

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 May 21, 1955

For the current week, a total of 246 cases of poliomyelitis was reported. This represents an increase of about 20 percent over the number reported last week, but is not unusual for this time of year, except that many cases are occurring in the Northern States where the season usually begins later. The largest increase was in Texas where 37 cases were reported compared with 19 for the previous week. On the other hand, California, where the largest number (45) was reported last week, showed a decrease of 5 cases. In Florida, where the incidence was unusually high in 1954, the number of cases for the past 3 weeks has been relatively low. The average number (7) reported for these weeks is about half that for the 2 preceding weeks. Colorado and Idaho reported increases over the previous week.

Of the 40 cases reported in California, 7 (1 paralytic) were among children who had received vaccine. None of the cases so far this year in Maryland and North Carolina have been among vaccinated children. Similar information is not available for other States.

There have been 73 cases of paralytic poliomyelitis in persons receiving vaccine as of May 24. They have been distributed as follows: 56, 10, 6, 1, and 0 cases, respectively, among persons receiving vaccine from five different manufacturers. These cases have occurred in 20 States, and California, Idaho, Texas and Pennsylvania have reported more than half of this total. Type I virus has been isolated from 15 cases receiving vaccine (14 from one manufacturer). A total of 31 cases of paralytic poliomyelitis among parents and siblings of vaccinated individuals has been reported as of May 24. Type I virus has been isolated from 2 of these cases. A total of 19 nonparalytic cases occurred in the vaccinated group and 4 in the parents and siblings.

EPIDEMIOLOGICAL REPORTS

Encephalitis

The California Department of Public Health has given information on the current status of encephalitis in the State for the year through May 14, 1955. A total of 107 cases was reported during this period compared with 121 for the same period

of 1954. Of the total for this year, 35 were considered to be mumps encephalitis; 33, measles encephalitis; and for 33, the etiology was not determined. Five of the other cases followed chickenpox, and measles, and 1 was influenzal encephalitis.

This is the beginning of the surveillance program which will be similar to that used in previous years and will continue through October, which is the end of the usual season for arthropod-borne infections. No laboratory proved cases of St. Louis or western equine encephalitis have occurred in California earlier than June. However, during April, 2 cases of equine encephalomyelitis were reported. Mosquito collections began May 1 in 4 study areas, but all species have been hard to find. To date, 21 pools of mosquitoes have been collected and laboratory tests are in progress.

Influenza

The California Department of Public Health has summarized the results of laboratory tests for influenza during the season, October 1, 1954, through April 30, 1955. Serologic tests were performed on 578 individuals. Of these, 58 showed influenza B and 5, influenza A. Type A was from individuals whose onsets of illness were during March and April.

Poisoning from noxious plants

The California Department of Public Health reports 3 cases (2 fatal) of poisoning from noxious plants. The patients became ill from 12 to 24 hours after eating the incriminating food. Carrot tops and *Nicotiana glauca* (mistaken for pokeweed) were gathered from the field and cooked. Laboratory examination of stomach contents of the 2 fatal cases revealed the presence of alkaloid nicotine.

Anthrax

Dr. M. H. Merrill, California Department of Public Health, gives preliminary information on a case of human anthrax in a 12-year-old boy. He had been in contact with an animal that died of anthrax. Additional information will be given at a later date.

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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	20th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 21, 1955	Ended May 22, 1954	Median 1950-54	First 20 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	1 ¹	-	1	13	7	16	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	5	6	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	24	34	---	441	573	---	---	---	---	---
Diphtheria-----055	26	21	41	598	736	1,226	1,815	2,081	3,408	July 1
Encephalitis, infectious-----082	34	48	23	³ 500	515	372	³ 1,852	1,242	1,183	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	741	1,045	---	16,982	25,365	---	---	---	---	---
Malaria-----110-117	6	7	---	93	149	---	(²)	(²)	(²)	(²)
Measles-----085	21,359	32,143	23,837	401,737	444,638	342,088	457,487	478,952	371,478	Sept. 1
Meningococcal infections-----057	57	84	84	⁴ 1,805	2,182	2,182	⁴ 2,897	3,504	3,504	Sept. 1
Polio-myelitis-----080	246	179	122	⁵ 2,050	2,450	1,900	⁵ 986	897	582	Apr. 1
Psittacosis-----096.2	⁶ 4	34	---	137	125	---	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	3	1	2	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	11	11	13	37	46	36	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	3,031	3,539	2,519	⁷ 85,095	86,986	61,610	⁷ 122,486	121,620	77,932	Aug. 1
Smallpox-----084	-	-	-	-	-	5	(²)	(²)	(²)	(²)
Trichiniasis-----128	5	4	---	60	114	---	(²)	(²)	(²)	(²)
Tularemia-----059	6	10	11	226	236	268	(²)	(²)	(²)	(²)
Typhoid fever-----040	27	36	35	526	615	596	219	209	205	Apr. 1
Typhus fever, endemic-----101	6	4	---	33	53	---	(²)	(²)	(²)	(²)
Whooping cough-----056	1,827	1,171	1,171	26,913	21,522	22,048	44,195	31,279	36,254	Oct. 1
Rabies in animals-----	104	146	146	2,507	3,415	3,322	3,860	5,186	---	Oct. 1

