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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended May 23, 1953

There were no significant changes in the incidence of poliomyelitis for the current week, except in Texas, where 39 cases were reported as compared with 24 and 17 for the previous 2 weeks, respectively. For the corresponding week last year, Texas reported 40 cases. The cumulative total for the country as a whole since the beginning of the "disease year," which began with the week ended April 11, is 791 cases as compared with 582 for the corresponding period of 1952.

EPIDEMIOLOGICAL REPORTS

Smallpox

Dr. E. A. Rogers, Nebraska Department of Health, gives epidemiological information on the 11 cases of smallpox reported since the first week of April. In addition, 2 suspicious cases were investigated. The cases have occurred in 5 different areas in the eastern part of the State. In one instance, 4 cases occurred in 1 family. Eight of the cases were mild and 5 were moderately severe. In general, the symptoms and nature of the eruptions were not such that the cases could be definitely diagnosed as smallpox. Some differences in medical opinion exist as to the diagnosis. Cases have occurred in both vaccinated and unvaccinated persons. Chickenpox cases have also been occurring in the community. Laboratory results of blood specimens from 4 patients were negative, and from 2, they were positive to complement fixation tests. One egg embryo gave a growth not yet identified and 1 gave negative results. The Paul's test for 2 patients gave positive results clinically but cytological confirmation is indefinite. This test for two other individuals gave negative results. It has been estimated that 10,000 persons have been vaccinated during recent weeks.

Dr. W. L. Halverson, California Director of Public Health, gives additional information on the suspect case of smallpox in a Mexican National. The following tests were negative: two passages in eggs, the Paul's test, and syphilis serology.

Dr. D. W. McEnery, Wyoming Department of Public Health, reports a case of smallpox in a 4-year-old white girl, who lives in Rock Springs.

Psittacosis

Dr. R. H. Heeren, Iowa Department of Health, reports 5 human cases of psittacosis in widely separated areas. However, the source of infection was traced to parakeets, all purchased in the same city. In general, the clinical symptoms were fever, chills, headache, anorexia, and a slightly productive cough. A few patients complained of having influenza. Two of the cases were in a man and his wife who were in the parakeet breeding business. The most recent purchase of breeding stock was 3 1/2 months prior to illness of the patients. At the time of their illness they owned about 30 birds. Two or 3 birds had died, and those remaining were destroyed when they were suspected as being the cause of the human illness. Another of these cases was in a daughter of the first patients. She was a frequent visitor in her parents' home. The other 2 cases were not associated with the first 3, but had contact with parakeets which were purchased in the same city as those connected with the first cases. None of the parakeets were available for virus studies. The disease was confirmed by complement fixation tests made at the State Hygienic Laboratory and at Hooper Foundation in California.

Dr. John R. Pate, District of Columbia Department of Health, gives additional information on the psittacosis which appeared in this report last week. The laboratory report from the National Institutes of Health shows that the patient was ill with psittacosis.

Dr. J. R. Amos, Missouri Department of Health and Welfare, reports a case of psittacosis in a white man, aged 80. The diagnosis was confirmed by a rise in the complement fixation titer, from 1:2 to 1:32. The patient's wife had purchased several parakeets 11 days prior to the onset of his illness. Two of the birds became sick and died.

Dr. C. C. Croft, Ohio Department of Health, reports the isolation of psittacosis virus from a parakeet. The bird, which died after arrival, was one of a shipment received from a source outside the State.

Leptospirosis in animals

Dr. W. R. Giedt, Washington State Department of Health, reports that during the past few months leptospiral infections in cattle have been discovered in at least 5 counties by the State Department of Agriculture. A species of leptospira L. pomona, previously unknown in this State, has been found to be the cause of the disease. Blood specimens have been examined from a number of cattlemen who have been exposed to the infected cows, but to date none have been found to be positive. No human cases as yet have been reported in the State.

Salmonellosis

Dr. H. M. Erickson, Oregon State Board of Health, reports an outbreak of salmonellosis involving 3 persons in a private family. The suspected vehicle of infection was inadequately refrigerated warmed-over turkey. No connection has been traced as yet between these cases and 4 cases of bacillary dysentery which were reported for the same week but not from the same area. No other information was given.

Dr. Mason Romaine, Virginia Department of Health, reports an outbreak of salmonellosis among infants in a hospital. The first case was reported early in March 1953, and since that time 13 additional cases have appeared. Following the second case an investigation of the hospital personnel was made and stool cultures were negative. However, it was found that a piece of equipment used in the nursery was not sterilized between its use on different babies. Swab cultures from this gave positive results for salmonella organisms. This situation was corrected but 3 weeks later new cases began to appear. At this time it was discovered that stool cultures were not collected from all the personnel. Stool cultures were requested from the rest of the personnel and a positive culture was received. This culture was sent to the State Laboratory where the strain was identified as S. javiana. Since this strain was different from that found in the infants, a more extensive investigation is now being conducted to determine the true source of infection.

