

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

April 3, 1953

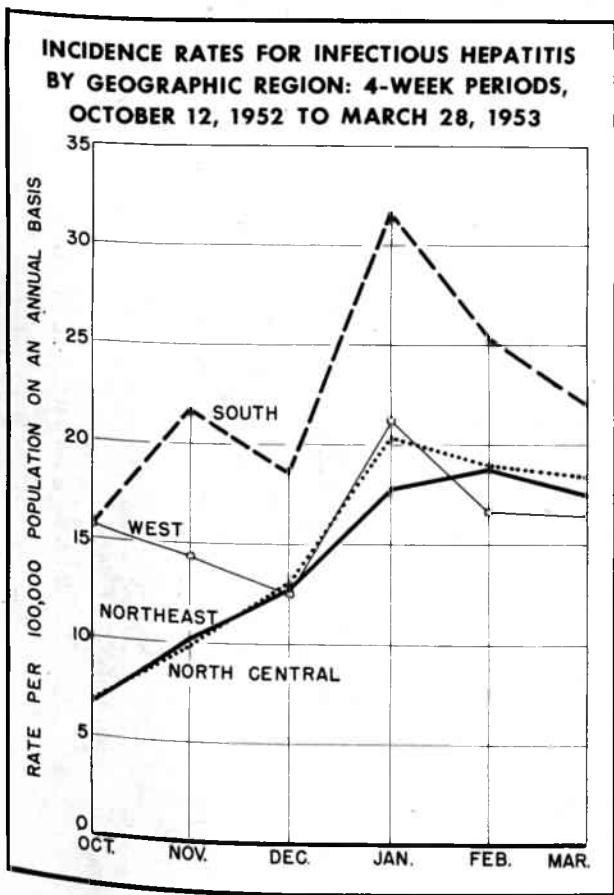
Washington 25, D. C.

Vol. 2, No. 12

Provisional Information on Selected Notifiable Diseases in the United States for Week Ended March 28 1953

Rates for infectious hepatitis per 100,000 estimated population on an annual basis for 4-week periods from October to March 1953, show that the incidence has been consistently higher in the South than in the other 3 regions—Northeastern, North Central, and West. The peak incidence for all regions was either in January or February. See accompanying chart.

tions, from 1,519 to 1,770; poliomyelitis, from 1,249 to 1,514; scarlet fever and streptococcal sore throat, from 37,283 to 50,582; trichiniasis, from 56 to 68; and endemic typhus fever, from 27 to 37. The other notifiable diseases showed little change in numbers reported when compared with last year's figures. However, there have been no cases of human rabies reported during the first quarter of 1953 as compared with 4 for the corresponding period of 1952. The above figures for the first quarter of 1953 exclude a delayed report from Texas.



For the first quarter of 1953 the following diseases showed a substantial decrease in numbers reported as compared with the same period of 1952: Brucellosis cases decreased from 415 to 321; diphtheria, from 837 to 552; infectious encephalitis, from 260 to 212; malaria, from 345 to 100; measles, from 263,447 to 112,808; tularemia, from 181 to 126; typhoid fever, from 374 to 279; and whooping cough, from 14,131 to 7,447. On the other hand, increased numbers of the following diseases were reported: Infectious hepatitis, from 5,782 to 7,521; meningococcal infec-

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports were received by the Influenza Information Center, N. I. H., and the National Office of Vital Statistics.

Dr. Harry M. Rose, Columbia University, reports serologic identification of influenza A-prime in 10 cases among patients and staff at the Columbia Presbyterian Medical Center, who had onsets of illness from January 5 to February 2. In one of these cases there was also an 8-fold rise in titer to influenza B (Lee).

Dr. E. H. Lennette, California State Department of Public Health Laboratory, reports serologic diagnoses of 11 cases of influenza A and A-prime and 2 presumptive serologic diagnoses in patients from various localities in California having onsets between February 8 and 25.

New York State Department of Health Laboratories report serologic diagnoses of influenza A-prime from 5 cases in different areas of New York having onsets between January 20 and February 9. A strain of influenza virus A was recovered from a patient at Poughkeepsie, collected on January 27 from an outbreak at Vassar College.

