

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 April 30, 1955

The 147 cases of poliomyelitis reported for the current week is about 40 percent in excess of the number (106) reported in the previous week and about 20 percent over the number (122) for the same week last year.

The following States showed relatively large increases over the previous week: New York, Michigan, Georgia, Idaho, Oregon, and California. Of these, California reported 23 cases—17 were paralytic, 1 of which was in military personnel. Of the 16 paralytic cases in civilians, 6 had onsets of symptoms prior to the release of the poliomyelitis vaccine; 4 having onsets after April 13 were not vaccinated; and 6 had received vaccine. Six non-paralytic cases had onsets prior to the release of the vaccine, 3 had onsets after April 13, but had no vaccine, and 1 had been vaccinated. Maryland reported 2 cases, but the onsets occurred before inoculations were given.

Similar information is not available for any other State.

Because of the reports that clinical cases of poliomyelitis occurred subsequent to administration of poliomyelitis vaccine, a Poliomyelitis Surveillance Unit has been set up in the Communicable Disease Center, Atlanta, Georgia. This unit will receive daily reports from all States and Territories on all cases of poliomyelitis associated with poliomyelitis vaccination, and weekly summaries on all cases reported. The customary weekly telegraphic reports of notifiable diseases, including poliomyelitis, to the Public Health Service in Washington, should be made.

To date, 33 cases have been reported in which there was association with poliomyelitis vaccine. These have occurred in California (14), Idaho (9), Oregon (3), Louisiana (2), and in Washington, Colorado, Illinois, Indiana, and Georgia (1 each). Suspect cases are under investigation in 10 States. Twenty-nine cases had received vaccine from one pharmaceutical manufacturer, and 4 from another. Thirty cases have paralysis and 2 have died. Isolation of type 1 virus has been made from 2 cases—1 by Dr. E. H. Lennette, California Department of Public Health, and the other by Dr. Howard Shaughnessey, Illinois Department of Public Health.

The investigations now being conducted will attempt to answer the following questions: (1) Is the appearance of poliomyelitis among the persons inoculated with certain lots of vaccine a coincidence? (2) Could the injection of the vaccine have provoked the appearance of paralysis in a manner similar to the provocative effects which have been observed after use of other immunizing agents? (3) Was a live virus introduced by the injection of the vaccine?

All States have been urged to report promptly to CDC by telephone or telegram the following information on any case: initials, residence, age, and sex of the patient; date of onset of symptoms; date and site of paralysis; extent of paralysis; and history of inoculation including the date given, the lot number of the vaccine, the manufacturer, and the site of inoculation.

Epidemic intelligence service officers at CDC are available for field investigation of any poliomyelitis case on request. Laboratory studies will form an important part of the study of

cases under investigation.

EPIDEMIOLOGICAL REPORTS

Suspect smallpox

Dr. E. A. Rogers, Nebraska Department of Health, reports a case clinically resembling smallpox. The basis of the diagnosis was the severity of the disease rather than the symptoms, which were not quite typical of smallpox. Complement fixation on blood specimen gave negative results with vaccinal antigen. Five nonvaccinated contacts had eruptions but their illnesses were diagnosed as chickenpox. Exanthematous material from the patient when tested against hyperimmune rabbit serum was negative. Additional specimens of pustular material are being tested at the Communicable Disease Center Laboratory at Montgomery, Alabama.

Psittacosis

Mr. W. W. Benson, Idaho Department of Health, has given a summary of epidemiological information on 12 cases of psittacosis reported in the State since January 1, 1955. The diagnoses of all cases were confirmed by complement fixation tests, but for 4 there was no known contact with psittacine birds. The remaining 8 were associated with parakeets. In two instances involving 5 cases, the source of birds was California. Psittacosis virus has been isolated from 2 birds from this source and 2 other birds (source unknown) are being examined, but the laboratory report has not yet been received.

