

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 14, 1955

During the week ended May 14, a total of 196 cases of poliomyelitis was reported in the United States. This represents an increase of about 32 percent over the number (149) for last week, and is about 30 percent in excess of the total (151) for the corresponding week of last year. The figure for the current week excludes any report from Pennsylvania where a total of 2 cases was reported last week. The States reporting large increases over last week are: California, from 27 to 45 cases; Texas, 13 to 19; Michigan, 1 to 10; New York, 5 to 12; Mississippi, 1 to 8; Oregon, 1 to 7; and Georgia, 4 to 9.

California reported the largest number of cases (44 civilian and 1 military). Of the cases among civilians, 24 were paralytic, 9 of which had received vaccine; and 20 were nonparalytic, 3 of which had received vaccine.

The Poliomyelitis Surveillance Unit, CDC, has reported that up to May 17, 1955, 77 cases of poliomyelitis have been reported in 22 States as having occurred in persons who had received poliomyelitis vaccine--59 following inoculation of vaccine from one manufacturer, 13 from another, and 5 from a third. Sixty-nine are paralytic cases, and 5 have died. The majority occurred in California and Idaho. Cases following the use of vaccine from one manufacturer showed a high degree of correlation (in 40 of 59) between the site of first paralysis and the site of inoculation. This was not apparent in cases following use of the vaccine from other manufacturers. The interval between inoculation and first paralysis ranged from 5 to 20 days in the 59 cases. The expected number of cases based on a 5-year median among those inoculated with this vaccine was 3 during the 3-week period ended May 7. However, 28 cases were reported. Expected and reported cases were essentially the same in children receiving other types of vaccine. Type 1 virus has been isolated from 8 cases; type 2 from 1; and type 3 from 1. As of May 17, there have been 23 cases of poliomyelitis in household contacts of children receiving one type of vaccine in 9 different States. Eleven of the cases have been in adults, and one died. Type 1 virus has been isolated from several of these cases. These, as well as cases among inoculated children, have been reported to be relatively severe.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

According to the monthly report from the Department of Agriculture, there were 8 outbreaks of anthrax in animals during April. They occurred in 5 States and resulted in the loss of 15 cattle and 2 hogs. Infected soil was suspected to be the source of 4 outbreaks but the source of the others was not determined. No anthrax outbreaks occurred in 37 States, the District of Columbia, Hawaii, and Puerto Rico during April.

Influenza

The following reports have been received by the WHO Influenza Information Center, NIH, and the National Office of Vital Statistics.

Dr. Irving Gordon, New York State Department of Health, reports a serologic diagnosis of influenza by the complement fixation test. The patient lives in Philmont, New York, and the onset of illness was April 7, 1955.

Dr. E. H. Lennette, California Department of Public Health,

reports a serologic diagnosis of influenza A in a person from Napa, California. The onset of illness was April 12. Diagnoses of influenza B were made for 12 persons in scattered areas in California during the latter part of March and the first 2 weeks of April.

Dr. W. R. Giedt, Washington State Department of Health, reports that blood specimens were examined from 28 persons experiencing moderately severe respiratory illnesses during April. Of these, 17 revealed significantly high titers against influenza A prime. Paired sera were obtained from 5--1 showed an eight-fold rise for A prime, 1 a two-fold rise, and the others remained at the same levels from 1:32 to 1:512. The incidence of these illnesses and significant laboratory results have fallen off sharply since April.

Q fever

Dr. R. H. Heeren, Iowa Department of Health, reports a case of Q fever in a man who lives on a farm with his 2 bachelor brothers. He became ill suddenly with fever, chills, malaise, and weakness 12 days after returning from a month's vacation in the southwestern part of the United States. Complement fixation tests were positive for the disease in dilutions of 1:128 and 1:256 for blood specimens collected on the 26th and 33d days of illness, respectively. The patient had been in contact with animals on the farm and at a rodeo while on vacation. One brother and a friend who accompanied him on vacation, as well as the brother who remained home, did not become ill.

