

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 9, 1955

The first quarter of the year is the period of high incidence for infectious hepatitis. Reports indicate that the peak incidence was reached about the middle of February 1955. This corresponds roughly to that in 1952 and in 1954, the former year being the first for which weekly reports of cases were available. However, in 1953 there were 2 peaks in the number of reported cases—one early in February and the other 3 months later.

During the first quarter of 1955, approximately 5,000 fewer cases of the disease were reported than for the same period in 1954. The total for the first 13 weeks of 1955 was 12,044. A large proportion (about half) of this total was in the northeastern part of the country. Last year 38 percent of the total was reported in this area, and the number reported in the New England Division was relatively low. This division has reported 1,122 cases for the first quarter of 1955 as compared with 779 for the corresponding period of 1954. The only other division reporting an increase this year is the Mountain, where the number of cases rose from 703 for the first 3 months of 1954 to 913 for 1955. (For comparison with other years and other divisions, see accompanying chart.)

While the number of cases is relatively low in the Mountain

Division, the incidence rate based on the population in that area is almost $1\frac{1}{2}$ times that for the New England Division. During the preceding 3 years the South Atlantic Division reported relatively high incidence rates for the first quarter of the year. However, the rate in this division is relatively low for the first quarter of 1955 with only 1 division, the West South Central, reporting a lower incidence rate.

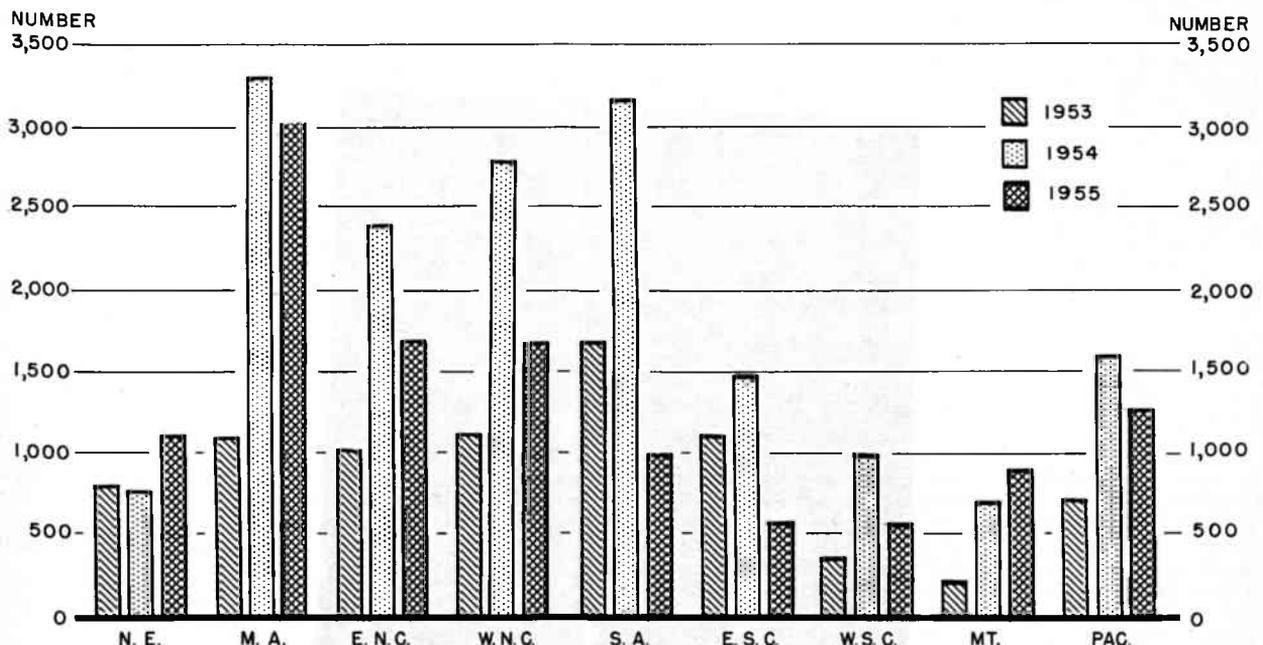
The total number of cases reported during the first quarter of 1955 exceeds those for both 1952 and 1953, but so far no epidemiological reports have been received for this period. During the past 3 years in which the disease has been reportable, information on at least 10 outbreaks was received for the first quarter of each year. This indicates lack of epidemiological investigations or lack of reporting them rather than the absence of any outbreaks for 1955.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. S. B. Osgood, Oregon State Board of Health, reports 2 cases of psittacosis in a woman and her daughter who had visited

Reported Cases of Infectious Hepatitis by Geographic Division:
First Quarter, 1953-55



relatives in Idaho. Three of the relatives in Idaho are reported to have developed the disease. The Idaho family owned a parakeet which was purchased in a local store, but the source of the bird was California. Although this bird appeared well, laboratory tests showed it was infected with psittacosis. Reports indicate that 2 of the Idaho cases were confirmed by complement fixation tests. Tests made on blood specimens of one patient in Oregon were negative, but were positive for the other in a dilution of 1:128.

