

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended May 24, 1952

The incidence of poliomyelitis in the United States has been increasing slowly during the past few weeks. For the current week 145 cases were reported as compared with 122 for the previous week. The corresponding figure for last year was 88 and the 5-year median, 102. Since the beginning of the "disease year," which started with the week ended April 5, a total of 729 cases has been reported. Half of these cases (365) were in California and Texas. The corresponding total for last year was 562, and California and Texas reported less than a third (176) of these cases. There seems to be no concentration in any local areas of the above mentioned States, except as noted in the Communicable Disease Summary, for the week ended May 10. While there has been a gradual increase in other States in the past few weeks, there is as yet no evidence of a localized concentration of cases. For the "disease year," 24 cases have occurred in Hawaii as compared with only 1 for the corresponding period of 1951.

The incidence of Rocky Mountain spotted fever has been essentially the same this year, 45 cases since January 1, as compared with the same period last year, when there were 46 cases. Since March 1, about 60 percent of the cases have been reported in the Mountain and Pacific States. In this period 10 cases have been reported in Wyoming, 6 in Idaho, 3 in Oregon, and 1 each in Montana, Colorado, and Utah. In the Middle Atlantic States, Virginia has reported 4 cases and North Carolina 3. The peak of incidence is usually reached in May in the Mountain and Pacific States, and in July in the Middle Atlantic.

Eight to 12 cases of Colorado tick fever were reported in Nevada.

EPIDEMIOLOGICAL REPORTS

Smallpox

Dr. C. W. Meinershagen, Missouri Department of Public Health and Welfare, reports that a suspect case of smallpox is under investigation in Columbia. The onset was May 13 with 2 days of severe prodromal symptoms followed by extensive generalized vesicular eruption. Laboratory studies are under way.

Dr. Milton Feig, Wisconsin Board of Health, has supplied information on a case suspected of being smallpox. The patient a 26-year old woman, had traveled with her husband and 2 children from Memphis, Tennessee, to Chippewa Falls, Wisconsin. Two days after arrival in Wisconsin the patient became ill with generalized aches, back pain, and some fever. Rash appeared the next day, but the patient did not appear very ill. Six days after onset the temperature rose to 105 degrees, areas about the skin lesions became hemorrhagic, petechiae developed, and the patient died. One daughter developed what was presumed to be chicken pox 2 weeks before leaving Memphis, and the second daughter developed an eruption typical of chicken pox 2 days after the mother became ill. Material removed from the body of the mother yielded a positive Paul's test which is regarded as substantiating a diagnosis of smallpox. The test was negative on specimens taken from the second child who had chicken pox lesions.

Human Rabies

Dr. W. D. Schrack Jr., Pennsylvania Department of Health,

has supplied information concerning a case of rabies in an adult woman. The patient was attacked by a fox in her yard at home and bitten on the left index finger. The fox was strangled by the patient and its head sent to the State laboratory which reported that the animal was rabid. The first dose of antirabies vaccine was given 2 days following the bite, and after the seventh dose there was a severe urticaria, nausea, and profound weakness. Ten days after the biting took place the patient complained of headache. Other symptoms suggested possibility of a concomitant influenza infection which was then prevalent in the area. Antirabies vaccine was continued and about 3 weeks after being bitten the patient became very "nervous" and hysterical, followed by maniacal symptoms. The impression was that hysteria and reaction to the vaccine accounted for the patients symptoms. However, the patient died on the following day and specimens of brain tissue obtained at autopsy showed Negri bodies.

Gastro-enteritis

Dr. W. L. Halverson, Director, California Department of Public Health, reports two outbreaks of gastro-enteritis which occurred during the fourth week in April. The first outbreak was in a private residence where 18 persons ate an evening meal. Of these, 13 became ill 6 to 15 hours later. The suspected vehicles of infection were turkey and apple and cheese strudels. The turkey was not refrigerated for about 27 hours after being baked. Both the apple and cheese strudels were purchased from a market shortly past noon and taken to the residence where it remained at room temperature until served at 8:00 p.m. The only food available for laboratory test was the apple strudel which was found to contain *Streptococcus fecalis* and a coliform organism. This strudel was made from a mixture of apples, raisins, walnuts, sugar, graham cracker crumbs, and cinnamon in pie crust. The maid who was also affected did not eat any of the food on Saturday but ate ham, cheese strudel, and turkey on Sunday evening.

