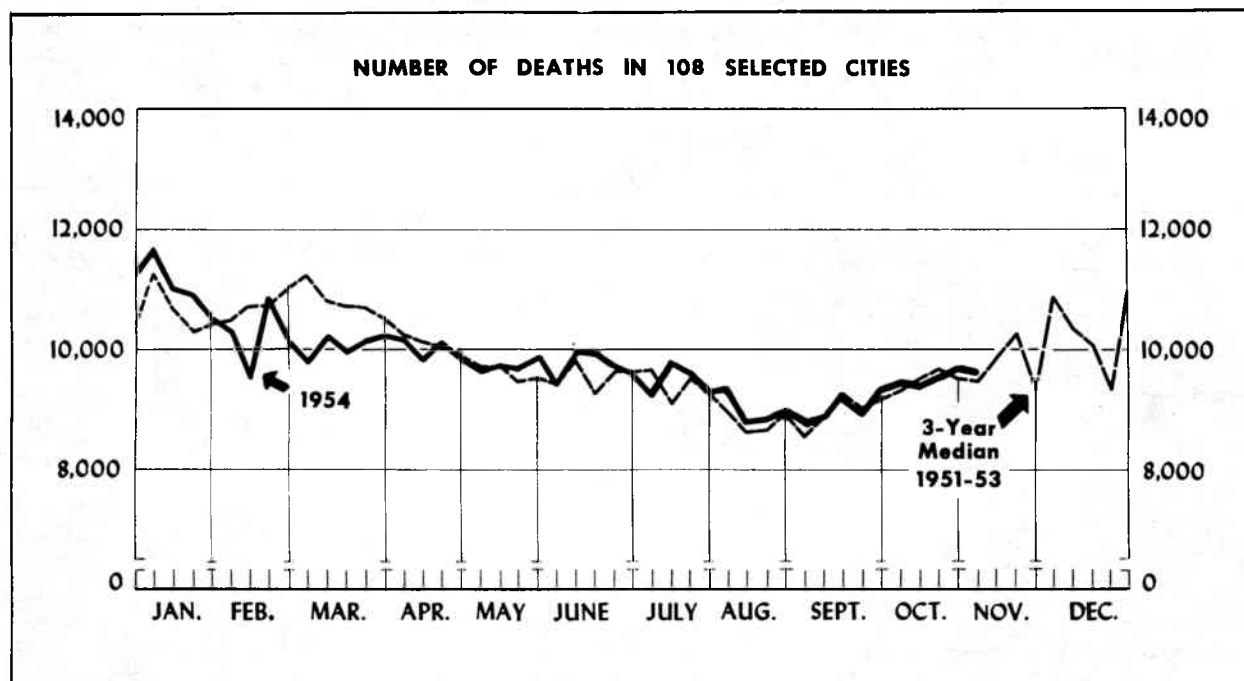
AREA	MEASLES		MENINGO- COCCAL INFECTIONS		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER	
	(085)		(057)		Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		(104A)	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	2,222	1,753	56	85	955	702	370	262	219	155	2	2
NEW ENGLAND-----	603	92	4	-	76	52	17	16	26	13	-	-
Maine-----	100	71	1	-	1	2	1	2	-	-	-	-
New Hampshire-----	28	1	2	-	4	1	-	-	-	-	-	-
Vermont-----	109	10	-	-	1	11	-	4	1	2	-	-
Massachusetts-----	286	9	1	-	38	15	8	2	19	5	-	-
Rhode Island-----	15	-	-	-	4	12	-	3	-	1	-	-
Connecticut-----	65	1	-	-	28	11	8	5	6	5	-	-
MIDDLE ATLANTIC-----	451	242	10	19	201	125	71	35	24	10	1	-
New York-----	233	90	2	7	111	83	48	28	11	5	1	-
New Jersey-----	117	15	4	5	37	12	23	7	13	5	-	-
Pennsylvania-----	101	137	4	7	53	30	-	-	-	-	-	-
EAST NORTH CENTRAL-----	281	414	10	14	191	142	58	50	32	26	-	-
Ohio-----	20	38	3	6	53	51	8	14	8	9	-	-
Indiana-----	12	67	1	1	28	7	9	-	1	-	-	-
Illinois-----	42	55	3	4	34	21	11	10	4	3	-	-
Michigan-----	167	153	2	3	45	46	20	26	13	14	-	-
Wisconsin-----	40	101	1	-	31	17	10	-	6	-	-	-
WEST NORTH CENTRAL-----	164	66	8	4	84	88	25	30	19	11	-	-
Minnesota-----	64	3	-	-	9	43	2	12	5	6	-	-
Iowa-----	10	39	-	-	28	11	7	6	13	4	-	-
Missouri-----	4	2	1	2	17	12	8	4	1	1	-	-
North Dakota-----	76	12	-	-	3	3	-	2	-	-	-	-
South Dakota-----	1	-	6	-	6	5	-	-	-	-	-	-
Nebraska-----	1	6	-	2	9	1	2	1	-	-	-	-
Kansas-----	8	4	1	-	12	13	6	5	-	-	-	-
SOUTH ATLANTIC-----	148	137	6	17	112	83	57	35	27	26	-	1
Delaware-----	-	-	-	-	1	-	1	-	-	-	-	-
Maryland-----	5	17	1	1	6	12	2	6	4	6	-	1
District of Columbia-----	1	3	-	4	2	-	2	-	-	-	-	-
Virginia-----	13	7	-	2	16	20	14	11	2	8	-	-
West Virginia-----	112	63	1	-	5	8	3	4	1	1	-	-
North Carolina-----	2	30	1	1	10	17	6	6	1	6	-	-
South Carolina-----	1	2	-	2	2	2	1	1	1	-	-	-
Georgia-----	6	-	3	3	16	6	4	4	4	1	-	-
Florida-----	8	15	-	4	54	18	24	3	14	4	-	-
EAST SOUTH CENTRAL-----	36	55	10	10	47	29	19	15	12	3	1	-
Kentucky-----	4	22	2	3	20	11	10	10	8	1	-	-
Tennessee-----	21	19	5	3	14	12	8	5	3	2	-	-
Alabama-----	6	8	3	3	5	2	1	-	1	-	-	-
Mississippi-----	5	8	-	1	8	4	-	-	-	-	1	-
WEST SOUTH CENTRAL-----	149	138	6	7	69	33	31	15	23	10	-	-
Arkansas-----	21	8	2	-	9	3	8	3	1	-	-	-
Louisiana-----	7	12	1	2	3	5	2	2	1	3	-	-
Oklahoma-----	3	2	-	-	7	6	-	-	3	1	-	-
