

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 April 19, 1952

Although all reports for the current week have not been received it appears that the peak of measles incidence has been reached in several parts of the country, namely, in the New England, Middle Atlantic, and South Atlantic States. Since the seasonal low week about September 1, 1951, a total of 439,297 cases has been reported which does not include the States of New Hampshire, Pennsylvania, and South Dakota. The number reported for the same period 1 year ago was 271,690. The figures for other years of high incidence, i. e., the 35 weeks following September 1, were: 583,662 in 1937-38; 536,756 in 1940-41; 461,748 in 1943-44; and 425-273 in 1948-49.

Although it is usual to report annual totals of poliomyelitis cases by calendar years, incidence actually reaches its lowest point about April 1 and the next "disease year" begins with that date. During the disease year ended March 29 there were 28,692 cases reported as compared with 33,393 for the previous year. Both of these figures are cumulative totals of the cases reported weekly by the States and should be regarded as provisional. For the first 3 weeks of the new disease year there has been a total of 192 cases reported as compared with 162 for the same period of 1951, exclusive of New Hampshire, Pennsylvania, and South Dakota for both years. The States reporting the largest numbers of cases for the 3 weeks ended April 19 were: Texas, 71, Louisiana, 17, Florida, 13, California, 27, and New York, 10.

Prior to 1940 the average number of cases of Rocky Mountain spotted fever reported during the month of March was about 10 and nearly 50 in April. So far in 1952 only a total of 11 has been reported. Seven of the 11 cases have occurred in the South Atlantic States, 2 in the Mountain, and 1 each in the West North Central and Middle Atlantic States. The marked decline in numbers reported in March and April is due principally to the decreasing incidence in the Rocky Mountain area, especially in Montana, Idaho, and Wyoming. In this area the disease begins to appear in March and reaches a peak in May. The highest incidence in recent years has been in the South Atlantic States where the disease appears late in April and reaches a peak in July.

The number of deaths from influenza and pneumonia for the week ended April 12 was 254 as compared with 309 for the previous week. The numbers reported by geographical areas, with figures for the previous week in parenthesis, were: New England, 21 (24); Middle Atlantic, 96 (112); East North Central, 40 (57); West North Central, 21 (34); South Atlantic, 19 (27); East South Central, 13 (21); West South Central, 13 (11); Mountain, 8 (4); and Pacific, 23 (19).

EPIDEMIOLOGICAL REPORTS

Anthrax

Dr. F. H. Wentworth, Ohio Department of Health, has supplied the following information on anthrax in Ohio. Anthrax has continued to appear in swine in new areas of the State and 50 counties are now involved, 222 quarantine notices have been issued, and approximately 327 animals have been affected. The disease has also appeared in 8 cattle, 3 of which have been dairy cows. In the first 7 of these, the source of infection could be traced to the accidental mixing of contaminated hog feed into the cattle ration.

There is still no evidence for animal to animal spread. A total of 4 human cases has been reported. One was a laboratory worker and is considered to be a laboratory accident. The second case was a carpenter who had been working for several weeks repairing bins in a feed mill which is known to have received some of the contaminated bone meal. Both of these cases were diagnosed on the basis of positive cultures and both were treated successfully with penicillin. The third and fourth cases were farmers but there has not been as yet laboratory confirmation of the diagnosis. Cultures were obtained after institution of penicillin therapy but have not been reported upon. The Ohio Department of Agriculture has a regulation prohibiting the shipment of foreign bone meal into the State, and supplies of this material in the State can be moved only after evidence has been presented to the Department that it has been brought to a temperature sufficient to kill anthrax spores.

The Division of Microbiology of the Food and Drug Administration reports the recovery of *B. anthracis* from a sample of raw bone meal obtained from an intact bag in a Columbus, Ohio, feed manufacturing establishment, which had been imported from Belgium.