Anthrax

Dr. E. J. Witte, Veterinarian, Pennsylvania Department of Health, reports a case of anthrax in an employee of a wool processing plant. The patient has worked at this plant for the past 11 years. He is in close contact with the wool immediately after it is unbaled. A lesion appeared on his neck and 2 days later it was examined by his physician who suggested that he report to a hospital, but he failed to do so. At work, the plant physician diagnosed the lesion as anthrax and the patient was treated in a hospital. Previous to the occurrence of the lesion, the patient was working with wool from 6 different foreign countries. A sample from each type of wool has been obtained for laboratory examination.

Gastro-enteritis

The California Department of Public Health reports 2 cases of gastro-enteritis following the ingestion of coconut cream pie. The patients became ill with nausea, vomiting, abdominal pain, diarrhea, prostration, and perspiration almost simultaneously 1½ hours later. The pie was purchased from a local bakery where 2 bakers are employed. One had a small sore on the palm of his hand but no specimens were collected for laboratory examination. None of the pie was available for bacteriological examination, and the source of the infection was not determined.

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	17th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 30, 1955	Ended May 1, 1954	Median 1950-54	First 17 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	-	-	12	7	13	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	4	6	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	22	35	---	² 364	475	---	---	---	---	---
Diphtheria-----055	23	25	56	534	656	1,087	1,751	2,001	3,269	July 1
Encephalitis, infectious-----082	17	47	23	392	404	312	1,744	1,131	1,103	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	736	1,141	---	³ 14,947	22,059	---	---	---	---	---
Malaria-----110-117	5	17	---	69	123	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	25,059	31,225	26,843	331,686	351,330	269,450	387,436	387,422	298,840	Sept. 1
Meningococcal infections-----057	101	118	118	1,594	1,926	1,926	2,686	3,248	3,248	Sept. 1
Poliomyelitis-----080	147	122	74	1,452	1,976	1,585	388	423	267	Apr. 1
Psittacosis-----096.2	⁴ 7	8	---	114	76	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	1	2	1	2	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	1	4	2	14	14	14	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	3,711	3,576	2,596	74,243	76,642	53,756	111,634	111,276	70,078	Aug. 1
Smallpox-----084	-	-	-	-	-	5	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	4	2	---	49	98	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	11	20	12	201	209	233	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	35	22	26	419	509	509	112	103	111	Apr. 1
Typhus fever, endemic-----101	3	3	---	24	44	---	(¹)	(¹)	(¹)	(¹)
Whooping cough-----056	1,315	1,073	1,073	21,939	18,171	18,887	39,221	27,928	33,093	Oct. 1
Rabies in animals-----	123	155	161	2,181	2,983	2,864	3,534	4,754	---	Oct. 1

¹Frequencies are too small.²Addition: Minnesota, week ended April 23, 3 cases.³Addition: Mississippi, week ended April 16, 27 cases.⁴Illinois, New York, Ohio, Oregon, and Wisconsin, 1 case each; Georgia, 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.

Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 1, 1954 AND APRIL 30, 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-----	22	35	23	25	17	47	736	1,141	4	15	1	2
NEW ENGLAND-----	-	1	-	-	1	1	56	48	-	-	-	-
Maine-----	-	-	-	-	-	-	9	16	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	2	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	3	3	-	-	-	-
Massachusetts-----	-	1	-	-	1	1	22	26	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	14	2	-	-	-	-
MIDDLE ATLANTIC-----	-	1	-	2	4	18	169	215	-	1	-	-
New York-----	-	-	-	2	4	18	101	143	-	1	-	-
New Jersey-----	-	-	-	-	-	-	19	17	-	-	-	-
Pennsylvania-----	-	1	-	-	-	-	49	55	-	-	-	-
EAST NORTH CENTRAL-----	3	15	11	5	3	9	93	178	-	-	-	-
Ohio-----	-	-	-	-	-	1	8	53	-	-	-	-
Indiana-----	-	-	1	-	-	-	12	22	-	-	-	-
Illinois-----	-	6	-	-	1	-	47	47	-	-	-	-
Michigan-----	-	4	10	5	2	3	21	24	-	-	-	-
Wisconsin-----	3	5	-	-	-	5	5	32	-	-	-	-
WEST NORTH CENTRAL-----	14	9	1	1	-	4	102	164	-	-	-	-
Minnesota-----	5	-	1	-	-	2	49	58	-	-	-	-
Iowa-----	8	5	-	-	-	-	18	64	-	-	-	-
Missouri-----	-	2	-	1	-	-	18	17	-	-	-	-
North Dakota-----	-	-	-	-	-	-	7	5	-	-	-	-
South Dakota-----	1	-	-	-	-	-	3	1	-	-	-	-
Nebraska-----	-	-	-	-	-	-	3	-	-	-	-	-
Kansas-----	-	2	-	-	-	2	4	19	-	-	-	-
SOUTH ATLANTIC-----	-	4	3	3	1	5	47	160	-	-	-	2
Delaware-----	-	-	-	-	-	-	2	5	-	-	-	-
Maryland-----	-	-	-	1	-	1	8	25	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	2	-	-	1	-	23	66	-	-	-	-
West Virginia-----	-	-	1	-	-	1	7	17	-	-	-	-
North Carolina-----	-	-	-	-	-	-	-	33	-	-	-	-
South Carolina-----	-	-	2	-	-	1	1	2	-	-	-	-
Georgia-----	-	2	-	1	-	2	2	11	-	-	-	2
Florida-----	-	-	-	1	-	-	4	1	-	-	-	-
EAST SOUTH CENTRAL-----	1	1	2	2	-	1	56	113	-	-	-	-
Kentucky-----	-	-	2	-	-	-	8	16	-	-	-	-
Tennessee-----	1	-	1	-	-	1	25	52	-	-	-	-
Alabama-----	-	-	-	1	-	-	6	20	-	-	-	-
Mississippi-----	-	1	-	-	-	-	17	25	-	-	-	-
WEST SOUTH CENTRAL-----	2	1	3	9	1	1	37	82	4	11	-	-
Arkansas-----	-	-	1	-	-	-	4	5	-	-	-	-
Louisiana-----	-	1	-	-	-	-	2	32	-	-	-	-
Oklahoma-----	1	-	1	-	-	-	1	7	-	-	-	-
Texas-----	1	-	1	9	1	1	30	38	4	11	-	-
MOUNTAIN-----	1	3	-	1	-	2	75	49	-	1	-	-
Montana-----	-	-	-	1	-	1	7	2	-	-	-	-
Idaho-----	1	-	-	-	-	-	5	28	-	1	-	-
Wyoming-----	-	1	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	1	-	-	-	-	9	9	-	-	-	-
New Mexico-----	-	-	-	-	-	-	2	-	-	-	-	-
Arizona-----	-	1	-	-	-	1	52	9	-	-	-	-
Utah-----	-	-	-	-	-	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	-	3	2	7	6	101	132	-	2	1	-
Washington-----	-	-	3	1	-	-	18	23	-	-	-	-
Oregon-----	-	-	-	-	1	-	45	39	-	-	1	-
California-----	1	-	-	1	6	6	38	70	-	2	-	-
Alaska-----	-	-	-	-	-	-	3	1	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	2	-	-	-	1
Puerto Rico-----	-	-	3	2	-	-	11	2	-	-	-	-

¹Includes cases not specified as civilian or military.

