

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

November 19, 1954

Washington 25, D. C.

Vol. 3, No. 45

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 13, 1954

For the current week, 75 cases of diphtheria were reported as compared with 71 for the corresponding week of 1953. Of the total for the current week, 22 were in Alabama. During the past 6 weeks, 47 cases have been reported in the State. During this period, Georgia and Louisiana reported 65 and 64 cases, respectively. However, for the current week, only 4 cases were reported in Georgia and 9 in Louisiana.

Since the first of the year, a total of 415 cases of psittacosis has been reported as compared with 48 for the corresponding period of 1953. Of the total reported this year, 151 cases were in Texas. Other States reporting 20 cases or more are California (46); Pennsylvania (26); and Colorado, Illinois, and New York with 20 cases each. Nineteen States have not reported any cases.

The 15 cases of brucellosis reported in Minnesota last week represent delayed reports and they were scattered throughout the State.

EPIDEMIOLOGICAL REPORTS

Psittacosis

The California Department of Public Health reports a case of psittacosis in a 27-year-old woman. She became ill with pneumonitis about 6 months ago. Psittacosis was suspected but was not confirmed by laboratory studies. The patient was treated with aureomycin and apparently recovered. However, 2 months later she became ill with fever, pneumonitis, and abdominal distention. The complement fixation test was positive for psittacosis in a dilution of 1:64. Routine agglutinations were performed and the patient was found to have an agglutination of 1:2560 for typhoid fever. Repeated stool cultures were negative for typhoid fever. The patient was the daughter of a man who had about 150 parakeets in his possession. Some were hatched on the premises, and some had been in his aviary for the past 2 years. A lone parakeet, suspected to be the source, was kept in the house in a cage and was the only bird known to have been in contact with all members of the family, including the daughter. This bird has since escaped from the cage and cannot be found. None of the birds have been sick and no other members of the family have been ill.

Rabies in man

Dr. M. P. Hines, Veterinarian, North Carolina State Board of Health, gives additional information on the case of human rabies which was reported for the week ended October 23. This is the first case since 1951, and it occurred in a county in the central part of the State. Since the beginning of the year, 3 cases of animal rabies have been reported in this county. Each of the neighboring counties, with one exception, has reported at least 1 case of animal rabies, and one has reported 28 cases. It has been said that there are large numbers of foxes and stray dogs in this area.

The patient, a small boy, was bitten by a stray dog. Two attempts were made to kill the dog but both failed. The dog has not been seen since the day following the incident. Neighbors said that the dog acted normal. It bit the child when he attempted to pick it up. A private physician suggested antirabies treatment but the patient failed to keep an appointment. After failing to report for the first appointment the physician made another, but

this also was not kept. The boy was admitted to a hospital and massive doses of antirabies serum were administered, but too late to prevent death. Typical Negri bodies were demonstrated in the central nervous system tissue at a post-mortem examination. The agent, lethal for mice, but not as yet fully characterized, has been isolated from saliva and brain tissue.

Typhoid fever

Dr. N. H. Dyer, West Virginia Department of Health, reports an outbreak of typhoid fever involving 6 persons in 2 families. An investigation was begun after 4 cases were reported in one of the families. Stool cultures and water samples at this time failed to locate the source of infection. When 2 other cases were confirmed in the second family, a further investigation was conducted. During this investigation it was found that the second family consumed raw milk from their cows, and that the first family involved had used milk from the same source—a fact which was earlier denied. Stool specimens were secured from the husband, wife, and a young woman who resided with the second family and had the responsibility of handling all milk. Stool cultures from this young woman were positive for typhoid fever. She gives no history of having had typhoid fever. The head of the second family has been instructed not to sell or give away any milk or milk products. The young woman who has been diagnosed as a carrier has been requested to sign a regular form which is required of all known typhoid carriers. She has been referred to her family physician, and will be kept under surveillance in order to prevent her from participating in the preparation and handling of any food products intended for public consumption.

