

# Morbidity and Mortality

Weekly  
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Information on Selected Notifiable Diseases in the United States for Week Ended March 21, 1953

For the current week States reporting more than 1,000 cases of measles were: Wisconsin, 1,896; California, 1,396; and Ohio, 1,183. The report was not received from Texas where 2,786 cases were reported for the week ended March 14. Since the first of this year about half of the total cases have been reported in the East North Central and West South Central Divisions. However, during the last few weeks almost two-thirds were reported in these divisions.

The 8 cases of trichiniasis reported this week were in New York City.

For the current week a total of 61 cases of poliomyelitis was reported as compared with 70 for the corresponding week of last year. States which reported the disease by type, paralytic and nonparalytic, and those not specified were as follows:

State	Paralytic	Nonparalytic	Not specified
Arkansas-----	1	1	-
California-----	9	11	3
Florida-----	1	-	-
Kentucky-----	1	-	-
Louisiana-----	4	-	-
Michigan-----	1	-	-
Montana-----	-	1	-
North Carolina--	1	-	-
Virginia-----	1	-	-

### EPIDEMIOLOGICAL REPORTS

#### Smallpox

Dr. M. H. Mires, Vermont Department of Health, states that the case of smallpox reported for the week ended March 7 is erroneous, and was due to a typographical error.

Dr. F. T. Foard, North Carolina Board of Health, reports that the onset of the smallpox case reported previously was on February 28, but the State Board of Health was not notified until March 4. Medical personnel from Fort Bragg and Pope Air Base concurred with local health officers in the diagnosis. The patient was an adult male who had not been vaccinated since he was 6 years of age. He had not been away from his home in the southern part of the State. No source of infection could be found, and no secondary cases have been reported. Approximately 1,000 persons have been vaccinated in the area.

#### Diphtheria

Mr. W. W. Benson, Idaho Department of Public Health, has given information on the outbreak of 46 cases of diphtheria in Twin Falls County during a 3-week period, February 15 to March 7. In addition to these cases, 16 carriers were found who had contact with these cases. All, except 1 case, were traced to a girl who developed the disease December 30, 1952. This girl had attended a wedding in Wyoming and was in direct contact with a child who had membranous croup and had a tracheotomy performed. Fifty-four percent of the cases were in children under 15 years of age. A full scale immunization program has been carried out and no new cases have been reported since the first week of March. However, during the following

week, 5 cases were reported in the southeastern part of the State. All were traceable to the Twin Falls area.

#### Anthrax in animals

According to the February report from the Department of Agriculture no anthrax outbreaks occurred in 32 States and the District of Columbia. The report gives information on 22 outbreaks in 14 States and Puerto Rico. As a result of these outbreaks, 29 cattle and 16 swine were lost. The source of infection for 12 outbreaks was unknown, the remaining 10 were traced to infected soil. A supplemental report for January shows 4 outbreaks in 2 States. Ten hogs were lost in 1 outbreak and the losses were not given for the others.

#### Infectious hepatitis

Dr. S. Finkelstein, Bureau of Indian Affairs Hospital, Cass Lake, Minnesota, gives additional information on the hepatitis being reported in the reservation. Preliminary information appeared in this report for the week ended February 21. Since that time 11 additional cases have been reported. Most of the 21 cases for January and February were observed in the outpatient clinics, only 3 were admitted as inpatients. Fifteen or two-thirds of the total were in persons under 16 years of age. The patients were scattered throughout the reservation and each had a private water well, so water seems unlikely to be the vehicle of infection.

#### Shigellosis

Dr. Morris Greenberg, New York City Department of Health, reports an outbreak of shigellosis among a group of children in an institution which housed 76 children and 65 adults. A total of 27 cases has occurred since the 10th of March, 17 of which were among children 2 to 3 years of age. The symptoms were acute diarrhea with blood-streaked stools and mucus, fever, and some prostration. Preliminary samplings have thus far yielded *Shigella sonnei* from stools of the patients. The institution has been closed to new members. The suspected source of infection is a nursery maid who was ill with diarrhea just prior to the onset of the outbreak. This maid fed the 2-year olds. Her 2 children at home were also ill with diarrhea. Stool specimens are being obtained for verification.

