

Morbidity and Mortality

Weekly Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

January 15, 1954

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Vol. 3, No. 1

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 9, 1954

EPIDEMIOLOGICAL REPORTS

Influenza

So far this season, there has been no evidence of sharp outbreaks or marked increases in respiratory disease in either the civilian population of the country or in military installations in continental United States that would suggest the occurrence of epidemic influenza. Likewise, no reports have been received from laboratories of the isolation of influenza virus from persons having respiratory disease during recent weeks.

Infectious hepatitis

Dr. W. L. Halverson, Director, California Department of Public Health, gives a preliminary report of an outbreak of infectious hepatitis in an industrial housing area. A rumor of 25 cases was investigated recently, and 30 cases were found

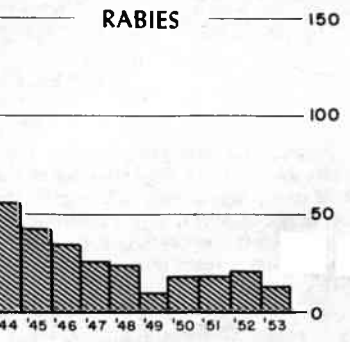
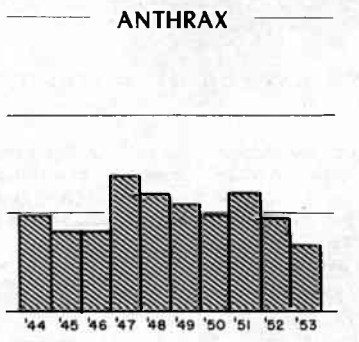
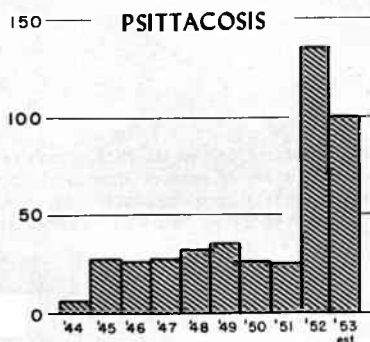
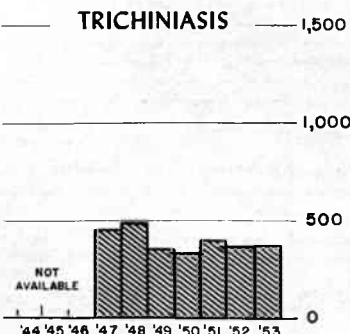
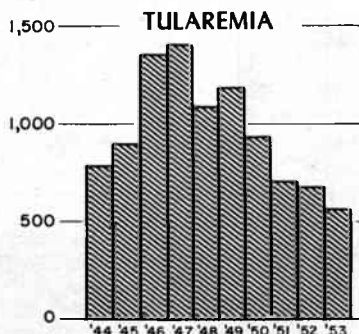
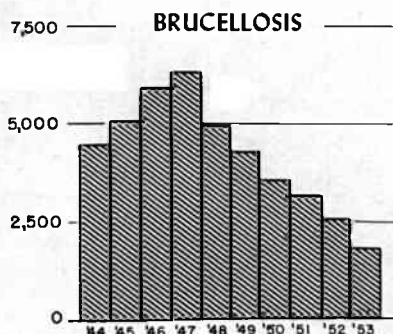
with onsets during the latter half of 1953. The investigation is not complete, but cases have been localized in one section of the housing area. Cross connections and back siphonage were found in the water supply system when need for water was increased for uses other than ordinary purposes.

Infectious encephalitis

A summary of findings of the 1953 experience with infectious encephalitis has been received from the California Department of Public Health. A total of 36 cases was laboratory confirmed as western equine (14) and St. Louis (22) types of infection from June through October. Sixty-four cases of mumps encephalitis were also confirmed by laboratory examination. In the same period of 1952, 374 cases of western equine, 45 of St. Louis, and 75 cases of mumps encephalitis were laboratory confirmed. Of the 14 western equine cases in 1953, 5 were under 1 year of age

Reported Cases of Certain Animal Diseases Transmitted to Man: United States, 1944-53

NUMBER OF CASES



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and one half of the total were under 5 years. None of the St. Louis infections were under 1 year, and about 23 percent were under 5. During the period from June through October, 375 pools of mosquitoes were examined for virus, of these 31 were positive for western equine and 47 for St. Louis type. Testing of 2 pools is incomplete, but 1 is probably western equine. Only 27 cases of encephalitis in horses were reported from June through October in contrast to 407 in 1952.