Information is now available from a 10-percent sample of deaths for the United States for the month of January 1953. Figures indicate a 5-fold increase in the death rate per 100,000 estimated population for influenza in January (17.1) as compared with December 1952 (3.4), and a rate approximately 4 times that for January 1952 (4.6). The death rate for pneumonia in January 1953 (48.4) was 50 percent higher than the rate for December 1952 (31.4), and 33 percent higher than that for January 1952 (36.6). Although these are figures obtained from a sample and subject to sampling errors, they suggest relatively higher rates of mortality than have been experienced in recent years.

According to the February Report on the Labor Force, Current Population Reports, Series P-57, No. 128, Bureau of the Census, 1,246,000 or about 2 percent of the total labor force in the United States were absent from work because of illness during the survey week of that month. This is the highest proportion of illness recorded in the labor force since January 1946, when it was 2.2 percent of the total. Information from other sources indicates that most of the illness was due to influenza and other upper respiratory diseases. Reports on the labor force and other available information show that the influenza epidemic reached its peak during February and was comparable with the epidemic which occurred during December 1945 and January 1946. Since the calendar week, which contains the 8th day of the month, is used as the survey week, the highest proportion of illnesses for the month may not be included in the survey. Influenza epidemics

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usually last 2 or 3 months, and this disease will usually be included in the surveys for 1 or 2 months. Information on illness in the labor force is not available prior to September 1945.

Plague in rats

Mr. Bertram Gross, Hawaii Department of Health, reports the finding of one plague-infected rat within the endemic area of the Hamakua District, on March 9, 1953. This is the first infected animal found during the current year. The rat (*R. norvegicus*), which was found dead in District 3A, Kapulena area, proved positive for *P. pestis* on laboratory examination.

Infectious hepatitis

Dr. C. W. Wells, New Hampshire Department of Health, reports that 23 cases of infectious hepatitis occurred in Dover, principally during the latter part of February. Ages of the patients varied from 5 to 47 years, but 40 percent were 15 years of age and under. There have been no deaths in this group.

Streptococcal sore throat

Dr. J. F. Rudmin, County Health Officer in New York State, reports an outbreak of streptococcal sore throat involving 49 girls at a college. While explosive, the disease could not be traced to any common source. The disease was probably spread by contact and the explosiveness was attributed to crowded living

quarters. Beta-hemolytic streptococci were isolated from the throats of 4 patients.

Typhoid fever

Dr. V. A. Getting, Massachusetts Department of Public Health, reports an outbreak of typhoid fever among girls in one social group of a high school. All who became ill had attended a party. Several suspected cases were reported and 8 were confirmed. A suspected carrier is under investigation.

Communicable diseases in other areas

Dr. A. S. Osborne, Science Attache, American Embassy, London, reports that 15 cases of smallpox had been diagnosed by March 25 in the Todmorden area of the West Riding of Yorkshire, England. All except one case belong to the Todmorden Municipal Borough, and the exception had no human link with the other 14. However, there was exposure to cotton waste from the mill where the first cases occurred. Two of the latest cases are physicians who attended the first cases previous to the diagnosis of smallpox. Two deaths have been reported in this group of cases.

The Ministry of Health of Nicaragua reports that liver specimen obtained from a person, who died March 13, was confirmed as positive for yellow fever by the laboratory in Panama. The patient died in the Siempre Vivas locality, Department of Zelaya.

Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	Mar. 28, 1953	Mar. 22, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	1	-	-	(2)	(2)	(2)	(2)	11	9	13
Botulism-----049.1	-	1	-	(2)	(2)	(2)	(2)	4	5	---
Brucellosis (undulant fever)-----044	24	48	---	(2)	(2)	(2)	(2)	321	415	---
Diphtheria-----055	39	64	114	July 1	³ 2,200	3,018	6,251	⁹ 552	837	1,900
Encephalitis, acute infectious--082	31	30	17	(2)	(2)	(2)	(2)	212	260	154
Hepatitis, infectious, and serum-----092,N998.5 pt.	569	365	---	(2)	(2)	(2)	(2)	7,521	5,782	---
Malaria-----110-117	8	25	---	(2)	(2)	(2)	(2)	100	345	---
Measles-----085	17,207	31,784	21,613	Sept. 1	⁴ 143,577	315,624	205,639	⁴ 112,803	263,447	175,422
Meningococcal infections-----057	132	171	100	Sept. 1	3,002	2,674	2,120	1,770	1,519	1,112
Polioomyelitis, acute-----080	72	74	50	Apr. 1	⁵ 57,760	28,621	28,621	⁵ 1,514	1,249	1,193
Rabies in man-----094	-	-	---	(2)	(2)	(2)	(2)	-	4	---
Rocky Mountain spotted fever---104A	1	-	---	(2)	(2)	(2)	(2)	5	9	9
Scarlet fever and streptococcal sore throat-----050,051	4,454	3,718	2,667	Aug. 1	⁶ 86,184	53,194	50,357	⁶ 50,582	37,283	28,705
Smallpox-----084	-	-	1	(2)	(2)	(2)	(2)	3	4	13
Trichiniasis-----128	20	7	---	(2)	(2)	(2)	(2)	68	56	---
Tularemia-----059	9	17	17	(2)	(2)	(2)	(2)	126	181	224
Typhoid fever-----040	32	24	31	Apr. 1	2,268	2,159	2,809	279	374	378
Typhus fever, endemic-----101	6	4	---	Apr. 1	187	---	---	37	27	---
Whooping cough-----056	665	977	1,292	Oct. 1	15,304	28,316	40,771	7,447	14,131	19,157
Rabies in animals-----	154	208	---	(2)	(2)	(2)	(2)	2,044	2,098	---

¹Reported in North Carolina.

²Not computed.

³Addition: Arkansas, week ended March 21, 1 case.

⁴Addition: Kansas, week ended March 21, 25 cases.

⁵Deduction: Mississippi, week ended January 24, 1 case.

⁶Addition: Vermont, week ended March 7, 1 case.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, [()]: data not included in total; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 28, 1953