Shigellosis

Dr. M. H. Mires, Vermont Department of Health, gives preliminary information on an outbreak of shigellosis among 250 persons in a school. Since the end of September, about 60 cases have been diagnosed clinically. Stool specimens were collected from 6 patients and Shigella sonnei has been isolated from each of them. Reports have been received from 2 other schools that shigellosis has occurred in persons who visited the former school and ate in the cafeteria. An investigation revealed that there has been recent illness among the kitchen personnel. The investigation of the outbreak is still in progress.

Gastro-enteritis

The California Department of Public Health reports that 2 of 3 persons in a private household became ill with nausea, vomiting, and diarrhea about 4 hours after eating dinner. A pie purchased at a local market was suspected to be the vehicle of infection. Laboratory examination of a specimen of the pie showed coagulase positive gelatine liquefying staphylococcus.

Dr. Roy F. Feemster, Massachusetts Department of Public Health, reports an outbreak of gastro-enteritis among 215 persons in an institution. Of these, 59 became ill with vomiting, abdominal cramps, fever, sore throat, headache, and diarrhea (occurring 3 or 4 days after the onset). An inspection of the kitchen revealed no unsanitary conditions. The source of the outbreak was not determined, and it is believed that the disease was contracted neither through food nor water. Stool specimens of 4 patients were negative.

COMMUNICABLE DISEASE CENTER

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ATLANTA, GEORGIA

Morbidity and Mortality Weekly Report

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	45th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 13, 1954	Ended Nov. 14, 1953	Median 1949-53	First 45 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	1 ¹	2	-	19	30	40	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	---	13	19	---	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	16	22	---	1,479	1,590	---	(2)	(2)	(2)	(2)
Diphtheria-----055	75	71	125	1,705	2,015	3,483	833	963	1,513	July 1
Encephalitis, infectious-----082	19	15	13	² 1,728	1,007	915	(2)	(2)	(2)	(2)
Hepatitis, infectious, and serum-----092,N998.5 pt.	590	509	---	⁴ 44,593	28,041	---	(2)	(2)	(2)	(2)
Malaria-----110-117	12	26	---	654	1,345	---	(2)	(2)	(2)	(2)
Measles-----085	2,680	1,669	1,669	644,698	422,637	482,607	16,870	11,959	10,360	Sept. 1
Meningococcal infections-----057	60	72	69	⁵ 3,599	4,498	3,554	⁵ 583	733	635	Sept. 1
Polio-myelitis-----080	864	590	749	⁶ 36,220	33,512	33,512	⁶ 34,667	31,931	31,931	Apr. 1
Psittacosis-----096.2	7 ¹	1	---	415	48	---	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	6	12	10	(2)	(2)	(2)	(2)
Rocky Mountain spotted fever-----104A	2	1	2	282	288	324	(2)	(2)	(2)	(2)
Scarlet fever and streptococcal sore throat-----050,051	1,938	1,754	1,003	128,567	117,135	65,237	20,826	17,528	8,057	Aug. 1
Smallpox-----084	-	-	-	-	4	15	(2)	(2)	(2)	(2)
Trichiniasis-----128	1	5	---	217	336	---	(2)	(2)	(2)	(2)
Tularemia-----059	8	6	6	516	467	568	(2)	(2)	(2)	(2)
Typhoid fever-----040	43	24	38	2,083	2,064	2,212	1,673	1,759	1,809	Apr. 1
Typhus fever, endemic-----101	3	2	---	166	215	---	132	175	---	Apr. 1
Whooping cough-----056	1,254	752	1,141	51,143	31,613	55,259	7,382	4,394	6,149	Oct. 1
Rabies in animals-----	109	134	---	6,019	6,430	---	(2)	(2)	(2)	(2)

¹Reported in Texas.

²Information not available or frequencies are too small.

³Addition: Kansas, week ended November 6, 2 cases.

⁴Addition: Illinois, week ended November 6, 17 cases.

⁵Deduction: South Dakota, week ended November 6, 5 cases.

⁶Deductions: Georgia, week ended October 23, 4 cases; Indiana, week ended October 30, 1 case; Arizona, week ended November 6, 1 case.

⁷Reported in California.