¹Reported in California.²Frequencies are too small.³Deduction: Montana, week ended May 14, 1 case.⁴Addition: Virginia, week ended May 14, 1 case.⁵Addition: Montana, week ended May 14, 1 case.⁶Illinois and Minnesota, 2 cases each.⁷Addition: Idaho, week ended May 14, 11 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.

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 MAY 22, 1954, AND MAY 21, 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-----	24	34	26	21	34	48	741	1,045	3	7	3	-
NEW ENGLAND-----	3	-	-	2	1	-	54	57	-	-	-	-
Maine-----	-	-	-	-	-	-	10	11	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	3	3	-	-	-	-
Vermont-----	-	-	-	-	-	-	1	1	-	-	-	-
Massachusetts-----	-	-	2	1	1	-	20	32	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	5	5	-	-	-	-
Connecticut-----	3	-	-	-	-	-	15	5	-	-	-	-
MIDDLE ATLANTIC-----	-	3	-	2	12	13	159	244	-	-	-	-
New York-----	-	2	-	-	11	10	110	175	-	-	-	-
New Jersey-----	-	-	-	1	1	3	6	25	-	-	-	-
Pennsylvania-----	-	1	-	1	-	-	43	44	-	-	-	-
EAST NORTH CENTRAL-----	6	11	1	5	5	4	197	157	-	-	1	-
Ohio-----	-	-	-	5	-	-	21	32	-	-	-	-
Indiana-----	-	-	-	-	1	-	13	22	-	-	-	-
Illinois-----	3	3	-	-	1	-	126	40	-	-	1	-
Michigan-----	3	1	1	-	3	4	19	36	-	-	-	-
Wisconsin-----	-	7	-	-	-	-	18	27	-	-	-	-
WEST NORTH CENTRAL-----	8	9	3	1	1	2	80	180	-	-	-	-
Minnesota-----	3	2	1	-	-	-	25	66	-	-	-	-
Iowa-----	5	4	1	-	-	-	20	84	-	-	-	-
Missouri-----	-	-	1	-	-	-	15	16	-	-	-	-
North Dakota-----	-	-	-	-	1	1	-	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	3	-	-	-	-	-
Nebraska-----	-	-	-	1	-	1	-	-	-	-	-	-
Kansas-----	-	3	-	-	-	-	17	10	-	-	-	-
SOUTH ATLANTIC-----	1	3	8	6	2	2	63	124	-	-	-	-
Delaware-----	-	-	-	-	-	-	5	5	-	-	-	-
Maryland-----	-	1	-	-	-	-	14	20	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	-	-	-	-	-
Virginia-----	1	-	-	-	1	-	30	73	-	-	-	-
West Virginia-----	-	-	-	-	-	1	1	4	-	-	-	-
North Carolina-----	-	-	2	2	-	-	6	14	-	-	-	-
South Carolina-----	-	-	3	1	1	1	-	-	-	-	-	-
Georgia-----	-	2	3	-	-	-	1	4	-	-	-	-
Florida-----	-	-	-	3	-	-	5	4	-	-	-	-
EAST SOUTH CENTRAL-----	1	4	4	1	4	1	24	53	-	-	-	-
Kentucky-----	-	-	3	-	-	-	6	4	-	-	-	-
Tennessee-----	-	2	-	-	4	1	3	20	-	-	-	-
Alabama-----	-	-	-	1	-	-	4	11	-	-	-	-
Mississippi-----	1	2	1	-	-	-	11	18	-	-	-	-
WEST SOUTH CENTRAL-----	2	2	6	2	1	6	41	41	2	6	-	-
Arkansas-----	-	-	-	-	-	-	5	2	-	-	-	-
Louisiana-----	1	1	-	-	-	-	6	5	-	-	-	-
Oklahoma-----	-	-	-	-	-	-	6	6	-	-	-	-
Texas-----	1	1	6	2	1	6	24	28	2	6	-	-
MOUNTAIN-----	-	-	1	2	2	-	45	75	-	1	-	-
Montana-----	-	-	-	2	-	-	7	3	-	-	-	-
Idaho-----	-	-	-	-	-	-	3	32	-	1	-	-
Wyoming-----	-	-	-	-	-	-	2	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	7	11	-	-	-	-
New Mexico-----	-	-	-	-	-	-	4	-	-	-	-	-
Arizona-----	-	-	1	-	2	-	21	27	-	-	-	-
Utah-----	-	-	-	-	-	-	1	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	3	2	3	-	6	20	78	114	1	-	2	-
Washington-----	-	1	2	-	-	-	26	16	-	-	-	-
Oregon-----	2	-	-	-	-	-	22	35	1	-	-	-
California-----	1	1	1	-	6	20	30	63	-	-	2	-
Alaska-----	-	-	-	-	-	-	13	9	-	-	1	-
Hawaii-----	-	-	-	-	1	-	-	-	-	-	1	-
Puerto Rico-----	-	-	-	-	-	-	1	4	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 MAY 22, 1954, AND MAY 21, 1955--Continued