Psittacosis

Dr. R. L. Cleere, Executive Director, Colorado Department of Public Health, has supplied information on a case of psittacosis in a 55-year old woman who presumably was infected while on a visit with friends in Minneapolis. The parakeet to which the patient was exposed was the same bird that infected 2 other individuals in Minneapolis, as reported in the Communicable Disease Summary for the week ended February 16. Exposure occurred on January 6, 9, and 13, and first symptoms were noted on January 18. The patient remained at work until January 21, and antibiotics were administered beginning 1 week later. Symptoms mentioned included fever, marked prostration, chills, hacking cough, chest pains, and excessive sweating. A blood sample drawn on February 16 was reported as "borderline in complement fixation for psittacosis"; one drawn on March 27 was positive with a titer of 1:16; and a third was positive 1:20. Two persons who attended the patient had mild infections of undetermined nature and specimens taken for laboratory tests were negative for psittacosis.

Botulism

Dr. W. L. Halverson, California Director of Public Health, has reported 3 cases of botulism with 2 deaths which occurred in Los Angeles County. The source was traced to home-canned mushrooms that had been gathered locally, cooked quickly, and packed in jars of olive oil. Laboratory tests confirmed the source of this outbreak.

Dr. S. B. Osgood, Oregon Board of Health, has supplied information on 2 cases of botulism reported for the week ended April 12. The 2 patients became ill on March 22 and 1 died on March 23 and the other on March 26. *Clostridium botulinum* was found in a sample of home-canned beets. *Botulinus* toxin type A was found in the same samples. This food had been canned by the open-kettle method. All canned vegetables remaining in the house were destroyed under the supervision of the local health department.

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Food-borne Streptococcal Sore Throat

Dr. R. L. Fowler, Massachusetts Department of Public Health, has reported an outbreak of streptococcal sore throat in a hospital housing 884 persons. A total of 82 cases with no deaths was reported. A wave of sore throats accompanied by chills, fever, malaise, and headache swept through the hospital during the week end of April 4 to 6. Epidemiological investigation revealed an attack rate of approximately 10 percent in all sections of the institution but with slightly lower rates on the medical and surgical services. Many attendants were attacked but few nurses and no doctors. Patients inclosed wards and those confined to bed did not escape. Beta-hemolytic streptococci were recovered from throat cultures of the patients. Examination of food handlers on April 3 had shown no obvious infections. Food for the "Doctors mess" is prepared separately from that for "General mess" where patients and attendants eat. It was concluded that the outbreak was food-borne but the specific item of food responsible for the transmission of infection was not determined.

Gastro-enteritis

Dr. H. T. Fuerst, New York City Department of Health, has

reported the simultaneous occurrence of gastro-enteritis in 4 separate family groups which had a common source. The food was "gefillte fish" which consists of ground fish, eggs, meal, and spices made into cakes. The cakes are cooked for about 2 hours and served cold as an aspic. There were 35 persons in the 4 family groups, and all but 2 who did not eat the fish became ill with diarrhea and cramps. The average incubation period was 10 hours. Investigation revealed that the fish was prepared at a retail establishment, where, after cooking, they were permitted to cool at room temperature for 4 hours. Some of the product was sold the same evening, the remainder being refrigerated overnight before being sold. Reports on bacteriological examination of samples of the fish and stool specimens of patients are not yet available.

Dr. J. G. Felt, Bureau of Indian Affairs, Brigham, Utah, has reported an outbreak of salmonella infection in a school for Indian children with an enrollment of about 1500. Five cases, 3 of them with a severe type of infection, were reported and 35 mild types of infection were classed as probable cases. *Salmonella typhimurium* was recovered from the stools of 2 cases. One of the cases was a girl who had recently arrived from a Reservation. The disease appeared shortly after the girl was enrolled.