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

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)	
	12th week		12th week		12th week		12th week		12th week		12th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	39	64	569	365	17,207	31,784	132	171	72	74	4,454	3,718
NEW ENGLAND-----	-	3	48	17	227	6,704	7	5	1	-	268	269
Maine-----	-	-	18	8	6	677	-	-	-	-	19	5
New Hampshire-----	-	-	-	-	-	72	1	-	-	-	9	21
Vermont-----	-	-	3	-	16	293	-	2	-	-	10	7
Massachusetts-----	-	3	13	7	112	3,157	3	2	-	-	111	137
Rhode Island-----	-	-	-	-	5	277	1	1	-	-	28	17
Connecticut-----	-	-	14	2	88	2,228	2	-	1	-	91	82
MIDDLE ATLANTIC-----	5	3	102	29	692	10,998	16	27	7	6	913	932
New York-----	-	-	62	22	223	4,730	5	16	5	5	584	610
New Jersey-----	1	1	-	-	-	4,372	4	1	-	-	119	150
Pennsylvania-----	4	2	40	7	469	1,796	7	10	2	1	210	172
EAST NORTH CENTRAL-----	8	9	64	24	5,016	5,253	31	28	4	2	792	920
Ohio-----	4	5	14	7	1,259	1,201	7	14	-	-	190	331
Indiana-----	1	2	27	-	215	444	10	1	1	-	92	58
Illinois-----	-	-	3	5	643	1,391	5	6	-	1	152	121
Michigan-----	3	2	13	6	737	1,006	4	2	3	-	197	283
Wisconsin-----	-	-	7	6	2,162	1,211	5	5	-	1	161	127
WEST NORTH CENTRAL-----	3	5	54	113	2,282	1,170	6	9	6	6	274	189
Minnesota-----	-	4	1	3	188	54	3	-	1	-	41	69
Iowa-----	-	-	37	47	618	146	-	3	1	3	72	36
Missouri-----	2	1	6	58	390	123	1	3	3	2	57	27
North Dakota-----	-	-	9	-	46	67	1	-	-	-	39	8
South Dakota-----	-	-	-	2	3	35	-	-	-	-	4	1
Nebraska-----	-	-	-	-	46	212	-	-	-	-	26	6
Kansas-----	1	-	1	3	991	533	1	3	1	1	35	42
SOUTH ATLANTIC-----	5	8	131	100	717	2,377	17	28	6	13	402	351
Delaware-----	-	-	-	-	10	24	-	-	-	-	7	2
Maryland-----	-	-	10	4	32	456	2	5	-	-	139	29
District of Columbia-----	-	1	-	-	10	68	-	-	-	1	7	11
Virginia-----	4	1	33	11	217	618	3	2	-	-	137	105
West Virginia-----	-	-	53	42	193	272	-	1	1	4	44	24
North Carolina-----	1	4	18	3	60	119	1	9	1	1	25	53
South Carolina-----	-	2	-	-	117	94	4	2	-	1	3	4
Georgia-----	-	-	12	34	58	447	3	4	2	1	19	114
Florida-----	-	-	5	6	20	279	4	5	2	5	21	9
EAST SOUTH CENTRAL-----	7	12	70	53	428	1,981	28	19	3	6	124	111
Kentucky-----	1	6	19	15	241	665	7	8	1	-	47	46
Tennessee-----	1	3	9	18	69	349	4	7	1	1	60	57
Alabama-----	2	1	22	20	84	919	11	3	-	3	5	5
Mississippi-----	3	2	20	-	34	48	6	1	1	2	12	3
WEST SOUTH CENTRAL-----	6	23	42	4	4,744	1,015	11	32	12	21	715	285
Arkansas-----	-	-	3	3	995	103	1	8	1	1	60	45
Louisiana-----	-	1	-	-	59	14	-	3	-	3	11	6
Oklahoma-----	3	1	3	1	121	70	-	4	4	-	41	23
Texas-----	3	21	36	-	3,569	828	10	17	7	17	603	211
MOUNTAIN-----	5	-	14	5	984	659	3	5	9	5	224	315
Montana-----	-	-	2	-	86	113	2	-	1	-	46	7
Idaho-----	3	-	1	-	33	62	1	-	-	-	67	19
Wyoming-----	-	-	-	1	6	15	-	1	-	-	7	97
Colorado-----	1	-	9	1	424	133	-	1	2	-	19	8
New Mexico-----	1	-	-	1	154	36	-	-	-	-	12	7
Arizona-----	-	-	2	1	138	82	-	3	3	1	14	107
Utah-----	-	-	-	1	137	195	-	-	-	4	58	68
Nevada-----	-	-	-	-	6	23	-	-	3	-	1	2
PACIFIC-----	-	1	44	20	2,117	1,727	13	18	24	15	742	346
Washington-----	-	-	4	4	294	202	2	2	1	1	187	65
Oregon-----	-	1	24	3	287	52	1	2	2	-	40	54
California-----	-	-	16	13	1,536	1,473	10	14	21	14	515	227
Alaska-----	(-)	(-)	(-)	(-)	(1)	(29)	(-)	(-)	(-)	(-)	(2)	(5)
Hawaii-----	(-)	(-)	(2)	(1)	(3)	(184)	(1)	(1)	(1)	(1)	(2)	(1)
Puerto Rico-----	(9)	(8)	(4)	(-)	(37)	(12)	(-)	(1)	(-)	(2)	(-)	(-)