Trichiniasis

Dr. A. A. Jenkins, Utah Department of Health, reports a case of trichiniasis in a 22-year-old woman. The illness was characterized by muscular soreness, edema of eyelids, and marked eosinophilia of 20 percent. The source of infection was traced to bacon which had been consumed in a rare state 8 days prior to the appearance of symptoms.

Dr. Andrew Fleck, county health officer in New York State, reports 3 cases of trichiniasis in persons who ingested improperly cooked pork. The diagnosis was confirmed by laboratory examination.

Gastro-enteritis

Dr. S. H. Osborn, Connecticut Department of Health, reports an outbreak of gastro-enteritis among 1,100 persons who attended a dinner at a hotel. Of 750 persons interviewed, it was found that about 500 had experienced some illness. Illnesses began from 5 to 46 hours after eating, with most cases occurring from 10 to 12 hours after the dinner. All those who were ill had eaten roast beef. An investigation revealed that the meat had been cooked 2 days earlier and had been improperly stored, being kept at room temperature most of the time prior to serving. Laboratory examination of stool cultures of 17 patients showed no enteric pathogens. The results of nose and throat cultures of the food handlers have not yet been received.

Dr. A. M. Washburn, Arkansas State Board of Health, reports an outbreak of gastro-enteritis among guests at a wedding reception. It was estimated that more than a hundred persons became ill within 4 hours following the reception meal. The report of this outbreak was received late in the State office and the source of infection was not determined.

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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	19th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 14, 1955	Ended May 15, 1954	Median 1950-54	First 19 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	-	1	12	7	14	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	5	6	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	30	26	---	417	539	---	---	---	---	---
Diphtheria-----055	20	37	47	572	715	1,185	1,789	2,060	3,367	July 1
Encephalitis, infectious-----082	31	33	22	467	467	349	1,819	1,194	1,160	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	550	1,145	---	16,168	24,320	---	---	---	---	---
Malaria-----110-117	7	8	---	87	142	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	22,874	29,483	25,049	379,174	410,717	318,251	434,924	446,809	347,641	Sept. 1
Meningococcal infections-----057	70	99	89	1,740	2,098	2,098	2,832	3,420	3,420	Sept. 1
Polio-myelitis-----080	196	151	101	² 1,793	2,271	1,778	² 729	718	460	Apr. 1
Psittacosis-----096.2	³ 11	9	---	133	91	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	-	3	1	2	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	7	12	7	26	35	23	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	3,407	3,522	2,641	81,833	83,447	59,091	119,224	118,081	75,413	Aug. 1
Smallpox-----084	-	-	-	-	-	5	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	2	8	---	55	110	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	14	6	10	220	226	260	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	36	33	32	495	579	566	188	173	171	Apr. 1
Typhus fever, endemic-----101	2	3	---	27	49	---	(¹)	(¹)	(¹)	(¹)
Whooping cough-----056	1,647	1,179	1,179	25,037	20,351	21,034	42,319	30,108	35,240	Oct. 1
Rabies in animals-----	94	162	164	2,402	3,269	3,187	3,755	5,040	---	Oct. 1

¹Frequencies are too small.

²Deductions: Maryland, week ended April 30, 1 case; Florida, 3 delayed cases—not allocated to specific week.

³California, Georgia, Iowa, Ohio, and Texas, 1 case each; Minnesota, 2; and New York, 4.

NOTE.—No report for the current week has been received from Pennsylvania.