The other outbreak was among 5 persons who ate a noon meal in a restaurant. Four persons became ill about 3 hours after eating turkey a la king. The turkey was roasted at noon the day before and left about 8 hours to cool at room temperature before being refrigerated. The next morning it was cut and chopped. At the same time bell pepper, heated fresh milk, and heated stock were mixed together, and the cold turkey added. The turkey a la king was then placed in a double boiler and set on the grill. Specimens were taken from turkey stock and the cream base, but only the turkey showed the presence of *Staphylococcus aureus*.

Dr. R. H. Heeren, Iowa Department of Health, reports that at least 5 persons became ill after eating a noon meal in a public lunch room. The onsets of illness were about 2 hours after eating ham, the only common food eaten by this group. It was estimated that about 60 persons had eaten portions of this ham. The meat was a precooked ham purchased from a local grocery. It was baked about 2½ hours at the lunch room, then cooled for 2 hours, and put in a refrigerator. At intervals portions were sliced from the ham and put into a steam table, and some were served cold in sandwiches. An investigation by the State Hygienic Laboratory revealed the presence of *Staphylococcus aureus*.

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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
	May 24, 1952 ¹	May 26, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	2	1	2	(3)	(3)	(3)	(3)	17	36	26
Brucellosis (undulant fever)----044	37	---	---	(3)	(3)	(3)	(3)	790	---	---
Diphtheria-----055	41	56	102	July 1	3,448	4,873	8,425	1,267	1,705	3,214
Encephalitis, acute infectious--082	37	31	12	(3)	(3)	(3)	(3)	521	350	200
Hepatitis, infectious, and serum-----092,N998.5 pt.	222	---	---	(3)	(3)	(3)	(3)	7,866	---	---
Malaria-----110-117	170	---	---	(3)	(3)	(3)	(3)	1,127	---	---
Measles-----085	27,758	22,285	19,834	Sept. 1	590,591	393,074	393,074	538,414	364,373	364,373
Meningococcal infections-----057	106	64	62	Sept. 1	5,780	3,156	2,897	2,625	2,113	1,827
Polioomyelitis, acute-----080	145	88	102	Apr. 1	4,727	562	611	4,047	1,860	1,617
Rocky Mountain spotted fever---104A	9	13	13	(3)	(3)	(3)	(3)	45	46	63
Scarlet fever and streptococcal sore throat-----050,051	2,495	1,667	1,667	Aug. 1	80,016	61,626	68,238	64,105	45,678	46,678
Trichiniasis-----128	4	---	---	(3)	(3)	(3)	(3)	139	---	---
Tularemia-----059	10	17	20	(3)	(3)	(3)	(3)	277	291	421
Typhoid fever-----040	26	35	38	Apr. 1	223	239	315	622	631	794
Typhus fever, endemic-----101	3	---	---	Apr. 1	27	---	---	57	---	---
Whooping cough-----056	1,210	1,545	1,545	Oct. 1	37,443	53,895	75,347	23,258	32,281	43,471
Rabies in animals-----	160	178	---	(3)	(3)	(3)	(3)	3,867	3,221	---

¹Smallpox: Kansas, 1 case; Colorado tick fever: Nevada, 8 to 12 cases.²New York and Pennsylvania reported 1 case each.³Not computed.⁴Deduction: Nebraska, week ended May 3, 1 case.

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

Alaska: Measles, 2 (-); scarlet fever, 13 (4).

Hawaii: Measles, 24 (21); poliomyelitis, 3 (-); scarlet fever, 2 (3); whooping cough, - (2); hepatitis, infectious and serum, 1, malarial, 1.

