

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

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Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended February 23, 1952

The incidence of measles for the current week was approximately the same as for the previous week. The New England States reported fewer cases for the second consecutive week. There was also a small decrease in the Middle Atlantic and South Atlantic States for the current week as compared with the previous week. The incidence increased sharply in the East North Central States. The cumulative total for the calendar year 1952 is 143,695 as compared with 85,396 for the same period of 1951.

The number of cases of meningococcal infection reported for the first 8 weeks of 1952 is 924 as compared with 859 for the same period of 1951. The number of cases of rabies in animals is about 30 percent greater than last year. One case of human rabies was reported in Texas for the current week.

The incidence of diphtheria so far this year is about 30 percent less than for the same period of 1951, 608 cases being reported this year and 777 in 1951.

EPIDEMIOLOGICAL REPORTS

Influenza and Other Respiratory Infection

Dr. H. M. Erickson, Oregon Health Officer, reports that the outbreak of influenza-like disease previously reported has spread over the remainder of the State and that the peak of incidence was probably reached during the week ended February 23. Absenteeism in schools has averaged 25 percent or more in most parts of the State. It is stated that although virus identification studies are incomplete, a four-fold increase in hemagglutination inhibition titers for the Seattle strain of type B influenza virus has been obtained in a few sera by both the State Hygienic Laboratory and the University of Oregon Medical School.

Dr. M. H. Merrill, California Department of Public Health, reports that of the 352 cases of influenza reported for the week ended February 23, 281 were for Plumas County. The health officer in this county states that the outbreak is subsiding, and that adults as well as children in junior and senior high schools were affected. Dr. E. H. Lennette, has reported to the Influenza Information Center, N.I.H., that serologic diagnosis of type B influenza has been found in 13 cases having onset in the latter part of January. Ten of these cases were military personnel stationed at Fort Ord and 3 were residents of Tulare County.

The Influenza Information Center, N.I.H., has also received the following information. Dr. M. M. Sigel, Children's Hospital, Philadelphia, reports that an outbreak of influenza-like disease has been occurring in York and Lancaster Counties, Pennsylvania. Two out of 3 pairs of serum from York County show a rise in titer by complement fixation test to type B influenza virus, and in addition to these 8 out of 9 convalescent sera are compatible with recent infection with type B influenza. Dr. Sigel has also tested serum specimens from the Naval Training Center, Bainbridge, Maryland, by complement fixation tests and found a significant rise in titer in 2 of them.

Dr. Morris Pollard, University of Texas, Galveston, has isolated type B influenza virus from a patient clinically diagnosed as influenza.

The Division of Preventive Medicine, Bureau of Medicine and Surgery, U. S. Navy, reports the identification of 3 more strains

of type A-prime influenza virus recovered from patients at the Naval Training Center at Bainbridge.

The National Institutes of Health reports the isolation of 4 strains of type B influenza virus from persons living in the vicinity of Washington, D. C. These strains by the hemagglutination inhibition test are similar to the Seattle and 1210 strains but not to the Lee strain. They have also isolated a type B influenza virus from a person at the Naval Training Center in Bainbridge which is also similar to the Seattle and 1210 strains but not to the Lee.

The number of deaths from influenza and pneumonia reported from 58 cities was 308 for the week ended February 16, as compared with 285 for the previous week. The numbers reported by geographical areas, with figures for the previous week in parentheses, were: New England, 24 (19); Middle Atlantic, 114 (115); East North Central, 44 (53); West North Central, 15 (25); South Atlantic, 26 (21); East South Central, 18 (16); West South Central, 28 (12); Mountain, 15 (11); and Pacific, 24 (13).