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 1, 1954, AND APRIL 30, 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)	
	1955	1954	1955	1954	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	25,059	31,225	101	118	147	122	61	49	39	30	1	4
NEW ENGLAND-----	3,792	972	3	7	1	-	-	-	1	-	-	-
Maine-----	509	191	2	3	-	-	-	-	-	-	-	-
New Hampshire-----	276	5	-	-	-	-	-	-	-	-	-	-
Vermont-----	263	90	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,489	546	1	3	-	-	-	-	-	-	-	-
Rhode Island-----	127	55	-	-	1	-	-	-	1	-	-	-
Connecticut-----	1,128	85	-	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	5,552	6,085	17	19	15	8	3	1	-	-	1	-
New York-----	1,783	3,518	6	13	12	4	3	-	-	-	1	-
New Jersey-----	2,904	896	6	1	1	1	-	1	-	-	-	-
Pennsylvania-----	865	1,671	5	5	2	3	-	-	-	-	-	-
EAST NORTH CENTRAL-----	5,422	6,292	21	24	12	10	4	2	1	-	-	-
Ohio-----	466	1,474	6	8	-	5	-	-	-	-	-	-
Indiana-----	-	931	3	3	-	1	-	-	-	-	-	-
Illinois-----	392	1,647	3	3	3	2	-	1	-	-	-	-
Michigan-----	966	1,865	8	3	6	1	3	1	-	-	-	-
Wisconsin-----	3,598	375	1	7	3	1	1	-	1	-	-	-
WEST NORTH CENTRAL-----	1,277	521	8	6	11	9	3	1	4	2	-	-
Minnesota-----	216	18	1	1	2	2	1	-	1	-	-	-
Iowa-----	352	246	1	-	4	-	1	-	2	-	-	-
Missouri-----	402	75	1	1	2	2	1	-	1	-	-	-
North Dakota-----	74	68	2	1	-	2	-	-	-	-	-	-
South Dakota-----	18	29	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	18	-	-	-	1	-	-	-	1	-	-
Kansas-----	215	67	3	3	3	2	-	1	-	1	-	-
SOUTH ATLANTIC-----	786	4,784	16	15	32	16	11	8	15	4	-	1
Delaware-----	7	140	-	-	1	-	-	-	-	-	-	-
Maryland-----	82	799	1	-	2	-	2	-	-	-	-	-
District of Columbia-----	18	224	1	1	-	-	-	-	-	-	-	-
Virginia-----	150	1,279	2	4	1	1	-	-	1	1	-	1
West Virginia-----	149	678	2	-	3	1	1	-	2	-	-	-
North Carolina-----	148	416	6	5	1	1	-	1	1	-	-	-
South Carolina-----	77	160	-	-	4	2	1	2	2	-	-	-
Georgia-----	87	379	1	4	7	-	4	-	1	-	-	-
Florida-----	68	709	3	1	13	11	3	5	8	3	-	-
EAST SOUTH CENTRAL-----	664	1,942	9	22	6	9	4	1	2	-	-	-
Kentucky-----	92	730	4	12	4	1	3	-	1	-	-	-
Tennessee-----	390	642	1	2	1	1	1	1	-	-	-	-
Alabama-----	96	452	2	5	-	7	-	-	-	-	-	-
Mississippi-----	86	118	2	3	1	-	-	-	1	-	-	-
WEST SOUTH CENTRAL-----	2,333	5,058	13	10	21	36	9	19	7	10	-	1
Arkansas-----	205	106	-	4	-	3	-	3	-	-	-	1
Louisiana-----	10	180	2	5	6	2	5	-	1	2	-	-
Oklahoma-----	132	211	2	-	-	3	-	-	-	-	-	-
Texas-----	1,986	4,561	9	1	15	28	4	16	6	8	-	-
MOUNTAIN-----	1,021	1,008	5	2	18	7	3	3	2	1	-	2
Montana-----	25	61	1	-	1	-	-	-	1	-	-	-
Idaho-----	22	228	2	-	12	1	-	-	-	-	-	2
Wyoming-----	2	58	-	-	1	-	-	-	1	-	-	-
Colorado-----	212	32	1	-	2	1	2	-	-	-	-	-
New Mexico-----	248	112	1	2	-	-	-	-	-	-	-	-
Arizona-----	467	168	-	-	2	5	1	3	-	1	-	-
Utah-----	38	348	-	-	-	-	-	-	-	-	-	-
Nevada-----	7	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	4,212	4,563	9	13	31	27	24	14	7	13	-	-
Washington-----	414	1,234	-	2	2	1	2	1	-	-	-	-
Oregon-----	196	107	1	2	6	1	5	1	1	-	-	-
California-----	3,602	3,222	8	9	23	25	17	12	6	13	-	-
Alaska-----	2	104	-	-	1	3	1	3	-	-	-	-
Hawaii-----	278	5	-	-	-	9	-	7	-	2	-	-
Puerto Rico-----	122	78	2	-	14	1	14	1	-	-	-	-