#### Gastro-enteritis

Dr. Morris Greenberg reports an outbreak of 16 cases of gastro-enteritis in a private home in New York City. Roast beef was suspected to be the vehicle of infection. The beef was purchased February 26 and refrigerated until the following day, when it was roasted. During the cooling period of 4 1/2 hours, slices of the meat were removed for 2 persons for their evening meal. They became ill 5 and 13 hours later. A few days later 14 persons became ill from 4 to 20 hours after eating portions of this beef. Samples of the roast beef showed a large number of coliform organisms but no staphylococci or enterococci. Stool cultures were negative.

#### Influenza

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

Dr. E. H. Lennette, California Department of Public Health Laboratory, has reported serologic diagnoses of influenza A and A-prime in 15 individuals from scattered areas in California, having onsets from January 6 to February 24.

Dr. L. P. Kravis, Childrens Hospital, Philadelphia, reports the isolation and identification of influenza A-prime from 5 patients in the Philadelphia area, having onsets in the early part of February. Serologic diagnoses for influenza A were also reported for 39 cases in Pennsylvania, 11 in Wilmington, Delaware, 10 in New Jersey, and 3 in Tennessee.

#### Communicable diseases in other areas

Dr. A. S. Osborne, Science Attache, Science Office, Embassy, London, states that smallpox has been reported from Todmorden in the West Riding of Yorkshire, and in the neighboring town of Bacup, Lancashire. The original case seems to have been in a cotton mill worker who became ill on February 28. He developed a rash on March 4 which was thought at first to be chickenpox. He and his wife were admitted to a hospital on March 15. Another patient was admitted to the hospital on March 12 with a diagnosis

of scarlet fever. Petechiae appeared after admission and he died the following day. The fourth person became ill on March 3 and developed a rash on March 7. Since the original 4 cases, the disease has been confirmed in the daughter of the cotton mill worker. Four suspected cases were admitted to the hospital on March 19, and all were members of the immediate families of the original cases.

The Ministry of Health considers that the disease will be contained in the present locality, and since a very strict surveillance procedure has been instituted the outbreak should be well under control. One unvaccinated contact is in Northern Ireland, and efforts are being made to locate her. It is thought that the infection was introduced in a consignment of raw cotton, but since the mill involved uses mixed cotton of the poorer grades, the country of origin may be either India, Egypt, or South America. Efforts are being made to determine the country of origin but success appears doubtful. This is the tenth episode reported since 1908 in which the disease was presumably carried by raw cotton. The mill involved has been closed voluntarily because 50 workers who were close contacts are under house surveillance.