Infectious Hepatitis

Dr. J. P. Ward, Arizona Director of Health, has supplied additional information on the epidemic of infectious hepatitis which occurred in an Indian School located in Tuba City, Arizona. Preliminary reports appeared in previous issues of the Communicable Disease Summary. Epidemiological investigation by Dr. L. R. Myers disclosed that the first diagnosed case occurred in the last week of November 1951. However, suggestive evidence indicated that the outbreak may have had its onset early in October when 5 or 6 younger children were bed-ridden and treated for an ill-defined "flu-like" illness with some signs of icterus. The peak of the epidemic occurred in the middle of December, with a possible secondary one in the fourth week of that month. Using laboratory tests as a criterion of present or recent infection the 318 sick children out of a total enrollment of 417 were classified as follows: 114 definite cases with jaundice, 86 cases of probable hepatitis, 60 possible cases, and 119 with no evidence of having had the infection. The attack rate, calculated on the basis of the entire school enrollment, was 48 percent, and the fatality rate as 1 percent (2 deaths). The source of the epidemic has not been identified and direct contact appears to have been the mode of spread. It is also reported that several hospital staff members and other essential community members were ill which upon investigation appeared to be hepatitis.

Shigellosis

Dr. R. F. Feemster, Massachusetts Department of Public Health, has reported an outbreak of the Flexner type of shigella infection in an institution housing about 1,700 persons. In the investigation conducted by Dr. R. L. Fowler it was determined that 34 patients and 2 attendants became ill during a 3-week period in January. There were 12 deaths. All cases occurred in 1 ward housing 55 male patients, the majority of whom were old and feeble. Symptoms consisted of fever, vomiting, and diarrhea, and dehydration and acidosis in the severe cases. Spread of infection was considered to be by direct contact which appeared to be facilitated by the fact that many patients were incontinent. Strict quarantine measures were applied as a control measure,

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and no infections were noted in other units in the institution.

Salmonellosis

Dr. Feemster has also reported an outbreak of salmonella infection in a newborn nursery of a general hospital which began late in December 1951. Of 44 babies exposed over a period of 1 month, 10 were definite cases with a positive culture, 13 were probable cases from whom the organism was not isolated, 1 had a positive culture without symptoms, and 8 were classified as possible cases. Only 14 were considered definitely not to be cases. The organism identified was *Salmonella montevideo*, which also was recovered from a water trap of a suction apparatus used on all newborn infants. Control of the outbreak followed closing

of the nursery and thorough cleaning of the same.

Psittacosis

Dr. James C. Hart, Connecticut Department of Health reports that 11 parakeets were imported contrary to State regulations from a bird farm in Florida where parakeets infected with psittacosis has been proved. One of the 11 imported parakeets died and the remaining 10 were confiscated and sent to a laboratory where psittacosis virus was isolated from 3 birds. The owner of the birds became ill on February 5, with a disease resembling psittacosis. Laboratory tests on the patient have not been completed.

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 1947-51	Approximate seasonal low week-ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1946-47 through 1950-51	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1947-51
	Feb. 23, 1952 ¹	Feb. 24, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	3	2	(²)	(²)	(²)	(²)	7	13	11
Brucellosis (undulant fever)----044	29	---	---	(²)	(²)	(²)	(²)	264	---	---
Diphtheria-----055	48	96	181	July 1	² 2,787	3,745	6,702	³ 606	777	1,491
Encephalitis, acute infectious---082	20	14	12	(²)	(²)	(²)	(²)	162	86	65
Hepatitis, infectious, and serum-----092, N998, 5 pt.	426	---	---	(²)	(²)	(²)	(²)	3,780	---	---
Malaria-----110-117	19	---	---	(²)	(²)	(²)	(²)	248	---	---
Measles-----085	22,594	14,918	14,918	Sept. 1	195,872	114,098	114,098	143,695	85,396	85,396
Meningococcal infections-----057	112	115	85	Sept. 1	2,079	1,903	1,704	924	859	696
Polioomyelitis, acute-----080	87	90	57	Apr. 1	² 28,327	33,092	28,023	³ 955	997	748
Rocky Mountain spotted fever---104A	1	-	-	(²)	(²)	(²)	(²)	6	2	5
Scarlet fever and streptococcal sore throat-----050, 051	3,291	2,365	2,646	Aug. 1	37,572	33,686	39,811	21,661	17,738	18,159
Trichiniasis-----128	-	---	---	(²)	(²)	(²)	(²)	27	---	---
Tularemia-----059	9	9	21	(²)	(²)	(²)	(²)	135	114	186
Typhoid fever-----040	30	17	31	Apr. 1	2,032	2,321	2,818	247	223	271
Typhus fever, endemic-----101	-	---	---	Apr. 1	---	---	---	17	---	---
Whooping cough-----056	961	1,604	2,251	Oct. 1	³ 23,617	34,715	41,034	³ 9,432	13,113	17,994
Rabies in animals-----	208	114	---	(²)	(²)	(²)	(²)	1,344	995	---