Shigellosis

Dr. H. Kleinman, Bureau of Indian Affairs Hospital, Red Lake Agency, Minnesota, reports that 4 cases of shigellosis have occurred in widely separated areas of the reservation. The diagnosis was confirmed by stool culture in each case. Shigella

sonnei II was isolated in 3 cases and S. sonnei I was isolated in the other.

Gastro-enteritis

Mr. D. W. Evans, Sanitary Engineer, Region V, Chicago, reports an outbreak of gastro-enteritis among persons on a train traveling between Chicago and Fort Pierce, Florida. It was stated that 15 passengers had diarrhea. Of these, only 1 was available for questioning as the others had debarked prior to arrival at Fort Pierce. Water was suspected to be the vehicle of infection and a sample was sent to Chicago for analysis. Samples of perishable foods were requested and instructions were given to obtain new stocks of these foods. Instructions were also given to flush and chlorinate the water systems. No laboratory reports are available at this time.

Dr. Edward Lane, County Health Officer, New York State, reports an outbreak of gastro-enteritis among persons who dined at a country club. The number of persons eating at the club and the time of the meal was not given. There were 28 persons who became ill from 1 to 4 hours after the dinner. The order slips revealed that the only common item of food was cauliflower with cream sauce. The incubation period and the symptoms (sudden vomiting, diarrhea, abdominal distress, and some prostration) confirm the diagnosis of staphylococcus food poisoning. An investigation revealed that one of the food handlers who prepared the sauce had a 4-day-old cut on one palm. Other than this, the sanitary conditions prevailing among the food handlers in the kitchen were excellent.

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
	May 23, 1953	May 17, 1952			1952-53	1951-52		1953	1952	
Anthrax---062	[1]1	1	2	(2)	(2)	(2)	(2)	18	15	25
Botulism---049.1	-	-	---	(2)	(2)	(2)	(2)	6	10	---
Brucellosis (undulant fever)---044	38	53	---	(2)	(2)	(2)	(2)	606	753	---
Diphtheria---055	32	41	72	July 1	2,510	3,406	7,026	862	1,226	2,675
Encephalitis, acute infectious---082	23	23	19	(2)	(2)	(2)	(2)	372	484	262
Hepatitis, infectious, and serum---092,N998.5 pt.	734	201	---	(2)	(2)	(2)	(2)	13,646	7,664	---
Malaria---110-117	20	140	---	(2)	(2)	(2)	(2)	232	955	---
Measles---085	23,058	29,212	23,837	Sept. 1	331,828	563,994	423,371	301,054	511,817	393,154
Meningococcal infections---057	107	104	73	Sept. 1	3,996	3,674	2,858	2,764	2,519	1,849
Poliomyelitis, acute---080	156	122	101	Apr. 1	[3]791	582	521	[3]2,373	1,902	1,772
Rabies in man---094	-	-	---	(2)	(2)	(2)	(2)	1	[4]6	---
Rocky Mountain spotted fever---104A	13	13	14	(2)	(2)	(2)	(2)	37	36	42
Scarlet fever and streptococcal sore throat---050,051	3,240	2,519	1,726	Aug. 1	117,248	77,535	66,457	81,646	61,610	44,805
Smallpox---084	[4]1	1	1	(2)	(2)	(2)	(2)	15	9	21
Trichiniasis---128	12	10	---	(2)	(2)	(2)	(2)	113	135	---
Tularemia---059	18	8	16	(2)	(2)	(2)	(2)	217	268	361
Typhoid fever---040	43	30	35	Apr. 1	252	197	205	557	596	671
Typhus fever, endemic---101	3	2	---	Apr. 1	25	24	---	65	54	---
Whooping cough---056	671	1,014	1,566	Oct. 1	20,570	36,233	52,350	12,713	22,048	30,736
Rabies in animals---	135	227	---	(2)	(2)	(2)	(2)	[5]3,322	3,701	---

[1]Reported in Massachusetts.
[2]Not computed.
[3]Addition: Iowa, week ended May 16, 3 cases.
[4]Reported in Wyoming.
[5]Additions: Indiana, week ended May 2, 8 cases; week ended May 9, 13 cases.

NOTE.—Psittacosis: One case each in the District of Columbia, Pennsylvania, and Virginia.

