

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

January 23, 1953

Washington 25, D. C.

Vol. 2, No. 2

Provisional Information on Selected Notifiable Diseases in the United States for Week Ended January 17, 1953

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received by the Influenza Information Center, NIH, and by the National Office of Vital Statistics.

Dr. S. S. Kalter, State University of New York, Syracuse, has reported an outbreak of clinical influenza with 35 cases in 3 days in a school in central New York State. From other sources the disease is reported to be mild, and no other outbreaks have been noted in the State. Material for laboratory tests is being obtained.

Dr. C. G. Loosli, University of Chicago, reports a sudden increase in prevalence of acute respiratory illness among students and faculty members, beginning about January 8. The illness has been characterized by sudden onset, general aches and pains, headache, conjunctivitis, and a nonproductive cough. Respiratory symptoms have been minimal. The leucocyte count has been normal to low and the duration of fever has been 48 to 72 hours. Material for specific diagnosis is being collected.

Dr. R. R. Cross, Illinois Director of Public Health, has been notified of an influenza-like disease in a community in Carroll County. The disease first began about the middle of December, and by the first of January an estimated 25 percent of the population had been ill. The disease was mild but characterized by chills, generalized aching, and cough, at temperatures of 101 to 103° F. In other parts of northwestern Illinois the disease was preceded by an intestinal phase, and in a few cases a secondary pneumonia developed which was proved by X-ray. Five paired sera from Carroll County have been examined by the State Division of Laboratories and were shown to have significant titers against the A-prime type of virus.

Dr. E. H. Lennette, Regional Research Laboratory, California, reports the serologic diagnosis of influenza A in 6 recent cases, 5 of them among Navy personnel in the San Francisco area. A small number of cases has also been reported from other areas.

The Division of Preventive Medicine, Navy Bureau of Medicine and Surgery, reports an increased incidence of respiratory disease in Naval establishments in Florida, Tennessee, Oklahoma, Kansas, and California. The outbreak of respiratory disease at the Naval installation in Maryland is persisting, but no longer increasing. A-prime influenza virus has been identified by Dr. T. G. Ward, Johns Hopkins University, in throat washings taken at this base. A report from the Naval Research Unit No. 4, Great Lakes, showed that 8 of 56 paired sera obtained in November and December 1952, had a significant rise in hemagglutination inhibition titer to either or both the Lee strain and GL 704-52 strain of influenza B virus. There was no rise in A-prime antigens.

The Preventive Medicine Division, Air Force, reports that influenza has been identified by serologic tests recently in Air Force Bases in Colorado, Texas, New Mexico, Wyoming, South Dakota, Iowa, Kansas, Kentucky, and New Jersey. Influenza A-prime was reported in December in Air Force Bases in the United Kingdom, and also Germany and France. Reports from bases in Alaska indicate that there has been influenza-like disease among military and civilian personnel but specific diagnosis by laboratory tests is not yet available.

The Preventive Medicine Division, Army, reports that the

incidence of respiratory disease is decreasing in Army installations in Missouri and New Jersey. Influenza A-prime has been identified in both places. There has been an increase in respiratory disease rates at military installations in Georgia, New York, Louisiana, and Texas, while those in Virginia have remained the same. Serologic diagnoses for influenza A-prime have been reported from military installations in Virginia, South Carolina, Oklahoma, Texas, Arkansas, and California.