¹Rabies in man: Texas, 1 case. ²Not computed. ³Additions for week ended February 16: Diphtheria, Texas, 7 cases; poliomyelitis and whooping cough, California, 24 and 103 cases, respectively.

NOTE.—Cases of specified notifiable diseases occurring in outlying possessions for current week (corresponding week of 1951 shown in parentheses) follow:

Alaska: Measles, 11 (-); meningococcal infections, 1 (-).

Hawaii: Hepatitis, infectious and serum, 5 (-); measles, 304 (-); poliomyelitis, 2 (-); scarlet fever and streptococcal sore throat, - (5).

Puerto Rico: Diphtheria, 12 (9); measles, 15 (195); typhoid fever, 4 (3); whooping cough, 31 (3); malaria, 1; rabies in animals, 2.

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 with low frequencies (botulism, cholera, dengue, plague, rabies in man, smallpox, 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 FEBRUARY 23, 1952**

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

AREA	DIPHTHERIA (055)		MEASLES (088)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TYPHOID FEVER (040)	
	Week ended		Week ended		Week ended		Week ended		Week ended		Week ended	
	Feb. 23, 1952	Feb. 24, 1951	Feb. 23, 1952	Feb. 24, 1951	Feb. 23, 1952	Feb. 24, 1951	Feb. 23, 1952	Feb. 24, 1951	Feb. 23, 1952	Feb. 24, 1951	Feb. 23, 1952	Feb. 24, 1951
UNITED STATES-----	48	96	22,594	14,918	112	115	87	90	3,291	2,365	30	17
NEW ENGLAND-----	-	1	4,087	822	5	3	2	-	151	209	2	-
Maine-----	-	-	295	154	-	-	-	-	1	20	-	-
New Hampshire-----	-	-	111	178	-	-	-	-	6	8	-	-
Vermont-----	-	-	162	139	-	-	-	-	3	2	-	-
Massachusetts-----	-	1	2,083	266	3	3	1	-	88	132	-	-
Rhode Island-----	-	-	219	1	2	-	-	-	5	9	2	-
Connecticut-----	-	-	1,217	86	-	-	1	-	48	38	-	-
MIDDLE ATLANTIC-----	4	4	8,739	1,673	19	17	8	5	631	387	6	3
New York-----	-	1	3,511	516	11	7	3	5	377	189	3	-
New Jersey-----	1	1	2,598	523	2	4	1	-	101	68	1	1
Pennsylvania-----	3	2	2,630	634	6	6	1	-	153	130	2	2
EAST NORTH CENTRAL-----	-	8	4,273	2,308	30	16	4	5	1,040	672	4	6
Ohio-----	-	2	700	434	8	4	-	-	287	142	1	1
