

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended April 18, 1953

The number (836) of reported cases of infectious hepatitis for the current week is larger than any weekly total since January 1, 1952, when the disease was added to the list of notifiable diseases. For the corresponding week of 1952 the number was 238. During the first 15 weeks of 1953, a total of 9,637 cases was reported as compared with 6,688 for the corresponding week of last year. For the current week States reporting more than 50 cases were: Iowa, 90; Kentucky, 64; Colorado, 62; New York, 51; and Connecticut, 51.

EPIDEMIOLOGICAL REPORTS

Smallpox

Dr. James O. Wails, Oklahoma Department of Health, has supplied information on the case of smallpox reported last week. This case occurred in a 78-year-old man who was extremely deaf and it was almost impossible to get a good history. He lives alone in a small mining town in the northeastern part of the State. He had not been out of this town during the 2 months preceding his illness, nor had he received any visitors from out of town. The patient had two vaccination scars and reports that an attempt at vaccination was made about 25 years ago but it failed to take. Eruptions came on apparently quite suddenly and were extremely thick over practically all of his body. His temperature was never more than 102,^o and most of the time was about 100.^o He had considerable discomfort and pain, especially backache, but was not extremely sick. His eruptions consisted of crops. In a 2-inch-square area it was possible to find tiny papules, macules, vesicles, pustules, and crusts that were black in color. These were extremely numerous over his entire body, and 3 to 4 days later extended to the palms of his hands and soles of his feet. Seven, and possibly 8, cases of chickenpox were reported in his town and neighborhood. In the opinion of several physicians the symptoms did not indicate smallpox. However, material taken from both the vesicles and pustules was inoculated in a chick embryo. The growth which resulted was thought to be either smallpox or herpes. Since generalized herpes did not appear to be a likely diagnosis, it was concluded that this was a confirmed smallpox case.

Infectious hepatitis

Dr. R. L. Cleere, Colorado Department of Public Health, gives preliminary information on an outbreak of infectious hepatitis in a county in the northeastern part of the State. The outbreak occurred between March 7 and April 13, 1953. Practically all of the 49 reported cases were in boys who participated in athletic events at a high school. The incubation period was from 10 to 14 days. The suspected source was a possible contaminated water supply at the school. The plumbing is still under study, but it is believed that the water could have become contaminated through faulty plumbing.

Tularemia

Dr. H. M. Erickson, Oregon State Board of Health, reports 1 case of tularemia in his Communicable Disease Summary for the week ended April 11. This was a student who contracted the disease in a college laboratory.

Trichiniasis

Dr. H. M. Erickson also reports 3 new cases of trichiniasis

in Oregon for the week ended April 11. This brings the total cases in the past 3 weeks to 4, the largest number reported since 1947 when 13 occurred. All these cases were traced to a single source of uncooked Polish sausage.

Shigellosis

Dr. W. H. Y. Smith, Alabama Department of Health, reports an outbreak of shigellosis in a high school. The principal of the school reported that approximately 269 students were absent with acute gastro-enteritis. Information was collected on 961 persons, 465 of whom had varying degrees of nausea, diarrhea, abdominal discomfort, fever, and in some cases, vomiting, delirium, and prostration. Stool and blood samples were collected for laboratory study. Arrangements were made for the collection of convalescent blood samples. *Shigella sonnei* was isolated from the stools of a selected group of 23 patients. Samples of food could not be obtained for examination and it was not possible to determine the vehicle of infection. No carrier of the organism was found.

Gastro-enteritis

Dr. Morris Greenberg, New York City Department of Health, reports 2 outbreaks of gastro-enteritis. The first outbreak occurred among 15 persons who attended a buffet supper at a private home. Twelve became ill from 1 to 6 hours after eating cold ham. The ham was prepared 24 hours before serving and was said to have been refrigerated. Laboratory examination of the ham revealed the presence of a large number of hemolytic *Staphylococcus aureus*. Coliform organisms were also found.

The second outbreak occurred among patients and employees in a hospital following the ingestion of creamed turkey. Although the turkey was served to about 250 patients and several employees, the outbreak was confined to 2 adjacent wards. The turkey and cream sauce had been prepared at 10:00 a.m. and thereafter unrefrigerated. The meat was served for the noon meal without any ill effects. However, when it was served for the evening meal 12 patients and a nurse became ill from 6 to 14 hours after this meal. It was concluded that only a portion of the creamed turkey had become contaminated. Stool cultures of the food handlers and of those who became ill were negative. Samples of the turkey were also negative.