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 MAY 15, 1954, AND MAY 14, 1955

(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	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	30	26	20	37	31	33	550	1,145	5	6	2	2
NEW ENGLAND-----	-	-	1	2	3	1	54	66	-	1	-	-
Maine-----	-	-	-	-	-	-	5	26	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	2	-	-	-	-	-
Massachusetts-----	-	-	1	2	3	1	23	26	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	8	-	-	-	-
Connecticut-----	-	-	-	-	-	-	17	6	-	1	-	-
MIDDLE ATLANTIC-----	1	2	-	3	9	7	103	253	-	-	-	-
New York-----	1	1	-	-	9	6	98	181	-	-	-	-
New Jersey-----	-	1	-	2	-	1	5	17	-	-	-	-
Pennsylvania-----	-	-	1	-	-	-	-	55	-	-	-	-
EAST NORTH CENTRAL-----	8	5	1	2	3	6	84	123	1	-	-	-
Ohio-----	-	1	-	-	-	-	21	19	1	-	-	-
Indiana-----	-	-	-	2	-	1	12	17	-	-	-	-
Illinois-----	2	2	-	-	-	1	8	52	-	-	-	-
Michigan-----	1	-	1	-	3	3	33	20	-	-	-	-
Wisconsin-----	5	2	-	-	-	1	10	15	-	-	-	-
WEST NORTH CENTRAL-----	10	10	2	1	3	1	75	218	-	-	-	-
Minnesota-----	5	2	2	1	-	-	23	44	-	-	-	-
Iowa-----	5	7	-	-	-	-	21	141	-	-	-	-
Missouri-----	-	1	-	-	1	-	7	7	-	-	-	-
North Dakota-----	-	-	-	-	1	-	2	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	4	4	-	-	-	-
Nebraska-----	-	-	-	-	-	-	7	-	-	-	-	-
Kansas-----	-	-	-	-	1	1	11	18	-	-	-	-
SOUTH ATLANTIC-----	2	4	5	12	1	2	46	139	-	1	-	1
Delaware-----	-	1	-	-	-	-	-	2	-	-	-	-
Maryland-----	-	1	-	-	-	-	8	22	-	1	-	-
District of Columbia-----	-	-	-	-	-	-	1	3	-	-	-	-
Virginia-----	2	1	-	-	1	-	18	56	-	-	-	1
West Virginia-----	-	-	2	1	-	-	4	7	-	-	-	-
North Carolina-----	-	-	-	2	-	2	8	34	-	-	-	-
South Carolina-----	-	-	2	2	-	-	-	8	-	-	-	-
Georgia-----	-	1	1	3	-	-	3	-	-	-	-	-
Florida-----	-	-	-	4	-	-	4	7	-	-	-	-
EAST SOUTH CENTRAL-----	3	-	5	3	2	-	30	49	-	-	-	-
Kentucky-----	1	-	1	-	-	-	8	6	-	-	-	-
Tennessee-----	2	-	1	1	1	-	9	28	-	-	-	-
Alabama-----	-	-	2	1	-	-	3	3	-	-	-	-
Mississippi-----	-	-	1	1	1	-	10	12	-	-	-	-
WEST SOUTH CENTRAL-----	4	2	4	7	2	7	27	79	4	2	-	1
Arkansas-----	2	-	-	-	-	6	7	4	-	-	-	-
Louisiana-----	2	-	-	-	-	-	-	19	-	-	-	1
Oklahoma-----	-	-	1	3	-	-	2	9	1	1	-	-
Texas-----	-	2	3	4	2	1	18	47	3	1	-	-
MOUNTAIN-----	1	1	-	4	2	-	52	66	-	1	-	-
Montana-----	-	-	-	2	2	-	11	4	-	-	-	-
Idaho-----	-	-	-	-	-	-	8	15	-	-	-	-
Wyoming-----	-	-	-	-	-	-	11	1	-	-	-	-
Colorado-----	-	-	-	-	-	-	4	29	-	-	-	-
New Mexico-----	-	1	-	-	-	-	7	1	-	-	-	-
Arizona-----	-	-	-	-	-	-	8	13	-	1	-	-
Utah-----	1	-	-	2	-	-	3	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	1	2	2	3	6	9	79	152	-	1	2	-
Washington-----	-	-	1	1	-	-	18	30	-	-	1	-
Oregon-----	-	-	-	2	1	-	28	39	-	-	-	-
California-----	1	2	1	-	5	9	33	83	-	1	1	-
Alaska-----	-	-	-	-	-	-	-	4	-	-	-	-
Hawaii-----	-	1	-	-	-	-	3	1	-	-	1	1
Puerto Rico-----	-	-	-	2	-	-	-	-	-	-	-	-