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 the isolation of influenza A from 2 of 5 throat washings collected from patients in an institution at Utica, New York. The onset of the disease for these individuals was March 14,

but the first case of respiratory illness at the institution occurred on March 8. He also reports a serologic diagnosis of influenza B from an individual in Troy, whose onset was February 26, 1955.

Dr. T. Baker, New York State District Health Officer, states that in February an epidemic of an influenza-like disease swept through his district. Acute and convalescent sera from 4 of 8 patients showed a significant rise to influenza B antibodies and not to other strains of influenza. A hemagglutinative agent was isolated from one of the throat washings but the influenza strain has not yet been determined.

Dr. Henry Bauer, Minnesota Department of Health, reports the serologic diagnosis of influenza B in 2 of 8 students from a small college in the southern part of the State. The first symptoms occurred in the latter part of March.

Dr. G. O. Brown, St. Louis University School of Medicine, St. Louis, Missouri, reports the serologic diagnosis of influenza

Continued on page 8

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	14th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 9, 1955	Ended Apr. 10, 1954	Median 1950-54	First 14 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	1 ²	-	1	11	5	11	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	4	6	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	20	25	---	300	383	---	---	---	---	---
Diphtheria-----055	16	36	45	476	554	935	1,693	1,899	3,117	July 1
Encephalitis, infectious-----082	25	35	16	325	306	258	1,677	1,033	1,005	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	685	1,241	---	12,729	18,491	---	---	---	---	---
Malaria-----110-117	4	7	---	52	94	---	(²)	(²)	(²)	(²)
Measles-----085	25,208	32,531	21,613	257,830	259,413	197,200	315,580	295,505	226,590	Sept. 1
Meningococcal infections-----057	71	115	115	1,334	1,592	1,592	2,426	2,914	2,914	Sept. 1
Poliomyelitis-----080	61	97	63	1,125	1,650	1,380	61	97	63	Apr. 1
Psittacosis-----096.2	³ 3	6	---	93	56	---	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	1	1	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	-	-	-	12	9	9	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	4,583	4,721	3,865	62,113	64,333	44,796	99,504	98,967	61,118	Aug. 1
Smallpox-----084	-	-	-	-	-	5	(²)	(²)	(²)	(²)
Trichiniasis-----128	2	7	---	41	87	---	(²)	(²)	(²)	(²)
Tularemia-----059	5	8	10	179	177	197	(²)	(²)	(²)	(²)
Typhoid fever-----040	28	18	18	335	424	421	28	18	18	Apr. 1
Typhus fever, endemic-----101	1	1	---	17	35	---	(²)	(²)	(²)	(²)
Whooping cough-----056	1,275	1,158	1,158	⁴ 17,636	15,083	16,147	⁴ 34,918	24,840	30,353	Oct. 1
Rabies in animals-----	126	139	166	1,792	2,474	2,411	3,145	4,245	---	Oct. 1

¹Reported in Pennsylvania.

²Frequencies are too small.

³Minnesota, 1 case; Ohio, 2 cases.