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
	Apr. 19, 1952 ¹	Apr. 21, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	-	1	1	(2)	(2)	(2)	(2)	13	24	21
Brucellosis (undulant fever)----044	27	---	---	(2)	(2)	(2)	(2)	568	---	---
Diphtheria-----055	49	65	164	July 1	3,209	4,368	7,870	1,028	1,400	2,659
Encephalitis, acute infectious--002	27	19	10	(2)	(2)	(2)	(2)	365	241	137
Hepatitis, infectious, and serum--092,N998,5 pt.	200	---	---	(2)	(2)	(2)	(2)	6,888	---	---
Malaria-----110-117	41	---	---	(2)	(2)	(2)	(2)	568	---	---
Measles-----065	29,518	22,566	22,566	Sept. 1	439,297	271,690	271,690	387,120	242,989	242,989
Meningococcal infections-----057	107	95	91	Sept. 1	3,217	2,775	2,495	2,062	1,732	1,425
Polomyelitis, acute-----080	74	52	45	Apr. 1	192	182	130	1,512	1,480	1,135
Rocky Mountain spotted fever---104A	-	1	1	(2)	(2)	(2)	(2)	11	5	16
Scarlet fever and streptococcal sore throat-----05C,051	2,961	2,112	2,055	Aug. 1	366,895	52,267	58,633	350,984	36,324	36,981
Trichiniasis-----128	5	---	---	(2)	(2)	(2)	(2)	80	---	---
Tularemia-----059	18	10	16	(2)	(2)	(2)	(2)	232	220	334
Typhoid fever-----040	28	35	35	Apr. 1	77	81	87	476	473	553
Typhus fever, endemic-----101	2	---	---	Apr. 1	12	---	---	42	---	---
Whooping cough-----056	902	1,382	1,952	Oct. 1	32,063	46,215	62,971	17,878	24,602	34,858
Rabies in animals-----	191	208	---	(2)	(2)	(2)	(2)	2,898	2,269	---

¹Three cases of botulism were reported in California and one case of rabies in man was reported in Tennessee. Reports were not received from New Hampshire, Pennsylvania, and South Dakota.

²Not computed.

³Deductions: Meningococcal infections, Oklahoma, week ended April 12, 4 cases; typhoid fever, Georgia, week ended April 5, 1 case. Addition: Scarlet fever, Iowa, week ended March 29, 26 cases.

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

Alaska: Measles, 5 (-); scarlet fever, 6 (1); whooping cough, - (2); hepatitis infectious and serum, 1.

Hawaii: Measles, 69 (2); meningococcal infections, 1 (-); polomyelitis, - (1); scarlet fever, 1 (-).