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 MAY 15, 1954, AND MAY 14, 1955--Continued

(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)	
					Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)			
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	22,874	29,483	70	99	196	151	80	51	73	51	7	12
NEW ENGLAND-----	2,554	1,064	4	6	2	2	2	1	-	1	-	-
Maine-----	104	123	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	54	7	-	-	-	-	-	-	-	-	-	-
Vermont-----	206	56	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,004	695	3	3	1	2	1	1	-	1	-	-
Rhode Island-----	110	64	-	-	1	-	1	-	-	-	-	-
Connecticut-----	1,076	119	1	3	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	3,583	6,113	6	11	13	6	6	2	4	1	-	2
New York-----	1,503	3,202	4	5	12	4	6	1	4	-	-	-
New Jersey-----	2,080	1,077	2	4	1	2	-	1	-	1	-	2
Pennsylvania-----	-	1,834	-	2	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL-----	6,657	6,012	12	15	26	6	9	1	8	-	-	1
Ohio-----	1,309	1,180	4	3	2	1	-	-	1	-	-	1
Indiana-----	364	715	-	3	7	1	1	-	-	-	-	-
Illinois-----	549	2,040	3	8	7	2	5	-	1	-	-	-
Michigan-----	668	1,686	4	-	10	2	3	1	6	-	-	-
Wisconsin-----	3,767	391	1	1	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	868	1,074	9	5	13	9	4	1	9	4	-	-
Minnesota-----	137	43	1	1	2	-	-	-	2	-	-	-
Iowa-----	286	671	-	-	3	2	1	1	2	1	-	-
Missouri-----	211	55	6	-	2	3	2	-	-	1	-	-
North Dakota-----	28	82	-	1	1	-	-	-	1	-	-	-
South Dakota-----	8	57	-	1	-	-	-	-	-	-	-	-
Nebraska-----	8	103	-	2	3	2	1	-	2	2	-	-
Kansas-----	190	63	2	-	2	2	-	-	2	-	-	-
SOUTH ATLANTIC-----	772	4,251	15	16	29	35	9	6	13	13	5	6
Delaware-----	10	131	-	-	2	-	2	-	-	-	-	-
Maryland-----	114	457	2	1	-	-	-	-	-	-	2	4
District of Columbia-----	19	89	-	2	-	-	-	-	-	-	-	-
Virginia-----	147	1,644	2	3	4	-	2	-	2	-	1	2
West Virginia-----	166	422	2	-	4	2	1	-	-	-	-	-
North Carolina-----	78	366	4	3	4	2	1	1	2	1	1	-
South Carolina-----	67	135	-	3	1	2	1	1	-	-	-	-
Georgia-----	101	288	2	-	9	6	2	1	5	-	-	-
Florida-----	70	719	3	4	5	23	-	3	4	12	1	-
EAST SOUTH CENTRAL-----	450	1,185	4	13	10	6	2	2	5	-	2	-
Kentucky-----	41	411	1	9	1	2	-	2	-	-	1	-
Tennessee-----	259	357	1	3	-	-	-	-	-	-	1	-
Alabama-----	84	335	1	1	1	2	1	-	-	-	-	-
Mississippi-----	66	82	1	-	8	2	1	-	5	-	-	-
WEST SOUTH CENTRAL-----	2,109	4,059	7	13	25	47	11	17	10	20	-	-
Arkansas-----	195	59	-	1	2	3	-	1	2	2	-	-
Louisiana-----	6	63	1	2	4	2	3	2	1	-	-	-
Oklahoma-----	143	176	2	2	-	5	-	4	-	1	-	-
Texas-----	1,765	3,761	4	8	19	37	8	10	7	17	-	-
MOUNTAIN-----	943	1,233	3	5	22	7	5	1	1	-	-	3
Montana-----	44	280	-	1	-	-	-	-	-	-	-	-
Idaho-----	15	203	-	-	9	1	-	-	-	-	-	-
Wyoming-----	2	22	-	-	2	-	-	-	1	-	-	1
Colorado-----	198	102	3	-	3	-	3	-	-	-	-	1
New Mexico-----	134	138	-	3	1	-	1	-	-	-	-	-
Arizona-----	474	232	-	1	1	4	1	1	-	-	-	1
Utah-----	19	190	-	-	1	1	-	-	-	-	-	-
Nevada-----	57	66	-	-	5	1	-	-	-	-	-	-
PACIFIC-----	4,938	4,492	10	15	56	33	32	20	23	12	-	-
Washington-----	481	942	3	3	4	3	3	2	1	1	-	-
Oregon-----	263	189	1	3	7	1	4	1	2	-	-	-
California-----	4,194	3,361	6	9	45	29	25	17	20	11	-	-
Alaska-----	5	125	-	-	-	-	-	-	-	-	-	-
Hawaii-----	216	2	-	-	-	4	-	4	-	-	-	-
Puerto Rico-----	-	63	-	-	-	-	-	-	-	-	-	-