Dr. W. R. Giedt, Washington State Department of Health, reports 2 outbreaks of gastro-enteritis in widely separated counties. One outbreak occurred in a private home and consisted of 4 cases. The illness occurred in all who ate ham. The meat was a precooked ham which was purchased at a local market where it was cut in 3 pieces. It was cooked for 1 hour on the day of purchase and for 30 minutes on the following day. After the first cooking it was placed in a deep freeze, and after the second, it was refrigerated. On the day following the second cooking it was sliced and served cold. Cultures of the meat surface revealed many colonies of gram positive coccus resembling *M. pyogenes albus*. Cultures of the equipment yielded *M. pyogenes var. albus*.

The other outbreak occurred among persons who attended an Easter egg hunt sponsored by local civic groups. An investigation revealed that the eggs were purchased from a local egg and poultry company. Eggs from this company had not given rise to such an incident in the past. The eggs were hard boiled April 1, and brought to a private residence where they were dyed

by 6 volunteers. They were then transported to a recreation area where they were stored at room temperature until Easter. Nose and throat cultures of 2 of the volunteers, and cultures of some cracked eggs, by the local laboratory, revealed staphylococcus. These cultures were confirmed as golden pigmented, hemolytic and coagulase positive, by the State laboratory. They are being submitted for phage typing.

The report on gastro-enteritis by Dr. McCroan of Georgia, as given in The Communicable Disease Summary last week, stated that no bacteriologic studies were made. It has been reported that specimens of food from both schools were examined as completely as possible with essentially negative results. A frozen turkey was taken from an unbroken package of the suspected

lot and carried to Atlanta for examination. *Salmonella typhimurium* and several other pathogenic and nonpathogenic organisms were isolated from the turkey.

Communicable diseases in other areas

Dr. A. S. Osborne, Science Attache, American Embassy, London, reports that the number of confirmed cases of smallpox in Yorkshire, England, has now reached 25. The last 4 cases reported indicate spread to areas not previously involved. One of the recent cases, an 8-year-old boy, died 2 days after admission to a hospital. Many of the cases reported so far have been in older people, vaccinated in infancy, or younger ones who are unvaccinated.

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
	April 18, 1953	April 12, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	-	2	2	(¹)	(¹)	(¹)	(¹)	14	13	20
Botulism-----049.1	-	2	---	(¹)	(¹)	(¹)	(¹)	5	7	---
Brucellosis (undulant fever)----044	43	40	---	(¹)	(¹)	(¹)	(¹)	435	541	---
Diphtheria-----055	39	46	107	July 1	² 2,338	3,161	6,584	² 690	981	2,233
Encephalitis, acute infectious---082	18	32	20	(¹)	(¹)	(¹)	(¹)	276	338	199
Hepatitis, infectious, and serum-----092,N998.5 pt.	836	238	---	(¹)	(¹)	(¹)	(¹)	9,679	6,688	---
Malaria-----110-117	8	30	---	(¹)	(¹)	(¹)	(¹)	135	545	---
Measles-----085	21,902	28,330	25,616	Sept. 1	209,113	410,922	280,950	178,339	358,745	250,733
Meningococcal infections-----057	122	135	104	Sept. 1	³ 3,372	3,110	2,450	³ 2,140	1,955	1,442
Poliomyelitis, acute-----080	83	56	56	Apr. 1	170	118	118	⁴ 1,752	1,438	1,380
Rabies in man-----094	-	-	---	(¹)	(¹)	(¹)	(¹)	-	5	---
Rocky Mountain spotted fever---104A	1	2	2	(¹)	(¹)	(¹)	(¹)	9	11	11
Scarlet fever and streptococcal sore throat-----050,051	3,774	3,227	2,140	Aug. 1	98,471	63,934	56,591	62,869	46,023	34,939
Smallpox-----084	⁵ 1	-	-	(¹)	(¹)	(¹)	(¹)	⁶ 6	4	18
Trichiniasis-----128	9	5	---	(¹)	(¹)	(¹)	(¹)	85	75	---
Tularemia-----059	11	11	13	(¹)	(¹)	(¹)	(¹)	158	214	266
Typhoid fever-----040	31	27	30	Apr. 1	45	49	56	350	448	520
Typhus fever, endemic-----101	4	4	---	Apr. 1	10	10	---	50	40	---
Whooping cough-----056	658	832	1,443	Oct. 1	17,167	31,164	44,834	9,310	16,979	23,220
Rabies in animals-----	177	203	---	(¹)	(¹)	(¹)	(¹)	⁷ 2,588	2,714	---

¹Not computed.

