

# Morbidity and Mortality

Weekly  
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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March 7, 1952

## Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended March 1, 1952

The number of cases of measles reported for the current week (29,485) is about 30 percent above the figure for the previous week (22,594), and nearly double the number reported for the same week of 1951 (16,848). All geographical areas except the East North Central and West South Central regions participated in the increase. For the current week about three-fourths of the total were in the New England, Middle Atlantic, and East North Central States.

### EPIDEMIOLOGICAL REPORTS

#### Psittacosis

Dr. G. W. Cox, Texas State Health Officer, has made a preliminary report of an outbreak of psittacosis which occurred in January among workers employed in a poultry packing house. Epidemiological studies have been made on all known or suspected cases and workers with no signs of illness. Laboratory tests have confirmed the diagnosis in 29 persons. Ten other cases are thought to have had the disease, but follow-up studies in this group are not yet completed. Four deaths have occurred. (In 1948 an outbreak of psittacosis occurred under similar conditions in a poultry processing plant in Giddings, Texas, where 22 cases with 3 deaths were found among 78 employees. Discharges from a group of turkeys were considered to be the most probable source of infection. See American Journal of Public Health, August 1951.)

Dr. N. H. Dyer, West Virginia Director of Health, reports that a single parakeet which was purchased recently near Miami, Florida, and transported by the new owner to his home in West Virginia, became ill on February 28. The symptoms noted were ruffled feathers and diarrhea. A veterinarian has sent the bird to a laboratory for diagnosis.

#### Influenza

The following reports have been received by the Influenza Information Center, N. I. H.

Dr. Irving Gordon, New York State Department of Health, reports a significant rise in titer by the complement fixation test for influenza B (Lee) in 4 individuals at the Wassaic State School, Wassaic, New York, having onset February 1, 1952. Another patient from Schenevus having onset January 30 also showed a significant serologic rise for influenza B. Of two paired sera obtained in Maryland, New York, one showed a significant rise in titer with the A-Prime strain (A/Albany 1/51).

Dr. Morris Schaeffer, Communicable Disease Center Laboratory, Montgomery, Alabama, reports that three hemagglutinating agents have been recovered from throat washings taken in Little Rock, Arkansas. Studies are not complete but they appear to be influenza B virus. Hemagglutination inhibition tests on five paired sera showed a significant rise in titer for influenza B and not for A, A-Prime, or C.

Dr. Edwin H. Lennette, California State Health Department Virus Laboratory, reports a significant rise in titer by the complement fixation test for influenza B in a patient from Tulare County having onset January 29 and in another patient from Alameda County having onset February 2.

The Division of Preventive Medicine, Office of the Surgeon General, U. S. Army, has reported that of 19 paired sera tested by the hemagglutination inhibition test from a military installation in Missouri, 7 had a significant rise in titer for influenza B (Lee). The cases had their onset in the second week of February. Of 8 paired serum specimens from patients at Chanute Air Force Base, Illinois, 4 showed a significant rise by the hemagglutination inhibition test for influenza B. The first serum samples were all taken on February 8 and the second samples on February 20.

Three paired sera obtained from cases in the Washington, D. C. area and one paired sera from an Air Force Base in Pennsylvania also showed a significant rise in titer for influenza B (Lee). The onset of these cases was about the middle of February.

Dr. Robert Hansen, Kentucky Department of Health, states that nearly 16,000 cases of an influenza-like disease have been reported since January 5. The first cases occurred in the southwest portion of the State and fanned out in a northeasterly direction so that most counties have been affected. No reports are as yet available on serologic testing of sera which have been collected.

The number of deaths from influenza and pneumonia reported by 58 cities was 268 for the week ended February 23 as compared with 308 for the previous week. The numbers reported by geographic areas, with figures for the previous week in parentheses, were: New England, 15 (24); Middle Atlantic, 99 (114); East North Central, 37 (44); West North Central, 28 (15); South Atlantic, 30 (26); East South Central, 12 (18); West South Central, 13 (28); Mountain, 9 (15); and Pacific, 25 (24).

#### Streptococcal Disease

The Division of Preventive Medicine, Bureau of Medicine and Surgery, United States Navy, reports that the streptococcal disease outbreak at the Naval Training Center, Bainbridge, Maryland, is under control. The predominating type has been Type 12 but a few strains of Types 17 and 19 were discovered for the first time last week. Types 17 and 19 were associated in the past with rheumatic fever. Type 12 infection at the present time appears to be complicated by nephritis.

