

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

April 10, 1953

Washington 25, D. C.

Vol. 2, No. 13

Provisional Information on Selected Notifiable Diseases in the United States for Week Ended April 4, 1953

This is the third consecutive week that a decrease has occurred in the number of reported cases of meningococcal infections. For the current week a total of 117 cases was reported as compared with a high of 166 for the week ended March 14. Last year the incidence of the disease began decreasing after the third week of March. California and Georgia reported 18 and 14 cases, respectively, for the current week.

EPIDEMIOLOGICAL REPORTS

Plague infection

Mr. S. F. Quan, San Francisco Field Station, Public Health Service, reports that the following specimens obtained in Kittitas County, Washington State, have been proved positive for plague: Specimen No. WB-2 consisting of one vial, which contained 93 fleas (*Monopsyllus eumolpi*, *Micropsylla sectilis*, *Catallagia decipiens*) taken from 40 chipmunks (*Eutamias minimus*), trapped 18 miles east of Ellensburg on U. S. Highway 10 in Kittitas County on March 12, 1953.

Specimen No. WB-2, from the same area, consisting of 2 vials out of 3 containing a total of 303 fleas (*Monopsyllus wagneri*, *Catallagia decipiens*, *Micropsylla sectilis*, *Meringis shannoni*, *Monopsyllus eumolpi*, *Malaraeus telchinum*, *Atyphloceras sp.*) taken from 54 deer mice (*Peromyscus maniculatus*), trapped on March 12.

Mr. Bertram Gross, Hawaii Department of Health, reports the finding of one plague infected rat within the endemic area of the Hamakua District, on March 16, 1953. The rat (*R. alexandrinus*), which was found dead in District 3A, Kapulena area, proved positive for *P. pestis* on laboratory examination. This is the second infected animal found this year. The first was found in this area and was reported last week.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, reports a case of psittacosis in an adult female. The patient became ill on March 1 with chills, fever, malaise, and a dry cough. A physician diagnosed the case as influenza with complicating pneumonia and treated her successfully with penicillin. Since the patient raised parakeets and canaries, psittacosis was suspected and blood specimens were taken and sent to the Division of Medical Laboratories which received them on March 10 and 18 for psittacosis complement fixation tests. The first specimen was positive in a titer of 1:64, and the second in 1:128. The patient's birds were quarantined. Five parakeets were obtained for virus studies and forwarded to the Communicable Disease Center, Montgomery, Alabama. None of the birds were ill. However, in September of last year, a bird died 3 or 4 weeks after being purchased.

Trichiniasis

Dr. D. S. Fleming, Minnesota Department of Health, reports 10 cases of clinical trichiniasis which had onsets between February 15 and March 9, 1953. The disease occurred in persons who ate raw home-made smoked pork sausage. The original clinical diagnosis in some of the cases was influenza. Symptoms were fever, headache, cough, aching of muscles, and edema. Eosinophilia were present. Blood specimens were collected from 8 of the patients on March 20 and the serum forwarded to the

Communicable Disease Center. The complement fixation test was negative for one case, but positive for the others in titers ranging from 1:8192 to 1:128. Encysted *Trichinella spiralis* was demonstrated in a specimen of sausage received in the State Department of Health Laboratory on March 16.

Shigellosis

Dr. L. M. Schuman, Illinois Department of Public Health, reports that 7 cases of shigellosis occurred in an institution between February 9 and March 16. The disease was confined to children in 2 nurseries with a total population of 240 inmates. *Shigella flexneri* II (type W) was isolated from all patients. In routine rectal swabbing of the entire nursery group and 40 young female inmate ward helpers, 13 carriers of the organism were found. An inspection of the milk and water supplies and their handling showed them to be satisfactory. Antibiotic therapy of the cases, carriers, and inmates, as well as improved supervision of the inmate helpers in food handling, seem to have checked the outbreak.

Gastro-enteritis following the eating of turkey

Dr. G. R. Jones, Kentucky Department of Health, has reported another outbreak of gastro-enteritis following the ingestion of turkey. These were from government surplus stock obtained from another source than that reported for 3 outbreaks last week. The turkeys were cooked, allowed to stand overnight, boned, and then permitted to stand at room temperature for 90 minutes before serving. Sixty-five of 158 persons eating in the school cafeteria became ill. The length of the incubation period is not known.