Indiana-----	-	2	337	113	2	1	-	-	128	78	-	4
Illinois-----	-	3	1,428	589	9	6	1	1	188	124	1	-
Michigan-----	-	1	925	436	9	2	1	3	282	276	1	1
Wisconsin-----	-	-	883	736	2	3	2	1	155	52	1	-
WEST NORTH CENTRAL-----	5	6	520	975	10	6	8	9	202	137	-	-
Minnesota-----	2	3	20	92	-	1	6	-	58	35	-	-
Iowa-----	-	-	142	42	-	4	-	3	31	21	-	-
Missouri-----	2	2	27	418	3	1	-	1	43	30	-	-
North Dakota-----	-	-	102	96	3	-	1	-	21	2	-	-
South Dakota-----	-	1	12	4	1	-	-	3	1	5	-	-
Nebraska-----	-	-	104	12	1	-	1	1	5	11	-	-
Kansas-----	1	-	113	311	2	-	-	1	43	33	-	-
SOUTH ATLANTIC-----	14	29	2,058	1,514	12	20	13	15	301	217	9	2
Delaware-----	-	-	10	18	-	-	-	-	6	7	-	-
Maryland-----	-	1	674	67	2	1	2	-	45	22	1	-
District of Columbia-----	-	-	101	48	-	-	-	1	23	12	-	-
Virginia-----	4	-	434	309	-	5	-	-	82	30	2	-
West Virginia-----	1	2	161	277	2	-	2	3	36	5	-	1
North Carolina-----	1	12	91	233	3	4	1	4	79	94	-	1
South Carolina-----	4	10	52	13	1	7	-	-	7	12	-	-
Georgia-----	2	4	324	470	3	1	4	2	11	15	2	-
Florida-----	2	-	211	79	1	2	4	5	12	20	4	-
EAST SOUTH CENTRAL-----	8	19	1,471	452	15	16	5	6	73	73	2	2
Kentucky-----	4	1	250	174	2	4	1	2	18	20	2	1
Tennessee-----	2	6	259	65	7	3	-	-	39	41	-	1
Alabama-----	1	8	894	45	6	8	-	2	10	6	-	-
Mississippi-----	1	4	68	168	-	1	4	2	6	6	-	-
WEST SOUTH CENTRAL-----	12	22	360	3,685	13	23	26	16	196	84	3	3
Arkansas-----	1	2	43	314	2	-	1	-	12	4	-	2
Louisiana-----	1	1	32	156	2	1	4	2	1	17	2	-
Oklahoma-----	2	3	16	247	1	6	4	1	12	9	-	-
Texas-----	8	16	269	2,968	8	16	17	13	171	54	1	1
MOUNTAIN-----	1	1	413	1,293	-	1	6	12	305	234	2	1
Montana-----	-	-	101	54	-	-	-	-	9	8	-	-
Idaho-----	-	-	11	42	-	-	2	2	23	86	-	-
Wyoming-----	-	-	11	43	-	-	-	1	99	-	-	-
Colorado-----	-	-	104	801	-	1	2	2	12	27	1	-
New Mexico-----	1	-	21	49	-	-	1	1	2	5	1	1
Arizona-----	-	1	42	272	-	-	-	6	120	7	-	-
Utah-----	-	-	122	25	-	-	-	-	39	101	-	-
Nevada-----	-	-	1	7	-	-	-	-	1	-	-	-
PACIFIC-----	4	6	673	2,196	8	13	18	22	332	352	2	-
Washington-----	1	-	93	542	-	3	3	3	46	93	-	-
Oregon-----	-	1	69	17	2	-	-	4	91	50	-	-
California-----	3	5	511	1,637	6	10	15	15	255	209	2	-

