

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 August 7, 1954

For the current week a total of 1,612 cases of poliomyelitis was reported in the United States. This represents less than a 10-percent increase over the total (1,498) reported last week. In only 1 State was there a substantial increase in the incidence of the disease. Ohio reported 104 cases for the current week as compared with 60 for the previous week.

California reported 211 cases of poliomyelitis for the current week. Of this number, 84 were in Los Angeles County. Other counties in the State reporting 10 or more cases were: Alameda, 15; Contra Costa, 13; Stanislaus, 11; and San Mateo, 10. For the year to date, California has reported 1,736 cases as compared with 948 and 1,446, respectively, for the previous 2 years.

Polk County, Iowa, has reported an unusually large number (46) of poliomyelitis cases for the 4-week period ended July 31. A high incidence of the disease has been reported in several counties throughout the country, but in most areas their populations are small and a few cases give a high incidence rate.

The cumulative total cases of poliomyelitis for the year to date is 10,797 as compared with 13,224 and 11,710 for the corresponding periods of 1952 and 1953, respectively. For the "disease year," which began about April 1, 1954, the cumulative total is 9,245 as compared with 10,129 for the corresponding period of last year. In 1952, the corresponding total was 11,969.

EPIDEMIOLOGICAL REPORTS

Encephalitis

The California State Department of Public Health reports that no laboratory confirmed cases of arthropod-borne encephalitis have been found up to August 1. In 4 areas, a total of 357 pools of mosquitoes has been collected, from 71 of which western equine type of virus has been isolated. Only 1 isolation of St. Louis virus from mosquitoes has been made.

Psittacosis

The Medical Officer in Charge of the U. S. Quarantine Station, Staten Island, New York, reports 2 cases of psittacosis which were associated with 3 parrots from Mexico. When the owner arrived in New York by air with the birds, they appeared sick and droopy. The birds were ineligible for admission to this country, and were destroyed. Eleven days later the quarantine inspector became ill with headache, fever, and tightness in his chest. A chest X-ray did not show signs of pneumonia, but a blood specimen collected for laboratory examination was positive for psittacosis. The airline hostess, upon whose desk the bird cage rested before the birds were destroyed, was found to have been ill with pneumonia. The inspector suggested the possibility of psittacosis, and a blood specimen was collected. It was positive for the psittacosis virus. The owner of the birds was contacted and he denied having been ill at any time since he obtained the birds. He had a cough at that time but it was late for symptoms of psittacosis to be present. It is possible that he just had a cold rather than residual effects of a pneumonitis.

The California Department of Public Health reports a case of psittacosis in a 59-year-old man. The patient had general

malaise with headaches and became progressively weak. Later he developed a fever and a cough. At this time his illness was believed to be virus pneumonia. A chest X-ray was negative, but a blood specimen, collected about 2 months after onset, was positive for psittacosis in a dilution of 1:64. The patient had raised canaries for 25 years and had about 20 birds at the time of his illness. He was also in contact with a budgerigah. No laboratory tests were made on any of the birds.

Marsh gas poisoning

Dr. H. T. Fuerst, New York City Health Department, gives information on marsh gas poisoning among 35 construction workers. In the course of constructing a sanitary sewer, 11 diggers became ill at various times during an interval of about 4 weeks. The principal symptoms were conjunctivitis and/or iridocyclitis, headache, weakness, nausea, pulmonary irritation, and paresthesia. Most of the men recovered in 1 or 2 days. Upon investigation it was found that the construction was taking place over a bog that had been filled in. When sections of the bog were uncovered, a heavy odor of hydrogen sulphide was emitted. Work was stopped temporarily and air blowers were installed to disperse the gases. Following such installation, the gas concentration was below that considered the maximum allowable for 8 hours of exposure. Work was resumed and no further illnesses have occurred.