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.

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MAY 23, 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)	
	20th week		20th week		20th week		20th week		20th week		20th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES	32	41	734	201	23,058	29,212	107	104	156	122	3,240	2,519
NEW ENGLAND	-	1	51	14	258	2,517	4	2	3	2	303	157
Maine	-	-	17	2	44	240	-	-	-	-	80	5
New Hampshire	-	-	2	-	2	35	-	-	-	-	6	1
Vermont	-	-	-	-	16	178	-	-	-	-	3	4
Massachusetts	-	1	18	6	95	1,265	4	1	2	2	90	96
Rhode Island	-	-	-	-	10	114	-	-	-	-	24	12
Connecticut	-	-	14	6	91	685	-	1	1	-	100	39
MIDDLE ATLANTIC	6	3	113	27	1,554	8,665	19	13	8	5	533	797
New York	2	1	82	17	481	3,875	12	6	4	3	386	498
New Jersey	4	-	-	-	232	3,675	4	1	2	-	64	183
Pennsylvania	-	2	31	10	841	1,115	3	6	2	2	83	116
EAST NORTH CENTRAL	2	7	129	19	5,455	5,802	15	20	8	6	519	560
Ohio	-	2	34	2	1,546	1,251	5	8	2	2	109	198
Indiana	1	3	34	8	376	418	2	3	2	1	50	50
Illinois	1	2	23	5	771	1,410	4	4	2	2	114	102
Michigan	-	-	25	1	849	1,241	3	4	2	-	132	169
Wisconsin	-	-	13	3	1,913	1,482	1	1	-	1	114	41
WEST NORTH CENTRAL	2	1	123	12	2,342	1,292	7	10	20	8	149	97
Minnesota	-	1	15	-	94	177	2	2	7	-	38	38
Iowa	-	-	58	1	503	230	1	2	4	1	32	17
Missouri	1	-	24	3	459	94	1	2	3	1	23	20
North Dakota	-	-	3	4	126	110	1	-	2	2	10	3
South Dakota	-	-	1	-	12	6	-	2	1	3	8	-
Nebraska	-	-	17	-	142	176	-	-	1	1	25	2
Kansas	1	-	5	4	1,006	499	2	2	2	-	13	17
SOUTH ATLANTIC	6	7	87	57	1,406	2,225	13	21	13	9	220	189
Delaware	-	-	-	-	20	23	-	-	-	-	-	5
Maryland	-	-	8	5	103	136	-	3	1	-	78	23
District of Columbia	-	-	-	-	16	33	-	-	-	-	3	4
Virginia	-	1	33	7	253	782	3	10	-	1	75	102
West Virginia	-	-	24	4	333	365	1	-	4	1	25	6
North Carolina	-	3	13	10	433	205	4	5	3	1	16	23
South Carolina	2	2	1	1	122	135	2	-	-	-	2	3
Georgia	3	-	1	24	66	363	-	2	-	-	14	19
Florida	1	1	7	6	60	183	3	1	5	6	7	4
EAST SOUTH CENTRAL	3	4	59	33	330	1,214	19	13	15	14	65	46
Kentucky	-	1	9	5	74	370	8	8	2	1	26	21
Tennessee	3	2	19	15	82	343	7	5	4	3	29	18
Alabama	-	1	15	12	60	477	3	-	7	-	6	5
Mississippi	-	-	16	1	114	24	1	-	2	10	4	2
WEST SOUTH CENTRAL	10	10	45	4	5,274	2,271	11	11	46	50	765	135
Arkansas	-	-	6	4	712	311	-	3	1	1	40	12
Louisiana	-	-	-	-	454	43	2	3	3	8	3	6
Oklahoma	1	3	5	-	317	140	-	3	3	1	21	13
Texas	9	7	34	-	3,791	1,777	9	2	39	40	701	104
MOUNTAIN	1	1	59	6	1,981	1,269	3	2	4	5	314	258
Montana	1	-	6	-	92	470	1	-	-	-	24	6
Idaho	-	-	7	-	73	59	-	-	1	2	30	6
Wyoming	-	-	5	1	125	32	-	-	1	1	101	63
Colorado	-	1	35	4	712	219	1	1	1	-	29	4
New Mexico	-	-	-	-	366	64	-	1	-	1	45	1
Arizona	-	-	-	1	343	75	1	-	1	-	29	96
Utah	-	-	6	-	252	321	-	-	-	1	55	81
Nevada	-	-	-	-	18	29	-	-	-	-	1	1
PACIFIC	2	7	68	29	4,458	3,957	16	12	39	23	372	280
Washington	1	1	25	4	683	266	1	1	3	1	133	34
Oregon	-	-	18	4	451	107	3	1	1	-	33	26
California	1	6	25	21	3,324	3,584	12	10	35	22	206	220
Alaska	(-)	(-)	(-)	(-)	(2)	(-)	(-)	(-)	(-)	(-)	(2)	(-)
Hawaii	(-)	(-)	(1)	(3)	(6)	(18)	(-)	(-)	(1)	(5)	(-)	(-)
Puerto Rico	(10)	(5)	(-)	(-)	(86)	(34)	(3)	(-)	(-)	(-)	(-)	(-)

Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MAY 23, 1953—Continued

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

AREA	TYPHOID FEVER (040)		WHOOPING COUGH (056)		Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	20th week		20th week									
	1953	1952	1953	1952								
UNITED STATES	43	30	671	1,014	38	23	20	13	12	18	3	135
NEW ENGLAND	2	-	76	41	-	1	-	-	1	-	-	-
Maine	1	-	7	3	-	-	-	-	-	-	-	-
New Hampshire	-	-	1	-	-	-	-	-	-	-	-	-
Vermont	-	-	5	17	-	-	-	-	-	-	-	-
Massachusetts	1	-	42	17	-	1	-	-	1	-	-	-
Rhode Island	-	-	19	-	-	-	-	-	-	-	-	-
Connecticut	-	-	2	4	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC	4	4	140	139	-	9	-	1	5	1	-	7
New York	1	1	75	49	-	3	-	1	2	1	-	7
New Jersey	-	2	35	37	-	6	-	-	3	-	-	-
Pennsylvania	3	1	30	53	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL	3	6	59	111	6	1	-	2	2	3	-	22
Ohio	2	1	10	43	1	-	-	2	1	-	-	2
Indiana	-	2	17	6	2	-	-	-	-	-	-	12
Illinois	-	-	3	2	1	-	-	-	1	-	-	3
Michigan	-	3	9	34	-	1	-	-	-	2	-	5
Wisconsin	1	-	20	26	2	-	-	-	-	1	-	-
WEST NORTH CENTRAL	1	1	9	47	10	3	2	-	-	2	-	17
Minnesota	-	-	-	1	2	1	-	-	-	-	-	1
Iowa	-	-	-	11	7	-	1	-	-	-	-	6
Missouri	-	-	9	7	1	-	1	-	-	1	-	10
North Dakota	-	1	-	-	-	2	-	-	-	1	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	2	-	-	-	-	-	-	-	-
Kansas	1	-	-	26	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	12	4	45	101	6	3	4	2	-	3	-	15
Delaware	-	-	-	1	-	-	-	-	-	-	-	-
Maryland	-	-	-	4	2	-	1	1	-	-	-	-
District of Columbia	-	-	3	6	-	-	-	-	-	-	-	-
Virginia	3	3	10	23	2	-	-	1	-	1	-	6
West Virginia	1	-	3	33	-	-	-	-	-	-	-	2
North Carolina	2	-	11	6	-	1	-	-	-	-	-	1
South Carolina	1	-	10	6	-	-	-	-	-	-	-	2
Georgia	-	1	1	13	2	-	2	-	-	2	-	4
Florida	5	-	7	9	-	2	1	-	-	-	-	-
EAST SOUTH CENTRAL	7	5	26	35	6	1	5	-	-	-	-	24
Kentucky	-	1	6	6	-	-	3	-	-	-	-	2
Tennessee	1	2	7	16	3	-	1	-	-	-	-	1
Alabama	1	1	9	11	-	-	-	-	*	-	-	17
Mississippi	5	1	4	2	3	1	1	-	*	-	-	4
WEST SOUTH CENTRAL	10	6	190	344	6	3	6	-	-	6	3	48
Arkansas	-	1	12	9	2	-	-	-	-	4	-	3
Louisiana	4	1	2	4	2	-	-	-	-	-	-	[1]26
Oklahoma	-	-	8	7	-	-	-	-	-	-	-	-
Texas	6	4	168	324	2	3	6	-	*	2	3	19
MOUNTAIN	4	3	21	56	2	2	-	8	-	3	-	2
Montana	-	1	3	1	-	2	-	2	-	-	-	-
Idaho	2	1	-	4	-	-	-	2	-	-	-	-
Wyoming	-	-	-	1	1	-	-	1	-	1	-	-
Colorado	-	1	1	23	-	-	-	-	-	-	-	1
New Mexico	-	-	4	2	-	-	-	-	-	1	-	-
Arizona	-	-	13	24	-	-	-	-	-	-	-	1
Utah	2	-	-	1	1	-	-	3	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	1	105	140	2	-	3	-	4	-	-	-
Washington	-	-	11	-	-	-	-	-	4	-	-	-
Oregon	-	1	24	5	-	-	-	-	-	-	-	-
California	-	-	70	135	2	-	3	-	-	-	-	-
Alaska	(1)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii	(-)	(-)	(-)	(1)	(-)	(-)	(2)	(-)	(-)	(-)	(-)	(-)
Puerto Rico	(-)	(-)	(19)	(17)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(1)

[1]Report for April.