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

AREA	MEASLES		MENINGO-COCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	(085)				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-----	21,359	32,143	57	84	246	179	85	74	96	54	11	11
NEW ENGLAND-----	2,316	1,050	3	5	1	1	-	-	-	-	-	-
Maine-----	158	94	1	1	-	-	-	-	-	-	-	-
New Hampshire-----	47	13	-	1	-	-	-	-	-	-	-	-
Vermont-----	168	99	-	1	-	-	-	-	-	-	-	-
Massachusetts-----	852	691	1	-	-	1	-	-	-	-	-	-
Rhode Island-----	248	75	1	2	1	-	-	-	-	-	-	-
Connecticut-----	843	78	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	4,443	6,784	8	21	20	2	4	1	6	-	1	1
New York-----	1,550	3,334	4	8	10	2	4	1	6	-	-	-
New Jersey-----	2,042	1,277	1	6	-	-	-	-	-	-	-	1
Pennsylvania-----	851	2,173	3	7	10	-	-	-	-	-	1	-
EAST NORTH CENTRAL-----	5,657	8,682	16	24	25	16	5	9	4	4	-	-
Ohio-----	778	2,003	4	3	5	5	-	3	-	1	-	-
Indiana-----	144	2,319	2	7	2	-	-	-	1	-	-	-
Illinois-----	551	1,999	4	4	9	2	2	1	2	-	-	-
Michigan-----	551	2,024	3	5	5	8	3	5	-	3	-	-
Wisconsin-----	3,633	337	3	5	4	1	-	-	1	-	-	-
WEST NORTH CENTRAL-----	725	1,301	5	4	14	7	3	1	10	-	-	1
Minnesota-----	161	52	3	1	5	1	-	-	5	-	-	-
Iowa-----	180	821	1	2	4	1	1	-	2	-	-	-
Missouri-----	124	57	-	-	1	3	-	-	1	-	-	1
North Dakota-----	106	179	-	-	-	-	-	-	-	-	-	-
South Dakota-----	12	26	-	-	-	-	-	-	-	-	-	-
Nebraska-----	6	113	-	1	4	-	2	-	2	-	-	-
Kansas-----	136	53	1	-	-	2	-	-	-	-	-	-
SOUTH ATLANTIC-----	558	3,454	6	8	36	36	14	13	14	13	9	5
Delaware-----	2	117	1	-	2	-	2	-	-	-	-	-
Maryland-----	83	310	-	1	2	1	2	1	-	-	3	-
District of Columbia-----	22	94	-	-	-	1	-	1	-	-	-	-
Virginia-----	163	1,084	-	2	5	1	1	1	4	-	2	1
West Virginia-----	110	466	-	-	3	1	1	-	1	-	1	-
North Carolina-----	41	425	3	1	2	1	-	-	2	1	2	2
South Carolina-----	21	78	-	1	4	4	3	1	1	1	-	-
Georgia-----	51	399	1	2	11	5	5	2	4	2	1	2
Florida-----	65	481	1	1	7	22	-	7	2	9	-	-
EAST SOUTH CENTRAL-----	429	1,453	2	9	8	16	2	3	6	-	-	-
Kentucky-----	43	172	-	-	2	1	1	1	1	-	-	-
Tennessee-----	212	694	-	2	-	3	-	2	-	-	-	-
Alabama-----	83	419	2	3	3	6	-	-	3	-	-	-
Mississippi-----	91	168	-	4	3	6	1	-	2	-	-	-
WEST SOUTH CENTRAL-----	1,780	3,592	7	4	56	58	22	25	25	21	-	-
Arkansas-----	93	60	-	-	4	3	1	3	3	-	-	-
Louisiana-----	11	52	5	1	10	9	7	4	3	5	-	-
Oklahoma-----	144	176	-	-	5	1	-	-	1	1	-	-
Texas-----	1,532	3,304	2	3	37	45	14	18	18	15	-	-
MOUNTAIN-----	1,095	1,235	5	2	38	7	10	2	9	1	1	3
Montana-----	68	418	-	1	3	-	3	-	-	-	-	1
Idaho-----	42	77	-	-	15	1	-	-	-	-	-	2
Wyoming-----	1	26	-	-	-	-	-	-	-	-	1	-
Colorado-----	223	126	4	-	12	-	6	-	6	-	-	-
New Mexico-----	260	105	1	-	1	-	1	-	-	-	-	-
Arizona-----	448	230	-	1	5	3	-	2	3	1	-	-
Utah-----	46	241	-	-	-	2	-	-	-	-	-	-
Nevada-----	7	12	-	-	2	1	-	-	-	-	-	-
PACIFIC-----	4,356	4,592	5	7	48	36	25	20	22	15	-	1
Washington-----	278	1,425	-	1	4	4	2	2	1	1	-	-
Oregon-----	254	164	1	1	4	-	2	-	2	-	-	1
California-----	3,824	3,003	4	5	40	32	21	18	19	14	-	-
Alaska-----	13	45	-	-	1	-	-	-	1	-	-	-
Hawaii-----	251	6	-	3	2	4	2	2	-	2	-	-
Puerto Rico-----	170	26	1	-	6	-	6	-	-	-	-	-