Puerto Rico: Diphtheria, 7 (8); measles, 29 (60); typhoid fever, 1 (-); whooping cough, 39 (20); malaria, 1; 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 APRIL 19, 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	
	Apr. 19, 1952	Apr. 21, 1951	Apr. 19, 1952	Apr. 21, 1951	Apr. 19, 1952	Apr. 21, 1951	Apr. 19, 1952	Apr. 21, 1951	Apr. 19, 1952	Apr. 21, 1951	Apr. 19, 1952	Apr. 21, 1951
UNITED STATES-----	48	65	29,518	22,566	107	95	74	52	2,961	2,112	28	35
NEW ENGLAND-----	-	2	3,704	661	2	3	-	-	208	202	1	1
Maine-----	-	-	199	5	1	-	-	-	4	15	-	-
New Hampshire-----	-	-	---	27	---	-	---	-	---	8	---	-
Vermont-----	-	-	203	142	-	-	-	-	4	4	-	-
Massachusetts-----	-	2	1,787	368	-	2	-	-	116	144	1	1
Rhode Island-----	-	-	120	7	-	-	-	-	18	6	-	-
Connecticut-----	-	-	1,395	112	1	1	-	-	66	25	-	-
MIDDLE ATLANTIC-----	2	8	8,762	3,029	8	17	5	4	785	405	2	5
New York-----	2	1	3,991	1,110	7	9	5	3	620	217	-	1
New Jersey-----	-	1	4,781	561	1	4	-	-	165	53	2	-
Pennsylvania-----	---	6	---	1,358	---	4	---	1	---	135	---	4
EAST NORTH CENTRAL-----	3	6	6,931	3,323	23	16	6	3	863	614	3	4
Ohio-----	1	5	1,199	949	10	6	-	1	254	136	1	3
Indiana-----	1	-	359	127	-	-	1	-	94	45	2	-
Illinois-----	1	1	2,193	586	8	7	1	2	174	90	-	-
Michigan-----	-	-	1,337	433	5	1	4	-	249	274	-	-
Wisconsin-----	-	-	1,844	1,228	-	2	-	-	92	69	-	1
WEST NORTH CENTRAL-----	4	2	1,058	1,396	12	7	4	7	116	115	1	1
Minnesota-----	3	-	72	86	2	2	1	2	50	26	-	-
Iowa-----	-	-	125	110	-	1	1	-	28	17	-	-
Missouri-----	-	2	60	309	5	1	1	-	13	26	-	1
North Dakota-----	-	-	258	112	2	1	-	-	2	-	-	-
South Dakota-----	---	-	---	12	---	-	---	4	---	5	---	-
Nebraska-----	1	-	185	36	1	1	1	-	4	8	-	-
Kansas-----	-	-	358	731	2	1	-	1	21	33	1	-
SOUTH ATLANTIC-----	10	12	1,944	1,678	11	18	8	6	178	203	4	2
Delaware-----	-	-	20	21	-	1	-	1	6	2	-	-
Maryland-----	-	1	279	183	-	2	-	-	24	34	-	-
District of Columbia-----	-	-	71	90	-	1	-	-	4	30	-	-
Virginia-----	1	2	608	825	2	1	-	-	71	29	-	-
West Virginia-----	-	-	203	109	-	4	-	2	10	32	1	1
North Carolina-----	4	5	198	93	3	2	-	1	42	38	1	-
South Carolina-----	3	-	98	27	-	3	-	-	6	2	1	1
Georgia-----	2	4	236	231	4	1	4	2	5	18	-	-
Florida-----	-	-	231	100	2	3	4	-	10	19	1	-
EAST SOUTH CENTRAL-----	6	5	2,377	575	12	6	4	3	62	100	2	4
Kentucky-----	1	-	623	326	6	3	1	-	31	53	-	1
Tennessee-----	2	-	521	83	4	1	-	2	27	37	1	1
Alabama-----	2	4	979	115	1	1	-	-	3	9	1	1
Mississippi-----	1	1	54	51	1	1	3	1	1	1	-	1
WEST SOUTH CENTRAL-----	14	20	1,860	5,098	15	18	34	15	187	66	9	16
Arkansas-----	-	3	165	493	1	-	2	-	34	1	2	-
Louisiana-----	-	1	55	54	-	5	7	4	8	8	4	2
Oklahoma-----	2	2	83	192	2	-	-	-	21	1	-	1
Texas-----	12	14	1,557	4,350	12	13	25	11	124	56	3	13
MOUNTAIN-----	4	3	912	1,585	3	3	1	1	308	158	4	-
Montana-----	2	1	124	36	-	1	-	-	6	9	-	-
Idaho-----	-	-	77	187	1	-	-	-	13	31	-	-
Wyoming-----	-	-	54	53	-	-	-	-	111	-	-	-
Colorado-----	-	2	287	445	-	-	-	-	12	15	3	-
New Mexico-----	-	-	59	86	-	1	-	-	4	8	1	-
Arizona-----	2	-	59	631	1	-	-	-	109	3	-	-
Utah-----	-	-	246	102	-	-	1	1	53	92	-	-
Nevada-----	-	-	46	45	1	1	-	-	-	-	-	-
PACIFIC-----	5	7	1,970	5,230	21	7	12	13	252	249	2	2
Washington-----	1	-	125	946	3	-	1	-	38	35	-	-
Oregon-----	-	2	106	828	5	1	-	-	33	8	-	1
California-----	4	5	1,739	3,456	13	6	10	13	181	206	2	1