Rabies

Dr. G. E. McDaniel, South Carolina State Board of Health, reports that 2 children associated with rabies have died. In one instance, a boy was bitten severely on the face by a dog which was proved to be rabid by laboratory examination. Antirabies vaccination was begun on the same day, and the child was given 2 doses per day for 14 days and 1 dose per day for the next 7. On

the day of the last vaccination, the child was admitted to a hospital with possible rabies. He died 2 days later. The part of the brain sent to the State laboratory was not from the hippocampal region, and Negri bodies were not found. However, the brain was submitted to the CDC, Virus Laboratory in Montgomery, Alabama, where rabies virus was isolated. The other instance involved a girl who played with a dog that was killed the first week in December but was not examined for rabies. The child was not bitten, but antirabies treatment was recommended by her family physician. Treatment was begun on December 8 by the physician who gave her half doses daily for 8 days. On the ninth day, the child was admitted to a hospital where a diagnosis of rabies vaccination encephalitis was made. The child died on December 21, following a sudden respiratory distress. The family refused an autopsy.

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	1st WEEK			CUMULATIVE NUMBER SINCE SEASONAL LOW WEEK			Approximate seasonal low point
	January 9, 1954	January 10, 1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	-	(1)	(1)	(1)	(1)
Botulism-----049.1	21	-	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	24	16	---	(1)	(1)	(1)	(1)
Diphtheria-----055	64	59	121	1,429	1,730	3,147	July 1
Encephalitis, infectious-----082	7	14	13	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum---092,N998.5 pt.	903	570	---	(1)	(1)	(1)	(1)
Malaria-----110-117	4	21	---	(1)	(1)	(1)	(1)
Measles-----085	7,244	5,226	5,367	43,336	36,660	36,660	Sept. 1
Meningococcal infections-----057	113	132	96	1,435	1,407	1,175	Sept. 1
Poliomyelitis-----080	190	251	142	34,644	56,546	32,293	Apr. 1
Psittacosis-----096.2	-	2	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	-	-	-	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	3,252	3,748	1,895	37,886	40,336	19,349	Aug. 1
Smallpox-----084	-	-	1	(1)	(1)	(1)	(1)
Trichinosis-----128	1	-	---	(1)	(1)	(1)	(1)
Tularemia-----059	14	17	17	(1)	(1)	(1)	(1)
Typhoid fever-----040	21	31	30	2,035	2,043	2,151	Apr. 1
Typhus fever, endemic-----101	3	6	---	193	162	---	Apr. 1
Whooping cough-----056	879	681	1,331	10,636	8,538	15,595	Oct. 1
Rabies in animals-----	164	123	---	(1)	(1)	(1)	(1)

¹Not computed.

²Reported in Ohio.

³Deductions: North Carolina, weeks ended October 24 and August 1, 1953, 1 case each.

