

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

May 14, 1954

Washington 25, D. C.

Vol. 3, No. 18

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 8, 1954

A total of 146 cases of poliomyelitis was reported in the United States for the current week as compared with 109 for the corresponding week of 1953. Almost two-thirds of the number reported this week were in 4 States as follows: California, 38 cases; Texas, 31; Florida, 15; and Mississippi, 8. In Hawaii, where the incidence has been unusually high, the number of reported cases decreased from 9 for the week ended May 1 to 2 for the current week.

The incidence of infectious hepatitis has been continuously decreasing during the past 6 weeks—from 1,591 cases reported for the week ended March 27 to 1,108 for the current week. The cumulative total for the first 18 weeks of this year is 23,169 cases as compared with 12,171 for the corresponding period of last year.

EPIDEMIOLOGICAL REPORTS

Unidentified disease

Dr. U. P. Kokko, Kentucky Department of Health, reports an outbreak of an unidentified disease in the north eastern part of the State. It was estimated that more than a hundred cases have occurred in 3 school districts, 10 to 20 miles apart. An analysis of 88 cases showed that the majority were in children between the ages of 7 and 13. Sixty-five of these cases were in females and 23 were in males. The main symptoms were purplish maculo-annular rash resembling marmoration caused by radiating heat. The rash was, in most cases, on exposed parts of the body, but in a few instances, it appeared on covered parts of the body, also. About half of the cases had no generalized symptoms, and the other half had either mild fever or loss of appetite and other mild gastro-intestinal symptoms. Intervals of several days to 2 weeks were reported between cases occurring in the same households. It was not possible to correlate these conditions to any chemical agent and the clinical picture did not indicate contact dermatitis.

Suspected smallpox

Dr. L. L. Parks, Florida State Board of Health, reports that a 20-month-old child was suspected of having smallpox when seen by a physician. The patient had a high temperature. However, the lesions were in various stages of development—papules, pustules, and crusts. A listing of exposure to chicken pox was found on investigation, which had not been indicated when the patient was first seen by the attending physician. The final diagnosis was considered to be chicken pox.

Psittacosis

Dr. L. M. Schuman, Illinois Department of Public Health, reports a case of psittacosis in a 14-year-old boy. The symptoms were chills, sweating, prostration, headache, loss of appetite, and fever. The patient had a cough and blood-tinged sputum when admitted to a hospital 4 days after the onset of his illness. The complement fixation test was positive for psittacosis in a dilution of 1:64. Repeated X-rays have shown patchy areas of consolidation. The patient was in contact with parakeets several times in a home of a friend. No information was given about

these birds.

The Los Angeles County Health Department reports a case of psittacosis in a 55-year-old woman. She became ill with fever and backache, but no cough. An X-ray taken during her illness showed pneumonia. Complement fixation tests were positive in titers of 1:32 and 1:64, respectively, on blood specimens taken 7 and 8 weeks after onset of the disease. The patient was in contact with 2 parakeets on visits to her daughter's home. These birds are healthy and there is no history of illness among them. It is possible that the patient was in contact with a parakeet on the patio of the store where she is employed. No laboratory examination was made on any of these birds.

Salmonellosis

Dr. A. L. Marshall, Indiana Department of Health, reports a case of salmonellosis. The organism isolated was *S. choleraesuis*. The environmental hygiene of the patient was good but the water supply (well on farm) was considered unsafe for drinking purposes. However, no other cases occurred in the family.

Gastro-enteritis

Dr. E. A. Belden, Missouri Department of Public Health and Welfare, reports a case of gastro-enteritis in a youth who ate a ham sandwich in a local restaurant. His mother, who ate another kind of sandwich, did not become ill. Four hours after eating the sandwich, the boy became ill with vomiting and diarrhea. Samples of the ham being served at that time were secured for laboratory examination, and a pure culture of staphylococci was obtained. No other cases were reported from this source. Two other cases were suspected, but lack of information prevented further investigation. The number of persons exposed to the vehicle of infection was not known.