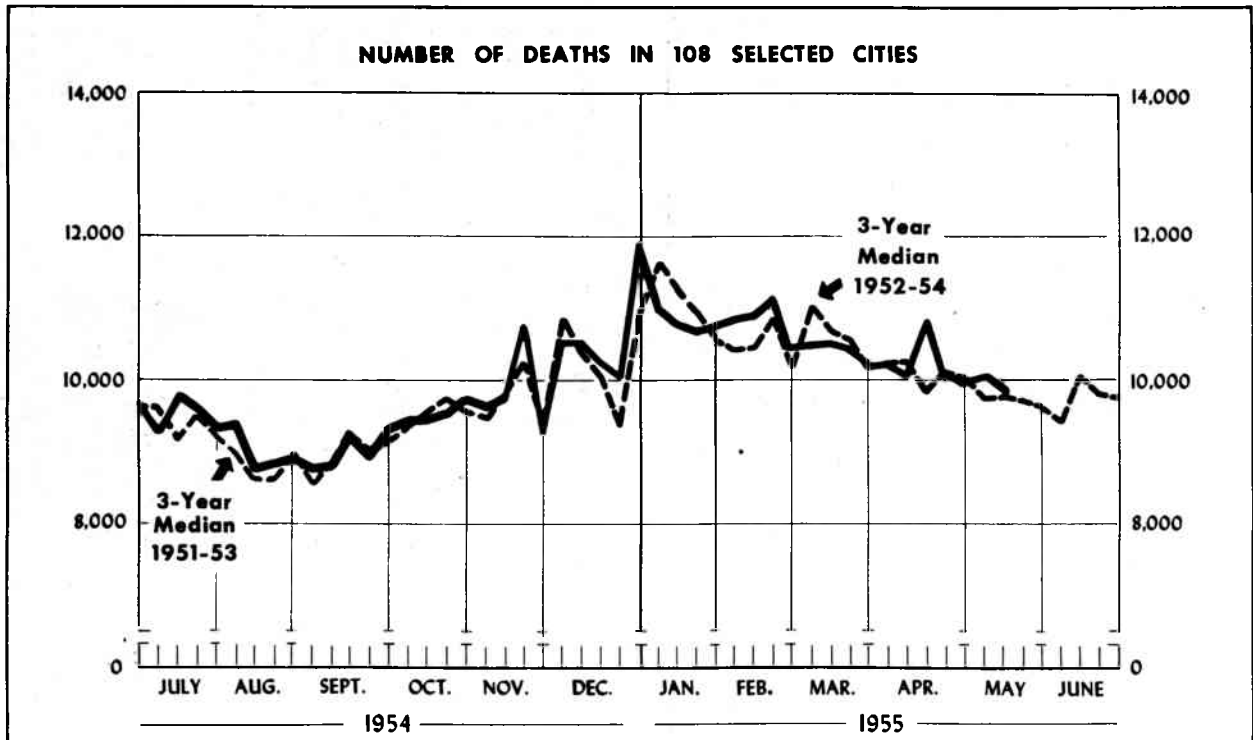
²Includes cases not specified by type, category number (080.3).