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED APRIL 19, 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, 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												
	1952	1951											
UNITED STATES-----	902	1,382	3	27	27	200	41	-	-	5	18	2	191
NEW ENGLAND-----	58	78	-	-	2	10	1	-	-	-	-	-	-
Maine-----	8	33	-	-	-	5	-	-	-	-	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	2	6	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	25	27	-	-	2	5	1	-	-	-	-	-	-
Rhode Island-----	1	6	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	2	5	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	73	164	-	-	9	31	-	-	-	5	-	-	3
New York-----	48	55	-	-	8	31	-	-	-	5	-	-	3
New Jersey-----	25	66	-	-	1	-	-	-	-	-	-	-	-
Pennsylvania-----	-	43	-	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL-----	109	185	-	3	10	25	2	-	-	-	2	-	31
Ohio-----	17	29	-	-	-	10	-	-	-	-	-	-	10
Indiana-----	4	13	-	-	-	6	-	-	-	-	-	-	5
Illinois-----	15	27	-	3	8	3	1	-	-	-	1	-	9
Michigan-----	41	55	-	-	1	6	-	-	-	-	-	-	6
Wisconsin-----	32	61	-	-	1	-	1	-	-	-	1	-	1
WEST NORTH CENTRAL-----	20	38	-	10	1	15	1	-	-	-	-	-	32
Minnesota-----	3	-	-	-	-	-	1	-	-	-	-	-	9
Iowa-----	5	3	-	6	-	5	-	-	-	-	-	-	5
Missouri-----	4	6	-	-	1	4	-	-	-	-	-	-	16
North Dakota-----	-	6	-	2	-	5	-	-	-	-	-	-	1
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	4	-	-	-	-	-	-	-	-	-	-	-	1
Kansas-----	4	23	-	2	-	1	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	78	209	-	4	2	45	19	-	-	-	8	1	27
Delaware-----	1	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	5	7	-	1	-	4	1	-	-	-	-	-	-
District of Columbia-----	-	15	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	19	24	-	1	1	2	-	-	-	-	-	-	11
West Virginia-----	5	33	-	-	-	14	-	-	-	-	-	-	3
North Carolina-----	9	54	-	-	-	7	7	-	-	-	-	-	3
South Carolina-----	4	4	-	-	-	1	2	-	-	-	1	-	6
Georgia-----	28	35	-	2	1	10	9	-	-	-	6	-	4
Florida-----	7	37	-	-	-	7	-	-	-	-	1	1	-
EAST SOUTH CENTRAL-----	74	150	-	4	1	25	2	-	-	-	1	-	65
Kentucky-----	43	30	-	-	-	7	1	-	-	-	-	-	12
Tennessee-----	14	24	-	1	-	9	1	-	-	-	1	-	27
Alabama-----	10	60	-	2	-	9	-	-	-	-	-	-	12
Mississippi-----	7	36	-	1	1	-	-	-	-	-	-	-	14
WEST SOUTH CENTRAL-----	353	365	-	3	-	3	11	-	-	-	7	1	28
Arkansas-----	5	30	-	1	-	2	3	-	-	-	3	-	-
Louisiana-----	10	3	-	-	-	-	3	-	-	-	3	-	-
Oklahoma-----	12	10	-	-	-	-	1	-	-	-	-	-	3
Texas-----	326	322	-	2	-	1	4	-	-	-	1	1	25
MOUNTAIN-----	66	138	-	-	-	21	-	-	-	-	-	-	-
Montana-----	9	16	-	-	-	9	-	-	-	-	-	-	-
Idaho-----	2	3	-	-	-	2	-	-	-	-	-	-	-
Wyoming-----	-	8	-	-	-	1	-	-	-	-	-	-	-
Colorado-----	16	27	-	-	-	1	-	-	-	-	-	-	-
New Mexico-----	-	16	-	-	-	4	-	-	-	-	-	-	-
Arizona-----	38	62	-	-	-	-	-	-	-	-	-	-	-
Utah-----	1	5	-	-	-	4	-	-	-	-	-	-	-
Nevada-----	-	1	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	91	55	3	3	2	25	5	-	-	-	-	-	5
Washington-----	3	14	-	1	-	4	-	-	-	-	-	-	-
Oregon-----	14	4	-	-	-	6	-	-	-	-	-	-	-
California-----	74	37	3	2	2	15	5	-	-	-	-	-	5