Dr. S. B. Osgood, Oregon State Board of Health, reports an outbreak of gastro-enteritis among persons who ate ice cream and cake. The symptoms were fever, nausea, vomiting, and pain in the stomach. One adult who became ill immediately did not have ice cream with his cake. The other 7 cases were in children, with an average age of 10 years, and all ate both ice cream and cake. Some became ill soon after partaking of the cake, while others became ill about 2 hours later. The adult stated that the cake had "hard-like texture" which caused a peculiar taste. A toxicological examination did not reveal the etiologic agent.

Dr. A. L. Marshall reports 2 small outbreaks of gastro-enteritis in widely separated areas in Indiana. In one instance 11 persons in several families became ill with diarrhea. Stool cultures of 5 patients revealed *Shigella flexneri*. The source of the infection was not found. The other outbreak was on a farm where 4 members of a family became ill with gastro-enteritis. Four other persons living on the farm remained well. The disease was suspected to be typhoid fever but the organism was not isolated. The family uses raw milk. The status of the cows, milk, and the milk handlers has not been determined. The water supply is from a spring protected by concrete installation. The source of this outbreak was not found but laboratory examination of the water showed it to be polluted.

2 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	16th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 8, 1954	Ended May 9, 1953	Median 1949-53	First 16 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	2	7	16	16	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	12	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	38	40	---	513	532	---	(1)	(1)	(1)	(1)
Diphtheria-----055	22	38	47	678	787	1,515	2,043	2,458	4,541	July 1
Encephalitis, infectious-----082	38	15	13	442	327	---	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,108	912	---	² 23,169	12,171	---	(1)	(1)	(1)	(1)
Malaria-----110-117	11	17	---	154	172	---	(1)	(1)	(1)	(1)
Measles-----085	28,904	24,357	24,611	380,333	252,951	294,061	416,425	284,385	323,451	Sept. 1
Meningococcal infections-----057	73	122	86	1,999	2,517	1,899	3,321	3,792	2,978	Sept. 1
Polioymyelitis-----080	146	109	72	³ 2,122	2,062	1,623	⁵ 569	481	326	Apr. 1
Psittacosis-----096.2	⁴ 6	-	---	⁵ 82	3	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	1	1	2	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	9	1	6	23	17	21	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	3,283	4,137	1,938	79,926	74,647	47,464	114,560	111,235	70,670	Aug. 1
Smallpox-----084	-	-	-	-	3	8	(1)	(1)	(1)	(1)
Trichinosis-----128	4	3	---	⁶ 102	93	---	(1)	(1)	(1)	(1)
Tularemia-----059	11	9	10	220	190	249	(1)	(1)	(1)	(1)
Typhoid fever-----040	37	42	32	⁷ 548	467	548	⁷ 139	162	145	Apr. 1
Typhus fever, endemic-----101	1	4	---	45	57	---	11	17	---	Apr. 1
Whooping cough-----056	1,001	677	1,150	19,197	11,329	20,125	28,954	19,186	34,389	Oct. 1
Rabies in animals-----	124	159	---	3,107	3,023	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.
²Addition: Louisiana, 89 delayed cases. Deduction: Kentucky, week ended May 1, 3 cases.
³Deductions: Montana, weeks ended April 3 and 10, 1 case each; Mississippi, week ended April 24, 1 case.
⁴Alabama, California, Illinois, North Dakota, Pennsylvania, and Wyoming, 1 case each.
⁵Addition: Texas, week ended May 1, 1 case.
⁶Addition: Iowa, week ended April 24, 1 case.
⁷Deduction: Kentucky, week ended May 1, 1 case.