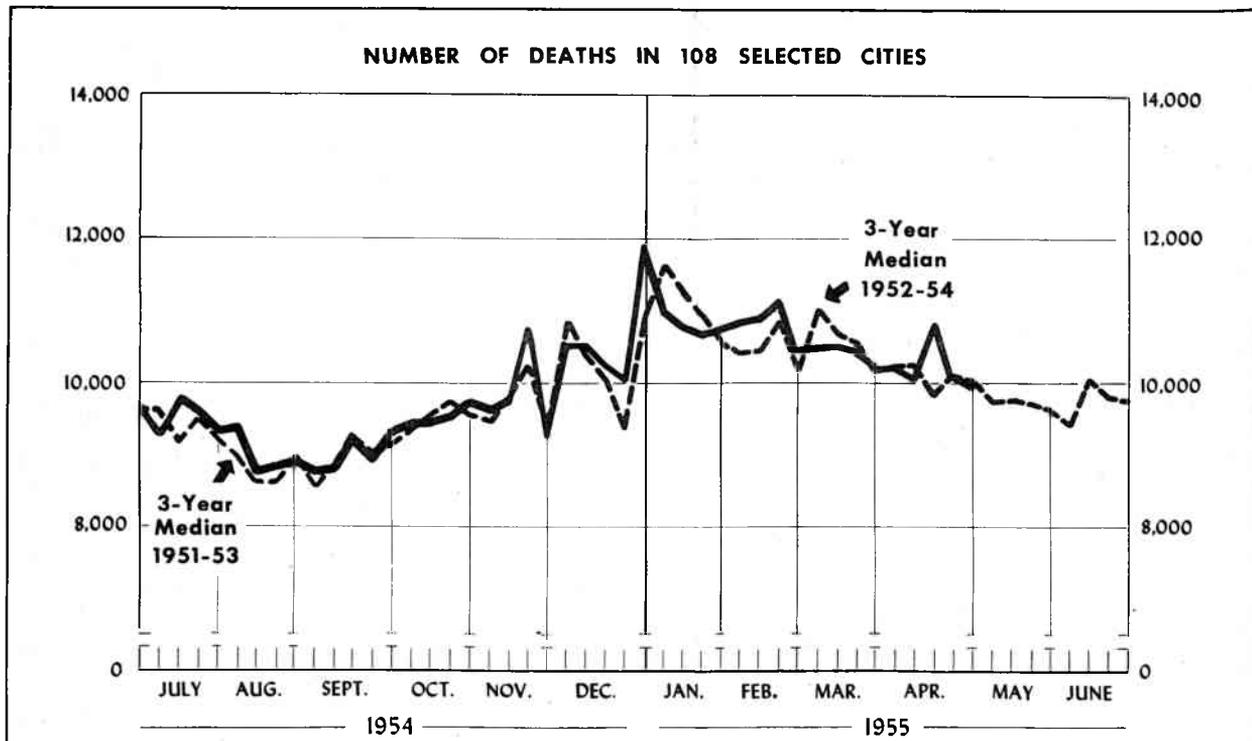
²Includes cases not specified by type, category number (080.3).