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED MAY 23, 1953

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

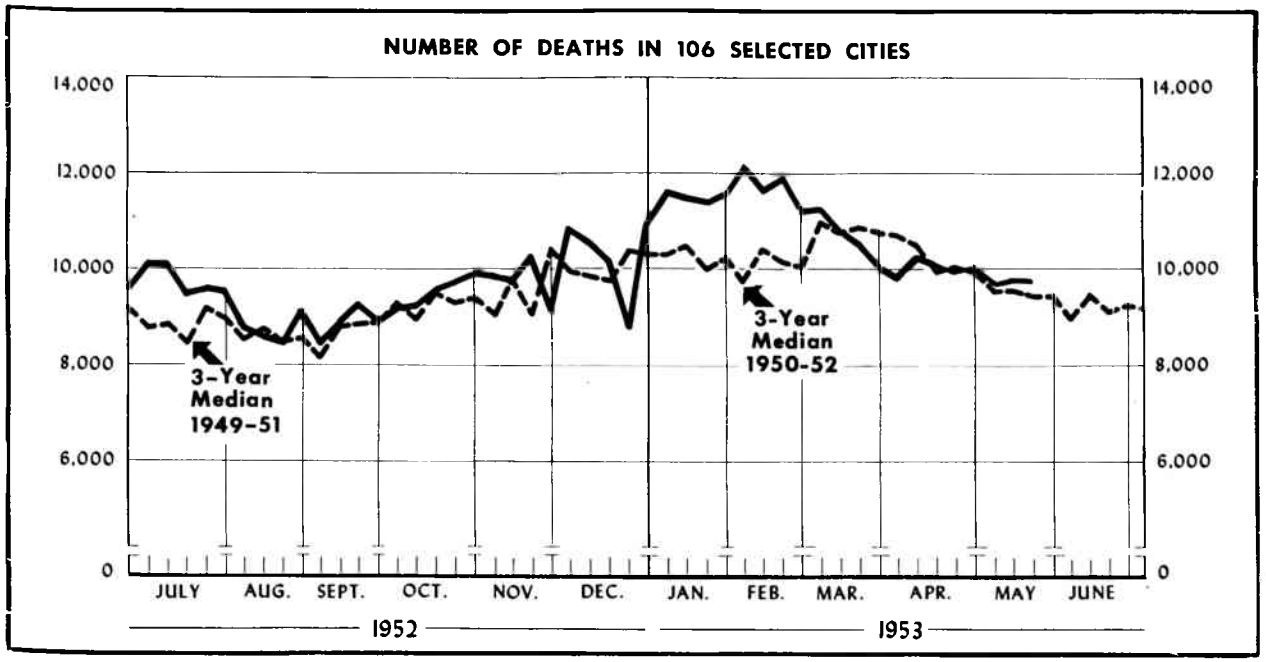
AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Measles (085)	Meningococcal infections (057)	Poliomyelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050,051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
NEW ENGLAND															
Boston	-	-	-	3	5	3	-	-	23	-	-	-	-	5	-
Bridgeport	-	-	-	-	4	-	1	-	2	-	-	-	-	-	-
Cambridge	-	-	-	1	-	-	-	-	3	-	-	-	-	1	-
Fall River	-	-	-	-	4	-	-	-	1	-	-	-	-	1	-
Hartford	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-
Lowell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lynn	-	-	-	-	-	-	1	-	4	-	-	-	-	-	-
New Bedford	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
New Haven	-	-	-	1	20	-	-	-	11	-	-	-	-	-	-
Portland, Me.	-	-	-	4	1	-	-	-	34	-	-	-	-	-	-
Providence	-	-	-	10	5	-	-	-	10	-	-	-	-	-	-
Somerville	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Springfield, Mass.	-	-	-	1	7	1	-	-	4	-	-	-	-	-	-
Waterbury	-	-	-	2	1	-	-	-	3	-	-	-	-	-	-
Worcester	-	-	-	6	2	-	-	-	18	-	-	1	-	2	-
MIDDLE ATLANTIC															
Albany	-	-	-	13	1	1	-	-	2	-	-	-	-	-	-
Buffalo	-	-	-	1	48	-	-	-	17	-	-	-	-	-	-
Camden	-	-	-	-	26	-	-	-	-	-	-	-	-	1	-
Elizabeth	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Erie	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jersey City	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-
Newark, N. J.	-	-	-	-	17	1	-	-	5	-	-	-	-	2	-
New York City	-	2	3	8	180	5	1	-	55	2	-	-	-	49	-
Paterson	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Philadelphia	-	-	-	9	21	1	-	-	11	-	-	-	-	5	-