Puerto Rico: Diphtheria, 9 (1); measles, 41 (105); typhoid fever, 3 (-); whooping cough, 37 (29); malaria, 13; 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 MAY 24, 1952

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

AREA	DIPHTHERIA (055)		MEASLES (085)		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	
	May 24, 1952	May 26, 1951	May 24, 1952	May 26, 1951	May 24, 1952	May 26, 1951	May 24, 1952	May 26, 1951	May 24, 1952	May 26, 1951	May 24, 1952	May 26, 1951
UNITED STATES-----	41	56	27,758	22,285	106	64	145	88	2,495	1,667	26	35
NEW ENGLAND-----	8	5	2,971	1,105	5	5	3	-	191	175	3	1
Maine-----	-	-	324	35	1	1	2	-	2	18	-	-
New Hampshire-----	7	-	4	17	-	1	-	-	7	6	-	-
Vermont-----	-	-	153	115	-	-	-	-	7	3	-	-
Massachusetts-----	1	5	1,361	590	2	3	1	-	104	120	2	1
Rhode Island-----	-	-	144	26	-	-	-	-	4	9	-	-
Connecticut-----	-	-	985	322	2	-	-	-	67	19	1	-
MIDDLE ATLANTIC-----	8	6	7,191	4,295	5	9	7	5	708	328	-	3
New York-----	1	2	3,059	1,828	2	7	4	4	469	180	-	-
New Jersey-----	2	2	3,106	1,011	1	-	1	-	124	55	-	-
Pennsylvania-----	5	2	1,026	1,456	2	2	2	-	115	93	-	3
EAST NORTH CENTRAL-----	3	3	7,969	4,159	30	11	10	11	645	590	6	3
Ohio-----	1	1	1,325	890	8	5	-	-	173	137	1	1
Indiana-----	2	-	347	128	-	-	-	2	31	20	-	-
Illinois-----	-	1	1,459	603	6	2	8	4	87	55	1	2
Michigan-----	-	1	1,615	849	11	3	-	2	245	351	3	-
Wisconsin-----	-	-	3,223	1,889	5	1	2	3	109	27	1	-
WEST NORTH CENTRAL-----	1	3	923	1,147	2	7	8	6	79	60	-	-
Minnesota-----	1	1	151	122	1	2	2	-	39	19	-	-
Iowa-----	-	-	157	147	-	-	1	2	14	3	-	-
Missouri-----	-	-	85	229	1	4	2	1	13	13	-	-
North Dakota-----	-	-	149	106	-	-	-	-	1	1	-	-
South Dakota-----	-	-	1	28	-	-	-	-	1	11	-	-
Nebraska-----	-	1	173	15	-	1	1	3	2	1	-	-
Kansas-----	-	1	207	502	-	-	2	-	9	12	-	-
SOUTH ATLANTIC-----	8	12	1,913	1,884	23	6	11	15	183	72	3	9
Delaware-----	-	-	30	36	1	-	1	-	2	2	-	-
Maryland-----	-	1	171	258	2	-	-	1	34	21	-	-
District of Columbia-----	-	-	27	63	2	-	-	-	7	7	-	-
Virginia-----	1	2	620	797	6	1	-	-	76	12	-	1
West Virginia-----	1	3	314	375	1	-	2	5	13	5	-	-
North Carolina-----	4	4	265	77	4	1	1	3	26	11	2	-
South Carolina-----	2	2	87	26	2	1	1	1	-	5	-	4
Georgia-----	-	-	249	125	3	2	2	1	11	2	1	1
Florida-----	-	-	150	129	2	1	4	2	14	7	-	3
EAST SOUTH CENTRAL-----	3	7	1,070	585	17	9	8	5	32	38	4	6
Kentucky-----	-	1	399	191	2	2	1	-	12	14	2	2
Tennessee-----	1	4	269	134	6	3	2	1	17	20	1	1
Alabama-----	2	2	334	237	7	4	-	2	3	2	-	2
Mississippi-----	-	-	68	23	2	-	5	2	-	2	1	1
WEST SOUTH CENTRAL-----	6	7	1,452	2,705	11	9	58	19	202	61	6	9
Arkansas-----	2	1	230	213	1	3	1	1	21	3	-	-
Louisiana-----	-	-	32	230	2	1	3	3	-	8	-	3
Oklahoma-----	-	-	88	299	3	3	7	-	7	5	-	1
Texas-----	4	6	1,102	1,963	5	2	47	15	174	45	6	5
MOUNTAIN-----	1	6	1,125	1,068	2	-	9	10	247	71	3	2
Montana-----	1	-	353	81	-	-	-	-	7	4	-	-
Idaho-----	-	-	81	126	-	-	-	4	2	8	1	1
Wyoming-----	-	-	22	79	-	-	-	-	67	1	-	-
Colorado-----	4	-	163	175	1	-	1	1	7	11	1	-
New Mexico-----	-	2	40	155	-	-	-	-	3	1	1	1
Arizona-----	-	-	114	393	1	-	4	7	102	9	-	-
Utah-----	-	-	277	56	-	-	-	-	51	25	-	-
Nevada-----	-	-	75	4	-	-	-	-	2	-	-	-
PACIFIC-----	3	7	3,144	5,337	11	8	31	19	208	272	1	2
Washington-----	-	-	210	1,025	2	-	5	4	17	28	-	-
Oregon-----	1	1	122	658	-	1	2	1	37	15	1	-
California-----	3	6	2,812	3,654	9	7	24	14	154	231	-	2