Shigellosis

Dr. J. A. Degen, District Health Officer, New York State Department of Health, reports an outbreak of shigellosis in an institution. Laboratory examination of rectal swabs on 4 patients revealed *Shigella sonnei*. The survey of the institution is not yet complete, but to date 11 asymptomatic carriers have been found. It was reported that a case and a carrier were found during a previous outbreak in this institution.

Gastro-enteritis

The California Department of Public Health reports an outbreak of gastro-enteritis in a private home. Three persons became ill with vomiting, 1 had diarrhea, and 1 was nauseated, but all 5 developed weakness from 2½ to 14 hours after eating fresh veal chops. The chops were purchased at a local market and refrigerated until time of preparation. No veal was available for bacteriological examination, but a potato was found to be positive for staphylococcus.

The California Department of Public Health has given information on an outbreak of gastro-enteritis which occurred during the latter part of February. Data were collected from 898 visitors at a resort, and 130 of these were found to have had a diarrheal illness during or following a visit to this area. The illnesses were not associated with any particular meal or eating place. The persons who became ill reported eating 1 or more meals at 9 of 19 places which served food. Of the total who were affected, 120 are known to have drunk water supplied by the utility district of the area. Although positive evidence is lacking, water is considered the most probable source of the infection.

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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	31st week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 7, 1954	Ended Aug. 8, 1953	Median 1949-53	First 31 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	2	13	20	29	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	6	13	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	41	38	---	995	1,055	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	27	25	56	1,020	1,195	2,183	148	143	213	July 1
Encephalitis, infectious-----082	44	21	22	² 938	628	582	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092,N998.5 pt.	741	524	---	34,763	20,161	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	36	53	---	391	837	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	3,247	1,960	1,906	622,032	407,311	463,392	658,124	438,745	492,782	Sept. 1
Meningococcal infections-----057	44	50	57	2,859	3,597	2,778	4,181	4,872	3,857	Sept. 1
Poliomyelitis-----080	1,612	1,870	1,870	³ 10,797	11,710	10,718	³ 9,245	10,129	9,713	Apr. 1
Psittacosis-----096.2	47	1	---	363	35	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	5 ¹	-	-	4	3	3	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	17	9	21	185	209	227	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	1,427	1,110	397	109,168	100,717	57,421	1,427	1,110	397	Aug. 1
Smallpox-----084	-	-	-	-	5	13	(¹)	(¹)	(¹)	(¹)
Trichinosis-----128	5	5	---	167	262	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	8	11	12	367	340	417	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	72	88	88	^a 1,186	1,259	1,342	^e 777	954	939	Apr. 1
Typhus fever, endemic-----101	6	11	---	⁷ 117	158	---	⁷ 83	118	---	Apr. 1
Whooping cough-----056	1,248	764	1,338	34,212	20,839	35,106	43,969	28,696	45,386	Oct. 1
Rabies in animals-----	80	111	---	4,641	4,638	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.²Additions: Indiana and Idaho, week ended July 31, 1 case each.³Addition: South Carolina, week ended July 31, 1 case. Deduction: Arkansas, week ended July 31, 1 case.⁴California, Delaware, and Illinois, 2 cases each; Virginia, 1 case.⁵Reported in Texas.⁶Deduction: South Carolina, week ended July 31, 2 cases.⁷Addition: North Carolina, week ended July 31, 2 cases.

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.