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 9, 1953, AND MAY 8, 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-----	38	40	22	38	38	15	1,108	912	9	12	2	5
NEW ENGLAND-----	2	3	1	2	1	1	50	81	-	-	-	-
Maine-----	-	-	-	-	-	-	18	14	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	34	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	4	-	-	-	-
Massachusetts-----	1	-	1	2	1	1	23	21	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	2	-	-	-	-	-
Connecticut-----	1	3	-	-	-	-	7	8	-	-	-	-
MIDDLE ATLANTIC-----	1	4	-	4	7	9	193	97	-	-	-	-
New York-----	1	2	-	1	6	8	153	81	-	-	-	-
New Jersey-----	-	1	-	1	1	1	9	-	-	-	-	-
Pennsylvania-----	-	1	-	2	-	-	31	16	-	-	-	-
EAST NORTH CENTRAL-----	6	5	2	3	5	3	150	108	-	1	-	-
Ohio-----	-	-	1	1	1	-	20	32	-	-	-	-
Indiana-----	-	-	1	-	-	-	34	35	-	-	-	-
Illinois-----	4	5	-	2	-	-	39	25	-	1	-	-
Michigan-----	1	-	-	-	4	2	36	7	-	-	-	-
Wisconsin-----	1	-	-	-	-	1	21	11	-	-	-	-
WEST NORTH CENTRAL-----	9	15	-	5	-	-	185	145	-	1	-	-
Minnesota-----	3	6	-	-	-	-	60	14	-	1	-	-
Iowa-----	5	1	-	-	-	-	93	67	-	-	-	-
Missouri-----	1	-	-	2	-	-	11	27	-	-	-	-
North Dakota-----	-	1	-	-	-	-	3	5	-	-	-	-
South Dakota-----	-	1	-	-	-	-	3	-	-	-	-	-
Nebraska-----	-	-	-	1	-	-	3	15	-	-	-	-
Kansas-----	-	6	-	2	-	-	12	17	-	-	-	-
SOUTH ATLANTIC-----	3	6	9	6	16	2	112	182	-	-	2	3
Delaware-----	-	-	-	-	-	-	2	-	-	-	-	-
Maryland-----	-	1	-	-	1	-	5	8	-	-	-	2
District of Columbia-----	-	-	-	-	-	-	4	4	-	-	-	-
Virginia-----	3	-	2	1	-	-	60	111	-	-	-	1
West Virginia-----	-	-	-	1	9	-	-	17	-	-	-	-
North Carolina-----	-	-	5	1	6	1	24	25	-	-	-	-
South Carolina-----	-	1	1	-	-	-	1	-	-	-	-	-
Georgia-----	-	4	-	2	-	-	14	3	-	-	2	-
Florida-----	-	-	1	1	-	1	2	14	-	-	-	-
EAST SOUTH CENTRAL-----	7	2	2	1	1	-	85	176	1	3	-	-
Kentucky-----	-	-	1	-	-	-	11	29	-	-	-	-
Tennessee-----	1	-	1	1	1	-	48	75	-	-	-	-
Alabama-----	4	1	-	-	-	-	9	37	1	2	-	-
Mississippi-----	2	1	-	-	-	-	17	35	-	1	-	-
WEST SOUTH CENTRAL-----	4	5	6	9	3	-	113	29	8	3	-	-
Arkansas-----	1	2	1	-	-	-	9	8	-	1	-	-
Louisiana-----	2	-	-	-	-	-	32	-	-	-	-	-
Oklahoma-----	1	1	1	2	1	-	9	8	1	-	-	-
Texas-----	-	2	4	7	2	-	63	13	7	2	-	-
MOUNTAIN-----	1	-	-	5	-	-	83	23	-	-	-	-
Montana-----	-	-	-	1	-	-	-	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	27	1	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	28	20	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	-	-	-	-	-
Arizona-----	1	-	-	1	-	-	20	1	-	-	-	-
Utah-----	-	-	-	3	-	-	1	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	6	-	-	-	-	-
PACIFIC-----	5	-	2	3	5	-	137	71	-	4	-	2
Washington-----	-	-	2	3	-	-	37	18	-	-	-	-
Oregon-----	-	-	-	-	-	-	24	33	-	-	-	-
California-----	5	-	-	-	5	-	76	20	-	4	-	2
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	3
Puerto Rico-----	-	-	2	4	-	-	2	-	-	-	-	-

¹Includes cases not specified as civilian or military.