Texas-----	118	116	3	5	50	19	21	10	18	6	-	-
MOUNTAIN-----	112	167	-	3	44	11	13	2	9	-	-	1
Montana-----	4	13	-	-	5	2	2	2	-	-	-	-
Idaho-----	2	14	-	-	1	3	-	-	-	-	-	-
Wyoming-----	2	16	-	-	5	-	-	-	2	-	-	-
Colorado-----	37	33	-	2	6	-	3	-	2	-	-	-
New Mexico-----	14	6	-	-	5	1	4	-	-	-	-	-
Arizona-----	31	6	-	1	7	1	4	-	3	-	-	-
Utah-----	22	79	-	-	14	4	-	-	-	-	-	1
Nevada-----	-	-	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	278	442	2	11	131	139	79	64	47	56	-	-
Washington-----	79	158	-	1	12	14	11	-	-	-	-	-
Oregon-----	67	34	-	1	25	16	12	8	9	4	-	-
California-----	132	250	2	9	94	109	56	56	38	52	-	-
Alaska-----	1	42	-	-	7	-	3	-	4	-	-	-
Hawaii-----	15	-	-	-	1	-	1	-	-	-	-	-
Puerto Rico-----	116	24	-	-	-	1	-	1	-	-	-	-

²Includes 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 NOVEMBER 7, 1953, AND NOVEMBER 6, 1954--Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,841	1,813	3	8	2	65	53	3	1,290	740	102	159
NEW ENGLAND-----	71	151	-	-	-	1	1	-	195	73	-	-
Maine-----	17	12	-	-	-	-	-	-	11	-	-	-
New Hampshire-----	3	57	-	-	-	-	-	-	-	-	-	-
Vermont-----	2	2	-	-	-	-	-	-	16	23	-	-
Massachusetts-----	35	45	-	-	-	-	-	-	45	36	-	-
Rhode Island-----	4	18	-	-	-	-	-	-	36	1	-	-
Connecticut-----	10	17	-	-	-	1	1	-	87	13	-	-
MIDDLE ATLANTIC-----	69	153	3	-	-	4	3	-	182	204	13	13
New York-----	28	83	3	-	-	-	3	-	73	109	13	12
New Jersey-----	14	17	-	-	-	-	-	-	24	13	-	-
Pennsylvania-----	27	53	-	-	-	4	-	-	85	82	-	1
EAST NORTH CENTRAL-----	241	313	-	-	-	10	12	-	347	124	7	23
Ohio-----	27	91	-	-	-	5	5	-	57	30	3	-
Indiana-----	37	74	-	-	-	3	2	-	32	39	4	9
Illinois-----	37	38	-	-	-	-	3	-	30	6	-	8
Michigan-----	30	62	-	-	-	2	2	-	125	43	-	6
Wisconsin-----	110	48	-	-	-	-	-	-	103	6	-	-
WEST NORTH CENTRAL-----	80	72	-	-	-	3	3	-	105	40	12	13
Minnesota-----	40	18	-	-	-	-	1	-	63	2	3	4
Iowa-----	14	11	-	-	-	1	1	-	13	37	5	1
Missouri-----	3	20	-	-	-	1	-	-	22	-	4	7
North Dakota-----	15	5	-	-	-	-	-	-	2	-	-	-
South Dakota-----	1	1	-	-	-	-	-	-	3	-	-	1
Nebraska-----	1	10	-	-	-	-	-	-	-	-	-	-
Kansas-----	6	7	-	-	-	-	1	-	2	1	-	-
SOUTH ATLANTIC-----	176	187	-	-	1	18	7	-	99	140	33	29
Delaware-----	1	2	-	-	-	-	-	-	1	-	-	-
Maryland-----	8	10	-	-	-	-	2	-	14	10	-	-
District of Columbia-----	3	4	-	-	-	-	1	-	4	1	-	-
Virginia-----	51	76	-	-	-	2	3	-	17	9	13	6