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MAY 24, 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)	Epatitis, infectious, and serum (082, N998.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	May 24, 1952	May 26, 1951											
UNITED STATES-----	1,210	1,545	-	37	37	222	170	9	1	4	10	3	160
NEW ENGLAND-----	39	71	-	4	4	8	4	-	-	-	-	-	-
Maine-----	3	21	-	-	-	4	-	-	-	-	-	-	-
New Hampshire-----	1	2	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	11	15	-	2	-	-	-	-	-	-	-	-	-
Massachusetts-----	22	10	-	1	3	4	3	-	-	-	-	-	-
Rhode Island-----	-	15	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	2	8	-	1	1	-	1	-	-	-	-	-	-
MIDDLE ATLANTIC-----	160	123	-	1	14	14	11	1	-	1	-	-	5
New York-----	64	43	-	1	11	10	2	-	-	1	-	-	3
New Jersey-----	34	51	-	-	3	-	-	-	-	-	-	-	-
Pennsylvania-----	62	29	-	-	-	4	9	1	-	-	-	-	2
EAST NORTH CENTRAL-----	148	258	-	10	8	25	15	-	-	1	-	-	23
Ohio-----	36	37	-	-	4	4	-	-	-	-	-	-	4
Indiana-----	7	56	-	3	1	5	-	-	-	-	-	-	4
Illinois-----	28	19	-	5	4	6	-	-	-	-	-	-	9
Michigan-----	29	79	-	-	3	7	2	-	-	1	-	-	6
Wisconsin-----	48	67	-	2	-	3	13	-	-	-	-	-	-
WEST NORTH CENTRAL-----	21	80	-	10	3	27	4	-	1	-	3	-	25
Minnesota-----	3	4	-	1	-	3	1	-	-	-	2	-	7
Iowa-----	1	25	-	-	-	11	2	-	-	-	-	-	10
Missouri-----	4	9	-	1	1	9	1	-	-	-	1	-	7
North Dakota-----	-	17	-	-	-	3	-	-	-	-	-	-	-
South Dakota-----	-	5	-	-	1	-	-	-	-	-	-	-	-
Nebraska-----	4	4	-	-	1	-	-	-	-	-	-	-	-
Kansas-----	9	16	-	1	-	1	-	-	1	-	-	-	1
SOUTH ATLANTIC-----	169	163	-	5	-	63	55	3	-	-	1	1	32
Delaware-----	1	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	5	5	-	-	-	7	-	-	-	-	-	-	-
District of Columbia-----	2	1	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	39	44	-	2	-	12	6	3	-	-	-	-	13
West Virginia-----	100	-	-	-	-	4	-	-	-	-	-	-	2
North Carolina-----	14	71	-	1	-	9	2	-	-	-	-	-	-
South Carolina-----	2	3	-	-	-	1	31	-	-	-	-	-	4
Georgia-----	1	24	-	2	-	23	7	-	-	1	1	1	13
Florida-----	5	15	-	-	-	7	9	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	203	180	-	2	5	43	24	2	-	-	-	-	31
Kentucky-----	161	52	-	-	-	17	20	1	-	-	-	-	7
Tennessee-----	19	31	-	2	4	12	3	1	-	-	-	-	12
Alabama-----	8	76	-	1	1	14	-	-	-	*	-	-	8
Mississippi-----	15	21	-	-	-	-	1	-	-	*	-	1	4
WEST SOUTH CENTRAL-----	296	434	-	-	2	2	35	-	-	-	2	2	34
Arkansas-----	2	48	-	-	-	2	5	-	-	-	1	-	1
Louisiana-----	1	3	-	-	-	-	-	-	-	-	-	-	-
Oklahoma-----	21	30	-	-	-	-	13	-	-	-	-	-	2
Texas-----	272	353	-	-	2	-	17	-	-	*	1	2	31
MOUNTAIN-----	62	125	-	1	1	3	7	2	-	-	4	-	1
Montana-----	9	10	-	-	-	-	-	1	-	-	-	-	-
Idaho-----	4	7	-	1	-	-	-	-	-	-	-	-	-
Wyoming-----	1	3	-	-	-	-	1	1	-	-	-	-	-
Colorado-----	11	19	-	-	-	3	4	-	-	-	3	-	-
New Mexico-----	1	20	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	36	56	-	-	1	-	-	-	-	-	-	-	1
Utah-----	-	10	-	-	-	-	2	-	-	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	112	111	-	4	-	37	15	1	-	2	-	-	9
Washington-----	2	25	-	4	-	-	1	-	-	-	-	-	-
Oregon-----	5	13	-	-	-	12	-	1	-	-	-	-	-
California-----	105	73	-	-	-	25	14	-	-	2	-	-	9