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 JANUARY 10, 1953, AND JANUARY 9, 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-----	24	16	64	59	7	14	903	570	2	12	2	9
NEW ENGLAND-----	-	1	-	1	-	1	58	70	-	-	-	-
Maine-----	-	-	-	-	-	1	13	41	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	3	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	1	-	1	-	-	39	28	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	3	1	-	-	-	-
MIDDLE ATLANTIC-----	1	2	3	9	-	6	184	55	-	9	1	4
New York-----	1	1	-	3	-	5	154	40	-	9	1	3
New Jersey-----	-	-	-	1	-	-	10	-	-	-	-	-
Pennsylvania-----	-	1	3	5	-	1	20	15	-	-	-	1
EAST NORTH CENTRAL-----	9	-	8	2	2	1	126	28	-	1	-	-
Ohio-----	2	-	2	1	1	-	15	11	-	-	-	-
Indiana-----	-	-	-	-	-	-	21	3	-	-	-	-
Illinois-----	4	-	1	-	1	1	54	4	-	-	-	-
Michigan-----	3	-	4	-	-	-	31	3	-	-	-	-
Wisconsin-----	-	-	1	1	-	-	5	7	-	1	-	-
WEST NORTH CENTRAL-----	8	3	3	-	3	1	130	133	-	1	-	-
Minnesota-----	1	-	1	-	-	-	33	22	-	-	-	-
Iowa-----	6	3	1	-	-	-	45	24	-	-	-	-
Missouri-----	1	-	-	-	-	-	24	17	-	1	-	-
North Dakota-----	-	-	-	-	1	1	4	14	-	-	-	-
South Dakota-----	-	-	-	-	-	-	16	-	-	-	-	-
Nebraska-----	-	-	1	-	-	-	8	53	-	-	-	-
Kansas-----	-	-	-	-	2	-	-	3	-	-	-	-
SOUTH ATLANTIC-----	-	2	28	15	-	1	168	119	-	-	-	3
Delaware-----	-	-	-	-	-	-	3	-	-	-	-	-
Maryland-----	-	1	-	-	-	1	20	3	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	2	-	-	-	-
Virginia-----	-	-	3	1	-	-	65	20	-	-	-	1
West Virginia-----	-	-	-	1	-	-	8	53	-	-	-	-
North Carolina-----	-	-	1	3	-	-	51	33	-	-	-	1
South Carolina-----	-	-	3	3	-	-	3	-	-	-	-	-
Georgia-----	-	1	7	2	-	-	2	6	-	-	-	1
Florida-----	-	-	14	5	-	-	15	2	-	-	-	-
EAST SOUTH CENTRAL-----	2	4	9	13	1	3	65	48	-	-	-	1
Kentucky-----	-	1	-	1	-	-	16	19	-	-	-	-
Tennessee-----	1	1	4	4	1	3	19	13	-	-	-	-
Alabama-----	1	-	3	4	-	-	4	8	-	-	-	1
Mississippi-----	-	2	2	4	-	-	26	8	-	-	-	-
WEST SOUTH CENTRAL-----	2	-	10	15	1	1	37	52	1	-	-	-
Arkansas-----	-	-	2	-	-	-	7	22	-	-	-	-
Louisiana-----	-	-	2	1	-	-	-	-	-	-	-	-
Oklahoma-----	-	-	1	2	-	1	1	3	-	-	-	-
Texas-----	2	-	5	12	1	-	29	27	1	-	-	-
MOUNTAIN-----	-	3	3	1	-	-	32	10	1	-	-	-
Montana-----	-	1	2	-	-	-	3	-	-	-	-	-
Idaho-----	-	-	-	1	-	-	11	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	3	3	-	-	-	-
Colorado-----	-	1	-	-	-	-	5	2	-	-	-	-
New Mexico-----	-	-	-	-	-	-	4	3	-	-	-	-
Arizona-----	-	1	1	-	-	-	6	1	-	-	-	-
Utah-----	-	-	-	-	-	-	-	1	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	1	-	3	-	-	103	55	-	1	1	1
Washington-----	-	1	-	-	-	-	9	5	-	-	-	-
Oregon-----	2	-	-	1	-	-	23	5	-	-	-	-
California-----	-	-	-	2	-	-	71	45	-	1	1	1
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	-	-	-	-	-
Puerto Rico-----	-	-	-	5	-	-	-	-	-	-	-	-

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 JANUARY 10, 1953, AND JANUARY 9, 1954—Continued