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MARCH 28, 1953—Continued

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

AREA	TYPHOID FEVER (040)		WHOOPING COUGH (056)		Brucellosis (un- juliant fever) (044)	Encephalitis, acute infec- tious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichinosis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	12th week		12th week									
	1953	1952	1953	1952								
UNITED STATES-----	32	24	665	977	24	31	8	1	20	9	6	154
NEW ENGLAND-----	8	1	79	90	-	4	-	-	-	-	-	-
Maine-----	-	-	29	4	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	9	-	-	-	-	-	-	-	-
Vermont-----	-	1	7	5	-	-	-	-	-	-	-	-
Massachusetts-----	7	-	30	52	-	3	-	-	-	-	-	-
Rhode Island-----	-	-	-	6	-	-	-	-	-	-	-	-
Connecticut-----	1	-	13	14	-	1	-	-	-	-	-	-
MIDDLE ATLANTIC-----	2	3	151	118	1	17	-	-	8	-	-	4
New York-----	1	2	72	52	-	16	-	-	5	-	-	4
New Jersey-----	-	-	31	36	-	1	-	-	3	-	-	-
Pennsylvania-----	1	1	48	30	1	-	-	-	-	-	-	-
EAST NORTH CENTRAL-----	7	1	96	130	4	-	1	-	-	3	1	8
Ohio-----	6	1	29	40	-	-	-	-	-	-	1	3
Indiana-----	-	-	5	1	-	-	1	-	-	1	-	-
Illinois-----	1	-	9	12	3	-	-	-	-	1	-	3
Michigan-----	-	-	43	50	-	-	-	-	-	-	-	-
Wisconsin-----	-	-	11	27	1	-	-	-	-	1	-	2
WEST NORTH CENTRAL-----	1	-	15	21	11	2	-	-	9	-	-	13
Minnesota-----	-	-	5	3	2	-	-	-	9	-	-	4
Iowa-----	1	-	1	3	3	-	-	-	-	-	-	5
Missouri-----	-	-	5	9	4	-	-	-	-	-	-	4
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	-	1	2	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	-	-	4	5	1	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	3	11	24	122	-	2	2	-	-	3	1	26
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	3	1	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	1	1	-	1	-	-	-	-	-	-
Virginia-----	-	2	4	24	-	-	2	-	-	-	-	10
West Virginia-----	1	-	10	53	-	-	-	-	-	-	-	2
North Carolina-----	-	-	-	13	-	-	-	-	-	-	-	2
South Carolina-----	1	-	3	-	-	-	-	-	-	-	-	5
Georgia-----	-	6	-	28	-	-	-	-	-	3	1	7
Florida-----	1	3	3	2	-	1	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	4	3	60	70	1	1	1	-	-	-	1	49
Kentucky-----	1	1	49	18	-	-	-	-	-	-	-	9
Tennessee-----	1	-	9	18	1	1	-	-	-	-	-	10
Alabama-----	2	1	2	29	-	-	-	-	*	-	1	25
Mississippi-----	-	1	-	5	-	-	1	-	*	-	-	5
WEST SOUTH CENTRAL-----	3	3	124	261	4	4	3	-	-	1	3	49
Arkansas-----	2	2	14	8	1	-	-	-	-	1	-	8
Louisiana-----	-	-	1	3	-	-	-	-	-	-	-	-
Oklahoma-----	-	-	2	7	-	-	2	-	-	-	-	-
Texas-----	1	1	107	243	3	4	1	-	*	-	3	41
MOUNTAIN-----	1	2	31	63	1	-	-	1	-	2	-	2
Montana-----	-	-	-	1	-	-	-	1	-	-	-	-
Idaho-----	-	2	3	-	1	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	2	-	-
Colorado-----	-	-	9	5	-	-	-	-	-	-	-	-
New Mexico-----	1	-	8	5	-	-	-	-	-	-	-	2
Arizona-----	-	-	10	49	-	-	-	-	-	-	-	-
Utah-----	-	-	1	4	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	-	85	102	2	1	1	-	3	-	-	3
Washington-----	-	-	5	2	-	-	-	-	-	-	-	-
Oregon-----	-	-	15	4	-	1	-	-	1	-	-	3
California-----	3	-	65	96	2	-	1	-	2	-	-	3
Alaska-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(7)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(-)	(2)	(26)	(41)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(1)

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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
MARCH 28, 1953