Dr. R. L. Cleere, Executive Director, Colorado Department of Public Health, reports 2 minor outbreaks of mild gastro-enteritis occurred following the ingestion of government surplus turkeys, but neither was proven to be due to the turkey meat. The source of the turkeys was not as reported in last week's Communicable Disease Summary.

Dr. W. R. Giedt, Washington State Department of Health, reports 2 cases of gastro-enteritis at a school. Both patients became ill about 1 hour after they had sampled turkey meat. A third person, who sampled the meat, had few ill effects. The turkey was boned and refrigerated at the school the previous day. Samples of the turkey submitted for laboratory examination yielded hemolytic coagulase positive staphylococci. Paracolon-like organisms were also isolated and identified. The source of the turkeys was not given.

Gastro-enteritis

Dr. A. C. Hollister, Jr., California Department of Public Health, reports an outbreak of gastro-enteritis among 42 persons attending a private dinner party in a restaurant. Of these, 32 became ill from 9 to 19 hours after the meal. Creamed turkey was suspected. No food was available for laboratory examination. The turkey was cooked in the morning, not refrigerated, and added to cream sauce late in the afternoon.

Dr. L. L. Parks, Florida State Board of Health, reports 2 cases of gastro-enteritis following the ingestion of coconut cream pie. The suspected vehicle of infection was eaten in a private home at 7:00 p.m., and illness occurred between 3 and 6 hours later. The pie was purchased at a local store. It was found that

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the pie had been delivered to the store in an unrefrigerated truck and left out on an open shelf overnight. Cultures taken of the pie showed *Aerobacter aerogenes* type I and a Gamma type of streptococcus (non-hemolytic).

Influenza

The following reports were received by the Influenza Information Center, N. I. H., and the National Office of Vital Statistics.

New York State Department of Health reports that 25 paired sera from patients in an outbreak of respiratory illness, which occurred during the early part of the year at the University of Syracuse, Syracuse, New York, were examined in a complement-fixation test. Ten showed 3-fold or greater rise in titer with an influenza virus A antigen; 1 showed 5-fold rise in titer with an

influenza virus B antigen; 3 showed 3-fold or greater rise in titer with both antigens; 11 showed less than 3-fold rise in titer with both antigens.

Dr. C. E. Weigle, New Jersey Department of Health, reports the occurrence of influenza in a State institution in Cape May County in February. Investigation revealed that the respiratory illnesses resembled the common cold. Hemagglutination tests done on 15 typical cases showed a rise in titer for influenza A during convalescence. Of the 411 cases reported, the 15 can be said to have been confirmed by laboratory examination.

Dr. E. H. Lennette, California State Department of Health Laboratory, reports the serologic diagnoses for influenza A and A-prime in 6 cases from various parts of California, having onsets February 14 and March 9, 1953.