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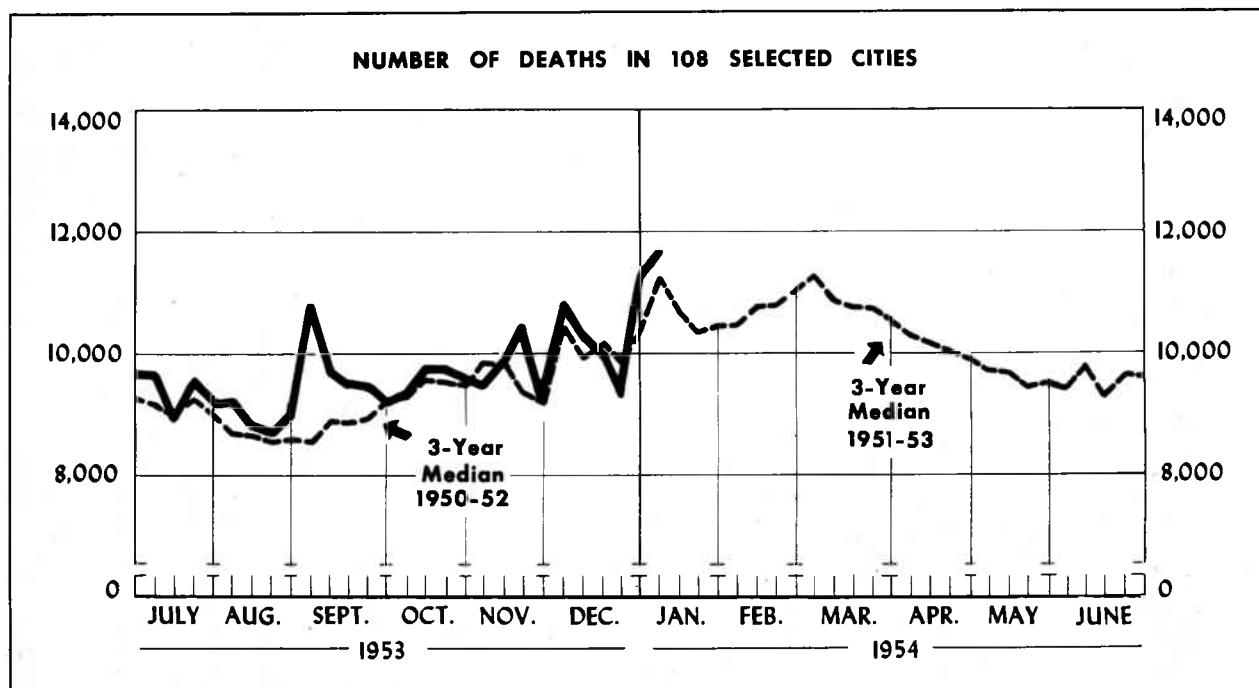
AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1954	1953	1954	1953	Total ²		Paralytic (080.0, 080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	7,244	5,226	113	132	190	251	70	---	39	---	-	-
NEW ENGLAND-----	184	74	4	5	4	3	1	---	1	---	-	-
Maine-----	130	7	-	-	-	1	-	---	-	---	-	-
New Hampshire-----	3	5	-	-	1	-	-	---	-	---	-	-
Vermont-----	2	13	-	-	-	-	-	---	-	---	-	-
Massachusetts-----	27	35	2	5	2	1	1	---	-	---	-	-
Rhode Island-----	1	-	2	-	-	-	-	---	-	---	-	-
Connecticut-----	21	14	-	-	1	1	-	---	1	---	-	-
MIDDLE ATLANTIC-----	1,281	410	21	20	17	23	8	---	-	---	-	-
New York-----	692	92	7	4	11	12	6	---	-	---	-	-
New Jersey-----	55	73	2	7	2	3	2	---	-	---	-	-
Pennsylvania-----	534	245	12	9	4	8	-	---	-	---	-	-
EAST NORTH CENTRAL-----	1,605	1,887	22	15	39	19	6	---	1	---	-	-
Ohio-----	204	130	14	2	30	1	2	---	-	---	-	-
Indiana-----	410	44	3	1	-	2	-	---	-	---	-	-
Illinois-----	413	287	1	7	-	3	-	---	-	---	-	-
Michigan-----	523	271	4	3	6	10	4	---	1	---	-	-
Wisconsin-----	55	1,155	-	2	3	3	-	---	-	---	-	-
WEST NORTH CENTRAL-----	188	845	8	13	9	22	1	---	1	---	-	-
Minnesota-----	15	160	4	3	3	1	-	---	-	---	-	-
Iowa-----	80	60	-	2	1	10	-	---	-	---	-	-
Missouri-----	2	381	-	3	-	-	-	---	-	---	-	-
North Dakota-----	41	45	1	2	1	2	-	---	-	---	-	-
South Dakota-----	34	33	1	1	2	9	-	---	1	---	-	-
Nebraska-----	7	3	1	-	-	-	-	---	-	---	-	-
Kansas-----	9	143	1	2	2	-	1	---	-	---	-	-
SOUTH ATLANTIC-----	925	198	20	21	19	18	6	---	3	---	-	-
Delaware-----	1	1	-	-	-	-	-	---	-	---	-	-