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**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
May 24, 1952**

(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 (062)	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)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
TOTAL: 93 cities--	-	5	15	43	6,980	31	34	-	600	3	-	2	-	192	15
NEW ENGLAND															
Boston-----		1			136	1	1		21			1		5	
Bridgeport-----					11				10						
Cambridge-----					11									1	
Fall River-----					15	1								1	
Hartford-----															
Lowell-----									1						
Lynn-----					20				1					3	
New Bedford-----					117				3					1	
New Haven-----					154				2						
Portland, Me.-----				3	35										
Providence-----					61				2						
Somerville-----					6				2						
Springfield, Mass.-----					3				7					2	
Waterbury-----					6	1			10						
Worcester-----					71				7						
MIDDLE ATLANTIC															
Albany-----															
Buffalo-----															
Camden-----					8										
Elizabeth-----					130				2						
Erie-----					42				4						
Jersey City-----					127									2	
Newark, N. J.-----					307				3					4	
New York City-----			9		1,269	2	1		137	1				13	
Paterson-----					114				20					2	
Philadelphia-----															
Pittsburgh-----					45	1			19					19	
Reading-----					22									3	
Rochester, N. Y.-----															
Schenectady-----															
Syracuse-----															
Trenton-----					40										
Utica-----															
Yonkers-----															
EAST NORTH CENTRAL															
Akron-----					31				12					9	
Canton-----					11										
Chicago-----			1		480	4			41					17	
Cincinnati-----					17	1			12					1	
Cleveland-----					308				38					8	
Columbus-----					33				4						
Dayton-----															
Detroit-----			1	2	350	2	1		46					3	
Evansville-----					9				7						
Flint-----					3										
Fort Wayne-----															
Grand Rapids-----					35				6						
Indianapolis-----		1			176	1			7					1	
Milwaukee-----					912		1		16					8	
Peoria-----					3				2					1	
South Bend-----					1				1						
Toledo-----					32				16					6	
Youngstown-----					23										
WEST NORTH CENTRAL															
Des Moines-----				7	6				2						
Duluth-----									4						
Kansas City, Kans.-----															
Kansas City, Mo.-----				1	60				3					1	
Minneapolis-----					58				6					2	
Omaha-----				3	13				6						
St. Louis-----					11				6					1	
St. Paul-----					12				3						
Wichita-----					206									1	