⁴Addition; Nebraska, week ended April 2, 12 cases.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 10, 1954, AND APRIL 9, 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-----	20	25	16	36	25	35	685	1,241	3	6	1	1
NEW ENGLAND-----	-	4	1	-	-	-	64	53	-	-	-	-
Maine-----	-	-	-	-	-	-	5	14	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	2	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	7	1	-	-	-	-
Massachusetts-----	-	3	1	-	-	-	29	31	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	5	1	-	-	-	-
Connecticut-----	-	1	-	-	-	-	16	6	-	-	-	-
MIDDLE ATLANTIC-----	2	-	1	3	9	12	195	213	-	-	-	-
New York-----	1	-	1	2	7	12	102	165	-	-	-	-
New Jersey-----	-	-	-	-	1	-	11	16	-	-	-	-
Pennsylvania-----	1	-	-	1	1	-	82	32	-	-	-	-
EAST NORTH CENTRAL-----	3	8	1	3	3	1	79	195	-	-	-	-
Ohio-----	1	-	-	1	-	-	16	56	-	-	-	-
Indiana-----	-	1	-	-	1	1	16	23	-	-	-	-
Illinois-----	2	4	-	-	-	-	19	55	-	-	-	-
Michigan-----	-	2	1	1	-	-	13	29	-	-	-	-
Wisconsin-----	-	1	-	-	2	-	15	32	-	-	-	-
WEST NORTH CENTRAL-----	11	6	1	2	1	4	82	189	-	-	-	-
Minnesota-----	1	2	1	-	-	-	17	69	-	-	-	-
Iowa-----	7	4	-	-	-	1	32	83	-	-	-	-
Missouri-----	1	-	-	-	-	1	16	13	-	-	-	-
North Dakota-----	-	-	-	1	-	-	4	3	-	-	-	-
South Dakota-----	-	-	-	1	-	-	7	10	-	-	-	-
Nebraska-----	-	-	-	-	-	1	3	1	-	-	-	-
Kansas-----	2	-	-	-	1	1	3	10	-	-	-	-
SOUTH ATLANTIC-----	1	3	6	15	2	3	60	173	-	-	-	-
Delaware-----	-	-	-	-	-	-	3	-	-	-	-	-
Maryland-----	-	-	-	1	-	2	8	15	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	-	-
Virginia-----	-	-	-	-	-	-	22	112	-	-	-	-
West Virginia-----	-	-	2	-	1	-	3	23	-	-	-	-
North Carolina-----	-	-	1	10	-	-	13	14	-	-	-	-
South Carolina-----	-	1	1	1	-	-	1	-	-	-	-	-
Georgia-----	1	1	1	-	-	-	4	7	-	-	-	-
Florida-----	-	1	1	3	1	1	6	1	-	-	-	-
EAST SOUTH CENTRAL-----	1	2	2	5	1	1	42	88	-	2	1	1
Kentucky-----	-	-	-	1	-	-	8	20	-	-	1	1
Tennessee-----	1	1	-	3	-	-	17	23	-	-	-	-
Alabama-----	-	1	1	1	1	1	4	15	-	1	-	-
Mississippi-----	-	-	1	-	-	-	13	30	-	1	-	-
WEST SOUTH CENTRAL-----	1	1	3	6	4	3	32	116	2	4	-	-
Arkansas-----	-	-	1	-	-	1	4	1	-	-	-	-
Louisiana-----	-	1	1	1	-	-	-	52	-	-	-	-
Oklahoma-----	-	-	-	1	-	-	4	9	-	1	-	-
Texas-----	1	-	1	4	4	2	24	54	2	3	-	-
MOUNTAIN-----	-	-	1	2	-	1	49	84	-	-	-	-
Montana-----	-	-	-	1	-	1	10	-	-	-	-	-
Idaho-----	-	-	-	-	-	-	6	34	-	-	-	-
Wyoming-----	-	-	-	-	-	-	1	1	-	-	-	-
Colorado-----	-	-	-	-	-	-	10	34	-	-	-	-
New Mexico-----	-	-	-	-	-	-	6	2	-	-	-	-
Arizona-----	-	-	-	1	-	-	16	5	-	-	-	-
Utah-----	-	-	1	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	1	1	-	-	5	10	82	130	1	-	-	-
Washington-----	-	-	-	-	-	-	26	19	-	-	-	-
Oregon-----	-	-	-	-	2	-	22	45	-	-	-	-
California-----	1	1	-	-	3	10	34	66	1	-	-	-
Alaska-----	-	-	-	-	-	-	11	1	-	-	-	-
Hawaii-----	-	-	-	-	-	-	3	1	-	-	-	-
Puerto Rico-----	-	-	2	1	-	-	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 APRIL 10, 1954, AND APRIL 9, 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-----	25,208	32,531	71	115	61	97	26	33	14	38	-	-