Maryland-----	174	13	-	2	-	-	-	---	-	---	-	-
District of Columbia-----	7	3	-	1	-	-	-	---	-	---	-	-
Virginia-----	108	29	3	3	-	1	-	---	-	---	-	-
West Virginia-----	167	47	1	3	-	3	-	---	-	---	-	-
North Carolina-----	120	64	9	7	3	2	1	---	1	---	-	-
South Carolina-----	94	18	2	1	2	1	-	---	1	---	-	-
Georgia-----	115	18	2	3	6	1	2	---	-	---	-	-
Florida-----	139	5	3	1	8	10	3	---	1	---	-	-
EAST SOUTH CENTRAL-----	668	277	12	17	9	7	3	---	2	---	-	-
Kentucky-----	334	34	4	4	3	1	1	---	2	---	-	-
Tennessee-----	208	167	3	7	2	3	2	---	-	---	-	-
Alabama-----	87	33	1	5	3	3	-	---	-	---	-	-
Mississippi-----	39	43	4	1	1	-	-	---	-	---	-	-
WEST SOUTH CENTRAL-----	662	586	10	17	20	17	10	---	4	---	-	-
Arkansas-----	52	119	2	3	4	-	3	---	-	---	-	-
Louisiana-----	26	4	1	2	-	5	-	---	-	---	-	-
Oklahoma-----	5	11	-	3	-	4	-	---	-	---	-	-
Texas-----	579	452	7	9	16	8	7	---	4	---	-	-
MOUNTAIN-----	800	274	3	3	13	34	3	---	2	---	-	-
Montana-----	224	33	-	-	5	2	3	---	2	---	-	-
Idaho-----	156	18	-	1	-	-	-	---	-	---	-	-
Wyoming-----	80	6	-	-	1	1	-	---	-	---	-	-
Colorado-----	20	22	-	2	-	1	-	---	-	---	-	-
New Mexico-----	37	26	1	-	1	-	-	---	-	---	-	-
Arizona-----	50	125	-	-	1	3	-	---	-	---	-	-
Utah-----	231	41	2	-	4	17	-	---	-	---	-	-
Nevada-----	2	3	-	-	1	10	-	---	-	---	-	-
PACIFIC-----	931	675	13	21	60	108	32	---	25	---	-	-
Washington-----	266	102	1	1	1	7	-	---	-	---	-	-
Oregon-----	44	192	1	-	3	1	3	---	-	---	-	-
California-----	621	381	11	20	56	100	29	---	25	---	-	-
Alaska-----	14	-	-	-	1	-	-	---	1	---	-	-
Hawaii-----	2	2	-	1	11	2	6	---	5	---	-	-
Puerto Rico-----	46	10	-	-	-	-	-	---	-	---	-	-