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
	Apr. 4, 1953	Mar. 29, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	-	1	2	(¹)	(¹)	(¹)	(¹)	11	10	16
Botulism-----049.1	21	-	---	(¹)	(¹)	(¹)	(¹)	5	5	---
Bruceellosis (undulant fever)-----044	33	35	---	(¹)	(¹)	(¹)	(¹)	³ 355	450	---
Diphtheria-----055	49	52	110	July 1	*2,255	3,070	6,361	⁴ 607	890	2,010
Encephalitis, acute infectious---082	28	22	16	(¹)	(¹)	(¹)	(¹)	242	282	167
Hepatitis, infectious, and serum-----092,N998.5 pt.	679	419	---	(¹)	(¹)	(¹)	(¹)	8,216	6,201	---
Malaria-----110-117	11	13	---	(¹)	(¹)	(¹)	(¹)	116	358	---
Measles-----085	18,534	32,793	23,853	Sept. 1	⁵ 165,627	348,417	229,492	⁵ 134,853	296,240	199,275
Meningococcal infections-----057	117	166	98	Sept. 1	3,122	2,840	2,237	1,890	1,685	1,229
Poliomyelitis, acute-----080	67	71	45	Apr. 1	57,839	28,692	28,692	1,593	1,320	1,255
Rebies in man-----034	-	1	---	(¹)	(¹)	(¹)	(¹)	-	5	---
Rocky Mountain spotted fever---104A	1	-	-	(¹)	(¹)	(¹)	(¹)	6	9	9
Scarlet fever and streptococcal sore throat-----050,051	4,018	3,648	2,328	Aug. 1	90,723	56,842	52,505	55,121	40,931	30,853
Smallpox-----084	-	-	---	(¹)	(¹)	(¹)	(¹)	3	4	17
Trichiniasis-----128	3	5	-	(¹)	(¹)	(¹)	(¹)	71	61	---
Tularemia-----059	8	12	15	(¹)	(¹)	(¹)	(¹)	134	193	235
Typhoid fever-----040	21	25	40	Apr. 1	2,294	2,184	2,839	305	399	418
Typhus fever, endemic-----101	2	3	---	Apr. 1	190	---	---	40	30	---
Whooping cough-----056	519	925	1,318	Oct. 1	15,928	29,241	42,089	8,071	15,056	20,475
Rebies in animals-----	152	198	---	(¹)	(¹)	(¹)	(¹)	2,231	2,303	---

¹Not computed.²Reported in North Carolina.³Deduction: Maine, week ended March 21, 1 case.⁴Addition: Arkansas, week ended March 28, 1 case.⁵Addition: New Jersey, week ended March 28, 126 cases.

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.