#### Infectious Hepatitis

Dr. Robert Hansen, Kentucky Department of Health, states that 375 cases of infectious hepatitis have been reported from numerous counties in Kentucky since December. An undue prevalence of this disease was noted in Harlan County and appeared to offer an opportunity for a control study on the prophylactic merits of gamma globulin. However, the epidemic was waning and since gamma globulin had been used indiscriminately it was decided that no useful purpose would be served in proceeding with the study. The investigation did uncover 250 confirmed icteric cases dating from October 1951, but only 15 cases actually had been reported.

#### Gastro-enteritis.

F. A. Korff, Baltimore Health Department, reports that an outbreak of gastro-enteritis occurred in a group of 110 who attended a club luncheon. Between 45 and 50 persons became ill within 4 hours after eating the meal which included sliced ham.

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The hams were baked for 3 hours and some were sliced and permitted to remain in the kitchen for 18 hours without refrigeration. Laboratory examination of specimens of sliced ham showed a heavy growth of an enterotoxin-producing staphylococcus and only a few organisms in unsliced portions of this meat.

## Communicable Diseases in Other Areas

Additional information from the American Embassy in London indicates that the outbreak of smallpox in Rochdale and Millrow, England, probably had its beginning about the first of December 1951, since which time 5 generations of cases have been uncovered. Forty-five cases have been found, all of them mild, with

no deaths. The origin of the outbreak is obscure and no direct evidence of importation has been obtained. A smaller but similar outbreak occurred in the same area in 1914. Practically all of the cases in the present outbreak have been in unvaccinated persons but in a few cases there was a history of vaccination in infancy but none since.

A fatal case of jungle yellow fever, confirmed by post-mortem laboratory examination, has been reported from Punta Burica, Republic of Panama. The locality where this patient lived is on the Pacific side of the country near the Costa Rican border. This is the fourth case recognized in the Pacific coastal area of Central America in the past 6 months.

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
	Mar. 1, 1952	Mar. 3, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	2	1	(1)	(1)	(1)	(1)	7	15	12
Brucellosis (undulant fever)----044	37	---	---	(1)	(1)	(1)	(1)	301	---	---
Diphtheria-----055	69	88	144	July 1	2,856	3,833	6,846	675	865	1,635
Encephalitis, acute infectious--082	18	19	15	(1)	(1)	(1)	(1)	180	105	80
Hepatitis, infectious, and serum-----092, N998.5 pt.	648	---	---	(1)	(1)	(1)	(1)	4,428	---	---
Malaria-----110-117	25	---	---	(1)	(1)	(1)	(1)	273	---	---
Measles-----085	29,465	16,848	16,848	Sept. 1	225,337	130,946	130,946	173,160	102,245	102,245
Meningococcal infections-----057	125	132	91	Sept. 1	2,204	2,035	1,790	1,049	991	782
Poliomyelitis, acute-----080	86	87	52	Apr. 1	28,413	33,179	28,071	1,041	1,084	796
Rocky Mountain spotted fever---104A	1	-	2	(1)	(1)	(1)	(1)	7	2	6
Scarlet fever and streptococcal sore throat-----050,051	4,052	2,586	2,586	Aug. 1	41,624	36,272	42,363	25,713	20,324	20,711
Trichiniasis-----128	5	---	---	(1)	(1)	(1)	(1)	32	---	---
Tularemia-----059	12	15	20	(1)	(1)	(1)	(1)	147	129	206
Typhoid fever-----040	31	29	32	Apr. 1	2,063	2,350	2,857	278	252	312
Typhus fever, endemic-----101	-	---	---	Apr. 1	---	---	---	17	---	---
Whooping cough-----056	1,082	1,734	2,142	Oct. 1	24,699	36,449	43,996	10,514	14,847	20,136
Rabies in animals-----	191	128	---	(1)	(1)	(1)	(1)	1,535	1,123	---

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

Alaska: Measles, 15 (-); scarlet fever, 3 (1).

Hawaii: Measles, 259 (7); meningitis, 1 (-); poliomyelitis, 1 (1); scarlet fever, 2 (-).

Puerto Rico: Diphtheria, 8 (7); measles, 23 (103); poliomyelitis, 1 (1); typhoid fever, 1 (1); whooping cough, 36 (10); Rabies in animals, 1.