Dr. George W. Cox, Texas State Health Officer, has reported that influenza virus A-prime has been isolated from 3 patients in Texas by the State health department laboratory. Respiratory disease is widely prevalent in the State. Dr. D. S. Fleming, Minnesota Department of Health, reports that A-prime virus has been obtained from throat washings of a patient with clinical influenza, and that a mild type of influenza-like disease is widespread throughout the State. Dr. L. E. Burney, Indiana Health Commissioner, has reported an outbreak of respiratory disease in Earlham College. Approximately 100 cases were found on investigation. Dr. R. A. Vonderlehr, Regional Medical Director, Public Health Service, reports the occurrence of respiratory disease outbreaks in Memphis, and Jackson, Tennessee, and in a college in the same State. Dr. Milton Zises, New Mexico Department of Public Health, has sent notification of an outbreak of respiratory disease in Sante Fe. School absenteeism has been relatively high, and physicians report an unusually excessive number of persons with upper respiratory disease for this time of the year. Dr. A. M. Washburn, Arkansas State Board of Health, reports outbreaks of influenza-like disease in 11 counties. Absenteeism in schools in these areas varies from 5 to 15 percent. Dr. G. J. Van Heuvelen, South Dakota Health Officer, has reported nearly a hundred cases of influenza in an Indian School in Todd County. Dr. G. E. McDaniel, South Carolina Board of Health, states that a number of physicians in different parts of the State have reported an unusual number of cases of an influenza-like disease, especially in Columbia, Greenwood, and Bishopville. In some instances the patients have high fever and considerable headache and muscular aches. Reports on laboratory tests are not yet available. Dr. A. A. Jenkins, Utah Department of Health, reports that influenza-like disease has been prevalent in Utah for the past 2 or 3 weeks. Most of the 1,500 cases reported have been in Salt Lake County, but 11 of the 29 counties have reported some cases. The epidemic has generally been mild, but a few cases have been severe. Laboratory examination of specimens is in progress. Dr. W. R. Geidt, Washington State Department of Health, reports that outbreaks of acute respiratory disease have been reported from 3 counties. Dr. J. R. Enright, Hawaii Department of Health, reports a high incidence of respiratory disease since the last of December in Honolulu and Oahu. The disease has been characterized by sudden onset, fever, and severe aching pains. A laboratory test previously reported on sera which proved to be A-prime type of infection was from a patient who had acquired the disease in the Orient.

Based on reports received to date, it is evident that there is widespread prevalence of a mild type of influenza A-prime in many parts of the country, particularly, in the central part. Confirmation of diagnosis of A-prime influenza by virus isolations or serologic tests have been made in persons living or stationed in 12 central States and 4 along the eastern seaboard.

An increase of 19 percent occurred in the number of deaths from influenza and pneumonia reported by 58 cities for the week ended January 10. A total of 346 deaths was reported as compared with 291 for the previous week. The numbers reported for these cities by geographic division, with figures for the previous week in parentheses, were: New England, 27 (16); Middle Atlantic, 117 (103); East North Central, 57 (58); West North Central, 40 (32); South Atlantic, 29 (30); East South Central, 6 (14); West South Central, 26 (22); Mountain, 18 (6); and Pacific, 26 (10).

Brill's disease

Dr. Morris Greenberg, New York City Department of Health, reports a case of Brill's disease in a 42-year-old man in Brooklyn. The patient was born in Poland and came to this country about 18 months ago. He does not recall having typhus fever while in Poland. He became ill the first of November with fever of 104° and severe frontal headache. Treatment with penicillin, strepto-

mycin, and gantrisin had no effect and the patient was admitted to the hospital on November 4. The next day small maculo-papular lesions were noted on the trunk. Fever dropped by crisis on this day to 100° without further treatment and gradually came down to normal. X-ray of the chest was negative. Blood and stool cultures were negative for pathogenic organisms. Blood agglutination test was positive with typhoid antigen in a dilution of 1:80, but negative with typhoid H antigen and with antigens of paratyphoid A and B, brucella and proteus OX 19. A blood specimen obtained on November 10 did not agglutinate proteus OX 19. Complement fixation was negative for Rocky Mountain spotted fever and for rickettsial-pox. It was positive for epidemic typhus in a dilution of 1:256 and for endemic typhus in a dilution of 1:128. A second specimen was obtained on November 25. Complement fixation tests yielded the same results but agglutination with proteus OX 19 was positive in a dilution of 1:80.