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 1, 1954. AND APRIL 30, 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)		TRICHINIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPIING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	3,711	3,576	4	11	20	35	22	3	1,315	1,073	123	155
NEW ENGLAND-----	331	267	-	-	-	1	-	-	109	105	-	-
Maine-----	6	75	-	-	-	-	-	-	16	9	-	-
New Hampshire-----	4	24	-	-	-	-	-	-	-	-	-	-
Vermont-----	5	16	-	-	-	-	-	-	3	21	-	-
Massachusetts-----	276	101	-	-	-	1	-	-	38	51	-	-
Rhode Island-----	9	11	-	-	-	-	-	-	28	4	-	-
Connecticut-----	31	40	-	-	-	-	-	-	24	20	-	-
MIDDLE ATLANTIC-----	433	412	3	-	-	5	2	-	91	210	15	9
New York-----	207	259	3	-	-	2	1	-	34	117	9	9
New Jersey-----	49	34	-	-	-	-	-	-	25	33	-	-
Pennsylvania-----	177	119	-	-	-	3	1	-	32	60	6	-
EAST NORTH CENTRAL-----	599	608	-	1	3	2	2	-	197	240	11	17
Ohio-----	103	178	-	-	-	1	1	-	15	46	1	4
Indiana-----	98	68	-	-	-	-	-	-	46	57	7	9
Illinois-----	71	85	-	1	1	1	-	-	27	23	2	1
Michigan-----	237	151	-	-	-	-	-	-	84	93	-	2
Wisconsin-----	90	126	-	-	2	-	1	-	25	21	1	1
WEST NORTH CENTRAL-----	106	155	-	1	6	2	-	-	102	13	13	26
Minnesota-----	31	51	-	1	-	-	-	-	17	5	1	5
Iowa-----	21	21	-	-	-	1	-	-	31	-	4	9
Missouri-----	10	25	-	-	-	1	-	-	17	6	8	10
North Dakota-----	37	20	-	-	-	-	-	-	10	-	-	1
South Dakota-----	1	7	-	-	6	-	-	-	-	-	-	1
Nebraska-----	-	5	-	-	-	-	-	-	-	-	-	1
Kansas-----	6	26	-	-	-	-	-	-	27	2	-	-
SOUTH ATLANTIC-----	468	327	1	-	3	12	7	-	146	106	21	32
Delaware-----	7	4	-	-	-	-	-	-	-	2	-	-
Maryland-----	62	65	-	-	-	-	1	-	1	7	-	-
District of Columbia-----	9	10	-	-	-	-	-	-	3	6	-	-
Virginia-----	120	93	-	-	-	-	1	-	46	22	4	9
West Virginia-----	81	40	-	-	1	2	-	-	36	21	7	13
North Carolina-----	48	68	1	-	-	1	1	-	21	19	5	2
South Carolina-----	55	3	-	-	-	3	2	-	2	7	3	4
Georgia-----	46	29	-	-	2	3	2	-	22	8	2	3
Florida-----	40	15	-	-	-	3	-	-	15	14	-	1
EAST SOUTH CENTRAL-----	185	141	-	3	4	-	2	1	107	51	22	30
Kentucky-----	77	77	-	-	-	-	1	-	22	21	6	8
Tennessee-----	85	52	-	3	1	-	1	-	30	13	1	10
Alabama-----	21	9	-	-	2	-	-	1	48	10	15	7
Mississippi-----	2	3	-	-	1	-	-	-	7	7	-	5
WEST SOUTH CENTRAL-----	776	957	-	2	2	4	7	2	254	168	22	27
Arkansas-----	65	121	-	-	-	2	1	-	13	42	3	4
Louisiana-----	4	6	-	-	-	1	2	-	1	1	-	-
Oklahoma-----	27	46	-	-	1	1	1	-	27	4	-	-
Texas-----	680	784	-	2	1	-	3	2	213	121	19	23
MOUNTAIN-----	417	310	-	4	2	1	-	-	136	45	2	-
Montana-----	12	9	-	-	-	-	-	-	17	2	-	-
Idaho-----	17	30	-	4	-	-	-	-	2	2	-	-
Wyoming-----	2	8	-	-	2	-	-	-	-	-	-	-
Colorado-----	106	79	-	-	-	-	-	-	11	8	-	-
New Mexico-----	72	20	-	-	-	1	-	-	30	5	2	-
Arizona-----	173	138	-	-	-	-	-	-	56	10	-	-
Utah-----	35	26	-	-	-	-	-	-	20	18	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	396	399	-	-	-	8	2	-	173	135	17	14
Washington-----	114	128	-	-	-	1	-	-	22	49	-	-
Oregon-----	92	80	-	-	-	-	-	-	18	28	-	-
California-----	190	191	-	-	-	7	2	-	133	58	17	14
Alaska-----	2	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	1	-	27	51	-	-