## 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 MARCH 1, 1952

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

AREA	DIPHTHERIA (055)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIO MYELITIS, 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	
	Mar. 1, 1952	Mar. 3, 1951	Mar. 1, 1952	Mar. 3, 1951	Mar. 1, 1952	Mar. 3, 1951	Mar. 1, 1952	Mar. 3, 1951	Mar. 1, 1952	Mar. 3, 1951	Mar. 1, 1952	Mar. 3, 1951
UNITED STATES-----	69	88	29,465	16,648	125	132	86	87	4,052	2,586	31	29
NEW ENGLAND-----	4	1	6,929	899	5	3	2	-	190	215	-	-
Maine-----	-	-	807	2	-	-	-	-	13	13	-	-
New Hampshire-----	-	-	103	120	-	-	-	-	11	7	-	-
Vermont-----	-	-	280	217	-	1	1	-	3	4	-	-
Massachusetts-----	3	1	3,753	476	3	1	-	-	89	143	-	-
Rhode Island-----	-	-	372	2	1	-	-	-	12	10	-	-
Connecticut-----	1	-	1,614	82	1	1	1	-	62	38	-	-
MIDDLE ATLANTIC-----	8	13	11,215	2,177	14	14	4	13	912	407	4	8
New York-----	5	7	4,444	775	6	6	3	9	566	223	4	4
New Jersey-----	-	1	3,460	479	-	1	-	1	153	57	-	2
Pennsylvania-----	3	5	3,311	923	8	7	1	3	193	127	-	2
EAST NORTH CENTRAL-----	4	4	4,218	3,141	18	19	4	5	1,244	816	2	2
Ohio-----	1	-	749	850	6	10	-	-	317	255	-	-
Indiana-----	2	3	296	157	2	-	-	2	173	64	-	1
Illinois-----	-	-	1,454	584	8	3	1	2	177	116	2	1
Michigan-----	1	1	1,436	674	2	3	1	1	459	314	-	-
Wisconsin-----	-	-	1,283	876	-	3	2	-	118	67	-	-
WEST NORTH CENTRAL-----	5	4	718	927	4	8	2	6	262	140	1	3
Minnesota-----	1	2	27	91	-	3	-	-	56	32	-	-
Iowa-----	1	-	105	44	1	1	-	3	20	15	-	2
Missouri-----	2	1	76	392	2	1	-	-	25	56	1	-
North Dakota-----	-	-	39	93	-	1	-	-	26	7	-	-
South Dakota-----	-	-	2	26	-	1	2	-	1	-	-	-
Nebraska-----	1	-	174	27	-	-	-	1	96	7	-	1
Kansas-----	-	1	295	254	1	1	-	2	38	23	-	-
SOUTH ATLANTIC-----	13	24	2,457	1,228	34	26	6	20	298	224	4	2
Delaware-----	-	1	19	54	-	-	-	-	4	5	-	-
Maryland-----	1	-	548	78	4	2	-	1	53	30	-	1
District of Columbia-----	1	-	128	49	-	-	-	-	7	20	-	-
Virginia-----	2	4	565	350	2	5	-	2	63	34	1	-
West Virginia-----	-	5	212	144	3	1	-	2	42	13	1	-
North Carolina-----	2	7	167	209	11	6	1	4	90	78	-	-
South Carolina-----	-	2	138	16	2	4	-	-	10	8	-	1
Georgia-----	7	5	532	303	9	9	4	8	14	27	-	-
Florida-----	-	-	148	25	3	1	1	3	15	9	2	-
EAST SOUTH CENTRAL-----	10	10	2,076	409	8	18	5	3	192	101	11	5
Kentucky-----	3	4	514	171	2	10	1	-	81	39	1	2
Tennessee-----	3	-	307	53	4	3	-	-	108	52	1	1
Alabama-----	2	1	1,219	16	1	3	2	1	5	1	1	2
Mississippi-----	2	5	36	169	1	2	2	2	-	9	8	-
WEST SOUTH CENTRAL-----	18	28	360	3,912	16	20	34	7	294	96	4	7
Arkansas-----	1	4	66	273	1	1	2	-	50	5	1	1
Louisiana-----	-	4	6	215	2	2	10	5	-	10	2	-
Oklahoma-----	4	1	40	364	1	3	-	-	16	28	-	1
Texas-----	13	19	248	3,060	12	14	22	2	228	53	1	5
MOUNTAIN-----	-	1	543	1,665	4	4	5	5	227	154	2	-
Montana-----	-	-	138	80	2	-	-	-	11	1	-	-
Idaho-----	-	-	13	55	-	-	1	-	12	27	-	-
Wyoming-----	-	-	5	35	-	-	-	-	3	-	-	-
Colorado-----	-	-	135	883	1	3	1	4	13	16	-	-
New Mexico-----	-	-	38	51	1	-	2	-	5	3	1	-
Arizona-----	-	1	64	485	-	1	-	-	123	8	1	-
Utah-----	-	-	148	61	-	-	-	1	57	98	-	-
Nevada-----	-	-	2	15	-	-	1	-	3	1	-	-
PACIFIC-----	7	3	949	2,490	22	18	24	28	433	433	3	2
Washington-----	3	1	126	676	4	1	5	-	64	127	-	1
Oregon-----	1	1	61	33	1	2	2	3	78	61	-	1
California-----	3	1	762	1,781	17	15	17	25	291	245	3	-