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 15, 1954, AND MAY 14, 1955—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 SCORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	3,407	3,522	2	14	6	36	33	2	1,647	1,179	94	162
NEW ENGLAND-----	383	308	-	-	-	-	-	-	153	130	-	-
Maine-----	16	74	-	-	-	-	-	-	14	1	-	-
New Hampshire-----	12	18	-	-	-	-	-	-	1	6	-	-
Vermont-----	3	5	-	-	-	-	-	-	48	13	-	-
Massachusetts-----	309	115	-	-	-	-	-	-	35	51	-	-
Rhode Island-----	5	21	-	-	-	-	-	-	13	13	-	-
Connecticut-----	38	75	-	-	-	-	-	-	42	46	-	-
MIDDLE ATLANTIC-----	310	456	2	-	-	-	7	-	81	190	7	2
New York-----	251	226	2	-	-	-	-	-	42	89	7	2
New Jersey-----	59	53	-	-	-	-	5	-	39	19	-	-
Pennsylvania-----	-	177	-	-	-	-	2	-	-	82	-	-
EAST NORTH CENTRAL-----	623	464	-	3	2	4	2	-	256	199	11	21
Ohio-----	185	138	-	-	-	-	-	-	67	42	3	1
Indiana-----	120	44	-	-	-	-	-	-	30	37	2	7
Illinois-----	61	63	-	2	1	3	1	-	22	33	1	5
Michigan-----	179	144	-	-	-	-	-	-	90	71	5	5
Wisconsin-----	78	75	-	1	1	1	1	-	47	16	-	3
WEST NORTH CENTRAL-----	80	195	-	-	-	4	-	-	95	43	13	38
Minnesota-----	22	32	-	-	-	1	-	-	15	31	2	10
Iowa-----	5	39	-	-	-	1	-	-	21	3	3	4
Missouri-----	12	56	-	-	-	2	-	-	12	3	7	21
North Dakota-----	19	22	-	-	-	-	-	-	7	-	-	1
South Dakota-----	3	13	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	5	-	-	-	-	-	-	-	-	1	2
Kansas-----	18	28	-	-	-	-	-	-	40	6	-	-
SOUTH ATLANTIC-----	384	295	-	4	2	12	7	-	156	95	23	30
Delaware-----	4	2	-	-	-	-	-	-	5	2	-	-
Maryland-----	51	33	-	-	-	-	1	-	20	14	-	-
District of Columbia-----	3	8	-	-	-	-	-	-	5	1	-	-
Virginia-----	113	88	-	-	-	-	3	-	40	17	3	5
West Virginia-----	40	34	-	-	-	-	-	-	12	16	3	4
North Carolina-----	102	61	-	-	-	-	-	-	40	17	5	5
South Carolina-----	20	9	-	2	-	2	1	-	4	8	9	3
Georgia-----	32	39	-	1	1	2	2	-	4	13	2	5
Florida-----	19	21	-	1	1	8	-	-	26	7	1	8
EAST SOUTH CENTRAL-----	133	94	-	-	-	5	7	1	195	63	22	32
Kentucky-----	64	54	-	-	-	2	4	-	37	35	11	8
Tennessee-----	47	32	-	-	-	1	3	-	40	13	2	9
Alabama-----	14	7	-	-	-	2	3	1	116	10	6	8
Mississippi-----	8	1	-	-	-	-	-	-	2	5	3	7
WEST SOUTH CENTRAL-----	725	975	-	7	1	10	5	1	382	261	14	38
Arkansas-----	57	107	-	5	-	2	-	-	64	10	1	2
Louisiana-----	8	11	-	-	1	-	1	-	8	3	-	16
Oklahoma-----	18	17	-	-	-	4	-	-	27	-	-	3
Texas-----	642	840	-	2	-	4	4	1	283	248	13	17
MOUNTAIN-----	378	386	-	-	1	1	3	-	140	54	-	-
Montana-----	1	11	-	-	-	-	-	-	11	8	-	-
Idaho-----	-	23	-	-	-	-	-	-	1	-	-	-
Wyoming-----	40	8	-	-	1	-	-	-	2	-	-	-
Colorado-----	55	151	-	-	-	-	-	-	13	9	-	-
New Mexico-----	59	29	-	-	-	-	2	-	39	4	-	-
Arizona-----	192	134	-	-	-	1	1	-	33	19	-	-
Utah-----	31	30	-	-	-	-	-	-	41	12	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	2	-	-
PACIFIC-----	391	349	-	-	-	-	2	-	189	144	4	1
Washington-----	84	80	-	-	-	-	-	-	43	20	-	-
Oregon-----	53	38	-	-	-	-	1	-	6	28	-	-
California-----	254	231	-	-	-	-	1	-	140	96	4	1
Alaska-----	5	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	4	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	-	109	-	-