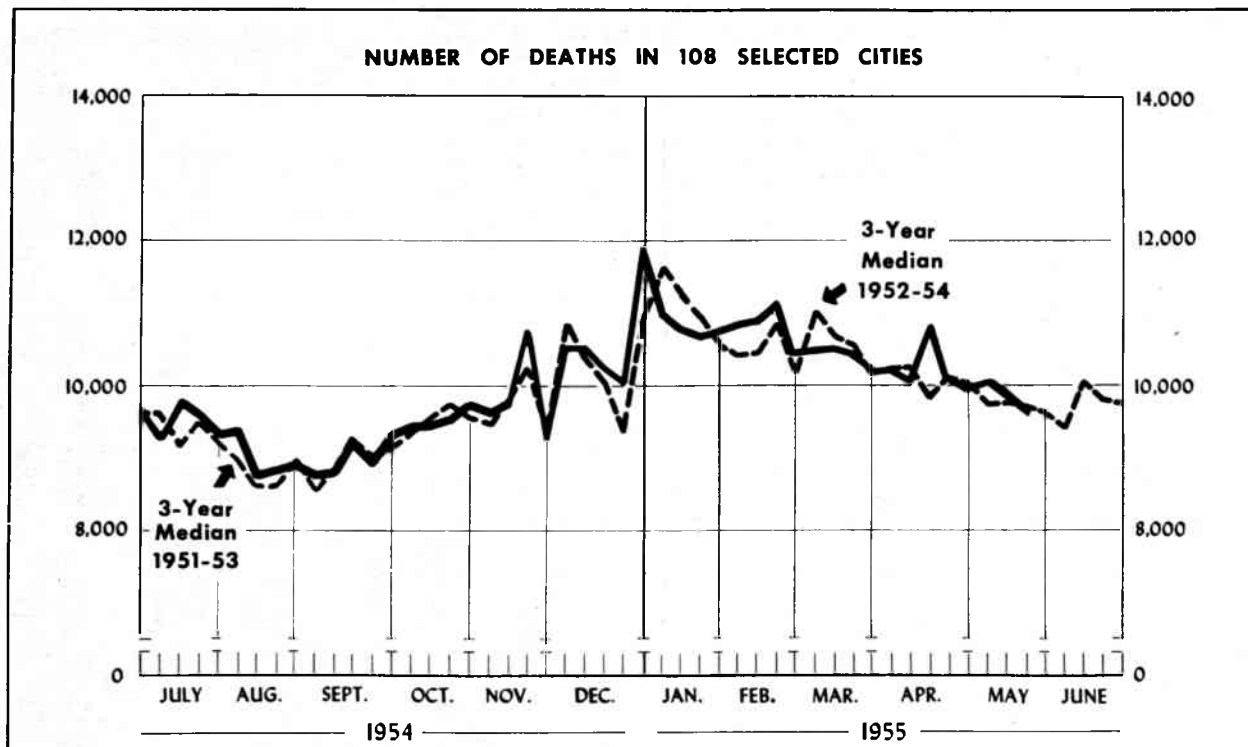
²Includes cases not specified by type, category number (080.3).