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

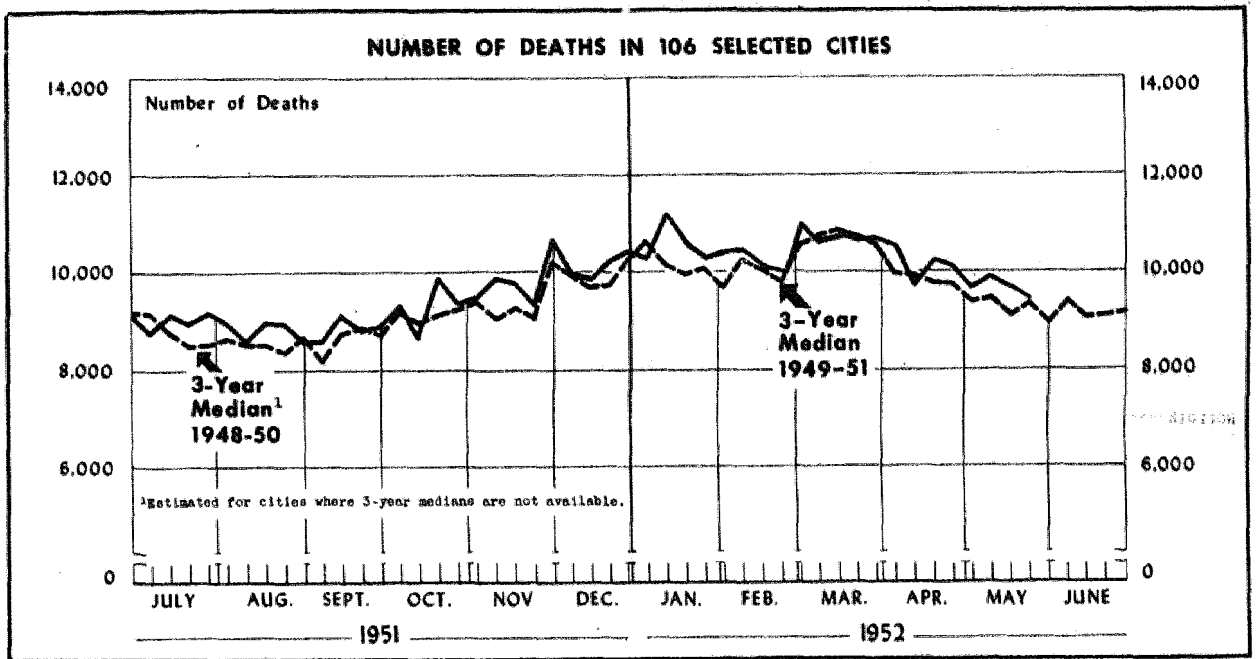
MAY 24, 1952—Continued

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

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (082, 098, 5 pt.)	Measles (085)	Meningococcal infections (057)	Pollomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050, 051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
SOUTH ATLANTIC															
Atlanta-----	1														
Baltimore-----					73	2			7					3	
Charleston, S. C.-----					11										
Charleston, W. Va.-----					82										
Charlotte-----					12				1					1	
Miami-----					34		1		1					1	
Norfolk-----					22										
Richmond-----					2				2						
Savannah-----					59										
Tampa-----					7	1			1						
Washington, D. C.-----					27	2			7					2	
Wilmington, Del.-----					13	1			1					1	
EAST SOUTH CENTRAL															
Birmingham-----					19	5									2
Chattanooga-----					2				3					1	1
Knoxville-----					2				2					1	
Louisville-----															
Memphis-----			3	2	89	1			4					3	
Mobile-----					2										
Montgomery-----					39										
Nashville-----					16				2						
WEST SOUTH CENTRAL															
Dallas-----		1					3		5						3
El Paso-----					20		2		2						
Fort Worth-----					2	1			1						
Galveston-----							2								
Houston-----		1													
Little Rock-----					11				1						
New Orleans-----		1			7		7							7	6
Oklahoma City-----					6									1	
San Antonio-----					4		4		3					13	1
Shreveport-----							1		1						
Tulsa-----					5				1						2
MOUNTAIN															
Albuquerque-----															
Boise City-----					1				7						
Colorado Springs-----					5				1						