NEW ENGLAND-----	4,170	657	4	4	2	-	1	-	-	-	-	-
Maine-----	197	260	1	1	1	-	1	-	-	-	-	-
New Hampshire-----	237	2	-	-	-	-	-	-	-	-	-	-
Vermont-----	326	69	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,770	246	2	2	1	-	-	-	-	-	-	-
Rhode Island-----	287	7	1	-	-	-	-	-	-	-	-	-
Connecticut-----	1,353	73	-	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	4,914	5,615	11	16	8	3	-	1	-	-	-	-
New York-----	1,435	3,454	3	5	7	3	-	1	-	-	-	-
New Jersey-----	2,743	597	1	4	1	-	-	-	-	-	-	-
Pennsylvania-----	736	1,564	7	7	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL-----	4,304	5,860	11	23	9	8	4	2	1	4	-	-
Ohio-----	677	1,133	4	8	3	1	2	1	1	-	-	-
Indiana-----	221	1,221	1	5	-	1	-	-	-	-	-	-
Illinois-----	324	1,494	3	5	3	2	-	-	-	2	-	-
Michigan-----	750	1,639	3	3	3	4	2	1	-	2	-	-
Wisconsin-----	2,332	373	-	2	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	1,700	1,290	2	9	4	9	-	4	3	3	-	-
Minnesota-----	495	37	-	-	2	1	-	1	2	-	-	-
Iowa-----	569	800	-	1	1	2	-	1	-	1	-	-
Missouri-----	392	61	-	2	-	1	-	1	-	-	-	-
North Dakota-----	53	70	-	2	-	-	-	-	-	-	-	-
South Dakota-----	15	44	-	-	-	2	-	-	-	2	-	-
Nebraska-----	8	191	-	2	-	-	-	-	-	-	-	-
Kansas-----	168	87	2	2	1	3	-	1	1	-	-	-
SOUTH ATLANTIC-----	573	4,944	13	20	4	13	3	3	1	4	-	-
Delaware-----	2	112	-	-	-	-	-	-	-	-	-	-
Maryland-----	61	611	-	1	-	-	-	-	-	-	-	-
District of Columbia-----	27	304	-	2	-	1	-	-	-	-	-	-
Virginia-----	146	1,769	4	2	-	1	-	-	-	1	-	-
West Virginia-----	116	378	2	1	-	-	-	-	-	-	-	-
North Carolina-----	18	612	1	3	-	-	-	-	-	-	-	-
South Carolina-----	40	205	1	3	-	-	-	-	-	-	-	-
Georgia-----	94	362	-	3	3	1	3	1	-	-	-	-
Florida-----	69	591	5	5	1	10	-	2	1	3	-	-
EAST SOUTH CENTRAL-----	536	2,935	9	13	2	6	-	1	1	-	-	-
Kentucky-----	65	1,520	2	6	1	1	-	1	1	-	-	-
Tennessee-----	220	639	4	2	-	2	-	-	-	-	-	-
Alabama-----	150	486	-	2	1	3	-	-	-	-	-	-
Mississippi-----	101	290	3	3	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL-----	3,106	6,212	11	21	19	22	12	6	4	8	-	-
Arkansas-----	144	70	4	1	3	-	1	-	1	-	-	-
Louisiana-----	1	176	1	6	2	3	1	-	1	3	-	-
Oklahoma-----	59	140	2	2	-	2	-	-	-	-	-	-
Texas-----	2,902	5,826	4	12	14	17	10	6	2	5	-	-
MOUNTAIN-----	1,051	1,054	3	3	4	3	1	-	-	3	-	-
Montana-----	65	71	-	-	-	1	-	-	-	1	-	-
Idaho-----	18	189	-	-	-	-	-	-	-	-	-	-
Wyoming-----	2	110	1	1	-	-	-	-	-	-	-	-
Colorado-----	62	56	-	1	1	1	1	-	-	1	-	-
New Mexico-----	237	93	1	-	-	-	-	-	-	-	-	-
Arizona-----	645	133	1	1	1	1	-	-	-	1	-	-
Utah-----	10	396	-	-	1	-	-	-	-	-	-	-
Nevada-----	12	6	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	4,854	3,964	7	6	9	33	5	16	4	16	-	-
Washington-----	540	970	1	1	-	-	-	-	-	-	-	-
Oregon-----	168	129	-	-	1	3	1	2	-	-	-	-
California-----	4,146	2,865	6	5	8	30	4	14	4	16	-	-
Alaska-----	16	40	-	1	-	-	-	-	-	-	-	-
Hawaii-----	400	1	-	-	-	8	-	7	-	1	-	-
Puerto Rico-----	154	236	-	-	7	-	7	-	-	-	-	-