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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 MAY 22, 1954, AND MAY 21, 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 SORE 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-----	3,031	3,559	5	6	10	27	36	6	1,827	1,171	104
NEW ENGLAND-----	396	291	2	-	-	2	-	-	79	117	-	-
Maine-----	8	37	-	-	-	-	-	-	15	4	-	-
New Hampshire-----	2	33	-	-	-	-	-	-	-	-	-	-
Vermont-----	6	14	-	-	-	-	-	-	2	4	-	-
Massachusetts-----	337	142	-	-	-	2	-	-	26	40	-	-
Rhode Island-----	8	9	2	-	-	-	-	-	6	28	-	-
Connecticut-----	35	56	-	-	-	-	-	-	30	41	-	-
MIDDLE ATLANTIC-----	425	425	2	-	-	3	5	-	111	200	7	9
New York-----	209	250	-	-	-	-	1	-	55	80	3	6
New Jersey-----	50	45	1	-	-	-	-	-	12	48	-	-
Pennsylvania-----	166	130	1	-	-	3	1	-	44	72	4	3
EAST NORTH CENTRAL-----	477	425	-	-	-	-	3	-	260	205	16	22
Ohio-----	131	115	-	-	-	-	-	-	33	54	7	3
Indiana-----	42	41	-	-	-	-	-	-	52	21	4	4
Illinois-----	81	87	-	-	-	-	1	-	30	41	3	6
Michigan-----	149	87	-	-	-	-	2	-	69	79	-	9
Wisconsin-----	74	95	-	-	-	-	-	-	76	10	2	-
WEST NORTH CENTRAL-----	65	122	-	-	-	1	-	-	61	43	15	28
Minnesota-----	32	23	-	-	-	-	-	-	23	14	1	5
Iowa-----	14	58	-	-	-	1	-	-	20	7	9	10
Missouri-----	4	12	-	-	-	-	-	-	10	8	4	10
North Dakota-----	11	5	-	-	-	-	-	-	3	-	-	1
South Dakota-----	-	1	-	-	-	-	-	-	-	-	-	1
Nebraska-----	1	5	-	-	-	-	-	-	-	-	1	1
Kansas-----	3	18	-	-	-	-	-	-	5	14	-	-
SOUTH ATLANTIC-----	313	311	-	2	2	4	8	1	242	103	22	26
Delaware-----	2	3	-	-	-	-	-	-	3	-	-	-
Maryland-----	46	39	-	-	-	-	1	-	11	17	-	-
District of Columbia-----	4	13	-	-	-	-	-	-	9	1	-	-
Virginia-----	109	68	-	1	-	-	2	1	35	35	6	5
West Virginia-----	32	85	-	-	-	1	1	-	24	13	3	6
North Carolina-----	62	69	-	-	1	-	-	-	44	13	4	4
South Carolina-----	8	11	-	-	-	2	4	-	3	10	8	8
Georgia-----	43	19	-	1	1	1	-	-	71	12	1	3
Florida-----	7	6	-	-	-	-	-	-	42	2	-	-
EAST SOUTH CENTRAL-----	114	190	-	1	-	5	5	2	225	97	16	23
Kentucky-----	64	66	-	-	-	1	2	-	61	39	6	4
Tennessee-----	42	110	-	-	-	2	1	-	47	36	4	8