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 1, 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, W998.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Mar. 1, 1952	Mar. 3, 1951											
UNITED STATES-----	1,082	1,734	-	37	18	648	25	1	-	5	12	-	191
NEW ENGLAND-----	129	121	-	1	3	5	-	-	-	-	-	-	-
Maine-----	9	32	-	-	-	2	-	-	-	-	-	-	-
New Hampshire-----	10	6	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	9	11	-	1	-	-	-	-	-	-	-	-	-
Massachusetts-----	75	42	-	-	3	2	-	-	-	-	-	-	-
Rhode Island-----	12	20	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	15	8	-	-	-	1	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	134	240	-	-	6	57	2	-	-	5	-	-	21
New York-----	59	93	-	-	5	32	-	-	-	3	-	-	3
New Jersey-----	35	61	-	-	1	-	-	-	-	2	-	-	-
Pennsylvania-----	40	86	-	-	-	25	2	-	-	-	-	-	18
EAST NORTH CENTRAL-----	159	257	-	4	2	40	2	-	-	-	1	-	24
Ohio-----	43	69	-	-	-	23	-	-	-	-	-	-	5
Indiana-----	1	7	-	-	-	9	-	-	-	-	-	-	2
Illinois-----	31	12	-	2	2	-	-	-	-	-	1	-	7
Michigan-----	34	92	-	1	-	6	-	-	-	-	-	-	8
Wisconsin-----	50	77	-	1	-	2	2	-	-	-	-	-	2
WEST NORTH CENTRAL-----	22	79	-	12	-	47	1	-	-	-	1	-	18
Minnesota-----	4	24	-	4	-	7	1	-	-	-	-	-	6
Iowa-----	8	12	-	-	-	16	-	-	-	-	-	-	-
Missouri-----	5	8	-	-	-	9	-	-	-	-	-	-	2
North Dakota-----	-	4	-	1	-	1	-	-	-	-	-	-	7
South Dakota-----	1	3	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	1	-	-	-	-	-	-	1	-	3
Kansas-----	4	28	-	1	-	14	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	149	266	-	5	1	178	6	1	-	-	3	-	46
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	5	14	-	-	-	2	1	-	-	-	-	-	-
District of Columbia-----	-	4	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	24	83	-	-	-	28	1	-	-	*	-	-	17
West Virginia-----	75	47	-	-	-	51	-	-	-	-	-	-	1
North Carolina-----	8	69	-	-	-	9	-	-	-	-	2	-	4
South Carolina-----	8	8	-	2	-	1	-	-	-	-	-	-	7
Georgia-----	11	32	-	3	1	85	4	-	-	-	-	-	15
Florida-----	18	9	-	-	-	2	-	1	-	-	1	-	2
EAST SOUTH CENTRAL-----	71	58	-	1	3	266	-	-	-	-	2	-	35
Kentucky-----	11	16	-	-	-	205	-	-	-	-	-	-	16
Tennessee-----	31	5	-	1	3	27	-	-	-	-	2	-	7
Alabama-----	21	32	-	-	-	32	-	-	-	*	-	-	3
Mississippi-----	8	5	-	-	-	2	-	-	-	*	-	-	9
WEST SOUTH CENTRAL-----	284	550	-	2	3	10	9	-	-	-	4	-	42
Arkansas-----	2	52	-	-	1	6	2	-	-	-	2	-	8
Louisiana-----	-	1	-	-	-	-	-	-	-	-	1	-	-
Oklahoma-----	9	31	-	1	1	4	1	-	-	-	1	-	3
Texas-----	273	468	-	1	1	-	6	-	-	*	-	-	31
MOUNTAIN-----	63	110	-	2	-	17	2	-	-	-	1	-	4
Montana-----	2	9	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	-	3	-	-	-	2	-	-	-	-	-	-	-
Wyoming-----	2	4	-	-	-	-	-	-	-	-	1	-	-
Colorado-----	-	11	-	-	-	7	2	-	-	-	-	-	-
New Mexico-----	2	17	-	1	-	-	-	-	-	-	-	-	-
Arizona-----	32	56	-	1	-	3	-	-	-	-	-	-	4
Utah-----	25	10	-	-	-	5	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	71	53	-	10	-	28	3	-	-	-	-	-	1
Washington-----	2	12	-	5	-	3	-	-	-	-	-	-	-
Oregon-----	5	6	-	-	-	2	-	-	-	-	-	-	-
California-----	64	35	-	5	-	23	3	-	-	-	-	-	1