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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 AUGUST 8, 1953, AND AUGUST 7, 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-----	41	38	27	23	44	21	741	524	10	11	26	42
NEW ENGLAND-----	1	2	-	2	2	-	57	22	1	1	-	-
Maine-----	-	-	-	-	-	-	24	2	-	1	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	4	-	-	-	-	-
Massachusetts-----	1	-	-	1	2	-	19	16	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	3	-	-	-	-	-
Connecticut-----	-	2	-	1	-	-	7	3	1	-	-	-
MIDDLE ATLANTIC-----	1	2	1	4	10	5	146	97	1	1	7	-
New York-----	-	2	-	1	9	4	109	86	-	1	2	-
New Jersey-----	1	-	1	1	1	1	5	3	1	-	5	-
Pennsylvania-----	-	-	1	2	-	-	32	8	-	-	-	-
EAST NORTH CENTRAL-----	9	15	1	-	6	6	86	70	-	1	1	-
Ohio-----	-	2	-	-	-	2	19	21	-	-	-	-
Indiana-----	-	2	-	-	2	-	8	10	-	1	-	-
Illinois-----	2	9	-	-	2	1	30	17	-	-	1	-
Michigan-----	1	-	1	-	2	2	19	22	-	-	-	-
Wisconsin-----	6	2	-	-	-	1	10	-	-	-	-	-
WEST NORTH CENTRAL-----	17	5	1	2	5	2	124	77	2	1	-	-
Minnesota-----	6	3	-	1	1	-	33	11	-	-	-	-
Iowa-----	9	-	1	-	1	-	56	28	-	1	-	-
Missouri-----	-	-	-	-	-	-	8	15	1	-	-	-
North Dakota-----	-	1	-	-	2	2	7	4	-	-	-	-
South Dakota-----	1	-	-	-	-	-	5	6	-	-	-	-
Nebraska-----	-	-	-	1	1	-	8	6	-	-	-	-
Kansas-----	1	1	-	-	-	-	7	7	1	-	-	-
SOUTH ATLANTIC-----	2	6	4	3	4	3	83	90	-	1	1	8
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	-	1	-	15	5	-	-	-	-
District of Columbia-----	-	-	-	-	-	1	3	-	-	-	-	-
Virginia-----	2	2	-	1	-	2	39	53	-	-	1	2
West Virginia-----	-	-	-	-	-	-	4	8	-	-	-	-
North Carolina-----	-	-	-	-	-	-	7	12	-	-	-	-
South Carolina-----	-	1	2	2	-	-	1	-	-	1	-	3
Georgia-----	-	3	1	-	1	-	7	7	-	-	-	3
Florida-----	-	1	-	1	2	-	7	5	-	-	-	-
EAST SOUTH CENTRAL-----	2	4	16	2	2	2	62	68	-	1	11	4
Kentucky-----	-	-	1	1	-	-	14	14	-	-	11	4
Tennessee-----	-	-	-	1	1	2	15	6	-	-	-	-
Alabama-----	-	2	14	-	1	-	8	20	-	-	-	-
Mississippi-----	2	2	1	-	-	-	25	28	-	1	-	-
WEST SOUTH CENTRAL-----	7	4	4	2	3	2	73	41	6	3	2	6
Arkansas-----	2	1	-	-	-	1	12	4	-	-	-	-
Louisiana-----	2	-	2	-	-	-	16	-	-	-	2	6
Oklahoma-----	2	1	-	-	2	-	4	2	1	-	-	-
Texas-----	1	2	2	2	1	1	41	35	5	3	-	-
MOUNTAIN-----	-	-	-	5	-	1	43	7	-	1	-	-
Montana-----	-	-	-	-	-	1	2	-	-	-	-	-
Idaho-----	-	-	-	5	-	-	7	4	-	-	-	-
Wyoming-----	-	-	-	-	-	-	4	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	5	3	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	-	-	-	-	-	-	25	-	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	-	-	3	12	-	67	52	-	1	4	24
Washington-----	-	-	-	2	-	-	13	12	-	-	-	4
Oregon-----	-	-	-	1	1	-	18	15	-	-	-	-
California-----	2	-	-	-	11	-	36	25	-	1	4	20
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	4
Puerto Rico-----	-	-	3	4	-	-	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 AUGUST 8, 1953, AND AUGUST 7, 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-----	3,247	1,960	44	50	1,612	1,870	585	496	553	620	17	9