Report for April.



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	19th week ended May 14, 1955	18th week ended May 7, 1955	19th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 19 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	9,727	9,980	9,696	+0.3	197,595	193,218	+2.3
New England----- (14 cities)	639	682	670	-4.6	13,908	13,084	+6.3
Middle Atlantic----- (17 cities)	2,850	2,865	2,924	-2.5	59,345	57,605	+3.0
East North Central----- (17 cities)	2,089	2,260	2,124	-1.6	42,079	41,316	+1.8
West North Central----- (8 cities)	640	683	707	-9.5	13,172	13,526	-2.6
South Atlantic----- (9 cities)	803	749	724	+10.9	14,911	14,985	-0.5
East South Central----- (8 cities)	439	444	450	-2.4	9,060	9,014	+0.5
West South Central----- (13 cities)	780	790	693	+12.6	15,433	14,772	+4.5
Mountain----- (8 cities)	218	226	231	-5.6	4,714	4,467	+5.5
Pacific----- (12 cities)	1,269	1,281	1,223	+3.8	24,973	24,449	+2.1

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 14, 1955
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	19th week ended May 14, 1955	18th week ended May 7, 1955	CUMULATIVE NUMBER FOR FIRST 19 WEEKS		CITY	19th week ended May 14, 1955	18th week ended May 7, 1955	CUMULATIVE NUMBER FOR FIRST 19 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL--Con.				
Boston-----	205	241	4,802	4,315	St. Louis-----	215	226	4,234	4,405
Bridgeport-----	37	38	741	689	St. Paul-----	60	74	1,265	1,260
Cambridge-----	30	28	572	562	Wichita-----	36	37	725	780
Fall River-----	21	28	567	580	SOUTH ATLANTIC				
Hartford-----	38	44	932	882	Atlanta-----	107	104	1,989	2,014
Lowell-----	26	28	477	560	Baltimore-----	215	223	4,420	4,281
Lynn-----	23	22	478	419	Charlotte-----	19	38	586	600
New Bedford-----	23	21	478	430	Jacksonville-----	(60)	(44)	(942)	(966)
New Haven-----	41	48	879	891	Miami-----	61	49	983	1,304
Providence-----	69	75	1,316	1,216	Norfolk-----	32	32	634	575
Somerville-----	12	15	320	286	Richmond-----	54	60	1,245	1,224
Springfield, Mass.-----	46	33	829	774	Savannah-----	---	(22)	---	(547)
Waterbury-----	18	24	480	479	Tampa-----	60	55	1,108	1,108
Worcester-----	50	37	1,037	1,001	Washington, D. C.-----	219	150	3,235	3,233
					Wilmington, Del.-----	36	38	711	646
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	46	55	918	874	Birmingham-----	76	70	1,524	1,508
Allentown-----	(28)	(43)	(726)	(672)	Chattanooga-----	40	41	855	881
Buffalo-----	155	122	2,663	2,760	Knoxville-----	20	23	640	659
Camden-----	38	28	723	722	Louisville-----	93	84	2,094	2,054
Elizabeth-----	25	17	547	560	Memphis-----	93	114	1,880	1,793
Erie-----	37	33	695	639	Mobile-----	36	29	562	616