Pittsburgh	-	-	-	3	24	1	1	-	6	-	-	1	-	10	-
Reading	-	-	-	-	138	-	-	-	1	-	-	-	-	-	-
Rochester, N. Y.	-	-	-	1	9	-	-	-	24	-	-	-	-	-	-
Schenectady	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syracuse	-	-	-	-	3	-	-	-	19	-	-	-	-	-	-
Trenton	-	-	-	-	8	-	-	-	1	-	-	-	-	1	-
Utica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yonkers	-	-	-	-	15	-	-	-	1	-	-	-	-	-	-
EAST NORTH CENTRAL															
Akron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Canton	-	-	-	-	14	-	-	-	1	-	-	-	-	1	-
Chicago	-	-	-	2	175	4	-	-	39	-	-	-	-	2	-
Cincinnati	-	-	-	-	22	1	-	-	5	-	-	-	-	-	-
Cleveland	-	-	-	-	51	1	-	-	27	-	-	-	-	21	-
Columbus	-	-	-	5	203	-	-	-	4	-	-	-	-	-	-
Dayton	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Detroit	-	-	1	1	128	-	-	-	66	-	-	-	-	6	-
Evansville	-	-	-	1	20	1	-	-	2	-	-	-	-	-	-
Flint	-	-	-	-	1	-	-	-	4	-	-	-	-	3	-
Fort Wayne	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-
Grand Rapids	-	-	-	-	11	-	-	-	2	-	-	-	-	4	-
Indianapolis	-	-	-	1	35	-	-	-	12	-	-	-	-	8	-
Milwaukee	-	-	-	-	384	-	-	-	19	-	-	-	-	3	-
Peoria	-	-	-	-	16	1	-	-	1	-	-	-	-	-	-
South Bend	-	-	-	-	7	-	-	-	1	-	-	-	-	-	-
Toledo	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Youngstown	-	-	-	2	27	-	-	-	2	-	-	-	-	-	-
WEST NORTH CENTRAL															
Des Moines	-	-	-	11	-	-	-	-	4	-	-	-	-	-	-
Duluth	-	-	-	-	11	-	-	-	1	-	-	-	-	-	-
Kansas City, Kans.	-	-	-	-	164	-	1	-	1	-	-	-	-	-	-
Kansas City, Mo.	-	5	-	1	74	-	3	-	6	-	-	-	-	4	-
Minneapolis	-	-	-	4	58	2	-	-	23	-	-	-	-	-	-
Omaha	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
St. Louis	-	1	-	-	15	1	-	-	6	-	-	-	-	1	-
St. Paul	-	-	-	-	20	-	3	-	6	-	-	-	-	-	-
Wichita	-	-	-	-	10	-	-	-	2	-	-	-	-	-	-

Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED MAY 23, 1953—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 (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
SOUTH ATLANTIC															
Atlanta	-	-	-	-	85	-	-	-	3	-	-	-	-	-	-
Baltimore	-	-	-	3	54	-	-	-	58	-	-	-	-	6	-
Charleston, S. C.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Charleston, W. Va.	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Charlotte	-	-	-	-	86	-	-	-	-	-	-	-	-	-	-
Miami	-	-	-	-	4	-	1	-	1	-	-	1	-	-	-
Norfolk	-	-	-	2	28	-	-	-	1	-	-	-	-	-	-
Richmond	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Savannah	-	-	-	-	13	-	-	-	1	-	-	-	-	1	-
Tampa	-	1	-	-	4	-	1	-	2	-	-	-	-	-	-
Washington, D. C.	-	-	-	-	16	-	-	-	3	-	-	-	-	3	-
Wilmington, Del.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
EAST SOUTH CENTRAL															
Birmingham	-	-	1	2	3	-	-	-	1	-	-	-	-	-	2
Chattanooga	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Knoxville	-	2	-	-	3	-	-	-	1	-	-	-	-	-	-
Louisville	-	-	-	-	13	3	-	-	12	-	-	1	-	5	-
Memphis	-	-	-	3	9	1	-	-	3	-	-	-	-	1	-
Mobile	-	-	-	2	1	1	1	-	2	-	-	-	-	-	-
Montgomery	-	-	-	-	2	1	6	-	-	-	-	-	-	-	-
Nashville	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL															
Dallas	-	-	-	-	142	4	-	-	3	-	-	-	-	-	-
El Paso	-	-	-	-	36	-	-	-	26	-	-	-	-	-	-
Fort Worth	-	-	-	2	53	-	3	-	3	-	-	-	1	-	-
Galveston	-	-	-	-	16	-	1	-	-	-	-	-	-	-	-
Houston	-	1	-	-	49	-	2	-	2	-	-	1	-	-	-
Little Rock	-	-	-	-	9	-	-	-	1	-	-	-	-	-	-
New Orleans	-	-	-	-	5	1	-	-	1	-	-	2	-	1	2
Oklahoma City	-	-	-	-	16	-	1	-	6	-	-	-	-	-	-
San Antonio	-	-	-	-	95	-	1	-	-	-	-	-	-	-	4
Shreveport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulsa	-	-	-	-	75	-	1	-	3	-	-	-	-	-	-
MOUNTAIN															
Albuquerque	-	-	-	-	32	-	-	-	-	-	-	-	-	-	-
Boise City	-	-	-	2	13	-	-	-	4	-	-	-	-	-	-
Colorado Springs	-	-	-	-	10	-	1	-	-	-	-	-	-	-	-
Denver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ogden	-	-	-	-	89	-	-	-	7	-	-	-	-	-	-
Phoenix	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-
Pueblo	-	-	-	2	45	-	1	-	1	-	-	-	-	-	-
Salt Lake City	-	-	-	-	52	-	-	-	-	-	-	-	-	-	-
Tucson	-	-	-	-	88	-	-	-	13	-	-	-	-	4	-
PACIFIC															
Long Beach	-	-	-	-	118	-	1	-	3	-	-	-	-	1	-
Los Angeles	-	1	-	6	487	-	7	-	16	-	-	-	-	7	-
Oakland	-	-	1	-	155	1	3	-	5	-	-	-	-	3	-
Portland, Oreg.	-	-	-	1	30	-	-	-	2	-	-	-	-	4	-
Sacramento	-	-	1	-	84	-	1	-	3	-	-	-	-	1	-
San Diego	-	-	-	-	105	1	3	-	5	-	-	-	-	-	-
San Francisco	-	-	-	1	174	1	1	-	6	-	-	-	-	12	-
Seattle	-	-	-	-	281	-	-	-	21	-	-	-	-	-	-
Spokane	-	-	-	-	26	-	-	-	5	-	-	-	-	-	-
Tacoma	-	-	-	-	10	-	-	-	2	-	-	-	-	-	-
Honolulu	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-