NEW ENGLAND-----	417	48	2	2	41	77	7	28	24	24	-	-
Maine-----	25	13	-	-	5	8	2	7	3	1	-	-
New Hampshire-----	5	-	1	-	-	8	-	-	-	-	-	-
Vermont-----	83	6	-	2	-	8	-	5	-	1	-	-
Massachusetts-----	240	13	1	-	14	19	4	8	9	10	-	-
Rhode Island-----	19	-	-	-	4	10	-	4	4	4	-	-
Connecticut-----	45	16	-	-	18	24	1	4	8	8	-	-
MIDDLE ATLANTIC-----	915	196	9	11	126	229	35	30	30	23	3	2
New York-----	474	110	2	2	50	125	13	30	21	23	1	1
New Jersey-----	280	26	2	2	36	51	22	-	9	-	-	1
Pennsylvania-----	161	60	5	7	40	53	-	-	-	-	2	-
EAST NORTH CENTRAL-----	544	467	4	7	335	470	121	99	91	142	3	-
Ohio-----	95	58	1	4	104	119	30	17	14	12	1	-
Indiana-----	22	26	1	1	39	46	18	-	5	-	2	-
Illinois-----	116	119	1	1	78	117	41	34	27	40	-	-
Michigan-----	145	114	1	-	95	158	30	48	40	90	-	-
Wisconsin-----	166	150	-	1	19	30	2	-	5	-	-	-
WEST NORTH CENTRAL-----	113	72	5	5	209	294	76	68	80	86	-	-
Minnesota-----	16	8	3	2	28	139	8	31	13	43	-	-
Iowa-----	27	29	-	2	84	48	25	14	51	25	-	-
Missouri-----	34	-	-	-	30	58	16	15	7	8	-	-
North Dakota-----	26	9	-	-	5	14	1	4	-	5	-	-
South Dakota-----	2	3	-	1	1	5	-	-	-	-	-	-
Nebraska-----	2	12	1	-	32	12	22	4	7	5	-	-
Kansas-----	6	11	1	-	29	18	4	-	2	-	-	-
SOUTH ATLANTIC-----	303	123	10	4	234	235	89	79	84	110	5	5
Delaware-----	4	2	1	-	4	1	3	-	1	-	-	-
Maryland-----	22	11	-	-	8	32	5	15	3	17	1	1
District of Columbia-----	7	3	-	1	3	7	2	2	1	4	-	-
Virginia-----	95	42	1	2	39	47	22	17	17	27	3	1
West Virginia-----	89	2	1	-	10	39	6	13	3	20	-	1
North Carolina-----	10	16	-	-	54	51	15	15	24	20	-	2
South Carolina-----	6	10	1	-	15	10	4	3	4	1	1	-
Georgia-----	18	27	5	1	41	26	16	10	3	11	-	-
Florida-----	52	10	1	-	60	22	16	4	28	10	-	-
EAST SOUTH CENTRAL-----	96	56	3	7	150	141	41	45	47	37	4	2
Kentucky-----	12	11	-	2	48	28	15	13	23	6	2	-
Tennessee-----	46	16	1	1	54	62	5	15	16	19	1	1
Alabama-----	15	18	2	4	19	29	13	17	5	12	-	1
Mississippi-----	23	11	-	-	29	22	8	-	3	-	1	-
WEST SOUTH CENTRAL-----	265	264	6	3	213	156	78	53	84	67	-	-
Arkansas-----	4	19	-	1	9	21	4	15	4	5	-	-
Louisiana-----	2	3	-	-	18	18	10	7	8	11	-	-
Oklahoma-----	11	5	1	-	34	36	11	12	12	7	-	-
Texas-----	248	237	5	2	152	81	53	19	60	44	-	-
MOUNTAIN-----	115	114	-	2	70	84	11	25	17	32	2	-
Montana-----	25	10	-	1	4	6	1	1	2	5	-	-
Idaho-----	7	19	-	-	4	4	-	-	-	-	-	-
Wyoming-----	1	3	-	-	11	7	2	3	1	2	-	-
Colorado-----	7	20	-	1	16	16	6	9	8	6	1	-
New Mexico-----	26	27	-	-	11	7	2	-	4	-	-	-
Arizona-----	22	4	-	-	7	31	-	11	2	15	-	-
Utah-----	17	31	-	-	8	8	-	-	-	-	1	-
Nevada-----	10	-	-	-	9	5	-	1	-	4	-	-
PACIFIC-----	479	620	5	9	234	184	127	69	96	99	-	-
Washington-----	61	104	-	1	14	14	5	-	4	-	-	-
Oregon-----	39	63	-	-	9	13	4	3	3	9	-	-
California-----	379	453	5	8	211	157	118	66	89	90	-	-
Alaska-----	20	4	-	1	18	-	8	-	9	-	-	-
Hawaii-----	31	2	1	-	3	3	1	2	2	1	-	-
Puerto Rico-----	66	24	1	-	-	-	-	-	-	-	-	-