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. 21, 1953	Mar. 15, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	13	1	1	(2)	(2)	(2)	(2)	10	9	11
Botulism-----049.1	-	-	---	(2)	(2)	(2)	(2)	4	4	---
Brucellosis (undulant fever)----044	28	32	---	(2)	(2)	(2)	(2)	297	367	---
Diphtheria-----055	25	36	137	July 1	2,160	2,954	6,137	512	773	1,786
Encephalitis, acute infectious---082	11	28	17	(2)	(2)	(2)	(2)	181	230	137
Hepatitis, infectious, and serum-----092,N998.5 pt.	609	432	---	(2)	(2)	(2)	(2)	36,952	5,417	---
Malaria-----110-117	3	24	---	(2)	(2)	(2)	(2)	92	320	---
Measles-----085	12,371	28,843	22,266	Sept. 1	126,345	283,840	184,026	95,571	231,663	153,809
Meningococcal infections-----057	147	157	94	Sept. 1	2,870	2,503	2,004	1,638	1,348	996
Poliomyelitis, acute-----080	61	70	61	Apr. 1	57,689	28,547	28,547	1,443	1,175	1,131
Rabies in man-----094	-	1	---	(2)	(2)	(2)	(2)	-	4	---
Rocky Mountain spotted fever---104A	-	1	-	(2)	(2)	(2)	(2)	4	9	9
Scarlet fever and streptococcal sore throat-----050,051	3,904	4,212	2,736	Aug. 1	81,729	49,476	47,690	46,127	33,565	26,038
Smallpox-----084	-	-	-	(2)	(2)	(2)	(2)	43	4	12
Trichiniasis-----128	8	10	---	(2)	(2)	(2)	(2)	48	49	---
Tularemia-----059	7	9	15	(2)	(2)	(2)	(2)	117	164	208
Typhoid fever-----040	22	28	28	Apr. 1	2,236	2,135	2,774	247	350	350
Typhus fever, endemic-----101	-	4	---	Apr. 1	181	---	---	31	23	---
Whooping cough-----056	515	1,059	1,444	Oct. 1	14,639	27,339	39,479	6,782	13,154	17,865
Rabies in animals-----	182	172	---	(2)	(2)	(2)	(2)	51,890	1,890	---

<sup>1</sup>Reported in Pennsylvania.

<sup>2</sup>Not computed.

<sup>3</sup>Addition: Alabama, week ended March 7, 17 cases.

<sup>4</sup>Deduction: Vermont, week ended March 7, 1 case.

<sup>5</sup>Additions: Indiana—January 10-February 21, 22 cases; week ended February 28, 1 case; week ended March 7, 8 cases; week ended March 14, 4 cases.

NOTE.—No report for the current week has been received from Texas.