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

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 10, 1953, AND JANUARY 9, 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)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	3,252	3,748	1	14	17	21	31	3	879	681	164	123
NEW ENGLAND-----	221	276	-	-	-	-	-	-	137	69	-	-
Maine-----	27	34	-	-	-	-	-	-	8	16	-	-
New Hampshire-----	12	7	-	-	-	-	-	-	28	5	-	-
Vermont-----	5	6	-	-	-	-	-	-	32	3	-	-
Massachusetts-----	116	120	-	-	-	-	-	-	35	22	-	-
Rhode Island-----	4	22	-	-	-	-	-	-	16	3	-	-
Connecticut-----	57	87	-	-	-	-	-	-	18	20	-	-
MIDDLE ATLANTIC-----	306	711	1	-	-	3	11	-	245	202	8	12
New York-----	159	525	1	-	-	-	2	-	139	99	8	12
New Jersey-----	52	75	-	-	-	1	1	-	33	56	-	-
Pennsylvania-----	95	111	-	-	-	2	8	-	73	47	-	-
EAST NORTH CENTRAL-----	498	556	-	4	1	8	4	-	173	88	24	5
Ohio-----	101	143	-	-	-	5	1	-	33	8	-	1
Indiana-----	52	38	-	1	1	1	1	-	-	10	7	-
Illinois-----	139	124	-	2	-	1	-	-	27	8	16	1
Michigan-----	115	142	-	1	-	-	2	-	97	36	1	3
Wisconsin-----	91	89	-	-	-	1	-	-	16	26	-	-
WEST NORTH CENTRAL-----	113	203	-	1	4	2	1	-	15	12	19	12
Minnesota-----	45	35	-	-	1	-	-	-	5	-	2	2
Iowa-----	25	19	-	-	-	-	-	-	4	1	3	2
Missouri-----	9	68	-	1	-	2	1	-	2	8	13	6
North Dakota-----	7	23	-	-	-	-	-	-	-	-	-	1
South Dakota-----	5	14	-	-	-	-	-	-	-	-	-	-
Nebraska-----	6	6	-	-	1	-	-	-	-	3	1	1
Kansas-----	16	38	-	2	2	-	-	-	4	-	-	-
SOUTH ATLANTIC-----	399	346	-	5	5	2	3	3	73	24	25	31
Delaware-----	6	7	-	-	-	-	-	-	-	-	-	-
Maryland-----	24	34	-	2	1	-	-	-	18	1	-	-
District of Columbia-----	4	6	-	-	-	-	-	-	3	1	-	-
Virginia-----	174	185	-	1	4	-	2	-	23	1	4	11
West Virginia-----	104	17	-	-	-	-	-	-	19	15	10	4
North Carolina-----	39	62	-	1	-	-	-	-	4	2	5	5
South Carolina-----	2	2	-	1	-	1	-	-	-	-	5	2
Georgia-----	36	22	-	-	-	1	1	3	-	2	1	9
Florida-----	10	11	-	-	-	-	-	-	6	2	-	-
EAST SOUTH CENTRAL-----	151	107	-	3	-	3	1	-	37	33	45	25
Kentucky-----	80	17	-	2	-	1	1	-	32	16	15	2
Tennessee-----	43	64	-	1	-	1	-	-	4	11	14	6
Alabama-----	12	18	-	-	-	-	-	-	-	5	14	13
Mississippi-----	16	8	-	-	-	1	-	-	1	1	2	4
WEST SOUTH CENTRAL-----	1,026	907	-	1	5	2	10	-	111	155	37	38
Arkansas-----	47	56	-	1	3	-	-	-	1	17	6	4
Louisiana-----	3	2	-	-	-	1	2	-	3	1	-	-
Oklahoma-----	20	24	-	-	-	-	1	-	-	14	1	1
Texas-----	956	825	-	-	2	1	7	-	107	123	30	33
MOUNTAIN-----	214	373	-	-	1	1	1	-	27	39	3	-
Montana-----	15	19	-	-	-	-	-	-	4	-	-	-
Idaho-----	20	61	-	-	-	-	-	-	-	2	-	-
Wyoming-----	3	8	-	-	-	1	-	-	-	1	-	-
Colorado-----	12	20	-	-	-	-	-	-	1	-	-	-
New Mexico-----	5	11	-	-	1	-	-	-	9	6	2	-
Arizona-----	143	149	-	-	-	-	1	-	11	29	1	-
Utah-----	14	102	-	-	-	-	-	-	2	1	-	-
Nevada-----	2	3	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	324	289	-	-	1	-	-	-	61	59	3	-
Washington-----	54	99	-	-	-	-	-	-	16	-	-	-
Oregon-----	45	48	-	-	-	-	-	-	9	10	-	-
California-----	225	142	-	-	1	-	-	-	36	49	3	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	7	10	2	1