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

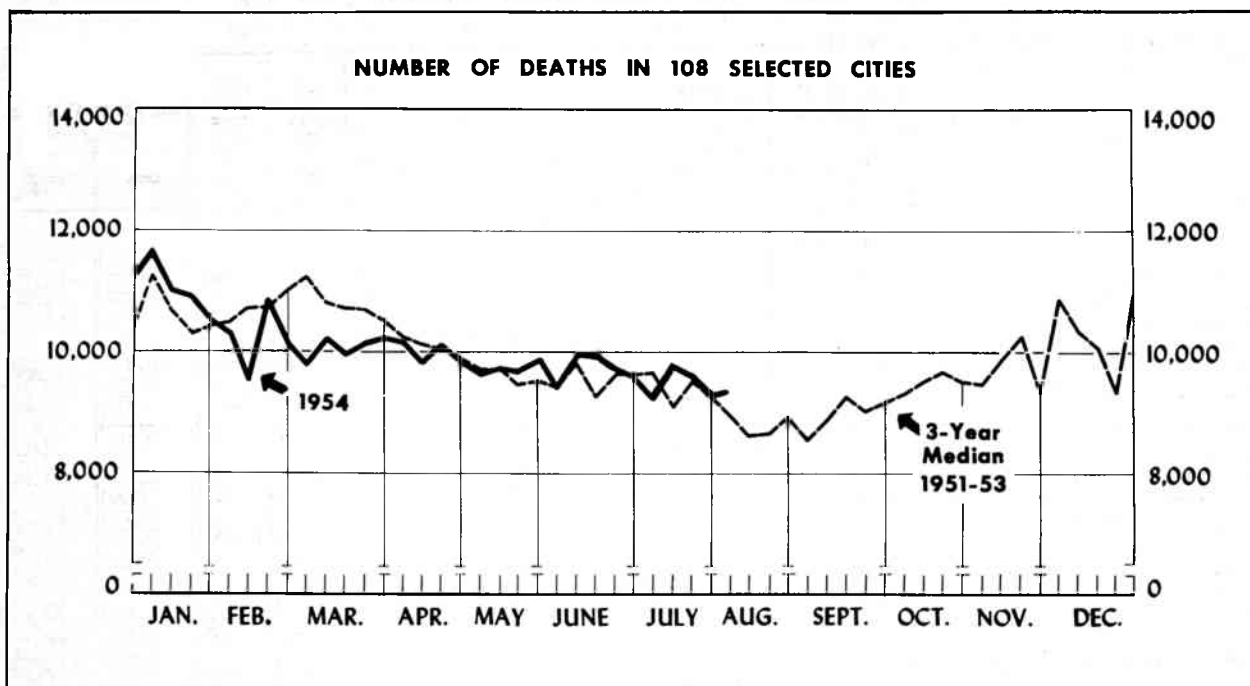
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 8, 1953, AND AUGUST 7, 1954—Continued