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
	Jan. 17, 1953	Jan. 12, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	1 ¹	1	1	(2)	(2)	(2)	(2)	1	1	1
Botulism-----049.1	-	-	---	(2)	(2)	(2)	(2)	-	2	---
Brucellosis (undulant fever)-----044	33	9	---	(2)	(2)	(2)	(2)	49	23	---
Diphtheria-----055	88	79	192	July 1	1,795	2,325	4,722	147	144	340
Encephalitis, acute infectious---082	9	19	7	(2)	(2)	(2)	(2)	23	41	16
Hepatitis, infectious, and serum-----092,N998.5 pt.	775	251	---	(2)	(2)	(2)	(2)	1,345	413	---
Malaria-----110-117	8	35	---	(2)	(2)	(2)	(2)	20	54	---
Measles-----085	6,343	16,412	7,372	Sept. 1	42,343	78,085	44,825	11,569	25,909	14,609
Meningococcal infections-----057	138	118	94	Sept. 1	1,502	1,360	1,175	270	205	177
Poliomyelitis, acute-----080	204	159	142	Apr. 1	³ 56,702	27,656	27,656	³ 456	294	293
Rabies in man-----094	-	-	---	(2)	(2)	(2)	(2)	-	-	---
Rocky Mountain spotted fever-----104A	1	-	1	(2)	(2)	(2)	(2)	1	2	2
Scarlet fever and streptococcal sore throat-----050,051	4,099	1,895	1,895	Aug. 1	43,438	19,335	19,341	7,936	3,424	3,424
Smallpox-----084	-	3	2	(2)	(2)	(2)	(2)	-	3	2
Trichiniasis-----128	6	3	---	(2)	(2)	(2)	(2)	6	5	---
Tularemia-----059	11	11	24	(2)	(2)	(2)	(2)	29	22	51
Typhoid fever-----040	26	36	33	Apr. 1	2,046	1,839	2,425	57	54	54
Typhus fever, endemic-----101	6	2	---	Apr. 1	162	---	---	12	5	---
Whooping cough-----056	672	1,331	1,743	Oct. 1	9,210	16,425	24,950	1,353	2,240	3,316
Rabies in animals-----	139	144	---	(2)	(2)	(2)	(2)	262	247	---

¹Reported in Massachusetts.

²Not computed.

³Deduction: Kentucky, week ended January 10, 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.

Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JANUARY 17, 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)	
	2d week		2d week		2d week		2d week		2d week		2d week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	88	79	775	251	6,343	16,412	136	116	204	159	4,088	1,895
NEW ENGLAND-----	46	3	86	4	98	4,724	7	2	4	2	339	118
Maine-----	-	-	47	1	13	434	1	-	1	1	58	8
New Hampshire-----	-	-	-	-	16	299	1	-	-	-	1	5
Vermont-----	-	-	-	-	5	252	-	-	-	-	11	3
Massachusetts-----	46	2	27	2	41	2,275	3	1	2	-	134	58
Rhode Island-----	-	-	-	-	-	373	-	1	-	-	18	7
Connecticut-----	-	1	12	1	23	1,091	2	-	1	1	117	37
MIDDLE ATLANTIC-----	2	7	93	3	426	6,689	20	15	27	4	651	340
New York-----	-	3	74	3	146	2,866	8	6	26	3	406	194
New Jersey-----	-	2	-	-	87	1,884	4	3	1	-	109	46
Pennsylvania-----	2	2	19	-	193	1,939	8	6	-	1	136	100
EAST NORTH CENTRAL-----	5	6	84	28	2,564	1,943	26	18	20	11	699	523
Ohio-----	2	1	42	8	435	301	7	4	3	1	137	158
Indiana-----	-	-	18	6	5	143	3	-	2	-	100	33
Illinois-----	2	2	7	6	168	711	10	9	7	-	179	93
Michigan-----	-	-	11	4	599	400	4	3	8	7	200	206
Wisconsin-----	1	3	6	4	1,357	388	2	2	-	3	83	33
WEST NORTH CENTRAL-----	-	3	94	39	725	161	8	6	26	12	188	86
Minnesota-----	-	1	-	5	199	32	3	2	5	6	49	28
Iowa-----	-	-	32	27	86	31	1	-	14	-	22	8
Missouri-----	-	1	19	7	166	16	2	2	2	1	42	5
North Dakota-----	-	-	6	-	20	34	1	-	-	-	17	5
South Dakota-----	-	1	-	-	90	-	-	-	1	2	2	3
Nebraska-----	-	-	22	-	56	39	-	1	2	2	6	7
Kansas-----	-	-	15	-	108	9	1	1	2	1	50	30
SOUTH ATLANTIC-----	14	19	191	77	261	1,482	27	17	19	17	314	221
Delaware-----	-	-	-	-	3	1	-	1	-	-	9	-
Maryland-----	-	-	7	12	27	415	1	1	-	1	35	22
District of Columbia-----	-	-	-	-	3	123	1	-	-	-	7	8
Virginia-----	2	3	45	27	46	334	8	5	1	1	131	86
West Virginia-----	1	3	87	1	79	137	1	-	1	4	29	20
North Carolina-----	6	3	34	-	51	44	10	2	11	4	67	52
South Carolina-----	3	4	1	-	16	14	3	5	1	-	4	9
Georgia-----	1	4	13	37	26	352	1	1	1	3	16	19
Florida-----	1	2	4	-	10	62	2	2	4	4	16	5
EAST SOUTH CENTRAL-----	9	14	70	62	180	588	15	20	4	9	197	89
Kentucky-----	1	-	24	11	27	238	6	8	-	1	33	51
Tennessee-----	2	5	5	50	80	106	4	5	3	1	138	25
Alabama-----	5	6	34	1	39	179	4	2	1	2	18	11
Mississippi-----	1	3	7	-	34	65	1	5	-	5	8	2
WEST SOUTH CENTRAL-----	9	18	37	2	845	150	12	18	12	51	900	91
Arkansas-----	-	1	18	2	255	3	-	1	-	2	42	42
Louisiana-----	2	3	-	-	3	7	4	1	5	12	13	2
Oklahoma-----	1	2	3	-	4	20	1	3	1	-	20	14
Texas-----	6	12	16	-	583	120	7	13	6	37	825	33
MOUNTAIN-----	3	2	73	11	330	403	4	3	17	9	383	120
Montana-----	-	-	3	-	64	81	1	1	1	1	30	13
Idaho-----	-	-	1	-	20	10	-	-	1	1	62	41
Wyoming-----	-	-	-	3	2	8	-	-	1	-	63	4
Colorado-----	1	-	6	-	95	54	1	-	2	3	18	20
New Mexico-----	-	-	1	7	27	88	-	2	3	-	2	4
Arizona-----	-	2	-	-	51	106	2	-	-	1	102	7
Utah-----	2	-	60	1	67	55	-	-	5	3	106	26
Nevada-----	-	-	-	-	4	1	-	-	4	-	-	5
PACIFIC-----	-	7	47	25	914	272	19	19	75	44	417	307
Washington-----	-	1	3	1	166	64	2	-	9	3	107	45
Oregon-----	-	1	23	12	186	38	1	2	-	3	87	51
California-----	-	5	21	12	562	170	16	17	66	38	223	211
Alaska-----	(-)	(-)	(-)	(-)	(2)	(-)	(-)	(-)	(6)	(-)	(-)	(3)
Hawaii-----	(-)	(-)	(32)	(-)	(2)	(1,052)	(1)	(-)	(-)	(-)	(1)	(-)
Puerto Rico-----	(2)	(4)	(-)	(-)	(22)	(14)	(-)	(-)	(-)	(1)	(-)	(-)