²Additions: Arkansas—4 cases, week ended February 28; 1 case each, March 21 and March 28; 1 case, April 4.

³Deduction: Arkansas, week ended April 4, 1 case.

⁴Deduction: Indiana, January 10—March 28, 11 cases.

⁵Reported in Kansas.

⁶Deduction: West Virginia, week ended March 7, 1 case.

⁷Addition: Indiana, week ended April 4, 4 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 18, 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)	
	15th week		15th week		15th week		15th week		15th week		15th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	39	46	836	238	21,902	28,330	122	135	83	56	3,774	3,227
NEW ENGLAND-----	2	2	83	4	258	4,257	4	8	-	-	390	230
Maine-----	-	-	16	2	13	466	-	4	-	-	43	12
New Hampshire-----	-	-	-	-	-	71	-	-	-	-	13	6
Vermont-----	-	-	-	-	14	201	2	-	-	-	7	8
Massachusetts-----	2	2	16	2	123	2,002	-	1	-	-	149	119
Rhode Island-----	-	-	-	-	16	274	1	-	-	-	34	12
Connecticut-----	-	-	51	-	92	1,243	1	3	-	-	144	73
MIDDLE ATLANTIC-----	5	3	77	45	1,232	9,050	16	20	6	4	659	767
New York-----	3	2	51	37	290	3,834	9	9	3	4	401	513
New Jersey-----	-	-	-	-	153	3,821	1	4	-	-	121	120
Pennsylvania-----	2	1	26	8	789	1,395	6	7	3	-	137	134
EAST NORTH CENTRAL-----	2	6	68	32	4,859	5,184	30	19	8	3	648	734
Ohio-----	1	5	19	12	909	707	14	8	3	-	127	207
Indiana-----	1	-	13	4	249	398	3	1	1	-	47	25
Illinois-----	-	1	19	3	561	1,079	5	4	2	3	147	93
Michigan-----	-	-	10	13	901	1,533	4	3	-	-	222	292
Wisconsin-----	-	-	7	-	2,239	1,467	4	3	2	-	105	117
WEST NORTH CENTRAL-----	4	2	138	27	3,470	1,500	10	5	9	6	266	132
Minnesota-----	1	-	18	2	251	61	5	1	1	3	52	48
Iowa-----	-	-	90	10	978	305	1	-	1	-	75	35
Missouri-----	2	1	3	14	934	116	-	4	1	3	22	21
North Dakota-----	1	-	1	-	72	214	1	-	-	-	38	12
South Dakota-----	-	-	-	-	-	9	-	-	1	-	4	3
Nebraska-----	-	-	22	-	87	134	-	-	2	-	21	1
Kansas-----	-	1	4	1	1,148	661	3	-	3	-	54	12
SOUTH ATLANTIC-----	7	7	141	55	1,115	2,716	18	37	10	6	313	294
Delaware-----	-	-	-	-	15	4	1	-	1	-	5	6
Maryland-----	1	-	8	5	64	478	1	9	-	-	107	39
District of Columbia-----	-	-	1	-	24	114	3	1	-	-	14	6
Virginia-----	1	3	34	9	215	1,059	1	9	1	-	105	128
West Virginia-----	1	-	21	23	155	183	-	4	-	-	21	20
North Carolina-----	-	2	28	3	178	304	7	7	-	-	35	79
South Carolina-----	3	1	2	-	122	63	2	3	1	-	1	1
Georgia-----	-	-	3	12	314	261	2	3	2	-	15	5
Florida-----	1	1	44	3	28	250	1	1	5	6	10	10
EAST SOUTH CENTRAL-----	10	9	141	34	520	1,303	22	11	9	1	85	29
Kentucky-----	5	3	64	2	265	353	7	5	2	1	26	9
Tennessee-----	-	1	28	15	60	336	4	5	1	-	46	14
Alabama-----	3	2	35	16	134	539	9	-	5	-	10	3
Mississippi-----	2	3	14	1	61	75	2	1	1	-	3	3
WEST SOUTH CENTRAL-----	8	10	43	-	5,443	1,553	7	16	10	25	672	236
Arkansas-----	1	1	6	-	782	136	-	-	1	1	44	27
Louisiana-----	-	1	-	-	196	14	1	1	1	5	8	7
Oklahoma-----	2	2	3	-	203	103	2	1	-	1	37	13
Texas-----	5	6	34	-	4,262	1,300	4	14	8	18	583	189
MOUNTAIN-----	-	1	75	8	1,997	717	3	1	9	1	386	462
Montana-----	-	1	4	-	65	84	-	1	-	-	34	15
Idaho-----	-	-	1	5	74	54	-	-	2	-	92	18
Wyoming-----	-	-	2	-	182	6	-	-	-	-	158	132
Colorado-----	-	-	62	1	782	176	2	-	2	-	39	11
New Mexico-----	-	-	3	1	188	40	-	-	-	-	18	8
Arizona-----	-	-	3	-	458	157	1	-	2	-	14	171
Utah-----	-	-	-	1	225	193	-	-	3	-	46	95
Nevada-----	-	-	-	-	23	7	-	-	-	1	5	12
PACIFIC-----	1	6	70	33	3,008	2,050	12	18	22	10	355	343
Washington-----	-	1	27	5	428	149	2	-	4	2	135	31
Oregon-----	-	1	18	9	406	79	1	1	1	1	50	91
California-----	1	4	25	19	2,174	1,822	9	17	17	7	170	221
Alaska-----	(-)	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(1)	(2)	(5)	(101)	(-)	(-)	(-)	(4)	(4)	(-)
Puerto Rico-----	(2)	(9)	(-)	(-)	(34)	(25)	(1)	(-)	(-)	(1)	(-)	(-)