(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)		TRICHINIASIS (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-----	1,427	1,110	5	8	11	72	88	6	1,248	764	80	111
NEW ENGLAND-----	41	32	1	-	-	2	3	-	49	50	-	-
Maine-----	11	4	-	-	-	-	2	-	-	3	-	-
New Hampshire-----	5	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	2	-	-	-	-	-	-	-	2	4	-	-
Massachusetts-----	20	21	1	-	-	1	-	-	22	28	-	-
Rhode Island-----	-	1	-	-	-	-	-	-	7	1	-	-
Connecticut-----	3	6	-	-	-	1	1	-	18	14	-	-
MIDDLE ATLANTIC-----	58	59	3	-	-	9	5	-	240	267	1	11
New York-----	34	42	2	-	-	4	2	-	91	136	1	11
New Jersey-----	7	7	-	-	-	2	-	-	49	52	-	-
Pennsylvania-----	17	10	1	-	-	3	3	-	100	79	-	-
EAST NORTH CENTRAL-----	78	78	-	-	2	11	11	-	295	153	15	13
Ohio-----	9	14	-	-	-	6	2	-	49	39	2	1
Indiana-----	24	7	-	-	-	-	6	-	15	6	8	3
Illinois-----	18	13	-	-	2	2	3	-	41	11	1	7
Michigan-----	17	17	-	-	-	2	-	-	148	81	-	2
Wisconsin-----	10	27	-	-	-	1	-	-	42	16	4	-
WEST NORTH CENTRAL-----	41	19	1	-	-	4	5	-	87	29	18	8
Minnesota-----	15	7	1	-	-	1	-	-	20	1	6	2
Iowa-----	7	4	-	-	-	2	1	-	12	3	5	3
Missouri-----	4	2	-	-	-	1	4	-	17	16	7	3
North Dakota-----	13	-	-	-	-	-	-	-	14	-	-	-
South Dakota-----	-	1	-	-	-	-	-	-	4	3	-	-
Nebraska-----	2	2	-	-	-	-	-	-	-	1	-	-
Kansas-----	-	3	-	-	-	-	-	-	20	5	-	-
SOUTH ATLANTIC-----	87	121	-	2	4	8	16	2	154	25	15	25
Delaware-----	-	2	-	-	-	-	-	-	-	-	-	-
Maryland-----	5	6	-	-	-	1	3	-	25	6	-	-
District of Columbia-----	1	2	-	-	-	-	-	-	6	3	-	-
Virginia-----	62	49	-	1	3	1	2	-	36	2	4	6
West Virginia-----	5	13	-	-	-	-	4	-	19	3	7	6
North Carolina-----	5	2	-	-	-	1	1	-	28	5	-	2
South Carolina-----	2	1	-	-	-	-	2	1	14	5	3	7
Georgia-----	2	35	-	1	1	4	3	1	21	-	1	2
Florida-----	5	13	-	-	-	1	1	-	5	1	-	2
EAST SOUTH CENTRAL-----	30	33	-	1	2	16	22	1	111	31	15	25
Kentucky-----	17	2	-	-	-	6	4	-	31	13	5	4
Tennessee-----	11	23	-	-	-	3	7	-	34	15	2	6
Alabama-----	-	3	-	-	-	4	3	1	36	2	5	9
Mississippi-----	2	5	-	1	2	3	8	-	10	1	3	6
WEST SOUTH CENTRAL-----	692	626	-	1	1	17	11	3	132	108	13	25
Arkansas-----	23	52	-	-	-	6	3	-	12	37	2	2
Louisiana-----	2	1	-	-	-	1	1	-	5	-	-	-
Oklahoma-----	33	7	-	-	-	4	-	-	13	4	-	-
Texas-----	634	566	-	1	1	6	7	3	102	67	11	23
MOUNTAIN-----	306	44	-	3	1	2	11	-	26	25	-	1
Montana-----	1	2	-	-	-	-	-	-	4	7	-	-
Idaho-----	6	21	-	-	-	-	-	-	-	-	-	-
Wyoming-----	3	1	-	2	1	-	-	-	-	-	-	-
Colorado-----	36	7	-	-	-	1	-	-	4	4	-	-
New Mexico-----	6	-	-	-	-	1	4	-	2	3	-	-
Arizona-----	234	5	-	-	-	-	7	-	9	8	-	1
Utah-----	20	8	-	1	-	-	-	-	7	3	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	94	98	-	1	1	3	4	-	154	76	3	3
Washington-----	7	18	-	-	-	-	-	-	5	21	-	-
Oregon-----	23	12	-	1	-	-	-	-	10	29	-	-
California-----	64	68	-	-	1	3	4	-	139	26	3	3
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	8	4	-	-
Puerto Rico-----	-	-	-	-	-	2	-	-	30	22	-	2