Jersey City-----	65	93	1,421	1,405	Montgomery-----	36	28	511	516
Newark, N. J.-----	85	81	2,012	1,931	Nashville-----	45	55	994	987
New York City-----	1,464	1,500	31,190	30,439	WEST SOUTH CENTRAL				
Paterson-----	35	35	764	748	Austin-----	23	22	490	477
Philadelphia-----	490	504	9,560	8,991	Baton Rouge-----	36	19	435	423
Pittsburgh-----	172	148	3,476	3,189	Corpus Christi-----	13	16	337	308
Reading-----	(15)	(23)	(435)	(416)	Dallas-----	106	80	1,866	1,832
Rochester, N. Y.-----	87	93	1,814	1,796	El Paso-----	25	24	536	505
Schenectady-----	21	20	440	463	Fort Worth-----	46	53	1,055	998
Scranton-----	(37)	(28)	(664)	(651)	Houston-----	116	131	2,479	2,404
Syracuse-----	42	52	1,056	1,082	Little Rock-----	59	59	846	771
Trenton-----	58	28	925	906	New Orleans-----	169	149	2,944	2,900
Utica-----	23	33	586	581	Oklahoma City-----	41	68	1,094	1,111
Yonkers-----	27	23	555	519	San Antonio-----	80	86	1,698	1,488
					Shreveport-----	33	33	779	726
					Tulsa-----	33	50	874	829
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	---	(49)	---	(1,065)	Albuquerque-----	16	17	465	522
Canton-----	26	22	497	575	Colorado Springs-----	13	15	268	237
Chicago-----	664	761	13,951	14,041	Denver-----	106	100	2,157	1,969
Cincinnati-----	154	136	2,907	2,680	Ogden-----	6	13	200	198
Cleveland-----	209	195	3,867	3,926	Phoenix-----	29	27	486	445
Columbus-----	122	113	2,126	1,946	Pueblo-----	9	12	254	251
Dayton-----	59	78	1,274	1,232	Salt Lake City-----	36	37	792	768
Detroit-----	307	334	6,337	6,052	Tucson-----	3	5	92	77
Evansville-----	36	31	603	618	PACIFIC				
Flint-----	39	35	694	735	Berkeley-----	19	26	357	348
Fort Wayne-----	26	35	639	497	Long Beach-----	50	37	972	955
Gary-----	(20)	(36)	(521)	(469)	Los Angeles-----	429	450	8,961	8,830
Grand Rapids-----	48	47	811	781	Oakland-----	85	80	1,734	1,867
Indianapolis-----	95	100	2,112	2,224	Pasadena-----	36	47	684	633
Milwaukee-----	119	149	2,362	2,338	Portland, Oreg.-----	125	96	1,850	1,899
Peoria-----	25	38	556	594	Sacramento-----	60	52	971	905
South Bend-----	19	17	464	425	San Diego-----	76	58	1,499	1,419
Toledo-----	91	110	1,872	1,710	San Francisco-----	158	188	3,739	3,621
Youngstown-----	50	59	1,007	942	Seattle-----	142	140	2,594	2,388
					Spokane-----	60	60	875	896
					Tacoma-----	29	47	737	688
WEST NORTH CENTRAL									
Des Moines-----	49	45	950	920	Honolulu-----	(45)	(34)	(710)	(677)
Duluth-----	28	26	492	510					
Kansas City, Kans.-----	---	---	---	(610)					
Kansas City, Mo.-----	104	98	2,103	2,203					
Minneapolis-----	94	125	2,235	2,268					
Omaha-----	54	52	1,168	1,180					

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

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