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Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED APRIL 4, 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)	
	13th week		13th week		13th week		13th week		13th week		13th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	49	52	679	419	18,534	32,793	117	166	67	71	4,018	3,648
NEW ENGLAND-----	2	-	152	18	191	5,561	7	6	2	-	299	280
Maine-----	-	-	18	4	19	839	2	-	-	-	72	9
New Hampshire-----	-	-	-	-	1	166	-	1	-	-	3	10
Vermont-----	-	-	1	-	8	270	-	-	-	-	5	6
Massachusetts-----	2	-	131	12	108	2,464	3	3	-	-	114	156
Rhode Island-----	-	-	-	-	10	396	-	-	-	-	23	20
Connecticut-----	-	-	2	2	45	1,426	2	2	2	2	82	79
MIDDLE ATLANTIC-----	8	4	59	27	797	11,807	11	23	5	5	742	970
New York-----	2	2	47	18	223	5,805	7	10	3	4	436	623
New Jersey-----	2	-	-	-	96	4,342	2	2	-	-	155	168
Pennsylvania-----	4	2	12	9	478	1,660	2	11	2	1	151	179
EAST NORTH CENTRAL-----	2	3	82	36	5,104	6,167	19	30	4	3	802	933
Ohio-----	-	1	16	14	1,508	1,127	7	12	1	1	183	329
Indiana-----	2	1	46	10	194	360	4	2	1	-	106	41
Illinois-----	-	1	6	8	342	1,633	3	8	1	1	83	149
Michigan-----	-	-	13	4	958	1,591	4	5	-	-	276	281
Wisconsin-----	-	-	1	-	2,102	1,456	1	3	1	-	154	133
WEST NORTH CENTRAL-----	6	9	70	49	2,111	1,174	7	5	7	4	262	203
Minnesota-----	1	2	19	3	122	35	1	-	-	2	31	50
Iowa-----	-	1	34	21	486	332	2	1	1	-	61	26
Missouri-----	4	2	3	10	428	82	1	3	1	1	70	69
North Dakota-----	1	-	1	6	17	354	-	-	-	-	26	19
South Dakota-----	-	3	-	1	34	24	-	-	2	-	10	9
Nebraska-----	-	-	-	8	51	114	-	-	2	1	37	6
Kansas-----	-	1	13	-	973	233	3	1	1	-	27	24
SOUTH ATLANTIC-----	16	10	149	195	772	2,520	29	34	5	6	381	238
Delaware-----	-	-	-	-	6	19	-	1	-	-	9	11
Maryland-----	-	-	9	1	40	428	2	4	-	-	125	34
District of Columbia-----	-	-	-	-	3	72	-	1	-	-	12	6
Virginia-----	-	-	60	10	247	856	4	5	1	-	153	106
West Virginia-----	-	3	40	68	122	230	3	3	-	1	26	11
North Carolina-----	2	1	27	10	161	175	2	4	-	1	26	48
South Carolina-----	1	-	1	2	68	126	2	6	1	-	-	4
Georgia-----	12	3	8	99	105	404	14	10	-	1	21	10
Florida-----	1	3	4	5	20	210	2	-	3	3	9	8
EAST SOUTH CENTRAL-----	2	7	40	43	332	1,495	5	27	7	2	125	69
Kentucky-----	-	2	6	14	117	212	1	16	3	-	48	20
Tennessee-----	-	2	10	12	97	290	2	5	2	1	65	36
Alabama-----	2	3	6	13	51	916	2	4	2	1	5	10
Mississippi-----	-	-	18	4	67	77	-	2	-	-	7	3
WEST SOUTH CENTRAL-----	10	14	28	4	8,998	1,331	17	13	12	27	543	206
Arkansas-----	-	-	3	1	946	176	3	6	-	-	22	59
Louisiana-----	1	1	-	-	181	21	7	4	3	4	11	6
Oklahoma-----	3	4	2	2	122	91	-	-	1	-	22	14
Texas-----	6	9	23	1	4,749	1,043	7	3	8	23	488	127
MOUNTAIN-----	1	-	26	12	1,273	835	3	8	7	6	473	379
Montana-----	1	-	-	4	106	166	2	1	1	-	12	27
Idaho-----	-	-	1	-	31	45	1	-	-	2	143	58
Wyoming-----	-	-	2	-	17	14	-	1	1	-	154	95
Colorado-----	-	-	7	2	464	256	-	4	1	-	49	14
New Mexico-----	-	-	11	1	229	45	-	-	1	1	10	3
Arizona-----	-	-	3	3	231	111	-	1	1	-	20	102
Utah-----	-	-	2	2	192	198	-	1	1	3	83	78
Nevada-----	-	-	-	-	3	-	-	-	1	-	2	2
PACIFIC-----	2	5	73	35	1,956	1,903	19	20	18	18	391	370
Washington-----	-	-	11	5	433	231	1	8	5	4	151	56
Oregon-----	-	2	35	15	295	68	-	3	-	-	57	68
California-----	2	3	27	15	1,228	1,604	18	9	13	14	183	246
Alaska-----	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(2)
Hawaii-----	(-)	(-)	(-)	(-)	(2)	(177)	(-)	(-)	(-)	(1)	(-)	(-)
Puerto Rico-----	(2)	(13)	(-)	(-)	(32)	(54)	(-)	(-)	(4)	(-)	(-)	(-)