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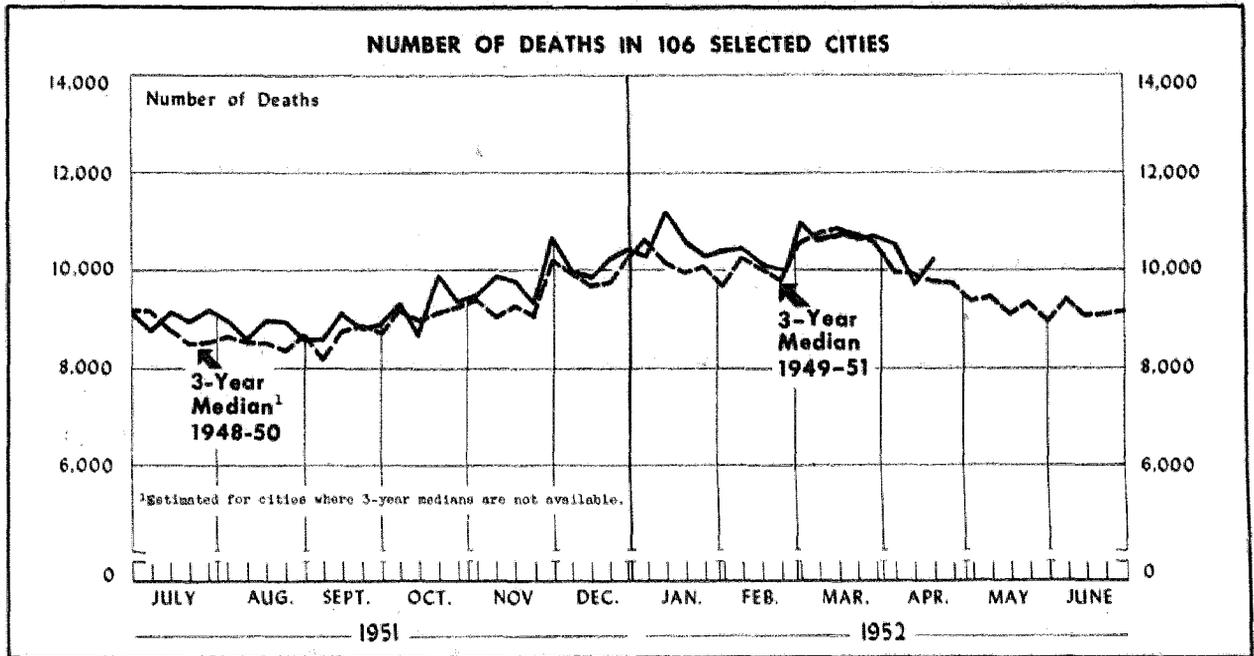
Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