West Virginia-----	6	15	-	-	-	4	-	-	19	12	7	13
North Carolina-----	29	39	-	-	1	3	-	-	14	1	3	1
South Carolina-----	10	6	-	-	-	1	1	-	19	101	4	4
Georgia-----	61	27	-	-	-	5	-	-	5	2	2	4
Florida-----	7	8	-	-	-	3	-	-	6	4	4	1
EAST SOUTH CENTRAL-----	74	104	-	1	1	11	10	2	97	38	11	39
Kentucky-----	24	20	-	-	1	3	3	-	20	5	1	25
Tennessee-----	24	59	-	-	-	5	-	1	33	18	6	4
Alabama-----	12	10	-	-	-	1	2	1	33	8	3	7
Mississippi-----	14	15	-	1	-	2	5	-	11	7	1	3
WEST SOUTH CENTRAL-----	637	552	-	7	-	13	14	1	74	49	24	38
Arkansas-----	42	59	-	5	-	3	3	-	14	1	3	4
Louisiana-----	8	6	-	1	-	3	4	1	1	2	-	-
Oklahoma-----	6	13	-	1	-	1	1	-	16	2	1	4
Texas-----	581	474	-	-	-	6	6	-	43	44	20	30
MOUNTAIN-----	311	113	-	-	-	4	1	-	36	4	1	-
Montana-----	8	4	-	-	-	1	-	-	2	-	-	-
Idaho-----	11	19	-	-	-	1	-	-	4	-	-	-
Wyoming-----	42	25	-	-	-	-	-	-	-	-	-	-
Colorado-----	21	21	-	-	-	1	-	-	2	-	-	-
New Mexico-----	48	5	-	-	-	-	1	-	4	4	1	-
Arizona-----	133	22	-	-	-	1	-	-	16	-	-	-
Utah-----	48	15	-	-	-	-	-	-	8	-	-	-
Nevada-----	-	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	182	168	-	-	-	1	2	-	155	68	1	4
Washington-----	23	33	-	-	-	-	-	-	21	18	-	-
Oregon-----	51	19	-	-	-	-	1	-	16	17	-	-
California-----	108	116	-	-	-	1	1	-	118	33	1	4
Alaska-----	-	4	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	1	-	-	-	-	-	1	1	-	-	-
Puerto Rico-----	-	-	-	-	-	-	2	-	45	52	-	-



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 where 50 deaths are the weekly average, 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	44th week ended Nov. 6, 1954	43d week ended Oct. 30, 1954	44th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 44 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	9,557	9,665	9,435	+1.3	426,867	440,627	-3.1
New England----- (14 cities)	672	711	673	-0.1	28,550	29,102	-1.9
Middle Atlantic----- (16 cities)	2,833	2,771	2,830	+0.1	124,366	129,918	-4.3
East North Central----- (18 cities)	2,118	2,151	2,108	+0.5	93,729	97,542	-3.9
West North Central----- (8 cities)	663	687	672	-1.3	30,859	32,119	-3.9
South Atlantic----- (9 cities)	767	663	734	+4.5	32,615	33,842	-3.6
East South Central----- (8 cities)	466	427	410	+13.7	20,058	20,677	-3.0
West South Central----- (13 cities)	768	760	696	+10.3	33,748	33,733	+0.0
Mountain----- (8 cities)	222	248	236	-5.9	9,889	10,597	-6.7