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 14, 1953, AND NOVEMBER 13, 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)			
									Civilian ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	16	22	75	71	19	15	590	509	8	13	4	13
NEW ENGLAND-----	-	1	-	1	1	-	42	28	-	3	-	-
Maine-----	-	-	-	-	-	-	7	6	-	2	-	-
New Hampshire-----	-	-	-	-	-	-	1	2	-	-	-	-
Vermont-----	-	-	-	-	-	-	1	1	-	-	-	-
Massachusetts-----	-	1	-	1	-	-	12	14	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	15	1	-	-	-	-
Connecticut-----	-	-	-	-	1	-	6	4	-	1	-	-
MIDDLE ATLANTIC-----	-	1	1	9	5	6	171	87	1	1	1	2
New York-----	-	-	-	2	5	6	114	68	-	-	1	2
New Jersey-----	-	-	1	1	-	-	7	6	1	1	-	-
Pennsylvania-----	-	1	-	6	-	-	50	13	-	-	-	-
EAST NORTH CENTRAL-----	3	9	3	4	2	-	84	66	-	1	1	-
Ohio-----	-	-	-	-	-	-	15	19	-	-	-	-
Indiana-----	-	-	-	2	-	-	15	7	-	1	-	-
Illinois-----	2	6	1	1	2	-	19	22	-	-	1	-
Michigan-----	-	3	2	1	-	-	23	10	-	-	-	-
Wisconsin-----	1	-	-	-	-	-	12	8	-	-	-	-
WEST NORTH CENTRAL-----	5	9	4	1	3	3	64	66	-	3	-	-
Minnesota-----	2	1	1	-	2	1	36	27	-	2	-	-
Iowa-----	3	4	-	-	-	-	23	31	-	-	-	-
Missouri-----	-	3	3	-	-	-	1	5	-	-	-	-
North Dakota-----	-	-	-	-	-	-	2	1	-	-	-	-
South Dakota-----	-	1	-	-	-	2	1	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	1	1	-	-	-	-
Kansas-----	-	-	-	1	1	-	-	1	-	1	-	-
SOUTH ATLANTIC-----	1	1	18	33	-	1	56	98	-	1	1	4
Delaware-----	-	-	-	-	-	-	1	1	-	-	-	-
Maryland-----	-	-	6	-	-	-	6	2	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	4	1	-	-	-	-
Virginia-----	1	-	1	1	-	1	32	49	-	-	1	-
West Virginia-----	-	-	-	2	-	-	4	15	-	-	-	1
North Carolina-----	-	-	-	7	-	-	6	28	-	-	-	1
South Carolina-----	-	-	4	5	-	-	-	-	-	1	-	-
Georgia-----	-	1	4	14	-	-	3	2	-	-	-	2
Florida-----	-	-	3	4	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	-	-	30	12	3	1	33	46	-	-	-	1
Kentucky-----	-	-	7	3	-	-	3	4	-	-	-	1
Tennessee-----	-	-	1	1	2	-	15	13	-	-	-	-
Alabama-----	-	-	22	7	-	-	7	2	-	-	-	-
Mississippi-----	-	-	-	1	1	1	8	27	-	-	-	-
WEST SOUTH CENTRAL-----	3	1	13	10	4	3	30	19	6	4	-	1
Arkansas-----	2	1	2	4	-	-	4	2	-	-	-	-
Louisiana-----	-	-	9	2	-	-	4	-	-	-	-	1
Oklahoma-----	-	-	1	-	1	-	3	1	-	-	-	-
Texas-----	1	-	1	4	3	3	19	16	6	4	-	-
MOUNTAIN-----	2	-	2	-	-	1	48	24	1	-	-	1
Montana-----	-	-	-	-	-	-	7	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	29	2	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	-	-	-	-
Colorado-----	1	-	-	-	-	-	4	16	1	-	-	-
New Mexico-----	1	-	-	-	-	-	-	1	-	-	-	-
Arizona-----	-	-	2	-	-	1	8	3	-	-	-	-
Utah-----	-	-	-	-	-	-	-	1	-	-	-	1
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	-	4	1	1	-	62	75	-	-	1	4
Washington-----	-	-	-	1	-	-	8	23	-	-	1	3
Oregon-----	-	-	-	-	-	-	20	26	-	-	-	-
California-----	2	-	4	-	1	-	34	26	-	-	-	1
Alaska-----	-	-	-	-	-	-	9	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	6	-	-	-	1	-
Puerto Rico-----	-	-	1	6	-	-	1	-	1	-	-	-

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 14, 1953, AND NOVEMBER 13, 1954—Con.