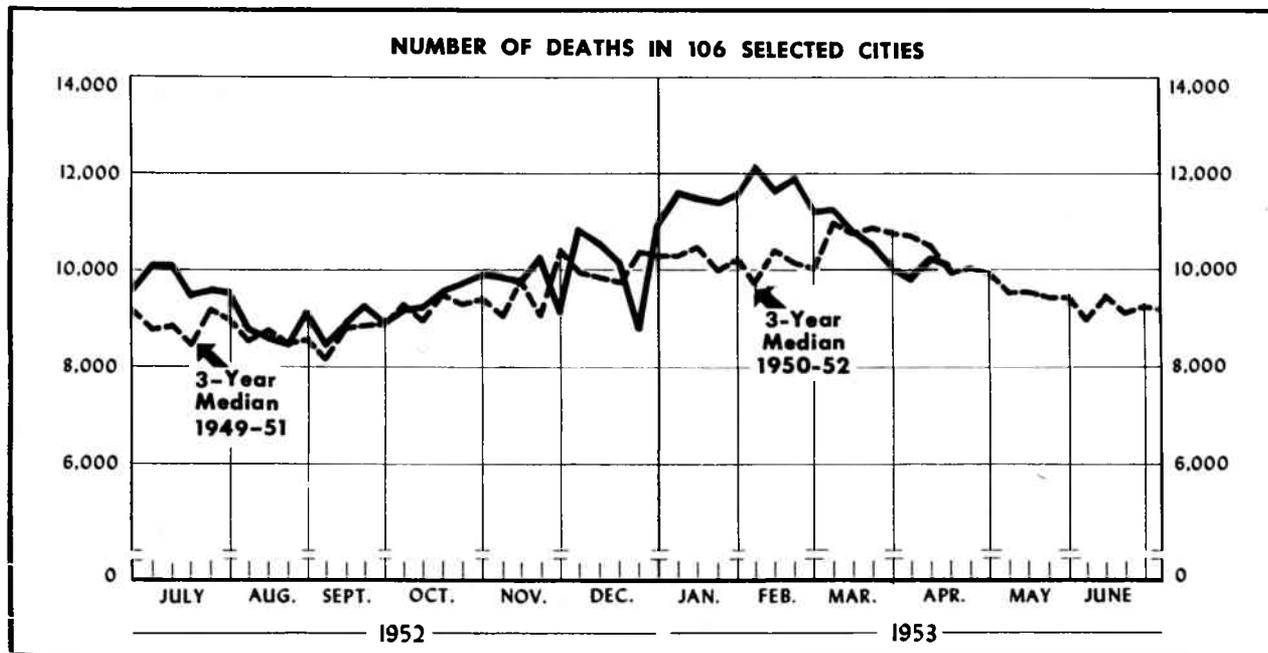
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Table 3. CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
APRIL 18, 1953