Provisional Statistics for Deaths in Selected Cities for Week Ended May 23, 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	20th week ended May 23, 1953	19th week ended May 16, 1953	20th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 20 WEEKS		
					1953	1952	Percentage difference
TOTAL: 104 REPORTING CITIES	9,678	9,700	9,376	+3.2	214,002	205,632	+4.1
New England----------(14 cities)	562	695	650	-13.5	14,214	14,073	+1.0
Middle Atlantic----------(17 cities)	2,942	2,924	2,834	+3.8	63,809	62,305	+2.4
East North Central----------(18 cities)	2,139	2,176	2,081	+2.8	47,418	44,652	+6.2
West North Central----------(8 cities)	788	710	669	+17.8	15,739	14,560	+8.1
South Atlantic----------(9 cities)	735	721	696	+5.6	16,709	16,048	+4.1
East South Central----------(7 cities)	394	425	401	-1.7	9,333	8,733	+6.9
West South Central----------(13 cities)	738	712	653	+13.0	15,984	15,274	+4.6
Mountain----------(6 cities)	212	206	192	+10.4	4,569	4,060	+12.5
Pacific----------(12 cities)	1,168	1,131	1,167	+0.1	26,227	25,927	+1.2

Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 23, 1953

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

CITY	20th week ended May 23, 1953	19th week ended May 16, 1953	CUMULATIVE NUMBER FOR FIRST 20 WEEKS 1953	1952
NEW ENGLAND				
Boston	184	223	4,850	4,783
Bridgeport	30	35	671	717
Cambridge	25	33	583	643
Fall River	22	21	578	595
Hartford	47	47	972	914
Lowell	21	24	529	513
Lynn	24	24	447	472
New Bedford	18	21	496	486
New Haven	37	32	927	912
Providence	40	59	1,288	1,314
Somerville	13	19	325	331
Springfield, Mass.	34	59	327	777
Waterbury	23	25	564	494
Worcester	44	73	1,157	1,122
MIDDLE ATLANTIC				
Albany	41	41	930	848
Buffalo	146	132	2,959	2,902
Camden	30	33	732	754
Elizabeth	23	28	633	631
Erie	29	40	706	669
Jersey City	67	80	1,475	1,525
Newark, N. J.	100	72	2,218	2,251
New York City	1,516	1,513	33,611	32,782
Paterson	36	37	816	842
Philadelphia	516	472	10,213	9,863
Pittsburgh	168	197	3,644	3,645
Rochester, N. Y.	92	90	2,032	1,921
Schenectady	19	34	505	478
Syracuse	50	52	1,108	1,078
Trenton	52	35	1,022	927
Utica	28	37	655	607
Yonkers	29	31	550	582
EAST NORTH CENTRAL				
Akron	53	52	1,216	1,115
Canton	17	30	601	583
Chicago	746	734	15,891	14,641
Cincinnati	128	156	3,065	2,985
Cleveland	180	184	4,339	4,262
Columbus	101	109	2,242	2,104
Dayton	61	56	1,300	1,246
Detroit	318	307	6,731	6,197
Evansville	32	25	692	674
Flint	33	36	760	688
Fort Wayne	21	32	628	615
Grand Rapids	43	46	836	781
Indianapolis	104	92	2,343	2,335
Milwaukee	114	132	2,621	2,480
Peoria	37	29	634	632
South Bend	23	24	493	481
Toledo	86	87	1,902	1,857
Youngstown	42	45	1,124	976
WEST NORTH CENTRAL				
Des Moines	43	45	1,024	1,054
Duluth	21	22	542	512
Kansas City, Kans.	---	(29)	---	(728)
Kansas City, Mo.	124	117	2,635	2,364
Minneapolis	218	123	2,728	2,410
Omaha	81	59	1,387	1,306
St. Louis	219	234	5,207	4,813
WEST NORTH CENTRAL—Con.				
St. Paul	58	58	1,374	1,296
Wichita	24	52	842	805
SOUTH ATLANTIC				
Atlanta	78	122	2,213	2,045
Baltimore	207	216	4,890	4,854
Charlotte	35	18	587	557
Miami	54	51	1,292	1,136
Norfolk	34	27	671	618
Richmond	52	47	1,375	1,425
Tampa	40	46	1,193	1,237
Washington, D. C.	202	162	3,809	3,510
Wilmington, Del.	33	32	678	666
EAST SOUTH CENTRAL				
Birmingham	69	65	1,484	1,397
Chattanooga	49	65	1,008	951
Knoxville	25	23	706	679
Louisville	95	104	2,226	2,047
Memphis	90	84	2,157	1,925
Mobile	26	34	657	552
Montgomery	(29)	(25)	(598)	(486)
Nashville	40	50	1,095	1,082
WEST SOUTH CENTRAL				
Austin	26	26	515	486
Baton Rouge	13	12	306	317
Corpus Christi	16	11	361	349
Dallas	77	90	1,964	1,815
El Paso	27	30	601	535
Fort Worth	56	44	1,190	1,082
Houston	136	135	2,536	2,383
Little Rock	25	31	866	979
New Orleans	150	131	3,227	3,155
Oklahoma City	58	52	1,133	1,078
San Antonio	64	78	1,666	1,538
Shreveport	40	37	856	787
Tulsa	50	35	763	790
MOUNTAIN				
Albuquerque	---	---	---	(506)
Colorado Springs	10	14	273	249
Denver	105	94	2,334	2,115
Ogden	13	12	241	257
Phoenix	35	23	515	434
Pueblo	12	24	294	199
Salt Lake City	37	39	912	806
Tucson	(7)	(1)	(114)	(118)
PACIFIC				
Berkeley	22	17	359	387
Long Beach	34	29	975	970
Los Angeles	428	370	9,474	9,463
Oakland	93	95	2,053	2,072
Pasadena	31	30	723	654
Portland, Oreg.	126	92	2,138	2,025
Sacramento	53	44	984	953
San Diego	64	84	1,509	1,525
San Francisco	135	186	4,068	3,946
Seattle	112	120	2,380	2,362
Spokane	33	28	865	841
Tacoma	37	36	699	729
Honolulu	(30)	(32)	(651)	(668)

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

GPO 83-54659