Pacific----- (12 cities)	1,048	1,247	1,107	-3.5	53,053	53,097	-0.1

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 6, 1954

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

CITY	44th week ended	43d week ended	CUMULATIVE NUMBER FOR FIRST 44 WEEKS		CITY	44th week ended	43d week ended	CUMULATIVE NUMBER FOR FIRST 44 WEEKS	
	Nov. 6, 1954	Oct. 30, 1954	1954	1953		Nov. 6, 1954	Oct. 30, 1954	1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	218	235	9,584	9,821	St. Louis-----	213	223	10,108	10,627
Bridgeport-----	33	27	1,523	1,451	St. Paul-----	66	77	2,814	2,779
Cambridge-----	27	23	1,184	1,212	Wichita-----	43	35	1,859	1,764
Fall River-----	24	28	1,178	1,224	SOUTH ATLANTIC				
Hartford-----	48	41	1,983	1,986	Atlanta-----	102	75	4,519	4,524
Lowell-----	30	38	1,183	1,107	Baltimore-----	227	215	9,301	9,840
Lynn-----	26	25	931	971	Charlotte-----	27	21	1,290	1,253
New Bedford-----	25	30	987	1,005	Jacksonville-----	(47)	(31)	(2,106)	---
New Haven-----	43	53	1,849	1,901	Miami-----	43	59	2,679	2,575
Providence-----	55	60	2,632	2,611	Norfolk-----	17	20	1,238	1,390
Somerville-----	21	15	629	656	Richmond-----	73	60	2,736	2,800
Springfield, Mass.-----	44	44	1,697	1,704	Savannah-----	(17)	(34)	(1,198)	---
Waterbury-----	28	27	1,022	1,142	Tampa-----	48	41	2,258	2,286
Worcester-----	50	65	2,168	2,311	Washington, D. C.-----	198	145	7,182	7,733
MIDDLE ATLANTIC					Wilmington, Del.-----	32	27	1,412	1,441
Albany-----	49	51	1,979	1,988	EAST SOUTH CENTRAL				
Allentown-----	(40)	(22)	(1,462)	---	Birmingham-----	80	73	3,200	3,156
Buffalo-----	131	126	5,853	6,211	Chattanooga-----	49	30	1,875	1,974
Camden-----	38	39	1,621	1,584	Knoxville-----	49	23	1,468	1,441
Elizabeth-----	25	32	1,208	1,179	Louisville-----	92	114	4,622	4,626
Erie-----	36	28	1,454	1,494	Memphis-----	90	92	4,218	4,651
Jersey City-----	65	91	2,973	3,010	Mobile-----	33	27	1,388	1,378
Newark, N. J.-----	106	103	4,227	4,538	Montgomery-----	24	26	1,139	1,180
New York City-----	1,554	1,429	66,113	68,913	Nashville-----	49	42	2,148	2,271
Paterson-----	38	39	1,644	1,692	WEST SOUTH CENTRAL				
Philadelphia-----	425	425	19,898	21,186	Austin-----	22	24	1,099	1,101
Pittsburgh-----	107	171	6,864	7,429	Baton Rouge-----	20	11	913	697
Reading-----	(28)	(23)	(893)	---	Corpus Christi-----	18	19	762	733