(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, M998.5 pt.)	Measles (085)	Meningococcal infections (057)	Polio-myelitis, 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-----				4	3	1			27					4	
Bridgeport-----			1		9				3					1	
Cambridge-----				1	1				3					3	
Fall River-----		1													
Hartford-----					2	1			14					3	
Lowell-----					3										
Lynn-----					1				4						
New Bedford-----					6										
New Haven-----				41	17				11						
Portland, Me.-----				1	1				12						
Providence-----					1				13						
Somerville-----		1												1	
Springfield, Mass.-----															
Waterbury-----					1				3						
Worcester-----				2	1				30			1			
MIDDLE ATLANTIC															
Albany-----		3		1					3						
Buffalo-----				2	12				6					1	
Camden-----					6	1			1						
Elizabeth-----					3				1						
Erie-----															
Jersey City-----					2				1						
Newark, N. J.-----					6				4					8	
New York City-----			9	6	130	7	1		49	2				32	
Paterson-----															
Philadelphia-----				6	16	2			22					16	
Pittsburgh-----		1			12	1			5					1	
Reading-----					71									1	
Rochester, N. Y.-----					6		1		22					4	
Schenectady-----															
Syracuse-----									20						
Trenton-----					3				2					1	
Utica-----					2				18						
Yonkers-----					10				2						
EAST NORTH CENTRAL															
Akron-----															
Canton-----			1		9				1						
Chicago-----				3	130	3			71					1	
Cincinnati-----					25	1			6						
Cleveland-----			1	1	33	1			34			1		15	
Columbus-----					302				5						
Dayton-----									1						
Detroit-----		1	3		104				41					17	
Evansville-----				1	19	1			5						
Flint-----					25				3						
Fort Wayne-----					2										
Grand Rapids-----					1				9						
Indianapolis-----				2	8				5					5	
Milwaukee-----					487				17					4	
Peoria-----					53	1			1						
South Bend-----					1				1						
Toledo-----				1	129	4			3						
Youngstown-----					37				1					1	
WEST NORTH CENTRAL															
Des Moines-----				28	61				12						
Duluth-----					22				5						
Kansas City, Kans.-----					73				2						
Kansas City, Mo.-----			2		141		1		7					2	
Minneapolis-----			1		150				18						
Omaha-----															
St. Louis-----				1	53		1		19					1	
St. Paul-----				9	35	2	1		12					1	
Wichita-----					48				7						

Provisional Statistics for Deaths in Selected Cities for
Week Ended April 18, 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	15th week ended Apr. 18, 1953	14th week ended Apr. 11, 1953	15th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		
					1953	1952	Percentage difference
TOTAL: 102 REPORTING CITIES-----	9,623	9,754	9,455	+1.8	158,033	150,027	+5.3
New England----- (14 cities)	703	708	688	+2.2	10,986	10,630	+3.3
Middle Atlantic----- (17 cities)	3,005	2,989	2,956	+1.7	48,888	47,300	+3.4
East North Central----- (17 cities)	1,902	1,986	1,866	+1.9	31,290	29,001	+7.9
West North Central----- (7 cities)	607	623	566	+7.2	10,087	9,207	+9.6
South Atlantic----- (9 cities)	749	789	763	-1.8	13,026	12,299	+5.9
East South Central----- (7 cities)	443	481	434	+2.1	7,328	6,652	+10.2
West South Central----- (12 cities)	704	693	707	-0.4	12,132	11,458	+5.9
Mountain----- (7 cities)	252	226	209	+20.6	3,982	3,459	+15.1
Pacific----- (12 cities)	1,258	1,259	1,202	+4.7	20,314	20,021	+1.5

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Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED
APRIL 18, 1953