Denver-----					12	1			3						
Ogden-----					124									6	
Phoenix-----			1		21		1		1						
Pueblo-----															
Salt Lake City-----					40										
Tucson-----				1	25				13					13	
PACIFIC															
Long Beach-----					57	1	1		2						
Los Angeles-----				14	524	2	5		21					16	
Oakland-----				3	2		1		4					3	
Portland, Ore.-----					6				2						
Sacramento-----					5				3					2	
San Diego-----					62				3					2	
San Francisco-----				1	17		1		12	2				3	
Seattle-----															
Spokane-----					15		1								
Tacoma-----															
Honolulu-----	(-)	(-)	(-)	(-)	(3)	(-)	(2)	(-)	(2)	(-)	(-)	(-)	(-)	(-)	(-)

Anthrax; Boston, Mass., 1 case.

Provisional Statistics for Deaths in Selected Cities for Week Ended
May 24, 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	21st week ended May 24, 1952	20th week ended May 17, 1952	21st week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 21 WEEKS		
					1952	1951	Percentage difference
TOTAL: 103 REPORTING CITIES-----	9,342	9,560	9,235	+1.2	213,588	213,775	-0.1
New England----- (14 cities)	639	650	625	+2.2	14,712	15,211	-3.3
Middle Atlantic----- (17 cities)	2,883	2,947	2,850	+1.2	65,188	66,044	-1.3
East North Central----- (17 cities)	2,005	1,973	2,025	-1.0	44,553	45,719	-2.6
West North Central----- (9 cities)	670	743	687	+0.4	15,958	15,486	+3.0
South Atlantic----- (9 cities)	764	696	738	+5.5	16,812	15,872	+5.9
East South Central----- (7 cities)	376	424	380	-1.1	9,109	9,166	-0.6
West South Central----- (12 cities)	634	735	710	-10.7	15,591	15,401	+1.2
Mountain----- (6 cities)	209	214	198	+5.6	4,576	4,231	+8.2
Pacific----- (12 cities)	1,162	1,178	1,137	+2.2	27,089	26,645	+1.7