²Includes 44 delated cases.

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 9, 1953, AND MAY 8, 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 (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	(085)		1954	1953	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
	1954	1953			1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	28,904	24,357	73	122	146	109	57	42	40	27	9	1
NEW ENGLAND-----	907	240	2	5	3	2	1	2	1	-	-	-
Maine-----	125	30	-	1	-	-	-	-	-	-	-	-
New Hampshire-----	9	4	-	-	-	-	-	-	-	-	-	-
Vermont-----	71	13	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	575	110	1	3	2	-	1	-	-	-	-	-
Rhode Island-----	28	9	-	1	-	-	-	-	-	-	-	-
Connecticut-----	99	74	1	-	1	2	-	2	1	-	-	-
MIDDLE ATLANTIC-----	5,617	1,297	18	15	3	10	-	3	1	-	-	-
New York-----	3,672	407	8	3	1	6	-	3	-	-	-	-
New Jersey-----	110	185	5	7	1	2	-	-	1	-	-	-
Pennsylvania-----	1,835	705	5	5	1	2	-	-	-	-	-	-
EAST NORTH CENTRAL-----	5,604	5,805	16	32	5	10	1	-	1	1	-	-
Ohio-----	943	1,660	6	14	-	1	-	-	-	-	-	-
Indiana-----	648	349	1	-	2	-	-	-	-	-	-	-
Illinois-----	1,803	1,054	4	7	2	4	1	-	1	-	-	-
Michigan-----	1,856	944	4	7	1	1	-	-	-	1	-	-
Wisconsin-----	354	1,798	1	4	-	4	-	-	-	-	-	-
WEST NORTH CENTRAL-----	1,415	2,833	9	8	7	15	1	6	1	3	-	-
Minnesota-----	25	236	-	3	-	3	-	3	-	-	-	-
Iowa-----	986	587	2	-	1	2	1	1	-	1	-	-
Missouri-----	85	261	4	1	6	5	-	2	1	2	-	-
North Dakota-----	30	117	1	-	-	-	-	-	-	-	-	-
South Dakota-----	15	20	-	1	-	2	-	-	-	-	-	-
Nebraska-----	188	276	1	-	-	-	-	-	-	-	-	-
Kansas-----	86	1,336	1	3	-	3	-	-	-	-	-	-
SOUTH ATLANTIC-----	4,480	1,160	7	29	23	15	10	7	5	6	3	-
Delaware-----	102	43	-	-	-	-	-	-	-	-	-	-
Maryland-----	571	88	-	-	-	1	-	1	-	-	-	-
District of Columbia-----	175	21	-	1	-	-	-	-	-	-	-	-
Virginia-----	1,389	233	2	5	1	1	-	1	1	-	2	-
West Virginia-----	517	235	-	3	2	2	-	-	-	-	-	-
North Carolina-----	370	231	5	3	3	-	1	-	2	-	1	-
South Carolina-----	144	137	-	2	-	2	-	2	-	-	-	-
Georgia-----	244	109	-	10	2	2	-	-	-	2	-	-
Florida-----	968	63	-	5	15	7	9	3	2	4	-	-
EAST SOUTH CENTRAL-----	1,745	620	4	10	16	6	3	-	2	-	2	-
Kentucky-----	653	102	1	-	2	-	-	-	-	-	-	-
Tennessee-----	557	138	-	1	1	-	-	-	-	-	1	-
Alabama-----	368	190	2	4	5	4	-	-	-	-	-	-
Mississippi-----	167	190	1	5	8	2	3	-	2	-	1	-
WEST SOUTH CENTRAL-----	3,931	6,232	5	13	40	31	15	17	12	9	-	-
Arkansas-----	53	730	1	2	5	2	2	2	2	-	-	-
Louisiana-----	69	276	-	6	-	1	-	-	-	1	-	-
Oklahoma-----	279	363	-	1	4	4	1	3	-	1	-	-
Texas-----	3,530	4,863	4	4	31	24	12	12	10	7	-	-
MOUNTAIN-----	1,220	2,156	4	1	7	3	2	-	1	-	4	-
Montana-----	297	32	1	-	1	-	1	-	-	-	1	-
Idaho-----	175	69	-	-	-	-	-	-	-	-	-	-
Wyoming-----	38	175	-	-	-	-	-	-	-	-	2	-
Colorado-----	66	726	1	-	2	2	1	-	1	-	1	-
New Mexico-----	47	307	2	1	-	-	-	-	-	-	-	-
Arizona-----	257	385	-	-	-	-	-	-	-	-	-	-
Utah-----	338	457	-	-	1	1	-	-	-	-	-	-
Nevada-----	2	5	-	-	3	-	-	-	-	-	-	-
PACIFIC-----	3,985	4,014	8	9	42	17	24	7	16	8	-	1
Washington-----	1,173	500	-	2	2	1	-	-	-	-	-	-
Oregon-----	111	577	1	1	2	3	2	3	-	-	-	1
California-----	2,701	2,937	7	6	38	13	22	4	16	8	-	-
Alaska-----	90	3	-	-	-	4	-	-	-	-	-	-
Hawaii-----	5	6	-	-	2	-	-	-	2	-	-	-
Puerto Rico-----	125	29	-	-	-	-	-	-	-	-	-	-