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED FEBRUARY 23, 1952—Continued
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	WHOOPING COUGH (056)		Botulism (049.1)	Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Hepatitis, infectious and serum (092, M998.5 pr.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Feb. 23, 1952	Feb. 24, 1951											
UNITED STATES-----	961	1,604	-	29	20	426	19	1	-	-	9	-	208
NEW ENGLAND-----	72	158	-	3	1	4	-	-	-	-	-	-	-
Maine-----	3	48	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	7	8	-	-	-	2	-	-	-	-	-	-	-
Vermont-----	18	24	-	2	-	-	-	-	-	-	-	-	-
Massachusetts-----	39	51	-	1	1	1	-	-	-	-	-	-	-
Rhode Island-----	-	19	-	-	-	1	-	-	-	-	-	-	-
Connecticut-----	5	8	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	128	238	-	1	9	57	2	-	-	-	-	-	12
New York-----	55	74	-	-	8	35	1	-	-	-	-	-	2
New Jersey-----	28	70	-	-	1	-	-	-	-	-	-	-	-
Pennsylvania-----	45	94	-	1	-	22	1	-	-	-	-	-	10
EAST NORTH CENTRAL----	120	235	-	10	6	26	-	-	-	-	3	-	18
Ohio-----	24	52	-	-	-	12	-	-	-	-	-	-	4
Indiana-----	9	21	-	-	-	5	-	-	-	-	-	-	2
Illinois-----	17	19	-	4	4	2	-	-	-	-	3	-	7
Michigan-----	42	82	-	4	2	6	-	-	-	-	-	-	5
Wisconsin-----	28	61	-	2	-	1	-	-	-	-	-	-	-
WEST NORTH CENTRAL----	26	83	-	6	-	62	1	-	-	-	1	-	26
Minnesota-----	3	18	-	1	-	3	1	-	-	-	-	-	4
Iowa-----	8	8	-	2	-	37	-	-	-	-	-	-	11
Missouri-----	11	6	-	2	-	17	-	-	-	-	1	-	7
North Dakota-----	1	13	-	-	-	2	-	-	-	-	-	-	3
South Dakota-----	1	9	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	1	2	-	-	-	-	-	-	-	-	-	-	1
Kansas-----	1	27	-	1	-	3	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	107	264	-	4	-	91	4	1	-	-	2	-	56
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	8	11	-	2	-	9	-	-	-	-	-	-	-
District of Columbia-----	-	10	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	18	84	-	1	-	35	1	1	-	2	-	-	15
West Virginia-----	48	66	-	-	-	3	-	-	-	-	-	-	4
North Carolina-----	11	42	-	-	-	17	-	-	-	-	-	-	6
South Carolina-----	2	4	-	-	-	3	1	-	-	-	-	-	15
Georgia-----	14	24	-	1	-	21	2	-	-	-	-	-	13
Florida-----	6	23	-	-	-	3	-	-	-	-	-	-	3
EAST SOUTH CENTRAL----	102	42	-	1	1	107	3	-	-	-	2	-	31
Kentucky-----	47	23	-	-	-	49	3	-	-	-	-	-	9
Tennessee-----	19	5	-	-	-	22	-	-	-	-	-	-	5
Alabama-----	28	11	-	-	-	36	-	-	-	-	1	-	10
Mississippi-----	8	3	-	1	1	-	-	-	-	-	1	-	7
WEST SOUTH CENTRAL----	310	405	-	2	1	9	9	-	-	-	1	-	65
Arkansas-----	8	78	-	1	-	3	-	-	-	-	-	-	8
Louisiana-----	2	5	-	-	-	-	-	-	-	-	-	-	22
Oklahoma-----	9	23	-	-	1	6	3	-	-	-	1	-	3
Texas-----	291	299	-	1	-	-	6	-	-	-	-	-	32
MOUNTAIN-----	32	137	-	1	2	27	-	-	-	-	-	-	-
Montana-----	-	6	-	-	1	1	-	-	-	-	-	-	-
Idaho-----	2	8	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	4	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	7	18	-	-	-	2	-	-	-	-	-	-	-
New Mexico-----	1	55	-	-	-	13	-	-	-	-	-	-	-
Arizona-----	22	43	-	-	1	5	-	-	-	-	-	-	-
Utah-----	-	3	-	1	-	6	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	64	42	-	1	-	43	-	-	-	-	-	-	-
Washington-----	4	8	-	-	-	14	-	-	-	-	-	-	-
Oregon-----	3	5	-	-	-	13	-	-	-	-	-	-	-
California-----	57	29	-	1	-	16	-	-	-	-	-	-	-