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

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1954	1953	1954	1953	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	2,680	1,669	60	72	864	590	354	228	190	112	2	1
NEW ENGLAND-----	849	67	2	5	51	35	20	10	17	7	-	-
Maine-----	88	37	1	-	5	2	4	2	1	-	-	-
New Hampshire-----	32	1	-	-	4	2	-	-	-	-	-	-
Vermont-----	91	15	1	-	4	3	4	-	-	-	-	-
Massachusetts-----	553	9	-	3	13	16	3	6	8	4	-	-
Rhode Island-----	11	-	-	-	1	7	-	-	-	-	-	-
Connecticut-----	74	5	-	2	24	5	9	2	8	3	-	-
MIDDLE ATLANTIC-----	693	284	9	17	197	93	66	22	25	12	-	-
New York-----	460	114	5	8	111	61	42	18	15	9	-	-
New Jersey-----	149	7	2	4	37	8	24	4	10	3	-	-
Pennsylvania-----	84	163	2	5	49	24	-	-	-	-	-	-
EAST NORTH CENTRAL-----	357	312	9	16	188	120	71	25	31	19	1	-
Ohio-----	22	43	3	7	45	46	14	4	2	5	-	-
Indiana-----	30	48	1	2	³ 49	1	16	-	1	-	1	-
Illinois-----	37	56	2	3	40	20	19	2	13	1	-	-
Michigan-----	218	141	2	2	40	35	15	19	14	13	-	-
Wisconsin-----	50	24	1	2	14	18	7	-	1	-	-	-
WEST NORTH CENTRAL-----	119	96	3	2	86	61	31	25	21	11	-	-
Minnesota-----	77	3	1	-	5	23	3	13	1	4	-	-
Iowa-----	11	69	-	-	27	11	10	5	6	4	-	-
Missouri-----	5	1	1	-	13	5	5	3	3	-	-	-
North Dakota-----	22	12	1	1	3	1	-	-	-	-	-	-
South Dakota-----	-	7	-	1	9	11	2	-	3	-	-	-
Nebraska-----	-	-	-	-	12	2	3	1	4	1	-	-
Kansas-----	4	4	-	-	17	8	8	3	4	2	-	-
SOUTH ATLANTIC-----	80	161	11	12	93	57	41	24	24	16	-	-
Delaware-----	-	-	-	1	5	2	3	2	2	-	-	-
Maryland-----	4	29	-	3	9	3	6	1	3	2	-	-
District of Columbia-----	1	1	-	2	3	2	2	-	1	1	-	-
Virginia-----	22	27	-	-	11	11	5	6	4	5	-	-
West Virginia-----	41	53	-	-	4	5	1	2	1	1	-	-
North Carolina-----	3	9	4	2	8	7	2	5	-	1	-	-
South Carolina-----	-	8	2	2	2	1	1	-	-	-	-	-
Georgia-----	6	7	3	1	8	4	3	2	1	1	-	-
Florida-----	3	27	2	1	43	22	18	6	12	5	-	-
EAST SOUTH CENTRAL-----	69	40	5	9	40	18	19	3	11	3	1	-
Kentucky-----	12	4	2	2	20	5	10	-	9	-	-	-
Tennessee-----	45	20	-	3	8	7	4	3	-	2	-	-
Alabama-----	10	12	2	3	7	1	4	-	2	-	-	-
Mississippi-----	2	4	1	1	5	5	1	-	-	1	1	-
WEST SOUTH CENTRAL-----	173	144	7	6	66	47	38	24	15	10	-	-
Arkansas-----	-	4	2	1	8	5	8	3	-	1	-	-
Louisiana-----	-	13	2	1	18	7	14	6	4	1	-	-
Oklahoma-----	5	4	-	-	4	5	1	2	-	1	-	-
Texas-----	168	123	3	4	36	30	15	13	11	7	-	-
MOUNTAIN-----	62	223	3	1	35	28	8	7	9	2	-	-
Montana-----	1	66	-	-	7	4	3	4	3	-	-	-
Idaho-----	1	21	-	-	2	5	-	-	-	-	-	-
Wyoming-----	4	38	-	-	6	4	1	-	2	-	-	-
Colorado-----	8	36	1	-	5	2	2	1	1	1	-	-
New Mexico-----	8	8	-	-	3	1	1	-	2	-	-	-
Arizona-----	34	3	2	-	2	3	1	2	1	1	-	-
Utah-----	6	50	-	1	10	9	-	-	-	-	-	-
Nevada-----	-	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	278	342	11	4	108	131	60	88	37	32	-	1
Washington-----	88	90	2	-	14	8	5	-	-	-	-	-
Oregon-----	18	54	-	-	17	18	7	14	9	2	-	1
California-----	172	198	9	4	77	105	48	74	28	30	-	-
Alaska-----	4	27	-	-	22	1	15	1	6	-	-	-
Hawaii-----	25	11	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	34	21	1	-	2	-	2	-	-	-	-	-