APRIL 19, 1952

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

AREA	Brucellosis (unquant 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)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals	
TOTAL: 103 cities--	3	6	8	53	10,225	26	20	-	782	-	5	3	-	142	8	
NEW ENGLAND																
Boston-----	1				254				16						1	
Bridgeport-----					18				3							
Cambridge-----					47				6						2	
Fall River-----					39											
Hartford-----																
Lowell-----					26											
Lynn-----					18				1							
New Bedford-----					117				4							
New Haven-----					85										1	
Portland, Me.-----					100											
Providence-----					72											
Somerville-----					19				8							
Springfield, Mass.-----					18				2						2	
Waterbury-----					16				10							
Worcester-----				2	45				3							
MIDDLE ATLANTIC																
Albany-----					1	2			1							
Buffalo-----					6				6							
Camden-----					10							1			1	
Elizabeth-----					95				1							
Eric-----					125				5						2	
Jersey City-----					194				8						2	
Newark, N. J.-----					663				12						2	
New York City-----		2	7	10	1,862	3	3		157	5					21	
Paterson-----					8	363	3		27			1			12	
Philadelphia-----		1			1	19	2		13						8	
Pittsburgh-----					25										1	
Reading-----					68				17							
Rochester, N. Y.-----			1		2											
Schenectady-----					278				28						7	
Syracuse-----					32										3	
Trenton-----					77				67						3	
Utica-----					12				5						2	
Yonkers-----																
EAST NORTH CENTRAL																
Akron-----					1	10			2							
Canton-----					1	743	2		46						3	
Chicago-----					2	45	2									
Cincinnati-----					377		1		25						3	
Cleveland-----					2	14			14							
Columbus-----																
Dayton-----					1	546	1		35			1			4	1
Detroit-----					15				1							
Evansville-----																
Flint-----																
Fort Wayne-----					94				2							
Grand Rapids-----					154				5						2	
Indianapolis-----					643	1			14						5	
Milwaukee-----					2				5							
Peoria-----					2											
South Bend-----																
Toledo-----																
Youngstown-----					34				5						3	
WEST NORTH CENTRAL																
Des Moines-----					5				4							
Duluth-----									4						2	
Kansas City, Kans.-----																
Kansas City, Mo.-----					1	123	1		3						2	
Minneapolis-----					42				10							
Omaha-----					36										3	
St. Louis-----	1				1	5	4		8		1				1	
St. Paul-----					21				9							
Wichita-----					769				6							

Provisional Statistics for Deaths in Selected Cities for Week Ended
April 19, 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	16th week ended Apr. 19, 1952	15th week ended Apr. 12, 1952	16th week median 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 16 WEEKS		
					1952	1951	Percentage difference
TOTAL: 105 REPORTING CITIES-----	10,217	9,674	9,775	+4.5	167,263	168,366	-0.7
New England------(14 cities)	730	661	635	+15.0	11,360	12,010	-5.4
Middle Atlantic------(17 cities)	3,118	2,878	3,035	+2.7	50,418	51,826	-2.7
East North Central------(18 cities)	2,242	2,123	2,243	-0.0	35,941	36,965	-2.8
West North Central------(9 cities)	812	720	717	+13.2	12,340	11,850	+4.1
South Atlantic------(9 cities)	760	763	783	-2.9	13,059	12,313	+6.1
East South Central------(7 cities)	442	434	392	+12.8	7,094	7,091	+0.2
West South Central------(12 cities)	727	684	679	+7.1	12,185	12,058	+1.2
Mountain------(7 cities)	220	209	206	+6.8	3,679	3,378	+8.9
Pacific------(12 cities)	1,166	1,202	1,175	-0.8	21,187	20,905	+1.3