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

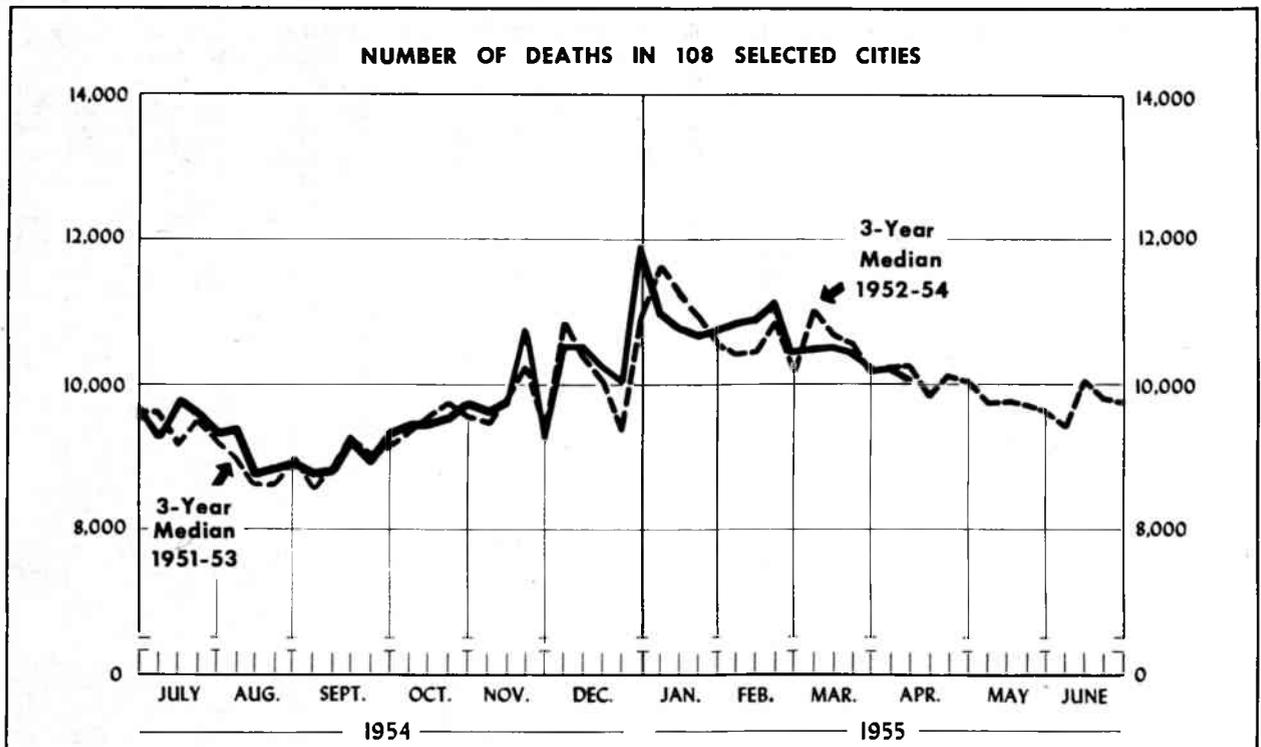
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 10, 1954, AND APRIL 9, 1955.—Continued