Rochester, N. Y.-----	113	91	3,961	4,084	Dallas-----	97	98	4,348	4,155
Schenectady-----	16	23	1,059	1,040	El Paso-----	29	35	1,155	1,228
Scranton-----	(15)	(37)	(1,452)	---	Fort Worth-----	75	52	2,451	2,458
Syracuse-----	57	45	2,383	2,381	Houston-----	105	114	5,209	5,353
Trenton-----	34	46	1,948	2,021	Little Rock-----	46	42	1,769	1,861
Utica-----	---	(32)	---	(1,377)	New Orleans-----	145	152	6,474	6,874
Yonkers-----	39	32	1,181	1,168	Oklahoma City-----	64	53	2,551	2,331
EAST NORTH CENTRAL					San Antonio-----	70	80	3,363	3,533
Akron-----	48	55	2,360	2,480	Shreveport-----	40	42	1,700	1,719
Canton-----	30	25	1,229	1,238	Tulsa-----	37	38	1,954	1,690
Chicago-----	750	708	31,129	32,331	MOUNTAIN				
Cincinnati-----	119	124	5,999	6,553	Albuquerque-----	27	21	1,142	1,162
Cleveland-----	197	188	8,571	8,963	Colorado Springs-----	10	7	511	582
Columbus-----	114	124	4,362	4,522	Denver-----	94	113	4,388	4,710
Dayton-----	39	52	2,696	2,678	Ogden-----	9	14	487	530
Detroit-----	289	316	13,358	13,788	Phoenix-----	24	24	891	977
Evansville-----	17	30	1,271	1,413	Pueblo-----	17	14	582	608
Flint-----	25	32	1,617	1,573	Salt Lake City-----	39	48	1,709	1,810
Fort Wayne-----	15	23	1,104	1,351	Tucson-----	2	7	179	218
Gary-----	(27)	(26)	(1,122)	---	PACIFIC				
Grand Rapids-----	36	37	1,709	1,706	Berkeley-----	11	16	763	732
Indianapolis-----	119	106	4,799	4,900	Long Beach-----	56	43	2,105	2,009
Milwaukee-----	115	115	5,250	5,310	Los Angeles-----	351	549	18,871	19,052
Peoria-----	42	26	1,305	1,355	Oakland-----	56	80	3,966	4,077
South Bend-----	23	30	1,009	1,020	Pasadena-----	25	29	1,414	1,489
Toledo-----	89	109	3,847	4,029	Portland, Oreg.-----	80	80	4,225	4,291
Youngstown-----	51	51	2,114	2,332	Sacramento-----	44	38	1,969	2,020
WEST NORTH CENTRAL					San Diego-----	43	67	3,115	3,053
Des Moines-----	52	41	2,175	2,154	San Francisco-----	193	156	7,977	8,163
Duluth-----	29	14	1,152	1,180	Seattle-----	102	114	5,230	4,960
Kansas City, Kans.-----	---	---	---	(1,459)	Spokane-----	51	42	1,942	1,836
Kansas City, Mo.-----	102	111	5,130	5,313	Tacoma-----	36	33	1,476	1,415
Minneapolis-----	109	126	4,976	5,501	Honolulu-----	(36)	(31)	(1,470)	(1,392)
Omaha-----	49	60	2,645	2,801					

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

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