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED
APRIL 19, 1952

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

CITY	16th week ended Apr. 19, 1952	15th week ended Apr. 12, 1952	CUMULATIVE NUMBER FOR FIRST 16 WEEKS		CITY	16th week ended Apr. 19, 1952	15th week ended Apr. 12, 1952	CUMULATIVE NUMBER FOR FIRST 16 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	222	240	3,849	4,053	St. Paul-----	83	44	1,040	1,019
Bridgeport-----	30	33	586	592	Wichita-----	29	44	660	643
Cambridge-----	30	26	533	540	SOUTH ATLANTIC				
Fall River-----	44	24	466	515	Atlanta-----	96	96	1,620	1,375
Hartford-----	48	40	717	778	Baltimore-----	225	217	3,972	3,819
Lowell-----	30	28	416	521	Charlotte-----	22	20	450	462
Lynn-----	24	19	398	376	Miami-----	60	55	935	949
New Bedford-----	31	24	411	430	Norfolk-----	32	24	499	533
New Haven-----	58	35	731	754	Richmond-----	64	62	1,182	1,056
Providence-----	65	63	1,057	1,183	Tampa-----	56	60	999	850
Somerville-----	15	19	276	299	Washington, D. C.-----	172	200	2,079	2,751
Springfield, Mass.-----	39	38	616	645	Wilmington, Del.-----	33	21	523	519
Waterbury-----	28	24	398	417	EAST SOUTH CENTRAL				
Worcester-----	66	50	986	897	Birmingham-----	68	57	1,135	1,268
MIDDLE ATLANTIC					Chattanooga-----	39	47	779	775
Albany-----	43	36	663	719	Knoxville-----	40	34	558	567
Buffalo-----	137	132	2,311	2,485	Louisville-----	96	102	1,655	1,550
Camden-----	31	37	595	589	Memphis-----	94	113	1,567	1,426
Elizabeth-----	25	20	539	527	Mobile-----	35	45	533	544
Eric-----	37	42	542	571	Montgomery-----	(12)	(22)	(393)	(466)
Jersey City-----	71	77	1,245	1,211	Nashville-----	70	36	967	883
Newark, N. J.-----	113	86	1,829	1,707	WEST SOUTH CENTRAL				
New York City-----	1,703	1,522	26,510	26,904	Austin-----	28	(26)	390	(424)
Paterson-----	50	32	703	638	Baton Rouge-----	---	(18)	---	(254)
Philadelphia-----	522	424	8,001	8,998	Corpus Christi-----	14	14	279	304
Pittsburgh-----	126	222	2,977	2,960	Dallas-----	86	100	1,478	1,394
Rochester, N. Y.-----	81	85	1,562	1,531	El Paso-----	17	33	436	486
Schenectady-----	22	24	378	366	Fort Worth-----	56	47	860	890
Syracuse-----	60	55	875	854	Houston-----	106	111	1,946	1,855
Trenton-----	37	36	733	775	Little Rock-----	43	49	785	701
Utica-----	28	21	485	528	New Orleans-----	157	120	2,533	2,654
Yonkers-----	32	25	471	463	Oklahoma City-----	47	48	891	877
EAST NORTH CENTRAL					San Antonio-----	82	79	1,201	1,335
Akron-----	34	62	895	837	Shreveport-----	37	33	632	631
Canton-----	18	24	488	467	Tulsa-----	54	24	664	587
Chicago-----	725	715	11,698	12,375	MOUNTAIN				
Cincinnati-----	142	143	2,372	2,460	Albuquerque-----	30	20	406	380
Cleveland-----	237	165	3,425	3,605	Colorado Springs-----	20	11	203	177
Columbus-----	90	115	1,705	1,649	Denver-----	93	88	1,711	1,596
Dayton-----	57	65	990	1,022	Ogden-----	13	12	201	161
Detroit-----	307	282	5,005	5,428	Phoenix-----	14	19	340	305
Evansville-----	39	30	550	505	Pueblo-----	11	10	164	151
Flint-----	31	29	550	521	Salt Lake City-----	39	50	654	608
Fort Wayne-----	42	32	515	550	Tucson-----	(4)	(3)	(96)	(111)
Grand Rapids-----	47	37	637	661	PACIFIC				
Indianapolis-----	144	94	1,895	1,809	Berkeley-----	24	17	319	275
Milwaukee-----	134	108	1,980	1,833	Long Beach-----	48	41	799	762
Peoria-----	35	24	511	508	Los Angeles-----	392	410	7,771	7,610
South Bend-----	24	26	387	429	Oakland-----	106	89	1,693	1,585
Toledo-----	83	107	1,540	1,619	Pasadena-----	14	43	545	537
Youngstown-----	45	65	798	687	Portland, Oreg.-----	98	90	1,682	1,646
WEST NORTH CENTRAL					Sacramento-----	41	53	794	743
Des Moines-----	55	58	861	793	San Diego-----	68	71	1,248	1,097
Duluth-----	27	24	392	398	San Francisco-----	170	198	3,204	3,311
Kansas City, Kans.-----	46	40	590	591	Seattle-----	117	112	1,880	2,026
Kansas City, Mo.-----	110	114	1,887	1,800	Spokane-----	50	45	668	679
Minneapolis-----	153	88	1,917	1,849	Tacoma-----	38	33	584	594
Omaha-----	65	67	1,054	895	Honolulu-----	(40)	(34)	(550)	(517)
St. Louis-----	245	241	3,919	3,862					

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