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

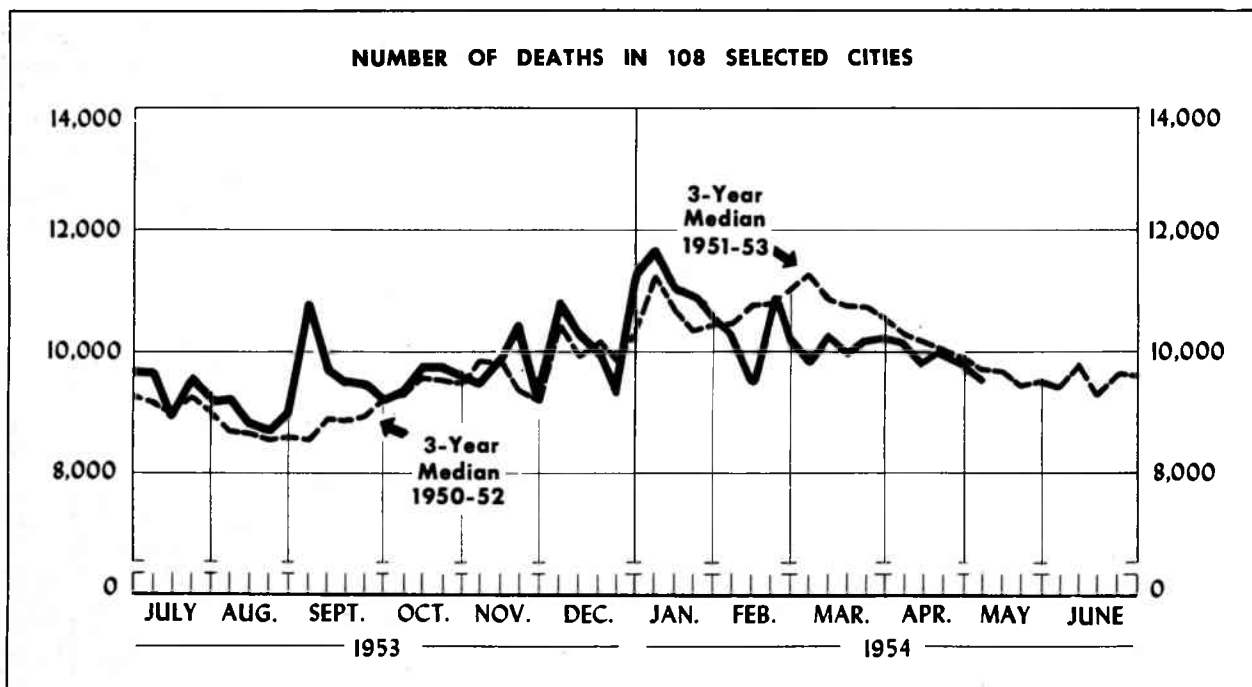
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 9, 1953, AND MAY 8, 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)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOPPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	3,283	4,137	4	11	9	37	42	1	1,001	677	124	159
NEW ENGLAND-----	272	324	1	-	-	-	2	-	104	63	-	-
Maine-----	68	70	-	-	-	-	-	-	8	11	-	-
New Hampshire-----	10	3	-	-	-	-	-	-	-	5	-	-
Vermont-----	11	17	-	-	-	-	-	-	7	1	-	-
Massachusetts-----	100	121	1	-	-	-	1	-	57	29	-	-
Rhode Island-----	12	26	-	-	-	-	-	-	2	8	-	-
Connecticut-----	71	87	-	-	-	-	1	-	30	9	-	-
MIDDLE ATLANTIC-----	499	631	1	1	1	4	2	1	184	139	3	4
New York-----	241	380	1	-	1	-	-	1	100	58	3	4
New Jersey-----	61	111	-	-	-	2	-	-	21	47	-	-
Pennsylvania-----	197	140	-	1	-	2	2	-	63	34	-	-
EAST NORTH CENTRAL-----	503	621	-	3	1	6	9	-	192	88	11	27
Ohio-----	84	169	-	-	-	4	8	-	45	21	1	4
Indiana-----	90	33	-	-	-	-	1	-	22	12	-	13
Illinois-----	75	121	-	2	-	2	-	-	29	3	5	7
Michigan-----	129	182	-	-	1	-	-	-	74	39	3	3
Wisconsin-----	125	116	-	1	-	-	-	-	22	13	2	-
WEST NORTH CENTRAL-----	178	209	-	1	-	4	1	-	40	19	35	14
Minnesota-----	31	58	-	-	-	1	-	-	12	1	11	-
Iowa-----	35	44	-	-	-	-	-	-	12	2	12	7
Missouri-----	32	21	-	1	-	1	1	-	5	4	12	5
North Dakota-----	16	20	-	-	-	-	-	-	-	-	-	2
South Dakota-----	19	14	-	-	-	-	-	-	-	3	-	-
Nebraska-----	7	20	-	-	-	-	-	-	-	8	-	-
Kansas-----	38	32	-	-	-	2	-	-	11	1	-	-
SOUTH ATLANTIC-----	266	384	-	-	2	10	4	-	72	28	27	25