#### 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.

# Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 21, 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 SCORE THROAT (050, 051)	
	11th week		11th week		11th week		11th week		11th week		11th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	25	36	609	432	12,371	28,843	147	157	61	70	3,904	4,212
NEW ENGLAND-----	-	4	55	9	173	5,906	5	3	2	1	400	230
Maine-----	-	-	15	1	22	739	1	-	-	-	51	8
New Hampshire-----	-	-	-	-	2	156	-	-	-	-	11	15
Vermont-----	-	-	-	-	9	308	1	-	-	-	11	8
Massachusetts-----	-	-	24	6	69	2,594	-	2	2	1	147	107
Rhode Island-----	-	-	-	-	6	544	1	-	-	-	22	18
Connecticut-----	-	4	16	2	65	1,765	2	1	-	-	156	74
MIDDLE ATLANTIC-----	1	3	110	39	728	10,673	26	27	1	3	838	971
New York-----	-	-	102	30	164	4,627	17	17	-	1	496	622
New Jersey-----	-	-	-	-	92	3,757	1	2	-	2	135	161
Pennsylvania-----	1	3	8	9	472	2,289	8	8	1	-	207	188
EAST NORTH CENTRAL-----	-	5	112	43	4,755	4,910	28	24	9	5	881	1,169
Ohio-----	-	3	31	8	1,183	853	15	4	1	2	233	431
Indiana-----	-	1	38	9	581	319	4	1	4	-	82	61
Illinois-----	-	-	6	11	477	1,559	7	10	2	1	194	136
Michigan-----	-	1	23	13	618	1,058	2	3	1	-	201	389
Wisconsin-----	-	-	14	2	1,896	1,121	-	6	1	2	171	152
WEST NORTH CENTRAL-----	3	3	72	44	1,464	1,171	10	11	7	2	244	173
Minnesota-----	-	3	19	5	241	58	3	2	1	-	68	65
Iowa-----	1	-	37	28	576	184	2	1	1	-	74	-
Missouri-----	-	-	5	8	118	112	2	4	-	1	16	23
North Dakota-----	-	-	1	1	33	98	-	3	-	-	27	51
South Dakota-----	-	-	-	-	11	52	-	-	3	-	7	4
Nebraska-----	2	-	9	-	30	159	1	-	-	1	21	-
Kansas-----	-	-	1	2	455	508	2	1	2	-	31	30
SOUTH ATLANTIC-----	10	4	91	99	1,019	2,208	34	34	4	6	381	286
Delaware-----	-	-	-	-	17	10	-	1	-	-	7	7
Maryland-----	-	-	8	5	36	430	2	3	-	-	131	52
District of Columbia-----	-	-	-	-	15	121	2	1	-	-	10	15
Virginia-----	2	1	33	17	106	508	9	9	1	1	109	49
West Virginia-----	-	1	25	-	468	141	2	1	-	1	26	23
North Carolina-----	2	2	17	5	219	130	7	10	1	2	47	116
South Carolina-----	4	-	2	-	75	107	2	2	1	-	9	-
Georgia-----	1	-	3	64	66	543	8	5	-	1	23	9
Florida-----	1	-	3	8	17	218	2	2	1	1	19	15
EAST SOUTH CENTRAL-----	6	7	49	142	453	1,606	12	23	3	5	99	104
Kentucky-----	1	-	9	111	179	454	6	7	1	1	34	37
Tennessee-----	2	-	14	22	107	362	3	8	1	2	58	57
Alabama-----	1	3	14	9	109	703	2	6	-	1	7	10
Mississippi-----	2	4	12	-	58	87	1	2	1	1	-	-
WEST SOUTH CENTRAL-----	1	6	4	3	936	555	13	21	6	20	78	339
Arkansas-----	-	-	3	1	804	83	2	2	2	-	35	87
Louisiana-----	-	-	-	-	51	24	10	5	4	6	9	6
Oklahoma-----	1	3	1	1	81	52	1	2	-	-	34	24
Texas-----	-	3	-	1	---	396	---	12	---	14	---	222
MOUNTAIN-----	4	1	6	20	953	608	2	5	5	5	371	475
Montana-----	-	-	-	-	68	66	-	1	1	-	44	7
Idaho-----	2	-	-	-	67	3	-	-	-	1	77	-
Wyoming-----	-	-	2	-	7	14	-	-	-	-	109	149
Colorado-----	-	-	4	2	335	202	1	4	1	3	40	23
New Mexico-----	-	-	-	7	188	39	1	-	-	1	15	5
Arizona-----	-	1	-	5	60	85	-	-	1	-	18	184
Utah-----	-	-	-	6	227	183	-	-	1	-	68	106
Nevada-----	2	-	-	-	1	16	-	-	1	-	-	1
PACIFIC-----	-	3	110	33	1,890	1,206	17	9	24	23	612	465
Washington-----	-	2	22	14	331	148	1	-	1	2	207	61
Oregon-----	-	-	49	7	160	53	1	-	-	3	67	106
California-----	-	1	39	12	1,399	1,005	15	9	23	18	338	298
Alaska-----	(-)	(-)	(-)	(-)	(-)	(8)	(-)	(-)	(-)	(-)	(9)	(-)
Hawaii-----	(-)	(-)	(1)	(5)	(1)	(213)	(-)	(2)	(1)	(2)	(4)	(-)
Puerto Rico-----	(6)	(7)	(1)	(1)	(49)	(32)	(2)	(4)	(-)	(-)	(-)	(-)