(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-----	4,583	4,721	2	5	8	28	18	1	1,275	1,158	126	139
NEW ENGLAND-----	375	445	1	-	-	1	2	-	76	173	-	-
Maine-----	20	104	-	-	-	-	-	-	6	23	-	-
New Hampshire-----	4	14	-	-	-	-	-	-	1	-	-	-
Vermont-----	16	21	-	-	-	-	-	-	4	19	-	-
Massachusetts-----	277	209	-	-	-	1	2	-	46	82	-	-
Rhode Island-----	8	8	1	-	-	-	-	-	12	1	-	-
Connecticut-----	50	89	-	-	-	-	-	-	7	48	-	-
MIDDLE ATLANTIC-----	640	711	1	-	-	3	2	-	101	180	12	10
New York-----	322	370	1	-	-	-	1	-	45	90	11	9
New Jersey-----	59	95	-	-	-	3	-	-	25	37	-	-
Pennsylvania-----	259	246	-	-	-	-	1	-	31	53	1	1
EAST NORTH CENTRAL-----	744	769	-	-	1	1	3	-	154	241	6	13
Ohio-----	182	225	-	-	-	-	3	-	23	40	3	4
Indiana-----	90	106	-	-	-	-	-	-	22	30	3	-
Illinois-----	117	145	-	-	1	-	-	-	18	38	-	3
Michigan-----	235	171	-	-	-	-	-	-	54	101	-	6
Wisconsin-----	120	122	-	-	-	1	-	-	37	32	-	-
WEST NORTH CENTRAL-----	168	260	-	3	-	2	3	-	46	19	25	19
Minnesota-----	46	83	-	-	-	-	1	-	7	7	3	2
Iowa-----	44	51	-	-	-	-	-	-	16	1	11	8
Missouri-----	17	32	-	3	-	1	2	-	8	4	11	8
North Dakota-----	42	19	-	-	-	-	-	-	7	-	-	-
South Dakota-----	3	20	-	-	-	1	-	-	5	1	-	-
Nebraska-----	2	16	-	-	-	-	-	-	-	-	-	1
Kansas-----	14	39	-	-	-	-	-	-	3	6	-	-
SOUTH ATLANTIC-----	531	428	-	1	2	12	3	-	185	81	24	35
Delaware-----	10	7	-	-	-	-	-	-	-	3	-	-
Maryland-----	104	41	-	-	-	-	-	-	9	12	-	-
District of Columbia-----	8	14	-	-	-	1	-	-	2	1	-	-
Virginia-----	174	154	-	-	-	1	-	-	35	39	4	13
West Virginia-----	62	47	-	-	-	1	1	-	60	10	5	9
North Carolina-----	81	110	-	-	-	2	1	-	27	7	1	1
South Carolina-----	21	3	-	-	-	1	-	-	5	2	7	7
Georgia-----	50	46	1	2	3	1	-	-	24	2	3	3
Florida-----	21	6	-	-	-	3	-	-	23	5	4	2
EAST SOUTH CENTRAL-----	203	154	-	-	-	5	1	1	135	100	18	24
Kentucky-----	116	99	-	-	-	4	-	-	68	74	1	5
Tennessee-----	68	45	-	-	-	-	-	-	24	8	6	11
Alabama-----	9	10	-	-	-	1	1	1	37	9	10	5
Mississippi-----	10	-	-	-	-	-	-	-	6	9	1	3
WEST SOUTH CENTRAL-----	940	1,023	-	1	5	3	3	-	209	215	25	37
Arkansas-----	101	120	-	1	1	1	-	-	11	24	5	10
Louisiana-----	5	6	-	-	2	1	2	-	2	5	-	-
Oklahoma-----	30	39	-	-	-	-	-	-	8	5	-	1
Texas-----	804	858	-	2	1	1	1	-	188	181	20	26
MOUNTAIN-----	473	325	-	-	-	-	-	-	113	32	3	-
Montana-----	9	11	-	-	-	-	-	-	6	-	-	-
Idaho-----	12	14	-	-	-	-	-	-	1	-	-	-
Wyoming-----	58	13	-	-	-	-	-	-	2	1	-	-
Colorado-----	74	32	-	-	-	-	-	-	6	1	-	-
New Mexico-----	41	52	-	-	-	-	-	-	9	4	2	-
Arizona-----	201	175	-	-	-	-	-	-	63	12	1	-
Utah-----	78	27	-	-	-	-	-	-	26	14	-	-
Nevada-----	-	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	509	606	-	-	-	1	1	-	256	117	13	1
Washington-----	121	151	-	-	-	-	-	-	29	38	-	-
Oregon-----	99	66	-	-	-	-	-	-	7	14	1	-
California-----	289	389	-	-	-	1	1	-	220	65	12	1
Alaska-----	4	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	1	1	-	5	95	2	2

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 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	14th week ended Apr. 9, 1955	13th week ended Apr. 2, 1955	14th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 14 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	9,827	10,042	10,081	-2.5	145,387	142,845	+1.8
New England----- (14 cities)	675	726	708	-4.7	10,439	9,776	+6.8
Middle Atlantic----- (16 cities)	2,935	2,765	2,859	+2.7	41,677	40,713	+2.4
East North Central----- (18 cities)	2,185	2,258	2,272	-3.8	31,900	31,694	+0.6
West North Central----- (8 cities)	609	716	739	-17.6	9,806	9,998	-1.9
South Atlantic----- (9 cities)	727	783	789	-7.9	11,097	11,153	-0.5
East South Central----- (8 cities)	482	478	510	-5.5	6,832	6,808	+0.4
West South Central----- (13 cities)	805	844	709	+13.5	11,544	11,286	+2.3
Mountain----- (8 cities)	217	213	232	-6.5	3,515	3,301	+6.5
Pacific----- (12 cities)	1,192	1,259	1,259	-5.3	18,577	18,116	+2.5