Delaware-----	1	3	-	-	-	-	-	-	1	-	-	-
Maryland-----	43	157	-	-	-	-	-	-	17	1	-	-
District of Columbia-----	1	4	-	-	-	-	-	-	2	10	-	-
Virginia-----	104	104	-	-	-	-	1	-	13	4	6	9
West Virginia-----	44	41	-	-	-	5	-	-	11	2	12	1
North Carolina-----	52	23	-	-	-	-	1	-	14	1	2	1
South Carolina-----	2	5	-	-	-	3	2	-	5	3	6	8
Georgia-----	3	41	-	-	2	1	-	-	3	-	1	5
Florida-----	16	6	-	-	-	1	-	-	6	7	-	1
EAST SOUTH CENTRAL-----	103	102	-	1	1	6	4	-	65	14	17	45
Kentucky-----	37	24	-	-	-	1	2	-	14	6	4	12
Tennessee-----	48	60	-	-	-	4	-	-	20	3	3	14
Alabama-----	14	7	-	-	-	-	1	-	24	1	8	11
Mississippi-----	4	11	-	1	1	1	1	-	7	4	2	8
WEST SOUTH CENTRAL-----	727	887	-	4	2	5	17	-	207	210	30	40
Arkansas-----	33	75	-	-	2	1	5	-	9	15	6	3
Louisiana-----	10	9	-	-	-	2	1	-	5	1	-	-
Oklahoma-----	37	26	-	2	-	1	-	-	5	10	2	1
Texas-----	647	777	-	2	-	1	11	-	188	184	22	36
MOUNTAIN-----	369	438	2	1	2	2	1	-	47	28	-	2
Montana-----	5	17	-	-	-	-	-	-	2	4	-	-
Idaho-----	6	30	-	-	-	-	-	-	-	-	-	-
Wyoming-----	10	270	-	1	-	1	-	-	1	1	-	-
Colorado-----	23	51	-	-	-	1	1	-	7	-	-	-
New Mexico-----	12	16	-	-	-	-	-	-	4	19	-	2
Arizona-----	284	19	2	-	-	-	-	-	11	4	-	-
Utah-----	29	33	-	-	2	-	-	-	22	-	-	-
Nevada-----	-	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	366	541	-	-	-	-	2	-	90	88	1	2
Washington-----	84	140	-	-	-	-	-	-	19	5	-	-
Oregon-----	27	38	-	-	-	-	1	-	9	33	-	-
California-----	255	363	-	-	-	-	1	-	62	50	1	2
Alaska-----	7	-	-	-	-	1	-	-	-	1	-	-
Hawaii-----	-	-	-	-	-	-	-	-	4	1	-	-
Puerto Rico-----	-	1	-	-	-	-	-	-	93	21	1	1