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

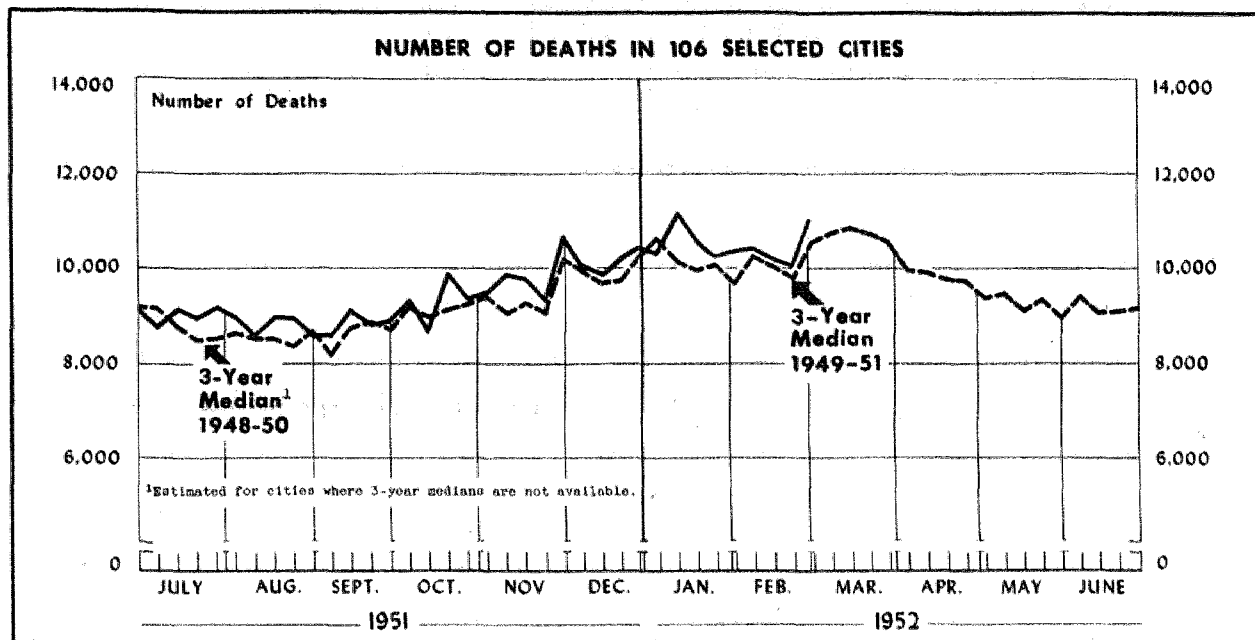
MARCH 1, 1952

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

AREA	Brucellosis (undulant fever) (044)	Diphtheria (065)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (082, #998.5 pt.)	Measles (085)	Meningococcal infections (087)	Polioyelitis, 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>TOTAL: 93 cities--</b>	1	21	7	67	9,314	49	6	-	882	1	1	7	-	200	10	
<b>NEW ENGLAND</b>																
Boston-----		3		1	276				24						15	
Bridgeport-----					77				4							
Cambridge-----					255	1			1						3	
Fall River-----					237											
Hartford-----			1		45	1			4							
Lowell-----					33											
Lynn-----					27	1										
New Bedford-----					11				4							
New Haven-----					13				1							
Portland, Me.-----					269										3	
Providence-----					152	1			12							
Somerville-----					64				6							
Springfield, Mass.-----					164	1			2			1			2	
Waterbury-----					23				12							
Worcester-----				1	128				6						3	
<b>MIDDLE ATLANTIC</b>																
Albany-----																
Buffalo-----					2				11							
Camden-----					23											
Elizabeth-----					105				1							
Erie-----					139				8						1	
Jersey City-----					58				7							
Newark, N. J.-----					570				13						7	
New York City-----	2		4	10	1,986	5			183	1		1			28	
Paterson-----					21				6						2	
Philadelphia-----				17	1,126	2			30						10	
Pittsburgh-----				2	19	3			25						5	
Reading-----					14				2						5	
Rochester, N. Y.-----																
Schenectady-----																
Syracuse-----																
Trenton-----					16										1	
Utica-----					74				19						1	
Yonkers-----																
<b>EAST NORTH CENTRAL</b>																
Akron-----																
Canton-----									5							
Chicago-----					673	2			38			2			15	