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city 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	31st week ended August 7, 1954	30th week ended July 31, 1954	31st week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 31 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	9,307	9,251	8,931	+4.2	308,366	318,768	-3.3
New England----- (14 cities)	563	564	545	+3.3	20,426	21,035	-2.9
Middle Atlantic----- (16 cities)	2,721	2,686	2,598	+4.7	89,890	93,767	-4.1
East North Central----- (18 cities)	1,930	1,889	1,933	-0.2	67,710	70,023	-3.3
West North Central----- (8 cities)	700	704	661	+5.9	22,523	23,454	-4.0
South Atlantic----- (9 cities)	810	744	678	+19.5	23,722	24,683	-3.9
East South Central----- (8 cities)	469	493	462	+1.5	14,403	14,857	-3.1
West South Central----- (13 cities)	860	831	734	+17.2	24,275	24,548	-1.1
Mountain----- (8 cities)	226	191	224	+0.9	7,140	7,753	-7.9
Pacific----- (12 cities)	1,028	1,149	1,129	-8.9	38,277	38,648	-1.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 7, 1954

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

CITY	31st week ended Aug. 7, 1954	30th week ended July 31, 1954	CUMULATIVE NUMBER FOR FIRST 31 WEEKS		CITY	31st week ended Aug. 7, 1954	30th week ended July 31, 1954	CUMULATIVE NUMBER FOR FIRST 31 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	209	188	6,838	7,062	St. Louis-----	240	244	7,372	7,806
Bridgeport-----	28	43	1,101	1,065	St. Paul-----	43	55	2,002	1,962
Cambridge-----	25	17	866	867	Wichita-----	50	53	1,390	1,273
Fall River-----	19	28	872	889	SOUTH ATLANTIC				
Hartford-----	37	30	1,394	1,443	Atlanta-----	100	116	3,270	3,292
Lowell-----	26	26	855	789	Baltimore-----	233	200	6,770	7,164
Lynn-----	19	16	680	684	Charlotte-----	37	21	929	893
New Bedford-----	19	23	699	724	Jacksonville-----	(46)	(70)	(1,558)	---
New Haven-----	35	35	1,344	1,370	Miami-----	79	92	2,031	1,938
Providence-----	40	60	1,837	1,867	Norfolk-----	37	32	935	1,017
Somerville-----	9	14	434	489	Richmond-----	49	55	1,956	2,040
Springfield, Mass.-----	21	26	1,204	1,212	Savannah-----	(31)	(42)	(889)	---
Waterbury-----	19	18	758	821	Tampa-----	43	46	1,658	1,689
Worcester-----	57	40	1,544	1,753	Washington, D. C.-----	200	147	5,158	5,613
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	28	37	1,378	1,401	Birmingham-----	81	66	2,345	2,288
Allentown-----	(54)	(25)	(1,047)	---	Chattanooga-----	41	60	1,379	1,451
Buffalo-----	113	133	4,277	4,496	Knoxville-----	31	34	1,059	1,030
Camden-----	43	26	1,146	1,138	Louisville-----	128	118	3,338	3,292
Elizabeth-----	---	(40)	---	(834)	Memphis-----	70	99	2,969	3,321
Erie-----	32	23	1,068	1,076	Mobile-----	34	35	970	969