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	WEEK ENDED		1st week median 1951-53	Percent change, median to current week
	January 9, 1954	January 2, 1954		
TOTAL: 106 REPORTING CITIES-----	10,848	10,366	10,335	+5.0
New England----- (14 cities)	793	777	718	+10.4
Middle Atlantic----- (16 cities)	3,298	3,318	3,220	+2.4
East North Central----- (17 cities)	1,808	1,638	1,658	+9.0
West North Central----- (9 cities)	860	782	812	+5.9
South Atlantic----- (9 cities)	835	925	851	-1.9
East South Central----- (8 cities)	604	505	527	+14.6
West South Central----- (13 cities)	965	874	820	+17.7
Mountain----- (8 cities)	263	268	251	+4.8
Pacific----- (12 cities)	1,422	1,279	1,585	-10.3

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 9, 1954

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

CITY	WEEK ENDED		CITY	WEEK ENDED	
	January 9, 1954	January 2, 1954		January 9, 1954	January 2, 1954
NEW ENGLAND			WEST NORTH CENTRAL—Con.		
Boston-----	240	280	St. Louis-----	246	227
Bridgeport-----	40	40	St. Paul-----	88	64
Cambridge-----	34	26	Wichita-----	53	38
Fall River-----	33	29	SOUTH ATLANTIC		
Hartford-----	62	51	Atlanta-----	123	116
Lowell-----	35	30	Baltimore-----	245	214
Lynn-----	37	30	Charlotte-----	34	34
New Bedford-----	26	30	Jacksonville-----	(64)	---
New Haven-----	64	49	Miami-----	53	54
Providence-----	64	80	Norfolk-----	52	36
Somerville-----	11	15	Richmond-----	77	92
Springfield, Mass.-----	53	43	Savannah-----	---	---
Waterbury-----	35	20	Tampa-----	66	51
Worcester-----	59	54	Washington, D. C.-----	152	279
MIDDLE ATLANTIC			Wilmington, Del.-----	33	49
Albany-----	40	54	EAST SOUTH CENTRAL		
Allentown-----	(43)	---	Birmingham-----	96	87
Buffalo-----	177	132	Chattanooga-----	59	34
Camden-----	53	40	Knoxville-----	53	23
Elizabeth-----	32	20	Louisville-----	107	121
Erie-----	40	30	Memphis-----	127	120
Jersey City-----	---	(82)	Mobile-----	40	37
Newark, N. J.-----	145	115	Montgomery-----	36	32
New York City-----	1,904	1,810	Nashville-----	86	51
Paterson-----	53	46	WEST SOUTH CENTRAL		
Philadelphia-----	354	533	Austin-----	32	20
Pittsburgh-----	165	233	Baton Rouge-----	38	33
Reading-----	(26)	---	Corpus Christi-----	20	27
Rochester, N. Y.-----	115	124	Dallas-----	145	112
Schenectady-----	29	34	El Paso-----	34	36
Scranton-----	(39)	---	Fort Worth-----	76	66
Syracuse-----	76	47	Houston-----	193	99
Trenton-----	48	50	Little Rock-----	53	42
Utica-----	35	23	New Orleans-----	124	188
Yonkers-----	32	27	Oklahoma City-----	68	57
EAST NORTH CENTRAL			San Antonio-----	86	111
Akron-----	84	80	Shreveport-----	34	25
Canton-----	44	37	Tulsa-----	62	58
Chicago-----	---	(800)	MOUNTAIN		
Cincinnati-----	195	197	Albuquerque-----	33	29
Cleveland-----	253	197	Colorado Springs-----	12	18
Columbus-----	138	109	Denver-----	108	118
Dayton-----	66	80	Ogden-----	11	13
Detroit-----	370	330	Phoenix-----	33	16
Evansville-----	34	45	Pueblo-----	18	17
Flint-----	53	37	Salt Lake City-----	45	53
Fort Wayne-----	29	40	Tucson-----	3	4
Gary-----	(30)	---	PACIFIC		
Grand Rapids-----	43	28	Berkeley-----	15	19
Indianapolis-----	140	123	Long Beach-----	77	66
Milwaukee-----	112	129	Los Angeles-----	508	425
Peoria-----	35	36	Oakland-----	84	110
South Bend-----	28	16	Pasadena-----	35	46
Toledo-----	124	97	Portland, Oreg.-----	106	72
Youngstown-----	60	57	Sacramento-----	71	61
WEST NORTH CENTRAL			San Diego-----	92	65
Des Moines-----	60	51	San Francisco-----	220	204
Duluth-----	35	23	Seattle-----	123	110
Kansas City, Kans.-----	33	27	Spokane-----	51	53
Kansas City, Mo.-----	121	147	Tacoma-----	40	48
Minneapolis-----	143	133	Honolulu-----	(40)	(27)
Omaha-----	81	72			