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

CITY	15th week ended April 18 1953	14th week ended April 11 1953	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		CITY	15th week ended April 18 1953	14th week ended April 11 1953	CUMULATIVE NUMBER FOR FIRST 15 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	271	239	3,768	3,627	St. Paul-----	78	62	1,076	957
Bridgeport-----	29	34	515	556	Wichita-----	44	47	664	652
Cambridge-----	23	23	430	503	SOUTH ATLANTIC				
Fall River-----	23	25	444	442	Atlanta-----	99	119	1,703	1,524
Hartford-----	43	64	762	669	Baltimore-----	232	225	3,830	3,747
Lowell-----	32	25	418	386	Charlotte-----	34	23	450	428
Lynn-----	29	18	335	374	Miami-----	46	50	1,002	875
New Bedford-----	21	25	387	380	Norfolk-----	31	35	532	467
New Haven-----	42	55	732	673	Richmond-----	61	57	1,075	1,118
Providence-----	63	52	1,018	992	Tampa-----	49	51	951	943
Somerville-----	17	15	254	261	Washington, D. C.-----	155	189	2,959	2,707
Springfield, Mass.-----	43	52	612	577	Wilmington, Del.-----	42	40	524	490
Waterbury-----	17	34	430	370	EAST SOUTH CENTRAL				
Worcester-----	50	47	881	820	Birmingham-----	70	85	1,163	1,067
MIDDLE ATLANTIC					Chattanooga-----	42	79	783	740
Albany-----	34	60	718	620	Knoxville-----	40	38	556	518
Buffalo-----	138	163	2,246	2,174	Louisville-----	106	117	1,718	1,559
Camden-----	36	36	558	564	Memphis-----	99	89	1,722	1,473
Elizabeth-----	22	39	480	513	Mobile-----	36	20	511	498
Erie-----	43	36	561	505	Montgomery-----	(27)	(29)	(473)	(375)
Jersey City-----	68	75	1,113	1,174	Nashville-----	50	53	875	797
Newark, N. J.-----	98	134	1,741	1,716	WEST SOUTH CENTRAL				
New York City-----	1,583	1,452	25,852	24,807	Austin-----	17	26	399	362
Paterson-----	32	36	641	653	Baton Rouge-----	---	(15)	---	(243)
Philadelphia-----	489	496	7,708	7,479	Corpus Christi-----	15	15	278	265
Pittsburgh-----	174	149	2,788	2,851	Dallas-----	91	87	1,528	1,392
Rochester, N. Y.-----	97	91	1,577	1,481	El Paso-----	29	26	471	419
Schenectady-----	32	34	381	356	Fort Worth-----	64	58	938	804
Syracuse-----	48	58	849	815	Houston-----	107	98	1,944	1,840
Trenton-----	57	54	782	696	Little Rock-----	40	49	691	752
Utica-----	33	34	490	457	New Orleans-----	153	148	2,503	2,376
Yonkers-----	21	42	403	439	Oklahoma City-----	51	44	865	844
EAST NORTH CENTRAL					San Antonio-----	74	66	1,291	1,199
Akron-----	52	64	944	861	Shreveport-----	37	32	656	595
Canton-----	30	25	465	470	Tulsa-----	26	44	568	610
Chicago-----	747	749	12,141	10,973	MOUNTAIN				
Cincinnati-----	151	145	2,400	2,230	Albuquerque-----	19	18	432	376
Cleveland-----	216	218	3,357	3,188	Colorado Springs-----	16	6	210	183
Columbus-----	95	92	1,711	1,607	Denver-----	106	113	1,812	1,618
Dayton-----	64	57	971	933	Ogden-----	18	8	194	188
Detroit-----	---	(312)	---	(4,698)	Phoenix-----	40	25	396	326
Evansville-----	30	36	542	511	Pueblo-----	16	13	219	153
Flint-----	42	45	586	519	Salt Lake City-----	37	43	719	615
Fort Wayne-----	35	27	497	473	Tucson-----	(5)	(6)	(85)	(92)
Grand Rapids-----	39	45	631	590	PACIFIC				
Indianapolis-----	95	162	1,837	1,751	Berkeley-----	15	14	272	295
Milwaukee-----	113	105	2,017	1,846	Long Beach-----	60	48	782	751
Peoria-----	51	38	470	476	Los Angeles-----	487	438	7,404	7,379
South Bend-----	29	28	378	363	Oakland-----	105	89	1,565	1,587
Toledo-----	99	95	1,456	1,457	Pasadena-----	39	35	568	531
Youngstown-----	54	55	887	753	Portland, Oreg.-----	102	99	1,641	1,584
WEST NORTH CENTRAL					Sacramento-----	41	38	753	753
Des Moines-----	45	54	786	806	San Diego-----	49	79	1,146	1,180
Duluth-----	34	22	428	365	San Francisco-----	183	201	3,179	3,034
Kansas City, Kans.-----	---	(25)	---	(544)	Seattle-----	123	132	1,808	1,763
Kansas City, Mo.-----	---	(113)	---	(1,777)	Spokane-----	31	47	671	618
Minneapolis-----	110	137	2,015	1,764	Tacoma-----	23	39	525	546
Omaha-----	68	63	1,058	989	Honolulu-----	(34)	(28)	(491)	(510)
St. Louis-----	228	238	4,060	3,674					

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