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 21, 1953—Continued  
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	TYPHOID FEVER (040)		WHOPPING COUGH (056)		Brucellosis (un- dulant fever) (044)	Encephalitis, acute infec- tious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	11th week		11th week									
	1953	1952	1953	1952								
UNITED STATES-----	22	28	515	1,059	28	11	3	-	8	7	-	182
NEW ENGLAND-----	1	2	104	77	3	1	-	-	-	-	-	-
Maine-----	-	-	26	1	1	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	16	-	-	-	-	-	-	-	-
Vermont-----	-	2	11	3	2	-	-	-	-	-	-	-
Massachusetts-----	1	-	36	48	-	1	-	-	-	-	-	-
Rhode Island-----	-	-	5	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	26	9	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	4	4	148	128	5	7	-	-	8	1	-	4
New York-----	2	2	75	56	3	7	-	-	8	1	-	3
New Jersey-----	-	-	19	39	-	-	-	-	-	-	-	-
Pennsylvania-----	2	2	54	33	2	-	-	-	-	-	-	1
EAST NORTH CENTRAL-----	2	2	51	202	2	3	1	-	-	2	-	10
Ohio-----	-	-	9	27	-	-	-	-	-	-	-	5
Indiana-----	1	-	11	-	-	-	-	-	-	-	-	-
Illinois-----	-	-	4	10	2	-	1	-	-	-	-	4
Michigan-----	-	2	8	31	-	3	-	-	-	2	-	-
Wisconsin-----	1	-	19	134	-	-	-	-	-	-	-	1
WEST NORTH CENTRAL-----	-	-	7	24	8	-	-	-	-	-	-	13
Minnesota-----	-	-	1	2	4	-	-	-	-	-	-	-
Iowa-----	-	-	1	1	2	-	-	-	-	-	-	6
Missouri-----	-	-	5	9	-	-	-	-	-	-	-	6
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	1
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	-
Kansas-----	-	-	-	12	2	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	1	3	32	113	2	-	-	-	-	2	-	47
Delaware-----	-	-	-	1	-	-	-	-	-	-	-	-
Maryland-----	-	-	8	-	-	-	-	-	-	-	-	6
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	1	-	3	25	-	-	-	-	-	1	-	16
West Virginia-----	-	1	8	53	1	-	-	-	-	-	-	1
North Carolina-----	-	-	-	8	-	-	-	-	-	-	-	2
South Carolina-----	-	-	2	-	-	-	-	-	-	-	-	7
Georgia-----	-	2	2	16	1	-	-	-	-	1	-	15
Florida-----	-	-	9	10	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	7	-	45	48	1	-	-	-	-	-	-	68
Kentucky-----	1	-	11	13	-	-	-	-	-	-	-	10
Tennessee-----	1	-	10	15	-	-	-	-	-	-	-	16
Alabama-----	4	-	13	17	1	-	-	-	*	-	-	31
Mississippi-----	1	-	11	3	-	-	-	-	*	-	-	11
WEST SOUTH CENTRAL-----	1	2	29	281	2	-	-	-	-	1	-	27
Arkansas-----	-	-	17	11	1	-	-	-	-	1	-	5
Louisiana-----	-	-	7	1	-	-	-	-	-	-	-	121
Oklahoma-----	1	1	5	7	1	-	-	-	-	-	-	1
Texas-----	-	1	-	262	-	-	-	-	*	-	-	-
MOUNTAIN-----	3	14	20	79	2	-	-	-	-	1	-	6
Montana-----	-	-	-	7	-	-	-	-	-	-	-	-
Idaho-----	-	3	1	1	1	-	-	-	-	1	-	-
Wyoming-----	-	-	5	2	-	-	-	-	-	-	-	-
Colorado-----	-	10	-	10	1	-	-	-	-	-	-	-
New Mexico-----	3	1	11	3	-	-	-	-	-	-	-	5
Arizona-----	-	-	2	56	-	-	-	-	-	-	-	1
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	1	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	1	79	107	3	-	2	-	-	-	-	7
Washington-----	-	-	5	2	-	-	2	-	-	-	-	-
Oregon-----	-	-	18	5	-	-	-	-	-	-	-	-
California-----	3	1	56	100	3	-	-	-	-	-	-	7
Alaska-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(1)	(-)	(14)	(66)	(1)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

<sup>1</sup>Report for January.