Jersey City-----	55	55	2,146	2,174	Montgomery-----	27	28	798	850
Newark, N. J.-----	89	97	3,045	3,285	Nashville-----	57	53	1,545	1,656
New York City-----	1,445	1,474	47,720	49,612	WEST SOUTH CENTRAL				
Paterason-----	31	43	1,193	1,215	Austin-----	29	34	802	790
Philadelphia-----	490	432	14,482	15,223	Baton Rouge-----	26	17	675	452
Pittsburgh-----	156	134	5,011	5,417	Corpus Christi-----	24	23	528	546
Reading-----	(17)	(18)	(639)	---	Dallas-----	69	124	3,093	2,998
Rochester, N. Y.-----	63	74	2,809	2,984	El Paso-----	20	31	851	878
Schenectady-----	23	25	744	739	Fort Worth-----	53	66	1,706	1,839
Scranton-----	(38)	(23)	(1,061)	---	Houston-----	86	123	3,766	3,894
Syracuse-----	54	41	1,690	1,688	Little Rock-----	43	38	1,309	1,361
Trenton-----	41	38	1,392	1,504	New Orleans-----	136	129	4,588	4,991
Utica-----	33	31	950	990	Oklahoma City-----	64	66	1,871	1,742
Yonkers-----	25	23	839	825	San Antonio-----	110	86	2,418	2,578
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	45	50	1,726	1,807	Albuquerque-----	23	18	811	836
Canton-----	29	22	892	861	Colorado Springs-----	12	8	369	426
Chicago-----	640	582	22,475	23,239	Denver-----	97	89	3,182	3,421
Cincinnati-----	141	130	4,364	4,589	Ogden-----	16	13	333	393
Cleveland-----	163	189	6,231	6,408	Phoenix-----	21	15	662	732
Columbus-----	87	84	3,139	3,266	Pueblo-----	15	14	417	427
Dayton-----	52	67	1,968	1,957	Salt Lake City-----	37	29	1,244	1,357
Detroit-----	289	279	9,662	9,905	Tucson-----	5	5	122	161
Evansville-----	21	30	944	1,045	PACIFIC				
Flint-----	31	27	1,160	1,161	Berkeley-----	19	14	547	516
Fort Wayne-----	25	33	806	933	Long Beach-----	50	47	1,512	1,476
Gary-----	(23)	(29)	(765)	---	Los Angeles-----	340	453	13,649	13,857
Grand Rapids-----	35	33	1,197	1,231	Oakland-----	80	60	2,857	2,980
Indianapolis-----	90	86	3,451	3,524	Pasadena-----	45	21	1,023	1,076
Milwaukee-----	113	108	3,798	3,828	Portland, Oreg.-----	86	92	3,073	3,152
Peoria-----	36	23	938	976	Sacramento-----	33	48	1,448	1,481
South Bend-----	13	15	709	744	San Diego-----	58	69	2,242	2,220
Toledo-----	84	91	2,767	2,874	San Francisco-----	135	175	5,677	5,953
Youngstown-----	36	40	1,483	1,675	Seattle-----	111	96	3,777	3,596
WEST NORTH CENTRAL					SOUTH WEST CENTRAL				
Des Moines-----	48	56	1,562	1,561	Spokane-----	38	36	1,374	1,299
Duluth-----	34	28	841	844	Tacoma-----	33	38	1,073	1,042
Kansas City, Kans.-----	---	(35)	---	(1,079)	Honolulu-----	(40)	(32)	(1,048)	(984)
Kansas City, Mo.-----	107	113	3,852	3,942					
Minneapolis-----	117	95	3,573	4,010					
Omaha-----	61	60	1,931	2,056					

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

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