Cincinnati-----				12	121	6			16			1			9	
Cleveland-----		1			246				38							
Columbus-----					6				16						6	
Dayton-----																
Detroit-----				1	425	4			69						6	
Evansville-----					14				3							
Flint-----																
Fort Wayne-----					3				6							
Grand Rapids-----					338				18							
Indianapolis-----			1		91	1			21						1	
Milwaukee-----					291	3			23						16	
Peoria-----					4	2			3							
South Bend-----					7				3							
Toledo-----																
Youngstown-----					28				4							
<b>WEST NORTH CENTRAL</b>																
Des Moines-----				2		2			3							
Duluth-----									3							2
Kansas City, Kans.-----																
Kansas City, Mo.-----				1	25				6						1	
Minneapolis-----		3		3	7				10						1	
Omaha-----					63				4						2	
St. Louis-----				1	9	1			11						1	
St. Paul-----				1	5				2						1	
Wichita-----					48				2							



Provisional Statistics for Deaths in Selected Cities for Week Ended  
March 1, 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	9th week ended Mar. 1, 1952	8th week ended Feb. 23, 1952	9th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 9 WEEKS		
					1952	1951	Percentage difference
TOTAL: 104 REPORTING CITIES-----	10,760	9,713	10,315	+4.3	92,046	92,195	-0.2
New England----- (14 cities)	786	589	685	+14.7	6,186	6,695	-7.6
Middle Atlantic----- (17 cities)	3,365	2,994	3,190	+5.5	28,580	29,131	-1.9
East North Central----- (17 cities)	2,145	1,924	2,108	+1.8	18,154	18,266	-0.6
West North Central----- (9 cities)	835	663	743	+12.4	6,958	6,723	+3.5
South Atlantic----- (9 cities)	852	840	772	+10.4	7,296	6,941	+5.1
East South Central----- (7 cities)	441	449	441	0	3,976	4,021	-1.1
West South Central----- (12 cities)	796	723	802	-0.7	6,712	6,909	-2.9
Mountain----- (7 cities)	231	229	217	+6.5	2,067	1,861	+11.1
Pacific----- (12 cities)	1,309	1,262	1,334	-1.9	12,117	11,648	+4.0

## Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

MARCH 1, 1952

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

CITY	9th week ended Mar. 1, 1952	8th week ended Feb. 23, 1952	CUMULATIVE NUMBER FOR FIRST 9 WEEKS		CITY	9th week ended Mar. 1, 1952	8th week ended Feb. 23, 1952	CUMULATIVE NUMBER FOR FIRST 9 WEEKS	
			1952	1951				1952	1951
<b>NEW ENGLAND</b>					<b>WEST NORTH CENTRAL—Con.</b>				
Boston-----	288	219	2,073	2,326	St. Paul-----	66	59	585	585
Bridgeport-----	39	32	332	313	Wichita-----	43	46	413	372
Cambridge-----	44	28	313	313	<b>SOUTH ATLANTIC</b>				
Fall River-----	31	18	251	300	Atlanta-----	108	100	915	796
Hartford-----	39	34	407	441	Baltimore-----	246	257	2,220	2,184
Lowell-----	25	18	223	284	Charlotte-----	31	25	257	260
Lynn-----	30	17	222	227	Miami-----	50	69	551	529
New Bedford-----	31	18	224	221	Norfolk-----	31	35	282	292
New Haven-----	50	38	386	422	Richmond-----	106	68	659	619
Providence-----	71	54	593	616	Tampa-----	52	56	575	457
Somerville-----	18	21	160	186	Washington, D. C.-----	202	192	1,538	1,536
Springfield, Mass.-----	40	33	351	369	Wilmington, Del.-----	26	38	299	268
Waterbury-----	27	14	221	219	<b>EAST SOUTH CENTRAL</b>				
Worcester-----	53	45	450	478	Birmingham-----	74	78	648	713
<b>MIDDLE ATLANTIC</b>					Chattanooga-----	51	36	441	432
Albany-----	58	34	371	415	Knoxville-----	35	48	309	335
Buffalo-----	141	125	1,290	1,428	Louisville-----	109	116	932	883
Camden-----	41	30	334	355	Memphis-----	77	97	887	855
Elizabeth-----	45	35	354	289	Mobile-----	31	33	297	289
Erie-----	16	36	285	301	Montgomery-----	(20)	(25)	(235)	(263)
Jersey City-----	86	69	695	668	Nashville-----	64	41	462	514
Newark, N. J.-----	134	93	1,094	993	<b>WEST SOUTH CENTRAL</b>				
New York City-----	1,776	1,635	15,052	15,271	Austin-----	28	17	207	253
Paterson-----	64	35	400	362	Baton Rouge-----	15	8	140	132
Philadelphia-----	522	465	4,508	5,052	Corpus Christi-----	14	23	160	131
Pittsburgh-----	168	187	1,626	1,551	Dallas-----	91	106	842	798
Rochester, N. Y.-----	100	89	867	820	El Paso-----	24	40	265	282
Schenectady-----	27	21	219	198	Fort Worth-----	53	50	496	514
Syracuse-----	64	52	487	456	Houston-----	129	127	1,145	1,132
Trenton-----	57	37	443	444	Little Rock-----	68	38	443	388
Utica-----	32	32	272	261	New Orleans-----	192	130	1,415	1,608
Yonkers-----	36	19	263	267	Oklahoma City-----	66	50	531	522
<b>EAST NORTH CENTRAL</b>					San Antonio-----	96	79	721	783
Akron-----	56	59	538	448	Shreveport-----	---	(48)	---	(340)
Canton-----	33	25	287	239	Tulsa-----	20	55	347	366
Chicago-----	757	722	6,484	6,799	<b>MOUNTAIN</b>				
Cincinnati-----	152	144	1,317	1,361	Albuquerque-----	29	21	226	225
Cleveland-----	---	(256)	---	(1,887)	Colorado Springs-----	12	16	107	105
Columbus-----	136	95	954	940	Denver-----	113	125	981	902
Dayton-----	73	58	552	563	Ogden-----	14	8	110	82
Detroit-----	330	320	2,814	2,942	Phoenix-----	16	21	193	170
Evansville-----	35	30	310	261	Pueblo-----	11	8	98	68
Flint-----	32	39	332	273	Salt Lake City-----	36	30	352	309
Fort Wayne-----	29	32	267	310	Tucson-----	(5)	(6)	(54)	(58)
Grand Rapids-----	45	27	347	350	<b>PACIFIC</b>				
Indianapolis-----	133	94	1,028	968	Berkeley-----	30	11	195	162
Milwaukee-----	124	101	1,093	1,046	Long Beach-----	61	43	462	449
Peoria-----	40	23	306	267	Los Angeles-----	390	597	4,441	4,214
South Bend-----	25	20	211	245	Oakland-----	111	77	979	890
Toledo-----	104	90	863	888	Pasadena-----	40	19	313	292
Youngstown-----	41	45	451	366	Portland, Ore.-----	94	79	975	986
<b>WEST NORTH CENTRAL</b>					Sacramento-----	54	46	439	451
Des Moines-----	56	59	482	462	San Diego-----	98	63	727	623
Duluth-----	29	20	209	234	San Francisco-----	231	186	1,856	1,851
Kansas City, Kans.-----	34	39	345	336	Seattle-----	122	108	1,064	1,049
Kansas City, Mo.-----	125	118	1,081	1,009	Spokane-----	43	27	349	363
Minneapolis-----	128	74	1,077	1,048	Tacoma-----	35	26	317	318
Omaha-----	64	59	567	499	Honolulu-----	(41)	(32)	(302)	(306)
St. Louis-----	290	209	2,199	2,178					

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