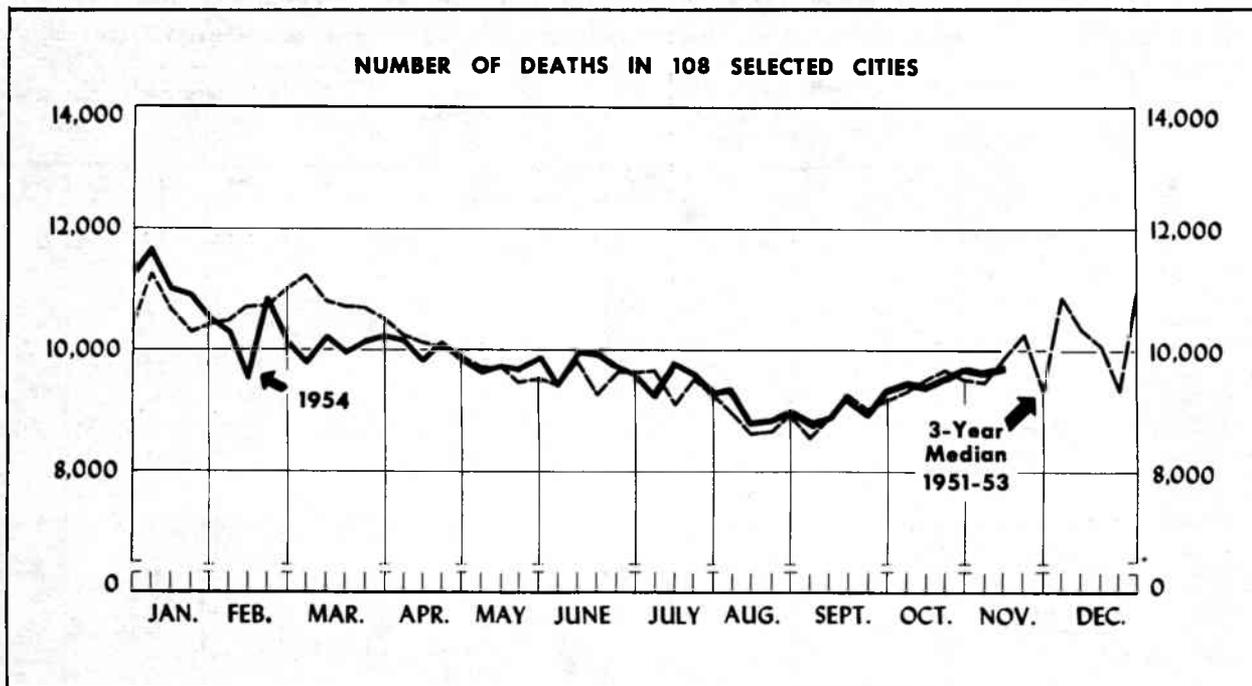
²Includes cases not specified by type, category number (080.3).³Includes delayed cases.