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	17th week ended April 30, 1955	16th week ended April 23, 1955	17th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 17 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	9,926	10,040	9,987	-0.6	178,099	174,296	+2.2
New England----- (14 cities)	683	706	684	-0.1	12,587	11,775	+6.9
Middle Atlantic----- (17 cities)	2,938	3,096	2,994	-1.9	53,630	51,857	+3.4
East North Central----- (18 cities)	2,193	2,226	2,195	-0.1	38,660	38,220	+1.2
West North Central----- (8 cities)	688	651	710	-3.1	11,849	12,148	-2.5
South Atlantic----- (9 cities)	734	763	781	-6.0	13,359	13,514	-1.1
East South Central----- (8 cities)	426	455	432	-1.4	8,177	8,134	+0.5
West South Central----- (13 cities)	784	727	767	+2.2	13,863	13,453	+3.0
Mountain----- (7 cities)	189	193	205	-7.8	3,551	3,313	+7.2
Pacific----- (12 cities)	1,291	1,223	1,189	+8.6	22,423	21,882	+2.5

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 30, 1955

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

CITY	17th week ended Apr. 30, 1955	16th week ended Apr. 23, 1955	CUMULATIVE NUMBER FOR FIRST 17 WEEKS		CITY	17th week ended Apr. 30, 1955	16th week ended Apr. 23, 1955	CUMULATIVE NUMBER FOR FIRST 17 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL--Con.				
Boston-----	217	257	4,356	3,885	St. Louis-----	215	212	3,793	3,974
Bridgeport-----	47	27	666	622	St. Paul-----	69	50	1,131	1,112
Cambridge-----	40	30	514	505	Wichita-----	29	46	652	697
Fall River-----	33	22	518	519	SOUTH ATLANTIC				
Hartford-----	41	43	850	778	Atlanta-----	100	115	1,778	1,812
Lowell-----	28	26	423	498	Baltimore-----	229	241	3,982	3,877
Lynn-----	24	23	433	386	Charlotte-----	16	31	529	542
New Bedford-----	24	29	434	387	Jacksonville-----	(44)	(59)	(838)	(871)
New Haven-----	31	48	790	807	Miami-----	35	43	873	1,141
Providence-----	64	62	1,172	1,093	Norfolk-----	19	27	570	516
Somerville-----	16	18	293	258	Richmond-----	56	47	1,131	1,115
Springfield, Mass.-----	37	36	750	710	Sevannah-----	---	(29)	---	(498)
Waterbury-----	18	26	438	415	Tampa-----	51	55	993	1,001
Worcester-----	63	59	950	892	Washington, D. C.-----	185	167	2,866	2,926
MIDDLE ATLANTIC					Wilmingon, Del.-----	43	37	637	584
Albany-----	43	56	817	780	EAST SOUTH CENTRAL				
Allentown-----	(43)	(44)	(655)	(609)	Birmingham-----	75	67	1,378	1,373
Buffalo-----	141	141	2,406	2,489	Chattanooga-----	39	38	774	808
Camden-----	28	28	657	660	Knoxville-----	25	42	597	594
Elizabeth-----	31	27	505	485	Louisville-----	103	109	1,917	1,847
Erie-----	32	40	625	569	Memphis-----	75	111	1,673	1,601
Jersey City-----	40	79	1,263	1,252	Mobile-----	34	22	497	562