Alabama-----	4	7	-	1	-	-	1	2	113	13	5	11
Mississippi-----	4	7	-	-	-	2	1	-	4	9	1	-
WEST SOUTH CENTRAL-----	634	940	-	3	8	9	12	3	476	164	23	34
Arkansas-----	45	74	-	3	1	2	3	-	84	13	2	4
Louisiana-----	7	3	-	-	1	3	4	-	3	-	-	-
Oklahoma-----	16	22	-	-	-	2	-	-	28	7	-	-
Texas-----	566	841	-	-	6	2	5	3	361	144	21	30
MOUNTAIN-----	361	418	-	-	-	1	-	-	237	66	1	1
Montana-----	7	8	-	-	-	-	-	-	42	4	-	-
Idaho-----	-	11	-	-	-	-	-	-	5	-	-	-
Wyoming-----	35	5	-	-	-	1	-	-	1	-	-	-
Colorado-----	49	47	-	-	-	-	-	-	21	13	-	-
New Mexico-----	40	12	-	-	-	-	-	-	49	4	1	-
Arizona-----	212	296	-	-	-	-	-	-	93	22	-	1
Utah-----	18	37	-	-	-	-	-	-	26	22	-	-
Nevada-----	-	2	-	-	-	-	-	-	-	1	-	-
PACIFIC-----	246	417	1	-	-	2	3	-	136	176	4	3
Washington-----	70	74	-	-	-	-	-	-	16	56	-	-
Oregon-----	25	53	-	-	-	1	-	-	7	13	-	-
California-----	151	290	1	-	-	1	3	-	113	107	4	3
Alaska-----	1	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	3	-	-	-	-	-	-	1	3	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	31	56	-	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 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	20th week ended May 21, 1955	19th week ended May 14, 1955	20th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 20 WEEKS		
					1955	1954	Percent change
TOTAL: 108 REPORTING CITIES-----	9,695	9,807	9,720	-0.3	208,998	204,604	+2.1
New England----- (14 cities)	686	639	650	+5.5	14,594	13,735	+6.3
Middle Atlantic----- (17 cities)	2,842	2,850	2,942	-3.4	62,187	60,516	+2.8
East North Central----- (18 cities)	2,123	2,140	2,139	-0.7	45,232	44,614	+1.4
West North Central----- (9 cities)	668	669	743	-10.1	14,518	14,848	-2.2
South Atlantic----- (9 cities)	718	803	734	-2.2	15,629	15,719	-0.6
East South Central----- (8 cities)	459	439	443	+3.6	9,519	9,457	+0.7
West South Central----- (13 cities)	752	780	738	+1.9	16,185	15,458	+4.7
Mountain----- (8 cities)	250	218	230	+8.7	4,964	4,686	+5.9
Pacific----- (12 cities)	1,197	1,269	1,168	+2.5	26,170	25,571	+2.3