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (082, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston				1	1				16					9	
Bridgeport					23				4						
Cambridge				1					2					4	
Fall River					2									4	
Hartford					1				20					3	
Lowell									1						
Lynn									3						
New Bedford					6				1						
New Haven				6	20	1			17						
Portland, Me.				4					3						
Providence									16						
Somerville									3						
Springfield, Mass.			2		2				4						
Waterbury					1	1	1		6						
Worcester				3	8				23						
MIDDLE ATLANTIC															
Albany				2					2						
Buffalo					11				13						
Camden					2										
Elizabeth					2				3						
Erie					45				3						
Jersey City									5						
Newark, N. J.					4				15					4	
New York City			15	10	104	3			77	5				25	
Paterson															
Philadelphia		1		12	14				29					9	
Pittsburgh					2				8					3	
Reading					13				1					2	
Rochester, N. Y.					10				30					3	
Schenectady					1		1		2					1	
Syracuse				1	1				30					3	
Trenton		1			6	1			1						
Utica															
Yonkers					6				1						
EAST NORTH CENTRAL															
Akron									1						
Canton					12										
Chicago					84	1			52			1		6	
Cincinnati				1	30	2			8						
Cleveland				1	12	2			26					6	
Columbus				1	158				10						
Dayton									1						
Detroit					68	2			77			1		3	
Evansville					3				16					2	
Flint					11		1		6						
Fort Wayne					6										
Grand Rapids					1				2					1	
Indianapolis					5	2			12					2	
Milwaukee					465		1		38	1				6	
Peoria					12				4						
South Bend															
Toledo				1	282				11						
Youngstown					26				1					1	
WEST NORTH CENTRAL															
Des Moines				7	26				9					1	
Duluth					18				1						
Kansas City, Kans.					15		1		3					1	
Kansas City, Mo.					87		1		5					6	
Minneapolis					117	1			16						
Omaha															
St. Louis				1	91	1			15					2	
St. Paul					26				3						
Wichita					104				4						

Weekly Morbidity Report

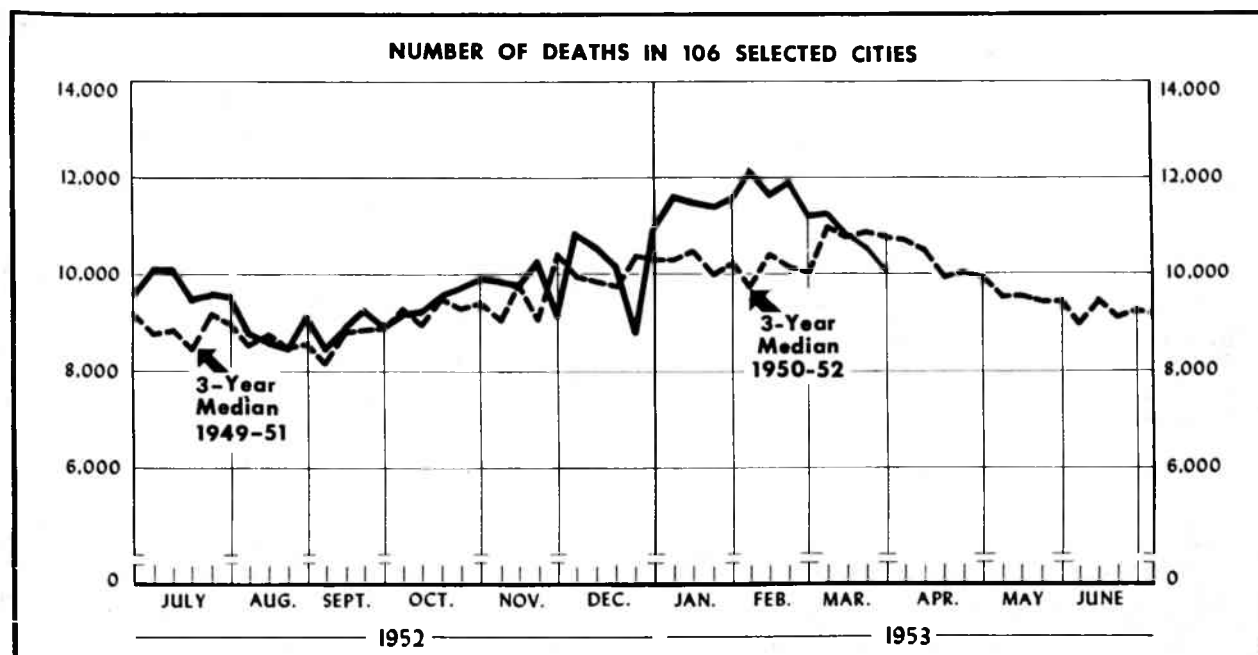
Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