Weekly Morbidity Report

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED JANUARY 17, 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- dulant fever) (044)	Encephalitis, acute infec- tious (062)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	2d week		2d week									
	1953	1952	1953	1952								
UNITED STATES-----	26	36	672	1,331	33	9	8	1	6	11	6	139
NEW ENGLAND-----	1	-	48	211	2	-	1	-	-	-	-	-
Maine-----	-	-	4	16	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	1	19	-	-	-	-	-	-	-	-
Vermont-----	1	-	-	19	2	-	-	-	-	-	-	-
Massachusetts-----	-	-	31	93	-	-	1	-	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	10	64	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	1	13	247	244	4	2	1	-	-	-	-	13
New York-----	-	-	139	88	2	2	1	-	-	-	-	12
New Jersey-----	-	-	46	74	1	-	-	-	-	-	-	-
Pennsylvania-----	1	13	62	82	1	-	-	-	-	-	-	1
EAST NORTH CENTRAL-----	2	-	105	176	4	1	1	-	5	2	-	8
Ohio-----	1	-	21	23	-	-	-	-	5	1	-	6
Indiana-----	-	-	14	28	-	-	-	-	-	-	-	-
Illinois-----	-	-	4	25	3	1	1	-	-	-	-	-
Michigan-----	1	-	45	77	1	-	-	-	-	-	-	2
Wisconsin-----	-	-	21	23	-	-	-	-	-	1	-	-
WEST NORTH CENTRAL-----	4	2	16	33	4	3	-	-	-	1	-	7
Minnesota-----	1	1	3	3	1	-	-	-	-	-	-	3
Iowa-----	2	-	9	-	1	-	-	-	-	-	-	-
Missouri-----	1	-	-	11	2	-	-	-	-	-	-	4
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	1	1	-	-	-	-	-	-	-	-
Nebraska-----	-	1	2	1	-	-	-	-	-	-	-	-
Kansas-----	-	-	1	17	-	3	-	-	-	1	-	-
SOUTH ATLANTIC-----	5	4	68	129	8	-	2	1	-	4	1	33
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	5	8	-	-	1	-	-	-	-	-
District of Columbia-----	-	-	-	2	-	-	-	-	-	-	-	-
Virginia-----	-	-	8	14	5	-	-	-	-	1	-	11
West Virginia-----	-	-	49	45	-	-	-	-	-	-	-	8
North Carolina-----	1	-	-	11	2	-	-	1	-	3	-	1
South Carolina-----	-	1	5	1	-	-	-	-	-	-	-	4
Georgia-----	2	2	1	28	1	-	1	-	-	-	1	9
Florida-----	2	1	-	20	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	2	4	15	94	2	1	1	-	-	2	4	27
Kentucky-----	-	1	4	49	-	-	1	-	-	2	-	5
Tennessee-----	1	2	8	32	1	1	-	-	-	-	-	14
Alabama-----	1	-	3	10	1	-	-	-	-	-	4	3
Mississippi-----	-	1	-	3	-	-	-	-	*	-	-	5
WEST SOUTH CENTRAL-----	6	6	61	316	1	1	2	-	-	-	1	51
Arkansas-----	2	2	10	18	-	-	-	-	-	-	-	2
Louisiana-----	-	3	4	2	-	-	1	-	-	-	-	1 ²
Oklahoma-----	-	1	1	8	-	-	-	-	-	-	-	1
Texas-----	4	-	46	288	1	1	1	-	*	-	1	36
MOUNTAIN-----	4	4	21	42	2	-	-	-	-	2	-	-
Montana-----	-	-	1	-	-	-	-	-	-	-	-	-
Idaho-----	-	1	3	4	-	-	-	-	-	-	-	-
Wyoming-----	1	-	-	-	-	-	-	-	-	2	-	-
Colorado-----	1	-	-	18	2	-	-	-	-	-	-	-
New Mexico-----	2	1	1	6	-	-	-	-	-	-	-	-
Arizona-----	-	2	16	7	-	-	-	-	-	-	-	-
Utah-----	-	-	-	7	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	3	91	86	6	1	-	-	1	-	-	-
Washington-----	-	-	2	1	-	-	-	-	-	-	-	-
Oregon-----	-	-	10	-	-	-	-	-	1	-	-	-
California-----	1	3	79	85	6	1	-	-	-	-	-	-
Alaska-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(1)	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)
Puerto Rico-----	(-)	(3)	(6)	(3)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

²Report for December.