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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
APRIL 4, 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 (082, 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
NEW ENGLAND															
Boston-----	-	-	-	5	7	1	-	-	26	-	-	-	-	8	-
Bridgeport-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cambridge-----	-	-	-	1	1	-	-	-	3	-	-	-	-	-	-
Fall River-----	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
Hartford-----	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
Lowell-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lynn-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Bedford-----	-	-	-	-	9	-	-	-	1	-	-	-	-	-	-
New Haven-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portland, Me.-----	-	-	-	3	-	1	-	-	23	-	-	-	-	-	-
Providence-----	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-
Somerville-----	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Springfield, Mass.-----	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
Waterbury-----	-	-	-	-	2	-	-	-	4	-	-	-	-	-	-
Worcester-----	-	-	-	11	2	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	-	1	-	-	-	1	-	-	-	-	3	-
Buffalo-----	-	-	-	1	6	-	-	-	13	-	-	-	-	-	-
Camden-----	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erie-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jersey City-----	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-
Newark, N. J.-----	-	-	-	-	3	-	-	-	14	-	-	-	-	-	-
New York City-----	-	2	12	8	97	4	1	-	67	-	-	-	-	26	-
Paterson-----	-	-	-	1	7	-	-	-	1	-	-	-	-	-	-
Philadelphia-----	-	1	-	1	18	1	-	-	23	-	-	-	-	6	-
Pittsburgh-----	-	1	1	-	12	-	-	-	3	-	-	-	-	1	-
Reading-----	-	-	-	-	30	-	-	-	4	-	-	-	-	-	-
Rochester, N. Y.-----	-	-	-	1	11	-	-	-	41	-	-	-	-	-	-
Schenectady-----	-	-	-	-	3	-	-	-	3	-	-	-	-	-	-
Syracuse-----	1	-	-	-	3	-	-	-	16	-	-	-	-	2	-
Trenton-----	-	-	-	-	9	-	-	-	2	-	-	-	-	2	-
Utica-----	-	-	-	-	1	-	-	-	56	-	-	-	-	-	-
Yonkers-----	-	-	-	-	5	-	-	-	3	-	-	-	-	-	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton-----	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-
Chicago-----	-	-	-	-	84	4	1	-	59	-	-	-	-	2	-
Cincinnati-----	-	1	-	-	17	1	-	-	8	-	-	-	-	1	-
Cleveland-----	-	-	-	-	16	2	-	-	23	-	-	-	-	10	-
Columbus-----	-	-	-	-	1	129	1	-	5	-	-	-	-	2	-
Dayton-----	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-
Detroit-----	-	-	1	2	103	-	1	-	68	-	-	-	-	9	-
Evansville-----	-	-	-	1	16	-	-	-	14	-	-	-	-	-	-
Flint-----	-	-	-	-	4	-	-	-	3	-	-	-	-	-	-
Fort Wayne-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Rapids-----	-	-	-	-	1	-	-	-	10	-	-	-	-	-	-
Indianapolis-----	-	-	-	-	5	3	-	-	12	-	-	-	-	6	-
Milwaukee-----	-	-	-	-	609	-	-	-	36	-	-	1	-	9	-
Peoria-----	-	-	-	-	35	-	-	-	5	-	-	-	-	-	-
South Bend-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toledo-----	-	-	-	1	224	-	-	-	10	-	-	-	-	-	-
Youngstown-----	-	-	-	-	29	-	-	-	4	-	-	-	-	-	-
WEST NORTH CENTRAL															
Des Moines-----	-	-	-	13	-	-	-	-	6	-	-	-	-	2	-
Duluth-----	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-
Kansas City, Kans.-----	-	-	-	-	70	1	-	-	1	-	-	-	-	-	-
Kansas City, Mo.-----	-	-	-	2	96	-	-	-	7	-	-	-	-	3	-
Minneapolis-----	-	-	-	9	88	-	-	-	14	-	-	-	-	-	-
Omaha-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	-	-	47	3	-	-	3	-	-	-	-	-	-
St. Paul-----	-	-	-	-	16	-	-	-	5	-	-	-	-	-	-
Wichita-----	-	-	-	-	83	-	-	-	3	-	-	-	-	-	-