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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 14, 1953, AND NOVEMBER 13, 1954—Con.

(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-----	1,938	1,754	1	8	6	43	24	3	1,254	752	109	134
NEW ENGLAND-----	79	68	-	-	-	2	2	-	179	62	-	-
Maine-----	13	9	-	-	-	-	-	-	8	3	-	-
New Hampshire-----	2	2	-	-	-	-	-	-	15	6	-	-
Vermont-----	1	2	-	-	-	-	-	-	-	7	-	-
Massachusetts-----	42	31	-	-	-	2	1	-	58	19	-	-
Rhode Island-----	4	8	-	-	-	-	-	-	50	13	-	-
Connecticut-----	17	16	-	-	-	-	1	-	48	14	-	-
MIDDLE ATLANTIC-----	105	145	-	-	-	5	-	-	290	208	19	9
New York-----	73	62	-	-	-	-	-	-	93	113	19	8
New Jersey-----	14	24	-	-	-	1	-	-	80	29	-	-
Pennsylvania-----	18	59	-	-	-	4	-	-	117	66	-	1
EAST NORTH CENTRAL-----	230	230	-	-	-	4	5	-	265	179	7	22
Ohio-----	33	64	-	-	-	3	-	-	49	23	1	-
Indiana-----	63	44	-	-	-	-	-	-	28	34	5	14
Illinois-----	33	35	-	-	-	1	1	-	32	26	1	7
Michigan-----	63	52	-	-	-	-	3	-	103	80	-	1
Wisconsin-----	38	35	-	-	-	-	1	-	53	16	-	-
WEST NORTH CENTRAL-----	69	82	-	-	-	2	1	-	41	73	19	17
Minnesota-----	14	22	-	-	-	-	-	-	26	5	9	-
Iowa-----	9	17	-	-	-	1	-	-	5	60	6	5
Missouri-----	3	16	-	-	-	1	-	-	7	2	4	5
North Dakota-----	33	14	-	-	-	-	1	-	1	-	-	-
South Dakota-----	3	2	-	-	-	-	-	-	1	-	-	-
Nebraska-----	5	4	-	-	-	-	-	-	-	2	-	7
Kansas-----	2	7	-	-	-	-	-	-	1	4	-	-
SOUTH ATLANTIC-----	195	211	-	1	3	15	6	1	141	56	30	24
Delaware-----	3	-	-	-	-	-	-	-	-	1	-	-
Maryland-----	15	4	-	-	-	-	-	-	15	7	-	-
District of Columbia-----	8	5	-	-	-	-	-	-	3	2	-	-
Virginia-----	63	75	-	-	-	2	-	-	20	7	5	4
West Virginia-----	17	17	-	-	-	1	3	-	57	18	11	6
North Carolina-----	30	62	-	-	1	8	1	-	4	14	7	5
South Carolina-----	10	4	-	-	-	3	2	1	25	4	3	5
Georgia-----	34	17	-	1	2	1	-	-	15	2	3	2
Florida-----	15	27	-	-	-	-	-	-	2	1	1	2
EAST SOUTH CENTRAL-----	70	85	-	2	1	4	5	-	96	58	10	33
Kentucky-----	20	20	-	1	-	3	1	-	36	31	1	18
Tennessee-----	17	41	-	-	1	-	2	-	16	15	-	6
Alabama-----	22	10	-	1	-	-	2	-	36	11	3	8
Mississippi-----	11	14	-	-	-	1	-	-	10	1	6	1
WEST SOUTH CENTRAL-----	697	673	-	4	-	6	4	1	78	63	21	26
Arkansas-----	21	50	-	1	-	2	1	-	5	10	5	1
Louisiana-----	3	8	-	-	-	-	1	-	2	5	-	-
Oklahoma-----	13	13	-	-	-	-	-	-	5	-	1	-
Texas-----	660	602	-	3	-	4	2	1	66	48	15	25
MOUNTAIN-----	305	63	-	1	2	4	-	1	43	8	2	-
Montana-----	6	7	-	-	-	2	-	-	-	-	-	-
Idaho-----	17	9	-	-	-	-	-	-	3	-	-	-
Wyoming-----	59	15	-	1	1	-	-	-	2	-	-	-
Colorado-----	15	9	-	-	-	-	-	-	12	7	-	-
New Mexico-----	22	2	-	-	-	-	-	-	10	-	-	-
Arizona-----	147	14	-	-	-	2	-	1	15	1	2	-
Utah-----	39	7	-	-	1	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	188	197	1	-	-	1	1	-	119	45	1	3
Washington-----	51	46	1	-	-	-	-	-	16	10	-	-
Oregon-----	26	23	-	-	-	1	-	-	7	5	-	-
California-----	111	128	-	-	-	-	1	-	96	30	1	3
Alaska-----	12	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	2	-	-	-	-	-	-	-	6	-	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	16	22	2	-