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

MARCH 21, 1953

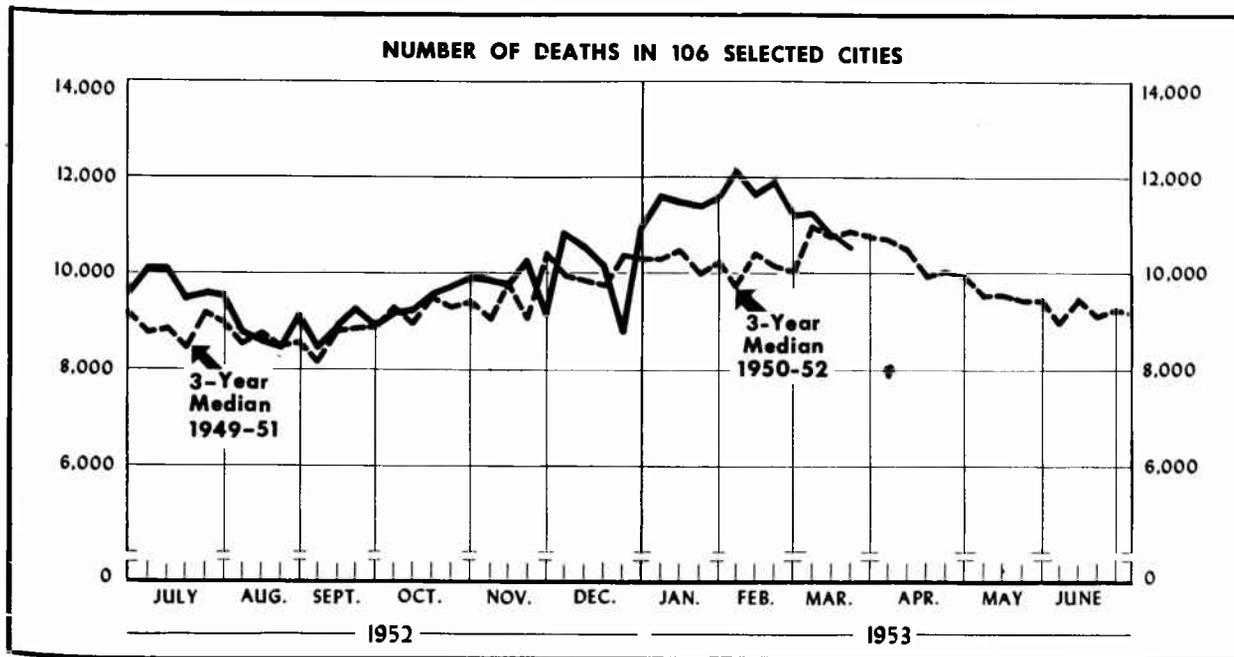
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998, 5 pt.)	Measles (085)	Meningococcal infections (057)	Polioomyelitis, 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
<b>NEW ENGLAND</b>															
Boston				1	2				19					8	
Bridgeport					11				2					1	
Cambridge									2						
Fall River					5										
Hartford				1		1			16					1	
Lowell															
Lynn					1				3						
New Bedford					2				4						
New Haven				5	7				22						
Portland, Me.				3					12						
Providence									14						
Somerville									4					1	
Springfield, Mass.									4					2	
Waterbury			1						4			1			
Worcester				6	1				23						
<b>MIDDLE ATLANTIC</b>															
Albany				2											
Buffalo				1	6	1			18					4	
Camden					3										
Elizabeth									4						
Erie															
Jersey City					2				8						
Newark, N. J.					10				6					4	
New York City			6	12	68	9			59	5		1		31	
Paterson					1				2						
Philadelphia				7		4			44					12	
Pittsburgh			1		9	2			10					4	
Reading					8									2	
Rochester, N. Y.					7				49						
Schenectady				3											
Syracuse					1	1			31						
Trenton					8				2						
Utica									33					2	
Yonkers					12				3						
<b>EAST NORTH CENTRAL</b>															
Akron															
Canton				1	9				1						
Chicago				2	66	2	1		71						
Cincinnati					15				16						
Cleveland					18	2			17					5	
Columbus									8						
Dayton					125				9						
Detroit		1							9			1			
Evansville		3	1		92	1	1		58					25	
Flint					26				19						
Fort Wayne					14				8						
Grand Rapids					4										
Indianapolis					1				14						
Indianapolis					1	1	1		19					4	
Milwaukee					382				38					7	
Peoria					46				10						
South Bend					2		3		1						
Toledo				1	327	1			11					4	
Youngstown					24				2						
<b>WEST NORTH CENTRAL</b>															
Des Moines				12	2				6						
Duluth					6	1			3						
Kansas City, Kans.					86	4			3						
Kansas City, Mo.					68	2			7					5	
Minneapolis		3			117	2			20					1	
Omaha															
St. Louis				1	77				20						1
St. Paul					21				7						
Wichita					121				6						