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

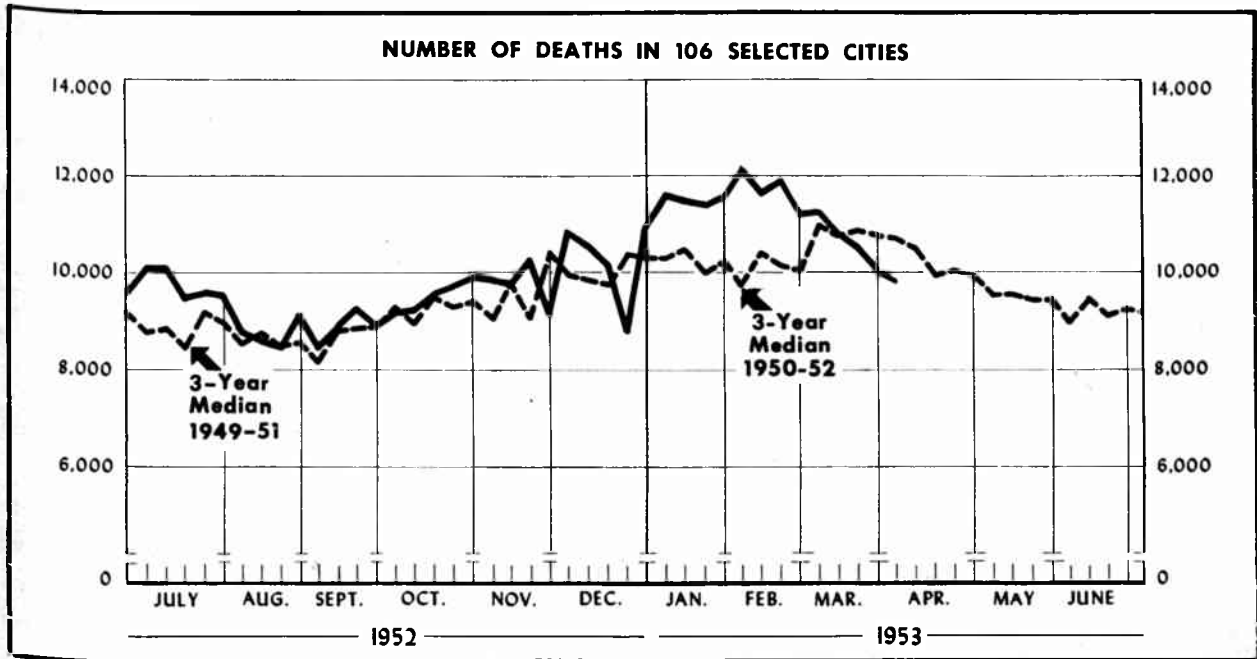
APRIL 4, 1953—Continued

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

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SOUTH ATLANTIC															
Atlanta-----	-	-	-	-	33	1	-	-	4	-	-	-	-	-	120
Baltimore-----	-	-	-	-	17	2	-	-	84	-	-	-	-	-	-
Charleston, S. C.-----	-	-	-	-	21	1	-	-	-	-	-	-	-	-	-
Charleston, W. Va.-----	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
Charlotte-----	-	-	-	-	15	-	-	-	1	-	-	-	-	-	-
Miami-----	-	-	-	1	2	1	-	-	2	-	-	-	-	-	-
Norfolk-----	-	-	-	-	10	-	-	-	3	-	-	-	-	-	-
Richmond-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Savannah-----	-	-	-	-	9	1	-	-	1	-	-	-	-	1	-
Tampa-----	-	-	-	-	-	1	-	-	2	-	-	-	-	1	-
Washington, D. C.-----	-	-	-	-	3	-	-	-	12	-	-	2	-	3	-
Wilmington, Del.-----	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL															
Birmingham-----	-	-	-	-	-	-	2	-	2	-	-	1	-	-	2
Chattanooga-----	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-
Knoxville-----	-	-	-	1	2	-	-	-	-	-	-	-	-	-	1
Louisville-----	-	-	-	2	-	1	1	-	7	-	-	-	-	1	-
Memphis-----	-	-	-	2	30	-	1	-	5	-	-	-	-	-	1
Mobile-----	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-
Montgomery-----	-	1	-	1	1	1	-	-	3	-	-	-	-	-	-
Nashville-----	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL															
Dallas-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Paso-----	-	-	-	-	109	-	-	-	14	-	-	-	-	-	-
Fort Worth-----	-	-	-	4	62	-	1	-	7	-	-	-	-	-	2