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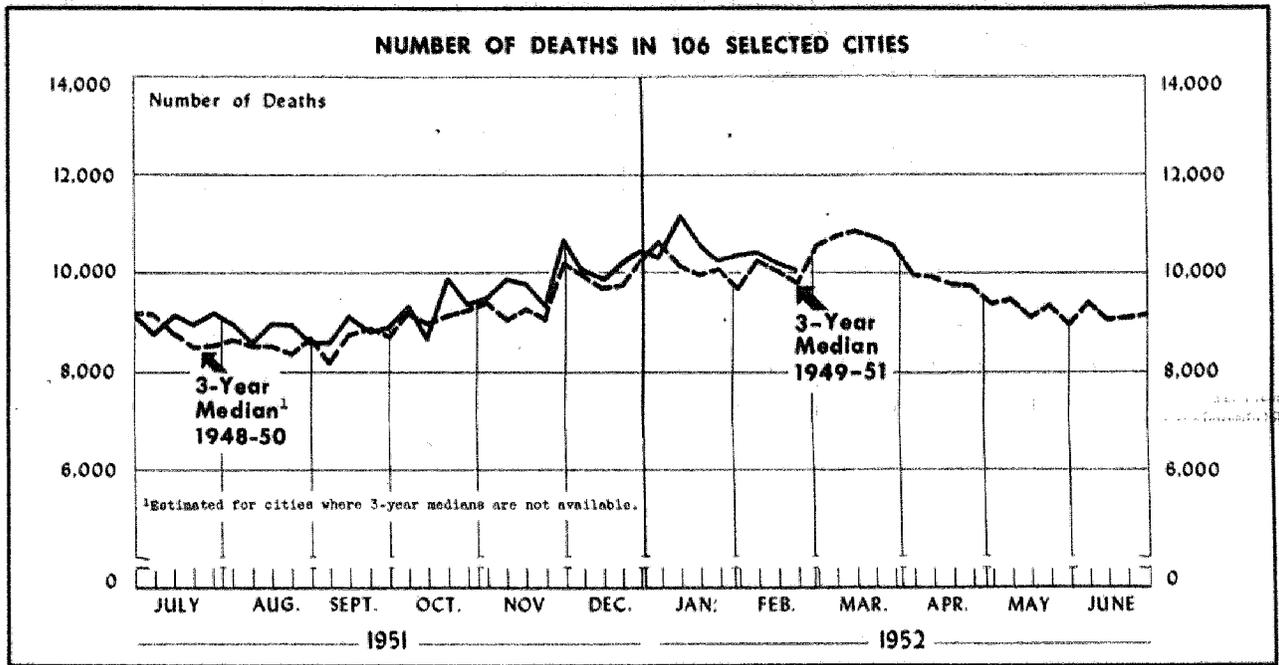
Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