Morbidity and Mortality Weekly Report



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	18th week ended May 8, 1954	17th week ended May 1, 1954	18th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 18 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	9,488	9,730	9,602	-1.2	182,939	194,295	-5.8
New England----- (14 cities)	639	671	643	-0.6	12,414	12,957	-4.2
Middle Atlantic----- (17 cities)	2,905	2,831	2,952	-1.6	54,762	57,943	-5.5
East North Central----- (18 cities)	2,103	2,161	2,230	-5.7	40,323	43,103	-6.4
West North Central----- (8 cities)	671	689	689	-2.6	12,819	14,241	-10.0
South Atlantic----- (8 cities)	650	684	692	-6.1	13,023	14,066	-7.4
East South Central----- (8 cities)	417	439	420	-0.7	8,551	9,058	-5.6
West South Central----- (12 cities)	639	760	661	-3.3	13,693	14,253	-3.9
Mountain----- (8 cities)	220	230	195	+12.8	4,228	4,746	-10.9
Pacific----- (12 cities)	1,244	1,265	1,185	+5.0	23,126	23,928	-3.4

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 8, 1954

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

CITY	18th week ended May 8, 1954	17th week ended May 1, 1954	CUMULATIVE NUMBER FOR FIRST 18 WEEKS		CITY	18th week ended May 8, 1954	17th week ended May 1, 1954	CUMULATIVE NUMBER FOR FIRST 18 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	213	237	4,098	4,443	St. Louis-----	224	234	4,198	4,754
Bridgeport-----	26	36	648	606	St. Paul-----	70	66	1,182	1,258
Cambridge-----	29	31	534	525	Wichita-----	38	25	735	766
Fall River-----	32	36	551	535	SOUTH ATLANTIC				
Hartford-----	44	34	822	878	Atlanta-----	92	103	1,904	2,013
Lowell-----	26	32	524	484	Baltimore-----	203	207	4,080	4,467
Lynn-----	19	20	405	399	Charlotte-----	32	36	574	534
New Bedford-----	22	21	409	457	Jacksonville-----	(44)	(46)	(915)	---
New Haven-----	42	47	849	858	Miami-----	---	(97)	---	(1,187)
Providence-----	58	51	1,151	1,189	Norfolk-----	38	35	554	610
Somerville-----	12	9	270	293	Richmond-----	53	59	1,168	1,277
Springfield, Mass.-----	43	40	753	734	Savannah-----	(29)	(29)	(527)	---
Waterbury-----	23	20	458	516	Tampa-----	53	47	1,054	1,107
Worcester-----	50	57	942	1,040	Washington, D. C.-----	144	163	3,070	3,445
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	45	42	825	848	Birmingham-----	68	73	1,441	1,350
Allentown-----	(42)	(41)	(651)	---	Chattanooga-----	34	57	842	894
Buffalo-----	152	136	2,641	2,681	Knoxville-----	31	36	625	658
Camden-----	33	29	693	669	Louisville-----	104	90	1,951	2,027
Elizabeth-----	43	23	528	582	Memphis-----	72	87	1,673	1,983
Eric-----	33	37	602	637	Mobile-----	27	33	589	597
Jersey City-----	74	67	1,326	1,328	Montgomery-----	27	25	489	544