Newark, N. J.-----	94	112	1,846	1,750	Montgomery-----	22	18	447	462
New York City-----	1,483	1,618	28,226	27,393	Nashville-----	53	48	894	887
Paterson-----	47	31	694	683	WEST SOUTH CENTRAL				
Philadelphia-----	503	533	8,566	8,097	Austin-----	25	24	445	426
Pittsburgh-----	222	164	3,156	2,890	Baton Rouge-----	25	17	380	399
Reading-----	(27)	(9)	(397)	(378)	Corpus Christi-----	11	27	308	265
Rochester, N. Y.-----	85	87	1,634	1,606	Dallas-----	108	95	1,680	1,651
Schenectady-----	28	21	399	417	El Paso-----	26	21	487	455
Scranton-----	(24)	(37)	(599)	(579)	Fort Worth-----	57	52	956	902
Syracuse-----	53	44	962	967	Houston-----	135	108	2,232	2,208
Trenton-----	42	62	839	812	Little Rock-----	36	49	728	712
Jtica-----	45	26	530	533	New Orleans-----	126	141	2,626	2,637
Yonkers-----	21	27	505	474	Oklahoma City-----	55	55	985	1,034
EAST NORTH CENTRAL					San Antonio-----	88	73	1,532	1,362
Akron-----	44	59	930	947	Shreveport-----	27	50	713	650
Canton-----	25	19	449	526	Tulsa-----	65	15	791	752
Chicago-----	737	724	12,526	12,624	MOUNTAIN				
Cincinnati-----	112	145	2,617	2,412	Albuquerque-----	13	14	432	472
Cleveland-----	193	203	3,463	3,548	Colorado Springs-----	15	15	240	201
Columbus-----	126	101	1,891	1,759	Denver-----	94	111	1,951	1,786
Dayton-----	69	66	1,137	1,122	Ogden-----	15	12	181	171
Detroit-----	332	335	5,696	5,490	Phoenix-----	28	24	430	393
Evansville-----	32	35	536	558	Pueblo-----	16	12	233	219
Flint-----	35	33	620	651	Salt Lake City-----	(38)	---	---	(695)
Fort Wayne-----	40	38	578	448	Tucson-----	8	5	84	71
Gary-----	(26)	(28)	(465)	(432)	PACIFIC				
Grand Rapids-----	42	49	716	710	Berkeley-----	26	23	312	316
Indianapolis-----	97	96	1,917	2,000	Long Beach-----	57	50	885	847
Milwaukee-----	119	129	2,094	2,101	Los Angeles-----	450	390	8,082	7,955
Peoria-----	29	21	493	534	Oakland-----	80	75	1,569	1,667
South Bend-----	22	32	428	390	Pasadena-----	35	37	601	567
Toledo-----	87	93	1,671	1,547	Portland, Oreg.-----	109	103	1,629	1,696
Youngstown-----	52	48	898	853	Sacramento-----	46	66	859	825
WEST NORTH CENTRAL					San Diego-----	64	80	1,365	1,227
Des Moines-----	60	56	856	815	San Francisco-----	200	173	3,393	3,249
Duluth-----	24	24	438	445	Seattle-----	149	146	2,312	2,117
Kansas City, Kans.-----	---	(34)	---	(543)	Spokane-----	49	40	755	798
Kansas City, Mo.-----	102	105	1,901	1,979	Tacoma-----	26	40	661	618
Minneapolis-----	122	117	2,016	2,041	Honolulu-----	(44)	(32)	(631)	(612)
Omaha-----	67	41	1,062	1,085					

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

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