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 9, 1955

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

CITY	14th week ended Apr. 9, 1955	13th week ended Apr. 2, 1955	CUMULATIVE NUMBER FOR FIRST 14 WEEKS		CITY	14th week ended Apr. 9, 1955	13th week ended Apr. 2, 1955	CUMULATIVE NUMBER FOR FIRST 14 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL--Con				
Boston-----	251	242	3,627	3,200	St. Louis-----	205	252	3,140	3,278
Bridgeport-----	35	46	548	516	St. Paul-----	52	63	935	923
Cambridge-----	23	33	410	415	Wichita-----	26	23	531	589
Fall River-----	25	25	431	413	SOUTH ATLANTIC				
Hartford-----	34	51	702	650	Atlanta-----	90	107	1,455	1,502
Lovell-----	20	27	338	424	Baltimore-----	219	240	3,283	3,256
Lynn-----	25	24	348	325	Charlotte-----	26	29	462	435
New Bedford-----	26	29	355	317	Jacksonville-----	(42)	(40)	(677)	(711)
New Haven-----	32	41	661	662	Miami-----	44	58	742	896
Providence-----	67	62	971	915	Norfolk-----	27	28	494	428
Somerville-----	15	12	242	215	Richmond-----	64	73	958	933
Springfield, Mass.-----	57	42	646	606	Savannah-----	(27)	(31)	(424)	(418)
Waterbury-----	18	27	372	364	Tampa-----	55	62	839	833
Worcester-----	47	65	788	754	Washington, D. C.-----	183	152	2,348	2,399
MIDDLE ATLANTIC					Wilmington, Del.-----	19	34	516	471
Albany-----	57	40	677	649	EAST SOUTH CENTRAL				
Allentown-----	---	(37)	---	(503)	Birmingham-----	73	66	1,152	1,157
Buffalo-----	160	63	1,973	2,073	Chattanooga-----	59	39	662	676
Camden-----	32	21	548	545	Knoxville-----	29	38	502	507
Elizabeth-----	31	24	419	413	Louisville-----	113	108	1,587	1,539
Erie-----	34	42	506	456	Memphis-----	95	117	1,395	1,318
Jersey City-----	55	66	1,048	1,036	Mobile-----	27	39	400	470
Newark, N. J.-----	87	109	1,534	1,452	Montgomery-----	21	26	392	397
New York City-----	1,683	1,625	23,387	22,750	Nashville-----	65	45	742	744
Paterson-----	39	31	568	567	WEST SOUTH CENTRAL				
Philadelphia-----	468	483	7,005	6,745	Austin-----	22	23	375	355
Pittsburgh-----	---	(150)	---	(2,407)	Baton Rouge-----	16	24	308	335
Reading-----	(19)	(22)	(321)	(321)	Corpus Christi-----	16	22	253	219
Rochester, N. Y.-----	95	90	1,371	1,357	Dallas-----	97	99	1,369	1,400
Schenectady-----	29	24	329	348	El Paso-----	44	29	407	374
Scranton-----	(32)	(30)	(492)	(484)	Fort Worth-----	71	49	792	763
Syracuse-----	69	51	796	803	Houston-----	131	147	1,849	1,863
Trenton-----	31	37	666	685	Little Rock-----	54	51	602	577
Utica-----	31	31	426	432	New Orleans-----	129	169	2,225	2,231
Yonkers-----	34	28	424	402	Oklahoma City-----	55	59	825	870
EAST NORTH CENTRAL					San Antonio-----	91	94	1,266	1,147
Akron-----	47	47	773	801	Shreveport-----	37	35	604	526
Canton-----	25	38	379	455	Tulsa-----	42	43	669	626
Chicago-----	713	724	10,320	10,372	MOUNTAIN				
Cincinnati-----	162	170	2,217	1,984	Albuquerque-----	17	17	372	389
Cleveland-----	186	214	2,878	2,946	Colorado Springs-----	13	14	190	165
Columbus-----	106	104	1,542	1,488	Denver-----	114	108	1,621	1,459
Dayton-----	66	54	931	938	Ogden-----	7	10	142	135
Detroit-----	318	341	4,664	4,547	Phoenix-----	20	14	353	335
Evansville-----	28	16	444	451	Pueblo-----	10	10	191	184
Flint-----	40	38	507	534	Salt Lake City-----	32	38	578	573
Fort Wayne-----	36	39	463	353	Tucson-----	4	2	68	61
Gary-----	(30)	(40)	(394)	(357)	PACIFIC				
Grand Rapids-----	45	49	580	590	Berkeley-----	18	21	244	265
Indianapolis-----	82	111	1,587	1,668	Long Beach-----	48	56	727	701
Milwaukee-----	124	113	1,700	1,780	Los Angeles-----	383	422	6,822	6,618
Peoria-----	32	35	410	449	Oakland-----	75	80	1,299	1,377
South Bend-----	30	22	354	314	Pasadena-----	31	26	491	463
Toledo-----	96	100	1,405	1,304	Portland, Oreg.-----	94	83	1,333	1,371
Youngstown-----	49	43	746	720	Sacramento-----	58	53	701	694
WEST NORTH CENTRAL					San Diego-----	75	90	1,132	985
Des Moines-----	43	49	679	663	San Francisco-----	194	198	2,795	2,719
Duluth-----	17	20	359	361	Seattle-----	130	145	1,878	1,751
Kansas City, Kans.-----	---	---	---	(447)	Spokane-----	43	46	611	656
Kansas City, Mo.-----	106	128	1,586	1,631	Tacoma-----	43	39	544	516
Minneapolis-----	90	110	1,653	1,673	Honolulu-----	(37)	(46)	(508)	(515)
Omaha-----	70	71	923	880					