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(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)	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
TOTAL: 99 cities--	1	4	3	61	7,720	39	26	-	796	-	-	4	1	157	15
NEW ENGLAND															
Boston-----					187	1								11	
Bridgeport-----					77										
Cambridge-----					163				1						
Fall River-----					109										
Hartford-----					49	2	1							1	
Lowell-----					14										
Lynn-----					19				2						
New Bedford-----					6				1						
New Haven-----					6				2						
Portland, Me.-----				1	69									1	
Providence-----					86	1			2						
Somerville-----					44				1					1	
Springfield, Mass.-----					126	1			7					2	
Waterbury-----					10				7						
Worcester-----					56										
MIDDLE ATLANTIC															
Albany-----					11										
Buffalo-----					3				12			1			
Camden-----					7										
Elizabeth-----					95				1						
Erie-----					125				3						
Jersey City-----					34				6					4	
Newark, N. J.-----					345				9					4	
New York City-----				23	2,026	5	3		258			2		32	2
Paterson-----					12				2						
Philadelphia-----		1		7	840	1			24					13	
Pittsburgh-----			1		14	2			12					3	
Reading-----					7									4	
Rochester, N. Y.-----					106				8					4	
Schenectady-----					74	1			1					1	
Syracuse-----				1	132				9						
Trenton-----					15										
Utica-----															
Yonkers-----					9				1						
EAST NORTH CENTRAL															
Akron-----															
Canton-----					3	1									
Chicago-----	1				521	3	1		46					6	
Cincinnati-----				4	97	3			11					1	
Cleveland-----															
Columbus-----					1				12						
Dayton-----															
Detroit-----				1	343	1			34					8	3
Evansville-----															
Flint-----					2				9						
Fort Wayne-----					2				7						
Grand Rapids-----					282				6						
Indianapolis-----					60				17					5	
Milwaukee-----					205				10					7	
Peoria-----															
South Bend-----					16				1						
Toledo-----															
Youngstown-----					35				2					1	
WEST NORTH CENTRAL															
Des Moines-----				4	2				3						
Duluth-----									2					2	
Kansas City, Kans.-----									4						
Kansas City, Mo.-----				1	22				8					4	
Minneapolis-----		2		2	6				16						
Omaha-----															
St. Louis-----				1					6						
St. Paul-----									3						
Wichita-----					39				6						

Provisional Statistics for Deaths in Selected Cities for Week Ended February 23, 1952



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	8th week ended Feb. 23, 1952	7th week ended Feb. 16, 1952	8th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 8 WEEKS		
					1952	1951	Percentage difference
TOTAL: 103 REPORTING CITIES-----	9,788	9,917	9,548	+2.5	81,323	80,605	+0.9
New England----- (14 cities)	589	656	693	-15.0	5,400	5,770	-6.4
Middle Atlantic----- (17 cities)	2,994	3,165	3,111	-3.8	25,215	25,338	-0.5
East North Central----- (18 cities)	2,180	2,205	2,119	+2.9	17,710	17,883	-1.0
West North Central----- (8 cities)	624	675	640	-2.5	5,604	5,461	+2.6
South Atlantic----- (9 cities)	840	820	741	+13.4	6,444	6,098	+5.7
East South Central----- (7 cities)	449	428	417	+7.7	3,535	3,538	-0.1
West South Central----- (11 cities)	601	573	536	+12.1	4,771	4,705	+1.4
Mountain----- (7 cities)	229	203	217	+5.5	1,836	1,839	+12.0
Pacific----- (12 cities)	1,282	1,192	1,114	+15.1	10,808	10,173	+6.2