Galveston-----	-	-	-	-	230	-	-	-	-	-	-	-	-	-	-
Houston-----	-	2	-	-	14	-	-	-	4	-	-	-	-	-	-
Little Rock-----	-	1	-	-	23	1	-	-	2	-	-	-	-	-	-
New Orleans-----	-	-	-	-	5	-	-	-	3	-	-	-	-	-	-
Oklahoma City-----	-	-	-	-	16	-	-	-	9	-	-	-	-	-	-
San Antonio-----	-	-	-	-	15	-	1	-	1	-	-	-	-	-	-
Shreveport-----	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Tulsa-----	-	-	-	-	21	-	1	-	5	-	-	-	-	-	-
MOUNTAIN															
Albuquerque-----	-	-	-	-	54	-	-	-	2	-	-	-	-	-	1
Boise City-----	-	-	-	-	-	-	-	-	34	-	-	-	-	-	-
Colorado Springs-----	-	-	-	-	34	-	-	-	2	-	-	-	-	-	-
Denver-----	-	-	-	2	104	-	1	-	3	-	-	-	-	-	-
Ogden-----	-	-	-	-	119	-	-	-	8	-	-	-	-	-	-
Phoenix-----	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
Pueblo-----	-	-	-	-	17	-	-	-	1	-	-	-	-	-	-
Salt Lake City-----	-	-	-	-	26	-	-	-	16	-	-	-	-	-	-
Tucson-----	-	-	-	2	-	-	-	-	7	-	-	-	-	-	-
PACIFIC															
Long Beach-----	-	-	-	-	47	-	1	-	1	-	-	-	-	-	-
Los Angeles-----	-	1	-	3	95	-	2	-	25	-	-	-	-	9	2
Oakland-----	-	-	-	2	42	-	-	-	12	-	-	-	-	1	-
Portland, Oreg.-----	-	1	-	3	8	-	-	-	4	-	-	-	-	3	-
Sacramento-----	-	-	-	-	29	-	-	-	2	-	-	-	-	-	-
San Diego-----	-	-	-	-	25	-	-	-	7	-	-	-	-	6	-
San Francisco-----	-	-	-	-	42	1	-	-	8	-	-	-	-	1	-
Seattle-----	-	-	-	-	60	-	-	-	31	-	-	-	-	-	-
Spokane-----	-	-	-	-	1	-	-	-	10	-	-	-	-	-	-
Tacoma-----	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Honolulu-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Report for January 1, to April 4, 1953.