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	45th week ended Nov. 13, 1954	44th week ended Nov. 6, 1954	45th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		
	1954	1954	1951-53		1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	9,713	9,568	9,779	-0.7	437,448	451,256	-3.1
New England----- (14 cities)	651	672	663	-1.8	29,201	29,807	-2.0
Middle Atlantic----- (16 cities)	2,830	2,833	2,919	-3.0	127,196	132,936	-4.3
East North Central----- (18 cities)	2,213	2,118	2,206	+0.3	95,942	99,625	-3.7
West North Central----- (9 cities)	683	691	731	-6.6	32,992	34,308	-3.8
South Atlantic----- (9 cities)	759	767	765	-0.8	33,374	34,586	-3.5
East South Central----- (8 cities)	370	466	429	-13.8	20,428	21,112	-3.2
West South Central----- (13 cities)	771	768	712	+8.3	34,519	34,445	+0.2
Mountain----- (7 cities)	222	205	201	+10.4	9,529	10,181	-6.4
Pacific----- (12 cities)	1,214	1,048	1,153	+5.3	54,267	54,256	+0.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 13, 1954

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

CITY	45th week ended Nov. 13, 1954	44th week ended Nov. 6, 1954	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		CITY	45th week ended Nov. 13, 1954	44th week ended Nov. 6, 1954	CUMULATIVE NUMBER FOR FIRST 45 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	233	216	9,817	10,070	St. Louis-----	199	213	10,307	10,877
Bridgeport-----	32	33	1,555	1,492	St. Paul-----	63	66	2,877	2,839
Cambridge-----	24	27	1,208	1,239	Wichita-----	16	43	1,875	1,795
Fall River-----	23	24	1,201	1,258	SOUTH ATLANTIC				
Hartford-----	55	48	2,038	2,032	Atlanta-----	108	102	4,627	4,608
Lowell-----	19	30	1,202	1,137	Baltimore-----	207	227	9,508	10,042
Lynn-----	24	26	955	1,001	Charlotte-----	44	27	1,334	1,292
New Bedford-----	20	25	1,007	1,030	Jacksonville-----	(49)	(47)	(2,155)	---
New Haven-----	45	43	1,894	1,950	Miami-----	44	43	2,723	2,623
Providence-----	58	55	2,690	2,671	Norfolk-----	30	17	1,268	1,421
Somerville-----	14	21	643	669	Richmond-----	81	73	2,817	2,870
Springfield, Mass.-----	39	44	1,736	1,749	Savannah-----	---	(17)	---	---
Waterbury-----	23	28	1,045	1,155	Tampa-----	48	48	2,306	2,346
Worcester-----	42	50	2,210	2,354	Washington, D. C.-----	171	198	7,353	7,906
					Wilmington, Del.-----	26	32	1,438	1,478
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	39	49	2,018	2,035	Birmingham-----	72	80	3,272	3,228
Allentown-----	(27)	(40)	(1,489)	---	Chattanooga-----	29	49	1,904	2,015
Buffalo-----	152	131	6,005	6,366	Knoxville-----	33	49	1,501	1,461
Camden-----	28	38	1,649	1,624	Louisville-----	89	92	4,711	4,721
Elizabeth-----	48	25	1,256	1,225	Memphis-----	42	90	4,260	4,748
Eric-----	26	36	1,480	1,530	Mobile-----	36	33	1,424	1,413
Jersey City-----	65	65	3,038	3,096	Montgomery-----	23	24	1,162	1,201