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

FEBRUARY 23, 1952

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

CITY	8th week ended Feb. 23, 1952	7th week ended Feb. 16, 1952	CUMULATIVE NUMBER FOR FIRST 8 WEEKS		CITY	8th week ended Feb. 23, 1952	7th week ended Feb. 16, 1952	CUMULATIVE NUMBER FOR FIRST 8 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	219	226	1,785	1,961	St. Paul-----	---	(54)	---	(523)
Bridgeport-----	32	31	293	283	Wichita-----	46	55	370	332
Cambridge-----	28	30	289	264	SOUTH ATLANTIC				
Fall River-----	18	27	220	265	Atlanta-----	100	84	807	695
Hartford-----	34	39	368	382	Baltimore-----	257	246	1,974	1,911
Lovell-----	16	26	198	252	Charlotte-----	25	24	226	229
Lynn-----	17	26	192	203	Miami-----	69	62	501	476
New Bedford-----	18	22	193	185	Norfolk-----	35	27	251	266
New Haven-----	39	52	336	379	Richmond-----	68	83	553	553
Providence-----	54	60	522	537	Tampa-----	56	69	523	393
Somerville-----	21	27	142	142	Washington, D. C.-----	192	199	1,336	1,347
Springfield, Mass.-----	33	28	291	312	Wilmington, Del.-----	38	26	273	228
Waterbury-----	14	18	194	185	EAST SOUTH CENTRAL				
Worcester-----	45	44	397	420	Birmingham-----	78	66	574	623
MIDDLE ATLANTIC					Chattanooga-----	36	51	390	377
Albany-----	34	47	315	364	Knorrville-----	48	39	274	300
Buffalo-----	125	137	1,149	1,234	Louisville-----	116	81	823	775
Camden-----	30	35	293	304	Memphis-----	97	95	810	746
Elizabeth-----	35	50	309	261	Mobile-----	33	40	266	261
Erie-----	36	35	269	262	Montgomery-----	(25)	(14)	(215)	(237)
Jersey City-----	69	72	609	582	Nashville-----	41	56	398	456
Newark, N. J.-----	93	115	960	859	WEST SOUTH CENTRAL				
New York City-----	1,635	1,678	13,276	13,375	Austin-----	17	17	179	221
Paterson-----	35	45	336	319	Baton Rouge-----	8	15	125	110
Philadelphia-----	465	498	3,986	4,258	Corpus Christi-----	23	16	146	113
Pittsburgh-----	187	161	1,458	1,346	Dallas-----	106	115	751	702
Rochester, N. Y.-----	89	109	787	737	El Paso-----	---	(32)	---	(264)
Schenectady-----	21	25	192	172	Fort Worth-----	50	53	443	466
Syracuse-----	52	60	423	396	Houston-----	127	127	1,016	1,016
Trenton-----	37	41	386	385	Little Rock-----	38	58	375	337
Utica-----	32	27	240	239	New Orleans-----	---	(152)	---	(1,446)
Yonkers-----	19	30	227	245	Oklahoma City-----	50	49	465	431
EAST NORTH CENTRAL					San Antonio-----	79	74	625	698
Akron-----	59	65	482	403	Shreveport-----	48	38	319	308
Canton-----	25	33	254	223	Tulsa-----	55	11	327	303
Chicago-----	722	750	5,727	6,069	MOUNTAIN				
Cincinnati-----	144	137	1,165	1,190	Albuquerque-----	21	23	197	190
Cleveland-----	256	198	1,701	1,675	Colorado Springs-----	16	4	95	93
Columbus-----	95	102	819	830	Denver-----	125	98	868	803
Dayton-----	58	60	479	503	Ogden-----	8	11	96	64
Detroit-----	320	319	2,484	2,564	Phoenix-----	21	18	177	149
Evansville-----	30	47	275	245	Pueblo-----	8	9	87	55
Flint-----	39	36	300	233	Salt Lake City-----	30	40	316	285
Fort Wayne-----	32	38	238	285	Tucson-----	(6)	(6)	(49)	(49)
Grand Rapids-----	27	42	302	320	PACIFIC				
Indianapolis-----	94	96	895	854	Berkeley-----	11	19	165	140
Milwaukee-----	101	113	969	947	Long Beach-----	43	60	401	392
Peoria-----	23	36	266	212	Los Angeles-----	597	409	4,051	3,669
South Bend-----	20	13	186	212	Oakland-----	77	115	868	779
Toledo-----	90	76	759	767	Pasadena-----	19	35	273	249
Youngstown-----	45	44	410	326	Portland, Oreg.-----	79	98	881	857
WEST NORTH CENTRAL					Sacramento-----	46	39	385	389
Des Moines-----	59	43	426	412	San Diego-----	63	73	629	552
Duluth-----	20	25	180	201	San Francisco-----	186	152	1,625	1,620
Kansas City, Kans.-----	39	46	311	308	Seattle-----	108	100	942	924
Kansas City, Mo.-----	118	109	956	909	Spokane-----	27	48	306	320
Minneapolis-----	74	117	949	915	Tacoma-----	26	44	282	282
Omaha-----	59	68	503	446	Honolulu-----	(32)	(32)	(261)	(268)
St. Louis-----	209	212	1,909	1,938					

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