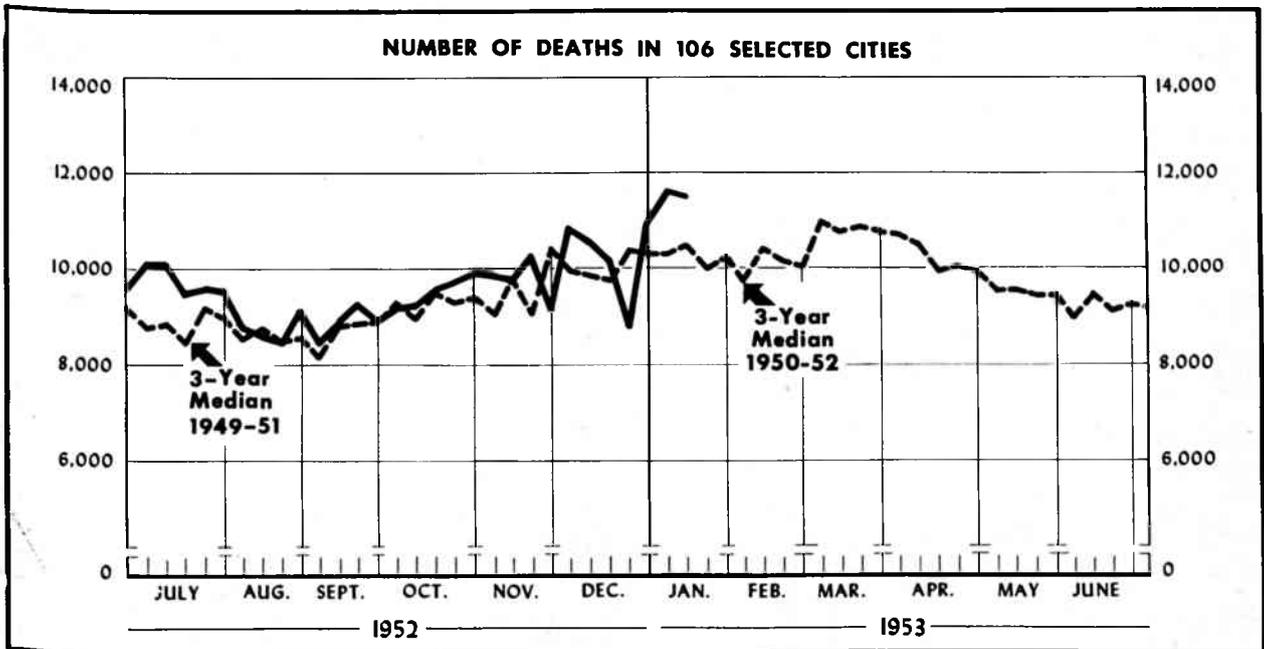
Weekly Morbidity Report

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
JANUARY 17, 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)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Typhemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston		2		4	3		1		27					2	
Bridgeport					3				4						
Cambridge															
Fall River														5	
Hartford														1	
Lowell					1										
Lynn									1						
New Bedford									5						
New Haven				5					8						
Portland, Me.				17	1				2						
Providence									15						
Scamerville									3						
Springfield, Mass.							1		6					6	
Waterbury									3						
Worcester				10					10					4	
MIDDLE ATLANTIC															
Albany															
Buffalo															
Camden					1										
Elizabeth					1				2						
Erie					6				5						
Jersey City					1				3						
Newark, N. J.					2	1			3					16	
New York City	1		1	6	39	2	6		54					44	
Paterson					2				4					2	
Philadelphia	1	2		13	7	3			22					18	
Pittsburgh					1	2			13					4	
Reading					3				2						
Rochester, N. Y.															
Schenectady															
Syracuse															
Trenton					2									1	
Utica															
Yonkers															
EAST NORTH CENTRAL															
Akron															
Canton				1	5	1								5	
Chicago					41	5	2		65					1	
Cincinnati		1			8	5			19						
Cleveland					8	1			31					8	
Columbus				1	35	1			6						
Dayton									2						
Detroit		1							2						
Evansville			2	2	14	4	2		45					11	
Flint				1					35						