Newark, N. J.-----	87	93	1,837	2,046	Nashville-----	54	38	941	1,005
New York City-----	1,530	1,505	28,923	30,582	WEST SOUTH CENTRAL				
Paterson-----	33	37	716	743	Austin-----	24	22	450	463
Philadelphia-----	462	428	8,559	9,225	Baton Rouge-----	---	(26)	---	(281)
Pittsburgh-----	155	162	3,045	3,279	Corpus Christi-----	10	11	275	334
Reading-----	(19)	(17)	(397)	---	Dallas-----	88	101	1,739	1,797
Rochester, N. Y.-----	90	77	1,696	1,850	El Paso-----	27	30	482	544
Schenectady-----	21	22	438	452	Fort Worth-----	50	44	952	1,090
Scranton-----	(41)	(28)	(620)	---	Houston-----	96	117	2,304	2,265
Syracuse-----	63	71	1,030	1,006	Little Rock-----	28	57	740	810
Trenton-----	31	46	843	935	New Orleans-----	122	161	2,759	2,946
Utica-----	25	32	558	590	Oklahoma City-----	49	54	1,083	1,023
Yonkers-----	28	24	502	490	San Antonio-----	60	66	1,422	1,524
EAST NORTH CENTRAL					SHREVEPORT				
Akron-----	63	43	1,010	1,111	Shreveport-----	38	41	688	779
Canton-----	30	24	556	554	Tulsa-----	47	56	799	678
Chicago-----	692	753	13,316	14,411	MOUNTAIN				
Cincinnati-----	134	139	2,546	2,781	Albuquerque-----	27	26	499	489
Cleveland-----	180	213	3,728	3,975	Colorado Springs-----	12	11	213	249
Columbus-----	97	91	1,856	2,032	Denver-----	99	110	1,885	2,135
Dayton-----	63	54	1,185	1,183	Ogden-----	16	14	187	216
Detroit-----	294	324	5,784	6,106	Phoenix-----	24	19	417	457
Evansville-----	38	26	596	635	Pueblo-----	11	13	230	258
Flint-----	44	40	695	691	Salt Lake City-----	27	35	722	836
Fort Wayne-----	25	27	473	575	Tucson-----	4	2	75	106
Gary-----	---	(22)	---	---	PACIFIC				
Grand Rapids-----	32	32	742	747	Berkeley-----	12	19	328	320
Indianapolis-----	108	108	2,108	2,147	Long Beach-----	58	55	905	912
Milwaukee-----	134	99	2,235	2,375	Los Angeles-----	442	439	8,397	8,676
Peoria-----	25	35	559	568	Oakland-----	100	85	1,767	1,865
South Bend-----	19	21	409	446	Pasadena-----	35	35	602	662
Toledo-----	82	88	1,629	1,729	Portland, Oreg.-----	100	102	1,796	1,920
Youngstown-----	43	44	896	1,037	Sacramento-----	34	42	859	887
WEST NORTH CENTRAL					SAN DIEGO				
Des Moines-----	57	51	872	936	San Diego-----	74	93	1,301	1,361
Duluth-----	35	23	480	499	San Francisco-----	160	186	3,409	3,747
Kansas City, Kans.-----	---	(25)	---	(608)	Seattle-----	138	129	2,255	2,148
Kansas City, Mo.-----	93	120	2,072	2,394	Spokane-----	59	45	857	804
Minneapolis-----	108	101	2,149	2,387	Tacoma-----	32	35	650	626
Omaha-----	46	69	1,131	1,247	Honolulu-----	(28)	(28)	(640)	(589)

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

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
GPO

If you do not desire to continue receiving
this publication, please check here
and return.

Official Business