MARCH 28, 1953—Continued

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Polio-myelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----				6	24	1			2						
Baltimore-----				1	8	1			80					2	
Charleston, S. C.-----					21										
Charleston, W. Va.-----								1							
Charlotte-----					26	1			1					1	
Miami-----						1			1						
Norfolk-----					15	1			2						
Richmond-----					1										
Savannah-----					12	1			1						
Tampa-----					3				4						
Washington, D. C.-----			1		10				7					1	
Wilmington, Del.-----															
EAST SOUTH CENTRAL															
Birmingham-----				4										1	8
Chattanooga-----									1						
Knoxville-----					3										
Louisville-----					8	1			11					4	
Memphis-----				4	22				3					1	1
Mobile-----				1					3						
Montgomery-----			2		2	1								1	
Nashville-----	1				1	1									
WEST SOUTH CENTRAL															
Dallas-----					63	3			1						9
El Paso-----					51				5					4	
Fort Worth-----															
Galveston-----					173										
Houston-----					7	1			3					1	
Little Rock-----					10				1						
New Orleans-----					10	1			12						
Oklahoma City-----					22				8						
San Antonio-----					12		1								
Shreveport-----						1			1						1
Tulsa-----					12				4					1	
MOUNTAIN															
Albuquerque-----					15				1						
Boise City-----				1	1				15						
Colorado Springs-----					35				2						
Denver-----		1		1	46				4					1	
Ogden-----					101				3						
Phoenix-----					17										
Pueblo-----					51		1		1						
Salt Lake City-----					34				19					1	
Tucson-----					3				4						
PACIFIC															
Long Beach-----					209		1		1						
Los Angeles-----				1	71	2	2		24					10	1
Oakland-----				1	75				6					4	
Portland, Oreg.-----			1	1	10		1				1				
Sacramento-----					23		1								
San Diego-----					25				7						6
San Francisco-----				1	30				14	1				3	
Seattle-----					61	1			36					3	
Spokane-----					1				46						
Tacoma-----					1				2						
Honolulu-----							2		1						

Provisional Statistics for Deaths in Selected Cities for
Week Ended March 28, 1953



The chart shows the number of deaths reported for 106 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 three 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 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

GEOGRAPHIC DIVISION	12th week ended Mar. 28, 1953	11th week ended Mar. 21, 1953	12th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 12 WEEKS		
					1953	1952	Percentage difference
TOTAL: 105 REPORTING CITIES-----	10,047	10,530	10,736	-6.4	135,502	126,112	+7.4
New England----- (14 cities)	674	729	732	-7.9	8,886	8,441	+5.3
Middle Atlantic----- (17 cities)	3,052	3,205	3,292	-7.3	39,968	38,032	+5.0
East North Central----- (18 cities)	2,119	2,262	2,403	-11.8	29,794	27,168	+9.7
West North Central----- (9 cities)	753	812	696	+8.2	10,455	9,130	+14.5
South Atlantic----- (9 cities)	747	845	883	-15.4	10,788	9,904	+8.9
East South Central----- (7 cities)	448	415	425	+5.4	5,983	5,304	+12.8
West South Central----- (12 cities)	710	699	734	-3.3	9,807	9,183	+6.8
Mountain----- (7 cities)	219	257	218	+0.5	3,305	2,818	+17.3
Pacific----- (12 cities)	1,325	1,306	1,329	-0.3	16,516	16,102	+2.6