ADDITIONS: Akron, Ohio, for week ended March 14— hepatitis infectious, 1 case; measles, 72 cases; scarlet fever, 3 cases.



Provisional Statistics for Deaths in Selected Cities for  
Week Ended March 21, 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	11th week ended Mar. 21, 1953	10th week ended Mar. 14, 1953	11th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 11 WEEKS		
					1953	1952	Percentage difference
TOTAL: 104 REPORTING CITIES-----	10,385	10,599	10,695	-2.9	123,532	113,716	+8.6
New England----- (14 cities)	729	678	758	-3.8	8,212	7,685	+6.9
Middle Atlantic----- (17 cities)	3,205	3,238	3,441	-6.9	36,916	34,877	+5.8
East North Central----- (18 cities)	2,262	2,384	2,464	-8.2	27,675	24,765	+11.8
West North Central----- (9 cities)	812	729	764	+6.3	9,702	8,484	+14.4
South Atlantic----- (9 cities)	845	824	835	+1.2	10,041	8,978	+11.8
East South Central----- (7 cities)	415	461	434	-4.4	5,535	4,893	+13.1
West South Central----- (11 cities)	554	598	597	-7.2	7,174	6,711	+6.9
Mountain----- (7 cities)	257	230	234	+9.8	3,086	2,550	+21.0
Pacific----- (12 cities)	1,306	1,457	1,310	-0.3	15,191	14,773	+2.8

## Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED  
MARCH 21, 1953

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

CITY	11th week ended Mar. 21, 1953	10th week ended Mar. 14, 1953	CUMULATIVE NUMBER FOR FIRST 11 WEEKS		CITY	11th week ended Mar. 21, 1953	10th week ended Mar. 14, 1953	CUMULATIVE NUMBER FOR FIRST 11 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	274	229	2,800	2,621	St. Paul-----	71	72	831	722
Bridgeport-----	31	28	381	406	Wichita-----	57	30	506	479
Cambridge-----	29	30	327	371	SOUTH ATLANTIC				
Fall River-----	36	38	353	310	Atlanta-----	121	105	1,286	1,118
Hartford-----	45	38	560	483	Baltimore-----	242	214	2,943	2,759
Lowell-----	23	26	318	272	Charlotte-----	29	31	342	315
Lynn-----	18	21	245	267	Miami-----	66	67	785	663
New Bedford-----	22	25	303	281	Norfolk-----	30	34	417	337
New Haven-----	39	48	551	504	Richmond-----	77	65	837	805
Providence-----	55	70	756	722	Tampa-----	44	50	739	693
Somerville-----	25	11	197	186	Washington, D. C.-----	211	213	2,310	1,938
Springfield, Mass.-----	36	43	425	418	Wilmington, Del.-----	25	45	382	350
Waterbury-----	34	26	323	267	EAST SOUTH CENTRAL				
Worcester-----	62	45	673	577	Birmingham-----	64	71	880	783
MIDDLE ATLANTIC					Chattanooga-----	47	57	531	551
Albany-----	55	48	547	452	Knoxville-----	25	39	408	390
Buffalo-----	151	141	1,642	1,560	Louisville-----	86	117	1,308	1,139
Camden-----	37	38	424	403	Memphis-----	101	95	1,335	1,069
Elizabeth-----	19	30	353	399	Mobile-----	29	18	386	365
Erie-----	30	49	410	358	Montgomery-----	(33)	(28)	(372)	(284)
Jersey City-----	50	84	833	838	Nashville-----	63	64	687	596
Newark, N. J.-----	131	131	1,350	1,308	WEST SOUTH CENTRAL				
New York City-----	1,643	1,641	19,626	18,327	Austin-----	---	(26)	---	(259)
Paterson-----	55	44	494	491	Baton Rouge-----	11	19	161	174
Philadelphia-----	532	526	5,785	5,560	Corpus Christi-----	23	19	219	200
Pittsburgh-----	202	199	2,084	2,045	Dallas-----	92	116	1,151	1,023
Rochester, N. Y.-----	113	107	1,220	1,065	El Paso-----	28	26	362	325
Schenectady-----	20	24	275	271	Fort Worth-----	58	58	711	599
Syracuse-----	54	58	650	604	Houston-----	116	107	1,477	1,407
Trenton-----	46	62	579	544	Little Rock-----	48	40	510	580
Utica-----	44	30	357	334	New Orleans-----	---	(153)	---	(1,738)
Yonkers-----	23	26	307	318	Oklahoma City-----	41	46	664	622
EAST NORTH CENTRAL					San Antonio-----	78	94	1,013	879
Akron-----	53	63	727	644	Shreveport-----	31	38	507	451
Canton-----	38	28	348	353	Tulsa-----	28	35	399	451
Chicago-----	733	771	9,275	8,029	MOUNTAIN				
Cincinnati-----	166	156	1,829	1,660	Albuquerque-----	25	26	337	279
Cleveland-----	197	217	2,534	2,331	Colorado Springs-----	13	15	160	131
Columbus-----	90	97	1,316	1,164	Denver-----	98	112	1,406	1,191
Dayton-----	59	68	720	682	Ogden-----	15	13	147	136
Detroit-----	332	360	3,889	3,468	Phoenix-----	34	21	296	248
Evansville-----	37	39	413	375	Pueblo-----	11	10	170	122
Flint-----	38	44	428	408	Salt Lake City-----	61	33	570	443
Fort Wayne-----	35	25	386	331	Tucson-----	(7)	(7)	(69)	(67)
Grand Rapids-----	40	43	487	440	PACIFIC				
Indianapolis-----	113	124	1,388	1,293	Berkeley-----	14	11	207	220
Milwaukee-----	116	121	1,553	1,341	Long Beach-----	37	57	560	562
Peoria-----	20	34	351	368	Los Angeles-----	481	567	5,532	5,434
South Bend-----	28	16	268	266	Oakland-----	95	118	1,185	1,205
Toledo-----	117	111	1,095	1,063	Pasadena-----	36	38	426	394
Youngstown-----	50	67	668	549	Portland, Oreg.-----	125	106	1,190	1,165
WEST NORTH CENTRAL					Sacramento-----	45	57	585	533
Des Moines-----	42	47	595	605	San Diego-----	76	85	871	884
Duluth-----	14	26	318	264	San Francisco-----	207	213	2,415	2,230
Kansas City, Kans.-----	26	19	385	398	Seattle-----	120	120	1,330	1,305
Kansas City, Mo.-----	126	121	1,613	1,332	Spokane-----	40	49	496	433
Minneapolis-----	117	131	1,557	1,298	Tacoma-----	30	36	394	408
Omaha-----	55	55	797	708	Honolulu-----	(25)	(30)	(361)	(362)
St. Louis-----	304	228	3,100	2,678					

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