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 21, 1955

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

CITY	20th week ended May 21, 1955	19th week ended May 14, 1955	CUMULATIVE NUMBER FOR FIRST 20 WEEKS		CITY	20th week ended May 21, 1955	19th week ended May 14, 1955	CUMULATIVE NUMBER FOR FIRST 20 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	217	205	5,019	4,521	St. Louis-----	200	215	4,434	4,630
Bridgeport-----	56	37	797	734	St. Paul-----	53	60	1,318	1,329
Cambridge-----	26	30	598	589	Wichita-----	31	36	756	821
Fall River-----	28	21	595	610	SOUTH ATLANTIC				
Hartford-----	45	38	977	919	Atlanta-----	113	107	2,102	2,117
Lowell-----	25	26	502	591	Baltimore-----	207	215	4,627	4,477
Lynn-----	20	23	498	440	Charlotte-----	16	19	602	637
New Bedford-----	20	23	498	457	Jacksonville-----	(41)	(60)	(983)	(1,012)
New Haven-----	52	41	931	932	Miami-----	40	61	1,023	1,390
Providence-----	51	69	1,367	1,265	Norfolk-----	40	32	674	597
Somerville-----	16	12	336	306	Richmond-----	67	54	1,312	1,284
Springfield, Mass.-----	45	46	874	825	Savannah-----	---	(26)	---	(573)
Waterbury-----	35	18	515	509	Tampa-----	54	60	1,162	1,150
Worcester-----	50	50	1,087	1,037	Washington, D. C.-----	150	219	3,385	3,385
MIDDLE ATLANTIC					Wilmington, Del.-----	31	36	742	682
Albany-----	42	46	960	913	EAST SOUTH CENTRAL				
Allentown-----	(36)	(28)	(762)	(707)	Birmingham-----	63	76	1,587	1,575
Buffalo-----	101	135	2,764	2,881	Chattanooga-----	47	40	902	919
Camden-----	39	38	762	746	Knoxville-----	35	20	675	695
Elizabeth-----	15	25	562	577	Louisville-----	92	93	2,186	2,176
Erie-----	39	37	734	676	Memphis-----	92	93	1,972	1,883
Jersey City-----	74	65	1,495	1,483	Mobile-----	36	36	598	641
Newark, N. J.-----	92	85	2,104	2,043	Montgomery-----	28	36	539	538
New York City-----	1,512	1,464	32,702	31,974	Nashville-----	66	45	1,060	1,030
Pateron-----	30	35	794	784	WEST SOUTH CENTRAL				
Philadelphia-----	480	490	10,040	9,467	Austin-----	25	23	515	504
Pittsburgh-----	158	172	3,634	3,331	Baton Rouge-----	16	36	451	446
Reading-----	(20)	(15)	(455)	(429)	Corpus Christi-----	25	13	362	320
Rochester, N. Y.-----	91	87	1,905	1,893	Dallas-----	89	106	1,955	1,918
Schenectady-----	22	21	462	479	El Paso-----	30	25	566	535
Scranton-----	(46)	(37)	(710)	(697)	Fort Worth-----	51	46	1,106	1,059
Syracuse-----	53	42	1,109	1,144	Houston-----	121	116	2,600	2,511
Trenton-----	35	58	960	948	Little Rock-----	49	59	895	825
Utica-----	30	23	616	623	New Orleans-----	120	169	3,064	3,010
Yonkers-----	29	27	584	554	Oklahoma City-----	53	41	1,147	1,156
EAST NORTH CENTRAL					San Antonio-----	84	80	1,782	1,558
Akron-----	59	51	1,089	1,122	Shreveport-----	43	33	822	754
Canton-----	32	26	529	601	Tulsa-----	46	33	920	862
Chicago-----	704	664	14,655	14,797	MOUNTAIN				
Cincinnati-----	134	154	3,041	2,822	Albuquerque-----	19	16	484	540
Cleveland-----	182	209	4,049	4,127	Colorado Springs-----	17	13	285	248
Columbus-----	91	122	2,217	2,031	Denver-----	116	106	2,273	2,070
Dayton-----	67	59	1,341	1,309	Ogden-----	10	6	210	211
Detroit-----	306	307	6,643	6,379	Phoenix-----	25	29	511	464
Evansville-----	36	36	639	643	Pueblo-----	16	9	270	267
Flint-----	28	39	722	767	Salt Lake City-----	46	36	838	806
Fort Wayne-----	38	26	677	521	Tucson-----	1	3	93	80
Gary-----	(17)	(20)	(538)	(495)	PACIFIC				
Grand Rapids-----	39	48	850	819	Berkeley-----	15	19	372	369
Indianapolis-----	96	95	2,208	2,310	Long Beach-----	64	50	1,036	1,007
Milwaukee-----	113	119	2,475	2,478	Los Angeles-----	382	429	9,343	9,202
Peoria-----	33	25	589	627	Oakland-----	85	85	1,819	1,952
South Bend-----	27	19	491	450	Pasadena-----	31	36	715	673
Toledo-----	93	91	1,965	1,819	Portland, Oreg.-----	98	125	1,948	1,978
Youngstown-----	45	50	1,052	992	Sacramento-----	51	60	1,022	954
WEST NORTH CENTRAL					San Diego-----	58	76	1,557	1,484
Des Moines-----	53	49	1,003	965	San Francisco-----	189	158	3,928	3,788
Duluth-----	25	28	517	529	Seattle-----	137	142	2,731	2,503
Kansas City, Kans.-----	33	29	711	642	Spokane-----	38	60	913	938
Kansas City, Mo.-----	102	104	2,205	2,314	Tacoma-----	49	29	786	723
Minneapolis-----	118	94	2,353	2,386	Honolulu-----	(39)	(45)	(749)	(703)
Omaha-----	53	54	1,221	1,232					

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

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