Fort Wayne					23				16					1	
Grand Rapids					1				1					1	
Indianapolis					1				8						
Milwaukee					1	1			13					9	
Milwaukee					111				32					7	
Peoria		1		1	6				6					1	
South Bend					1				5						
Toledo															
Youngstown					3				1					5	
WEST NORTH CENTRAL															
Des Moines				6	1				4						
Duluth					1				3						
Kansas City, Kans.					3						1				
Kansas City, Mo.				2	54				19					3	
Minneapolis				2	167	2	1		14						
Omaha															
St. Louis					53	3	5		14					1	1
St. Paul					4		3		4						
Wichita					282				5						

Provisional Statistics for Deaths in Selected Cities for
Week Ended January 17, 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	2d week ended Jan. 17, 1953	1st week ended Jan. 10, 1953	2d week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 2 WEEKS		
					1953	1952	Percentage difference
TOTAL:102 REPORTING CITIES-----	11,376	11,537	10,291	+10.5	22,913	21,191	+8.1
New England----- (13 cities)	731	698	634	+15.3	1,429	1,342	+6.5
Middle Atlantic----- (16 cities)	3,265	3,218	3,124	+4.5	6,483	6,458	+0.4
East North Central----- (18 cities)	2,517	2,458	2,263	+11.2	4,975	4,294	+15.9
West North Central----- (9 cities)	928	882	812	+14.3	1,810	1,662	+8.9
South Atlantic----- (8 cities)	791	872	684	+15.6	1,663	1,440	+15.5
East South Central----- (7 cities)	557	493	495	+12.5	1,050	937	+12.1
West South Central----- (13 cities)	845	1,011	791	+6.8	1,856	1,639	+13.2
Mountain----- (6 cities)	264	319	201	+31.3	583	438	+33.1
Pacific----- (12 cities)	1,478	1,586	1,483	-0.3	3,064	2,981	+2.8