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

MAY 24, 1952

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

CITY	21st week ended May 24, 1952	20th week ended May 17, 1952	CUMULATIVE NUMBER FOR FIRST 21 WEEKS		CITY	21st week ended May 24, 1952	20th week ended May 17, 1952	CUMULATIVE NUMBER FOR FIRST 21 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	231	197	5,014	5,107	St. Paul-----	62	62	1,358	1,351
Bridgeport-----	35	37	750	730	Wichita-----	42	32	847	839
Cambridge-----	29	26	672	711	SOUTH ATLANTIC				
Fall River-----	29	17	624	677	Atlanta-----	89	98	2,134	1,794
Hartford-----	41	37	955	967	Baltimore-----	257	196	5,111	4,864
Lowell-----	19	18	531	647	Charlotte-----	15	22	572	604
Lynn-----	22	21	494	480	Miami-----	47	49	1,183	1,194
New Bedford-----	21	22	507	544	Norfolk-----	27	25	645	683
New Haven-----	31	55	943	961	Richmond-----	62	58	1,487	1,375
Providence-----	54	65	1,368	1,469	Tampa-----	44	54	1,281	1,066
Somerville-----	18	10	349	387	Washington, D. C.-----	185	152	3,695	3,615
Springfield, Mass.-----	32	42	809	853	Wilmington, Del.-----	38	42	704	677
Waterbury-----	22	27	516	521	EAST SOUTH CENTRAL				
Worcester-----	58	76	1,180	1,157	Birmingham-----	52	55	1,449	1,584
MIDDLE ATLANTIC					Chattanooga-----	29	46	980	999
Albany-----	32	45	860	924	Knoxville-----	37	35	716	722
Buffalo-----	111	139	3,013	3,189	Louisville-----	80	121	2,127	2,043
Camden-----	37	43	791	747	Memphis-----	102	92	2,027	1,987
Elizabeth-----	30	30	681	666	Mobile-----	31	25	683	680
Erie-----	32	35	701	722	Montgomery-----	(32)	(27)	(518)	(585)
Jersey City-----	64	70	1,569	1,550	Nashville-----	45	50	1,127	1,151
Newark, N. J.-----	106	105	2,357	2,245	WEST SOUTH CENTRAL				
New York City-----	1,530	1,578	34,312	34,228	Austin-----	14	31	500	536
Paterson-----	40	33	882	835	Baton Rouge-----	---	(9)	---	(320)
Philadelphia-----	459	446	10,322	11,295	Corpus Christi-----	11	22	360	270
Pittsburgh-----	171	150	3,816	3,823	Dallas-----	85	81	1,900	1,815
Rochester, N. Y.-----	90	89	2,011	1,983	El Paso-----	15	23	550	620
Schenectady-----	18	21	496	483	Fort Worth-----	44	70	1,126	1,122
Syracuse-----	55	50	1,135	1,090	Houston-----	108	122	2,471	2,347
Trenton-----	40	55	967	967	Little Rock-----	37	50	1,016	907
Utica-----	37	29	644	680	New Orleans-----	147	144	3,302	3,330
Yonkers-----	31	29	613	592	Oklahoma City-----	42	41	1,129	1,129
EAST NORTH CENTRAL					San Antonio-----	72	86	1,610	1,727
Akron-----	62	55	1,177	1,107	Shreveport-----	31	32	818	820
Canton-----	24	22	607	602	Tulsa-----	28	33	818	778
Chicago-----	704	695	15,345	16,003	MOUNTAIN				
Cincinnati-----	125	157	3,110	3,254	Albuquerque-----	22	31	528	531
Cleveland-----	208	197	4,470	4,604	Colorado Springs-----	9	12	258	221
Columbus-----	---	(108)	---	(2,122)	Denver-----	105	95	2,220	2,067
Dayton-----	46	62	1,292	1,291	Ogden-----	14	13	271	228
Detroit-----	512	296	6,509	7,001	Phoenix-----	20	19	454	390
Evansville-----	30	28	704	679	Pueblo-----	---	(9)	---	(194)
Flint-----	28	33	716	683	Salt Lake City-----	39	44	845	794
Fort Wayne-----	22	31	657	697	Tucson-----	(5)	(7)	(123)	(120)
Grand Rapids-----	40	45	821	858	PACIFIC				
Indianapolis-----	95	93	2,430	2,360	Berkeley-----	21	20	408	375
Milwaukee-----	118	106	2,598	2,394	Long Beach-----	37	42	1,007	990
Peoria-----	29	22	661	662	Los Angeles-----	412	402	9,875	9,658
South Bend-----	18	22	499	561	Oakland-----	93	90	2,165	2,029
Toledo-----	84	71	1,941	2,053	Pasadena-----	25	20	679	688
Youngstown-----	60	38	1,036	910	Portland, Oreg.-----	117	96	2,142	2,173
WEST NORTH CENTRAL					Sacramento-----	41	33	994	940
Des Moines-----	46	44	1,100	1,008	San Diego-----	80	67	1,605	1,417
Duluth-----	26	34	538	529	San Francisco-----	175	185	4,121	4,178
Kansas City, Kans.-----	40	35	768	802	Seattle-----	102	131	2,464	2,536
Kansas City, Mo.-----	107	115	2,471	2,523	Spokane-----	35	48	876	885
Minneapolis-----	92	137	2,502	2,445	Tacoma-----	24	44	753	776
Omaha-----	49	56	1,355	1,203	Honolulu-----	(30)	(38)	(698)	(662)
St. Louis-----	206	228	5,019	4,986					

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