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

EPIDEMIOLOGICAL REPORTS—Continued

B in 4 cases—1 occurring in January, 2 in February, and 1 in March. There was no widespread epidemic of respiratory infections but one private school in the St. Louis area was closed for a few days because a third of the student body was ill with what was considered to be a "virus" infection. It was not possible to secure diagnostic samples from any of these cases.

Dr. E. H. Lennette, California State Department of Public Health, reports the serologic identification of influenza B from 12 patients. Nine of the paired samples were from individuals living in Alaska who had onsets during the first week of March. The other 3 were from the San Francisco area and had onsets during the middle of March.

Trichiniasis

Dr. Wayne M. Moore, Public Health Veterinarian, Ohio Department of Health, reports an outbreak of trichiniasis among members of one family and close relatives. Ten persons became ill after sampling summer sausage during its preparation. All had clinical symptoms suggestive of trichiniasis. Blood counts on 2 revealed an eosinophilia of 55 and 66 percent, respectively. Slide agglutination tests were positive for 7 acute phase blood specimens out of the 10 submitted by the patients. Specimens of sausage and pork steak were found to be heavily infested with *Trichinella spiralis*. The meat was traced to a farm where all swine were grain fed, but there is a rat problem on this farm.

Gastro-enteritis

Dr. F. G. Gunlaugson, Minneapolis Division of Public Health, has reported 3 cases of gastro-enteritis among members of a private family. The patients became ill with nausea, vomiting, abdominal distress, and diarrhea from 3 to 4 hours after eating ham. Bacteriological examination of the meat revealed a gram positive coccus on direct smear and a heavy growth of coagulase positive staphylococci. The source of the infection was not found.

The New York Department of Health reports an outbreak of gastro-enteritis among 111 school students who ate in a restaurant. Of these, 70 became ill with occasional chills and fever, nausea, some vomiting, abdominal pain, and diarrhea from 9 to 17 hours later. Laboratory examinations of stool specimens of food handlers and of several patients were negative for pathogens. Only a few food items were available for bacteriological examination, and they also proved to be negative for pathogens.

The Los Angeles City Health Department reports an outbreak of gastro-enteritis among persons who ate in a restaurant. Five individuals became ill with headache, nausea, and abdominal pain from $\frac{1}{2}$ to $2\frac{1}{2}$ hours after eating an evening meal. Two of the patients had vomiting spells and diarrhea. The vehicle of infection was suspected to be tomato sauce which had been prepared the previous day. None of the sauce was available for laboratory examination and no stool specimens were collected.

Dr. P. F. Prather, Maryland Department of Health, reports an outbreak of gastro-enteritis among 140 persons in a school. Of these, 105 became ill with nausea, vomiting, cramps, and diarrhea from 3 to 10 hours following lunch. The menu consisted of apple salad, tomato soup, milk, and tuna salad sandwiches. The tuna salad had been made from tuna fish, celery, salad dressing and eggs. The eggs were left-over deviled eggs from lunch the previous day. An investigation revealed that 118 persons had eaten the sandwiches. Laboratory tests showed that the salad dressing, milk, and water were negative for pathogens. Specimens of the tuna salad yielded *Staphylococcus aureus* (coagulase positive).

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