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
JANUARY 17, 1953

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

CITY	2d week ended Jan. 17, 1953	1st week ended Jan. 10, 1953	CUMULATIVE NUMBER FOR FIRST 2 WEEKS		CITY	2d week ended Jan. 17, 1953	1st week ended Jan. 10, 1953	CUMULATIVE NUMBER FOR FIRST 2 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	251	220	471	467	St. Paul-----	80	94	174	149
Bridgeport-----	30	39	69	71	Wichita-----	52	49	101	94
Cambridge-----	34	35	69	63	SOUTH ATLANTIC				
Fall River-----	30	24	54	55	Atlanta-----	112	140	252	195
Hartford-----	54	46	100	86	Baltimore-----	264	251	515	490
Lowell-----	22	26	48	56	Charlotte-----	26	47	73	66
Lynn-----	26	26	52	44	Miami-----	58	66	124	126
New Bedford-----	24	29	53	54	Norfolk-----	52	36	88	62
New Haven-----	50	56	106	94	Richmond-----	---	(80)	---	(142)
Providence-----	72	79	151	118	Tampa-----	68	76	144	137
Somerville-----	---	(20)	---	(30)	Washington, D. C.-----	182	233	415	283
Springfield, Mass.-----	43	32	75	72	Wilmington, Del.-----	29	23	52	81
Waterbury-----	29	34	63	60	EAST SOUTH CENTRAL				
Worcester-----	66	52	118	102	Birmingham-----	89	99	168	161
MIDDLE ATLANTIC					Chattanooga-----	37	53	90	119
Albany-----	68	54	122	53	Knoxville-----	36	38	74	58
Buffalo-----	150	169	319	308	Louisville-----	138	91	229	233
Camden-----	35	41	76	86	Memphis-----	164	112	276	206
Elizabeth-----	29	19	48	33	Mobile-----	31	38	69	53
Erie-----	---	(54)	---	(75)	Montgomery-----	(48)	(39)	(87)	(66)
Jersey City-----	77	85	160	160	Nashville-----	62	62	124	107
Newark, N. J.-----	93	163	256	312	WEST SOUTH CENTRAL				
New York City-----	1,741	1,797	3,538	3,493	Austin-----	22	30	52	49
Paterson-----	38	40	78	88	Baton Rouge-----	13	12	25	30
Philadelphia-----	528	403	931	980	Corpus Christi-----	17	27	44	33
Pittsburgh-----	192	177	369	365	Dallas-----	116	125	241	195
Rochester, N. Y.-----	111	101	212	192	El Paso-----	33	36	69	63
Schenectady-----	23	26	49	60	Fort Worth-----	68	81	149	118
Syracuse-----	56	66	122	102	Houston-----	128	180	308	260
Trenton-----	74	30	104	101	Little Rock-----	44	56	100	101
Utica-----	31	24	55	58	New Orleans-----	180	162	342	331
Yonkers-----	19	25	44	67	Oklahoma City-----	59	77	136	130
EAST NORTH CENTRAL					San Antonio-----	101	92	193	149
Akron-----	63	73	136	145	Shreveport-----	46	62	108	78
Canton-----	28	29	57	81	Tulsa-----	18	71	89	102
Chicago-----	890	757	1,637	1,138	MOUNTAIN				
Cincinnati-----	164	177	341	326	Albuquerque-----	42	39	81	54
Cleveland-----	206	229	435	422	Colorado Springs-----	20	23	43	30
Columbus-----	127	102	229	208	Denver-----	121	154	275	223
Dayton-----	75	66	141	126	Ogden-----	17	18	35	21
Detroit-----	358	386	744	587	Phoenix-----	---	(22)	---	(44)
Evansville-----	43	34	77	69	Pueblo-----	14	26	40	21
Flint-----	34	46	80	85	Salt Lake City-----	50	59	109	89
Fort Wayne-----	39	35	74	60	Tucson-----	(5)	(6)	(11)	(10)
Grand Rapids-----	47	38	85	72	PACIFIC				
Indianapolis-----	115	127	242	263	Berkeley-----	22	25	47	51
Milwaukee-----	115	156	271	260	Long Beach-----	55	56	111	109
Peoria-----	38	26	64	91	Los Angeles-----	495	592	1,077	1,102
South Bend-----	29	17	46	58	Oakland-----	110	122	232	258
Toledo-----	99	107	206	205	Pasadena-----	37	45	82	78
Youngstown-----	57	53	110	100	Portland, Oreg.-----	128	103	231	247
WEST NORTH CENTRAL					Sacramento-----	71	57	128	107
Des Moines-----	68	47	115	106	San Diego-----	100	82	182	173
Duluth-----	20	48	68	48	San Francisco-----	262	253	515	448
Kansas City, Kans.-----	47	44	91	68	Seattle-----	123	157	280	247
Kansas City, Mo.-----	157	99	256	272	Spokane-----	49	50	99	77
Minneapolis-----	155	144	299	250	Tacoma-----	36	44	80	84
Omaha-----	91	74	165	152	Honolulu-----	(40)	(42)	82	(64)
St. Louis-----	258	283	541	523					

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