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

Strongyloides infestation

Dr. L. M. Schuman, Illinois Department of Public Health, has made a preliminary report on a heavy infestation of strongyloides, primarily among inmates of a private mental institution in west central Illinois. The index case was in a 5-year-old white male who was admitted on August 9 from his residence in Indiana. Towards the end of August, the child developed what was diagnosed as an upper respiratory infection of virus origin. The child failed to improve satisfactorily, and after several weeks the parents took him home to Indiana. There, the child was hospitalized, and after the third week of hospital care, the larval form of *Strongyloides stercoralis* was observed in his stool. When this parasitic infestation was brought to the attention of the Illinois Department of Health by the institutional physician in October, an immediate survey of the 3 children's cottages with common playground facilities was made. These cottages, in one of which the index case had resided, housed extremely untidy, mentally retarded, and physically deformed children. Among 82 child inmates of these 3 cottages, a 38-percent infestation with strongyloides was noted on examination of initial stools. The children, as a group, were all found to be without evidence of acute illness, with the exception of one child who had symptoms which were similar to those of the index case. It is uncertain whether these symptoms were associated with the pulmonary phase of the organism.

It was stated that this parasite apparently had never before been observed in the State of Illinois. It was assumed that the parasite may have been introduced by a patient recently admitted from a subtropical State. Consequently, the roster of survey children was reviewed, and it was found that 2 child admissions from New Mexico 2 months prior to the admission of the index case were also heavily infested with strongyloides. The survey is being extended to other cottages of the institution which has a

total population of approximately 300. Although an occasional infested patient is being found, the intensity of the infestation does not compare with that observed in the 3 children's cottages.

In the preliminary studies that have been made, there is a marked relationship between positivity of the stools and the ambulatory status of the patient. None of the markedly deformed children, who are continuously confined to bed, were found to be infested. However, those children who either had access to the playground, with its drowth-ridden soil devoid of grass, or who played indoors, and were observed to eat sand and feces inside the playrooms, were most frequently infested. Oral gentian violet therapy, as recommended by Craig and Faust, is being found highly effective in freeing the inmates of the infestation. Each cottage has been placed under chemical quarantine, i. e., all inmates found infested as well as those found negative on 2 stool examinations, are receiving the therapy. The investigation of this infestation was, at the time of the report, still in progress.

Communicable diseases in other areas

Information has been received of the occurrence of smallpox in The Hague, Netherlands. Eight cases have been officially reported to the World Health Organization, but from other sources reports indicate 12 secondary cases followed occurrence in 9 members of a family of 10. Very soon after being vaccinated, the family left Brazil by ship on October 10 for Genoa. They traveled to The Hague via Zurich and Basel, Switzerland, and became ill about December 1. The family stayed in a hotel, and no one was seen by a physician when ill. The first secondary case was a maid in the hotel where the family was staying. Three other secondary cases were obvious contacts. Of the 12 secondary cases, 7 were never vaccinated. The disease is reported to be mild, and egg cultures of specimens submitted are reported to show "atypical smallpox."

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