Newark, N. J.-----	79	106	4,306	4,655	Nashville-----	46	49	2,194	2,325
New York City-----	1,506	1,554	67,619	70,478	WEST SOUTH CENTRAL				
Paterson-----	30	38	1,674	1,726	Austin-----	26	22	1,125	1,130
Philadelphia-----	448	425	20,346	21,655	Baton Rouge-----	44	20	957	723
Pittsburgh-----	178	107	7,042	7,607	Corpus Christi-----	11	18	773	749
Reading-----	(15)	(28)	(908)	---	Dallas-----	110	97	4,458	4,235
Rochester, N. Y.-----	91	113	4,052	4,182	El Paso-----	23	29	1,178	1,258
Schenectady-----	17	16	1,076	1,053	Fort Worth-----	56	75	2,507	2,512
Scranton-----	(51)	(15)	(1,503)	---	Houston-----	129	105	5,338	5,455
Syracuse-----	51	57	2,434	2,432	Little Rock-----	32	46	1,801	1,891
Trenton-----	43	34	1,991	2,073	New Orleans-----	148	145	6,622	7,020
Utica-----	(33)	---	---	(1,412)	Oklahoma City-----	56	64	2,607	2,390
Yonkers-----	29	39	1,210	1,199	San Antonio-----	88	70	3,451	3,601
					Shreveport-----	29	40	1,729	1,761
					Tulsa-----	19	37	1,973	1,720
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	47	48	2,407	2,527	Albuquerque-----	28	27	1,170	1,181
Canton-----	25	30	1,254	1,262	Colorado Springs-----	18	10	529	595
Chicago-----	722	750	31,851	32,937	Denver-----	95	94	4,483	4,791
Cincinnati-----	164	119	6,163	6,694	Ogden-----	10	9	497	549
Cleveland-----	213	197	8,784	9,164	Phoenix-----	22	24	913	991
Columbus-----	105	114	4,467	4,636	Pueblo-----	---	(17)	---	(617)
Dayton-----	78	39	2,774	2,748	Salt Lake City-----	43	39	1,752	1,845
Detroit-----	361	289	13,719	14,088	Tucson-----	6	2	185	229
Evansville-----	31	17	1,302	1,444	PACIFIC				
Flint-----	37	25	1,654	1,609	Berkeley-----	20	11	783	750
Fort Wayne-----	24	15	1,128	1,399	Long Beach-----	40	56	2,145	2,057
Gary-----	(24)	(27)	(1,146)	---	Los Angeles-----	450	351	19,321	19,473
Grand Rapids-----	25	36	1,734	1,741	Oakland-----	111	56	4,077	4,159
Indianapolis-----	95	119	4,894	5,007	Pasadena-----	48	25	1,462	1,519
Milwaukee-----	106	115	5,356	5,437	Portland, Oreg.-----	83	80	4,308	4,372
Peoria-----	21	42	1,326	1,378	Sacramento-----	61	44	2,030	2,065
South Bend-----	21	23	1,030	1,043	San Diego-----	78	43	3,193	3,108
Toledo-----	93	89	3,940	4,111	San Francisco-----	170	193	8,147	8,347
Youngstown-----	45	51	2,159	2,400	Seattle-----	101	102	5,331	5,098
					Spokane-----	29	51	1,971	1,869
					Tacoma-----	23	36	1,499	1,439
					Honolulu-----	(34)	(36)	(1,504)	(1,418)
WEST NORTH CENTRAL									
Des Moines-----	51	52	2,226	2,201					
Duluth-----	26	29	1,178	1,196					
Kansas City, Kans.-----	25	28	1,475	1,497					
Kansas City, Mo.-----	123	102	5,253	5,427					
Minneapolis-----	113	109	5,089	5,616					
Omaha-----	67	49	2,712	2,860					

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

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