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

MARCH 28, 1953

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

CITY	12th week ended Mar. 28, 1953	11th week ended Mar. 21, 1953	CUMULATIVE NUMBER FOR FIRST 12 WEEKS		CITY	12th week ended Mar. 28, 1953	11th week ended Mar. 21, 1953	CUMULATIVE NUMBER FOR FIRST 12 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	229	274	3,029	2,888	St. Paul-----	58	71	889	779
Bridgeport-----	36	31	417	443	Wichita-----	47	57	553	528
Cambridge-----	27	29	354	404	SOUTH ATLANTIC				
Fall River-----	20	36	373	343	Atlanta-----	104	121	1,390	1,221
Hartford-----	54	45	614	524	Baltimore-----	210	242	3,153	3,036
Lowell-----	26	23	344	304	Charlotte-----	32	29	374	350
Lynn-----	22	18	267	300	Miami-----	56	66	841	727
New Bedford-----	14	22	317	303	Norfolk-----	27	30	444	371
New Haven-----	41	39	592	543	Richmond-----	65	77	902	899
Providence-----	71	55	827	789	Tampa-----	57	44	796	763
Somerville-----	12	25	209	211	Washington, D. C.-----	166	211	2,476	2,145
Springfield, Mass.-----	39	36	464	459	Wilmington, Del.-----	30	25	412	392
Waterbury-----	30	34	353	294	EAST SOUTH CENTRAL				
Worcester-----	53	62	726	636	Birmingham-----	70	64	950	864
MIDDLE ATLANTIC					Chattanooga-----	64	47	595	596
Albany-----	40	55	587	505	Knoxville-----	40	25	448	416
Buffalo-----	148	151	1,790	1,722	Louisville-----	94	86	1,402	1,247
Camden-----	33	37	457	451	Memphis-----	114	101	1,449	1,138
Elizabeth-----	35	19	388	437	Mobile-----	29	29	415	397
Eric-----	30	30	440	388	Montgomery-----	(20)	(33)	(392)	(320)
Jersey City-----	66	50	899	928	Nashville-----	37	63	724	646
Newark, N. J.-----	90	131	1,420	1,393	WEST SOUTH CENTRAL				
New York City-----	1,625	1,643	21,251	19,963	Austin-----	(29)	---	---	(295)
Paterson-----	45	55	539	543	Baton Rouge-----	24	11	185	189
Philadelphia-----	474	532	6,259	6,089	Corpus Christi-----	12	23	231	220
Pittsburgh-----	192	202	2,276	2,137	Dallas-----	87	92	1,238	1,111
Rochester, N. Y.-----	88	113	1,308	1,269	El Paso-----	28	28	390	349
Schenectady-----	23	20	298	295	Fort Worth-----	64	58	775	645
Syracuse-----	49	54	699	644	Houston-----	129	116	1,606	1,507
Trenton-----	53	46	632	580	Little Rock-----	31	48	541	611
Utica-----	41	44	398	368	New Orleans-----	141	145	2,064	1,907
Yonkers-----	20	23	327	350	Oklahoma City-----	49	41	713	678
EAST NORTH CENTRAL					San Antonio-----	69	78	1,082	970
Akron-----	57	53	784	685	Shreveport-----	29	31	536	491
Canton-----	31	38	379	397	Tulsa-----	47	28	446	505
Chicago-----	660	733	9,935	8,800	MOUNTAIN				
Cincinnati-----	185	166	2,014	1,806	Albuquerque-----	33	25	370	305
Cleveland-----	189	197	2,723	2,589	Colorado Springs-----	14	13	174	149
Columbus-----	90	90	1,406	1,279	Denver-----	98	98	1,504	1,325
Dayton-----	59	59	779	755	Ogden-----	7	15	154	144
Detroit-----	290	332	4,179	3,813	Phoenix-----	17	34	313	275
Evansville-----	32	37	445	412	Pueblo-----	12	11	182	129
Flint-----	31	38	459	435	Salt Lake City-----	38	61	608	491
Fort Wayne-----	26	35	412	365	Tucson-----	(4)	(7)	(73)	(74)
Grand Rapids-----	30	40	517	484	PACIFIC				
Indianapolis-----	114	113	1,502	1,424	Berkeley-----	13	14	220	241
Milwaukee-----	124	136	1,677	1,495	Long Beach-----	58	37	618	607
Peoria-----	27	20	378	405	Los Angeles-----	438	481	5,970	5,951
South Bend-----	27	28	295	295	Oakland-----	110	95	1,295	1,311
Toledo-----	93	117	1,188	1,150	Pasadena-----	43	36	469	425
Youngstown-----	54	50	722	589	Portland, Oreg.-----	126	125	1,316	1,295
WEST NORTH CENTRAL					Sacramento-----	53	45	638	590
Des Moines-----	46	42	641	649	San Diego-----	73	76	944	940
Duluth-----	33	14	351	290	San Francisco-----	212	207	2,627	2,426
Kansas City, Kans.-----	49	26	434	441	Seattle-----	111	120	1,441	1,410
Kansas City, Mo.-----	100	126	1,713	1,448	Spokane-----	46	40	542	465
Minneapolis-----	109	117	1,666	1,405	Tacoma-----	42	30	436	441
Omaha-----	65	55	862	789	Honolulu-----	(38)	(25)	(399)	(402)
St. Louis-----	246	304	3,346	2,821					

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.