Provisional Statistics for Deaths in Selected Cities for
Week Ended April 4, 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	13th week ended Apr. 4, 1953	12th week ended Mar. 28, 1953	13th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 13 WEEKS		
					1953	1952	Percentage difference
TOTAL: 103 REPORTING CITIES-----	9,667	9,910	10,533	-8.2	143,702	135,150	+6.3
New England----- (14 cities)	689	674	777	-11.3	9,575	9,218	+3.9
Middle Atlantic----- (17 cities)	2,926	3,052	3,261	-10.3	42,894	41,290	+3.9
East North Central----- (17 cities)	2,022	2,026	2,206	-8.3	30,628	28,138	+8.8
West North Central----- (8 cities)	658	704	793	-17.0	10,679	9,549	+11.8
South Atlantic----- (9 cities)	700	747	799	-12.4	11,488	10,703	+7.3
East South Central----- (7 cities)	421	448	435	-3.2	6,404	5,694	+12.5
West South Central----- (12 cities)	771	715	750	+2.8	10,733	10,050	+6.8
Mountain----- (7 cities)	199	219	221	-10.0	3,504	3,047	+15.0
Pacific----- (12 cities)	1,281	1,325	1,343	-4.6	17,797	17,461	+1.9

Weekly Mortality Report

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
APRIL 4, 1953

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

CITY	13th week ended	12th week ended	CUMULATIVE NUMBER FOR FIRST 13 WEEKS		CITY	13th week ended	12th week ended	CUMULATIVE NUMBER FOR FIRST 13 WEEKS	
	Apr. 4, 1953	Mar. 28, 1953	1953	1952		Apr. 4, 1953	Mar. 28, 1953	1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	229	229	3,258	3,149	St. Paul-----	47	58	936	849
Bridgeport-----	35	36	452	480	Wichita-----	20	47	573	559
Cambridge-----	30	27	384	435	SOUTH ATLANTIC				
Fall River-----	23	20	396	381	Atlanta-----	95	104	1,485	1,330
Hartford-----	41	54	655	580	Baltimore-----	220	210	3,373	3,272
Lowell-----	17	26	361	330	Charlotte-----	19	32	393	377
Lynn-----	21	22	288	336	Miami-----	65	56	906	775
New Bedford-----	24	14	341	331	Norfolk-----	22	27	466	397
New Haven-----	43	41	635	599	Richmond-----	55	65	957	985
Providence-----	76	71	903	859	Tampa-----	55	57	851	815
Somerville-----	13	12	222	228	Washington, D. C.-----	139	166	2,615	2,322
Springfield, Mass.-----	53	39	517	508	Wilmington, Del.-----	30	30	442	430
Waterbury-----	26	30	379	317	EAST SOUTH CENTRAL				
Worcester-----	58	53	784	685	Birmingham-----	58	70	1,008	935
MIDDLE ATLANTIC					Chattanooga-----	67	64	662	637
Albany-----	37	40	624	550	Knoxville-----	30	40	478	454
Buffalo-----	155	148	1,945	1,878	Louisville-----	93	94	1,495	1,334
Camden-----	29	33	486	492	Memphis-----	85	114	1,534	1,227
Elizabeth-----	31	35	419	463	Mobile-----	40	29	455	419
Erie-----	42	30	482	427	Montgomery-----	(25)	(20)	(417)	(332)
Jersey City-----	71	66	970	1,009	Nashville-----	48	37	772	688
Newark, N. J.-----	89	90	1,509	1,513	WEST SOUTH CENTRAL				
New York City-----	1,566	1,625	22,817	21,655	Austin-----	16	29	356	307
Paterson-----	34	45	573	580	Baton Rouge-----	---	(24)	---	(207)
Philadelphia-----	464	474	6,723	6,585	Corpus Christi-----	17	12	248	238
Pittsburgh-----	189	192	2,465	2,429	Dallas-----	112	87	1,350	1,207
Rochester, N. Y.-----	81	88	1,389	1,284	El Paso-----	26	28	416	371
Schenectady-----	17	23	315	311	Fort Worth-----	41	64	816	696
Syracuse-----	44	49	743	703	Houston-----	133	129	1,739	1,628
Trenton-----	39	53	671	623	Little Rock-----	59	31	600	656
Utica-----	25	41	423	405	New Orleans-----	138	141	2,202	2,103
Yonkers-----	13	20	340	383	Oklahoma City-----	57	49	770	739
EAST NORTH CENTRAL					San Antonio-----	69	69	1,151	1,040
Akron-----	44	57	828	743	Shreveport-----	51	29	587	527
Canton-----	31	31	410	419	Tulsa-----	52	47	498	538
Chicago-----	710	660	10,645	9,537	MOUNTAIN				
Cincinnati-----	110	185	2,124	1,946	Albuquerque-----	25	33	395	328
Cleveland-----	200	189	2,923	2,791	Colorado Springs-----	14	14	188	161
Columbus-----	118	90	1,524	1,381	Denver-----	89	98	1,593	1,439
Dayton-----	71	59	850	821	Ogden-----	14	7	168	164
Detroit-----	309	290	4,488	4,137	Phoenix-----	18	17	331	295
Evansville-----	31	32	476	444	Pueblo-----	8	12	190	139
Flint-----	40	31	499	465	Salt Lake City-----	31	38	639	523
Fort Wayne-----	23	26	435	405	Tucson-----	(1)	(4)	(74)	(80)
Grand Rapids-----	30	30	547	518	PACIFIC				
Indianapolis-----	78	114	1,580	1,550	Berkeley-----	23	13	243	261
Milwaukee-----	122	124	1,799	1,599	Long Beach-----	56	58	674	652
Peoria-----	23	27	401	431	Los Angeles-----	509	438	6,479	6,442
South Bend-----	26	27	321	316	Oakland-----	76	110	1,371	1,420
Toledo-----	---	(93)	---	(1,259)	Pasadena-----	25	43	494	464
Youngstown-----	56	54	778	635	Portland, Oreg.-----	124	126	1,440	1,379
WEST NORTH CENTRAL					Sacramento-----	36	53	674	643
Des Moines-----	46	46	687	700	San Diego-----	74	73	1,018	1,023
Duluth-----	21	33	372	317	San Francisco-----	168	212	2,795	2,640
Kansas City, Kans.-----	---	(49)	---	(479)	Seattle-----	112	111	1,553	1,543
Kansas City, Mo.-----	109	100	1,822	1,556	Spokane-----	51	46	593	517
Minneapolis-----	102	109	1,768	1,538	Tacoma-----	27	42	463	477
Omaha-----	65	65	927	851	Honolulu-----	(30)	(38)	(429)	(437)
St. Louis-----	248	246	3,594	3,179					

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