

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

April 22, 1955

Washington 25, D. C.

Vol. 4, No. 15

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 16, 1955

A slight decrease in the incidence of measles was reported this week—from 25,208 cases last week to 24,788 for the current week. This indicates that the seasonal peak in incidence was reached during the 14th week as was the experience in 1954.

The incidence has not shown the sharp increase which usually occurs during the first 3 months of the year. During the first 7 weeks of 1955 the weekly reported cases were consistently higher than the corresponding figures for 1954, but they were consistently lower during the next 8 weeks. (See accompanying chart.) Since January 1, 1955, a total of 281,618 cases of measles has been reported as compared with 289,630 for the corresponding period of last year.

About a third of the cases reported so far this year have

been in the New England States, where 82,539 cases have been reported. The corresponding number in this division for 1954 was only 5,801. Other divisions showing increases in incidence over those for last year are the Middle Atlantic with 59,596 cases as compared with 50,359 for last year, and the West North Central with 16,134 cases compared with 8,804. There was little change in the incidence over that for the corresponding period of 1954 in the Pacific States. Relatively large reductions were reported in the South Atlantic States, where the decline was about 84 percent, and in the East South Central, where it was about 79 percent.

EPIDEMIOLOGICAL REPORTS

Anthrax in animals

According to the monthly report from the Department of Agriculture for March, 7 outbreaks of anthrax in animals occurred in 5 States, and as a result, 6 cattle, 3 hogs, and 1 horse were lost. Infected soil was suspected to be the source of 5 outbreaks and for two, the source was not determined. Thirty-eight States, the District of Columbia, Hawaii, and Puerto Rico reported that no anthrax outbreaks occurred during the month.

Glomerulonephritis

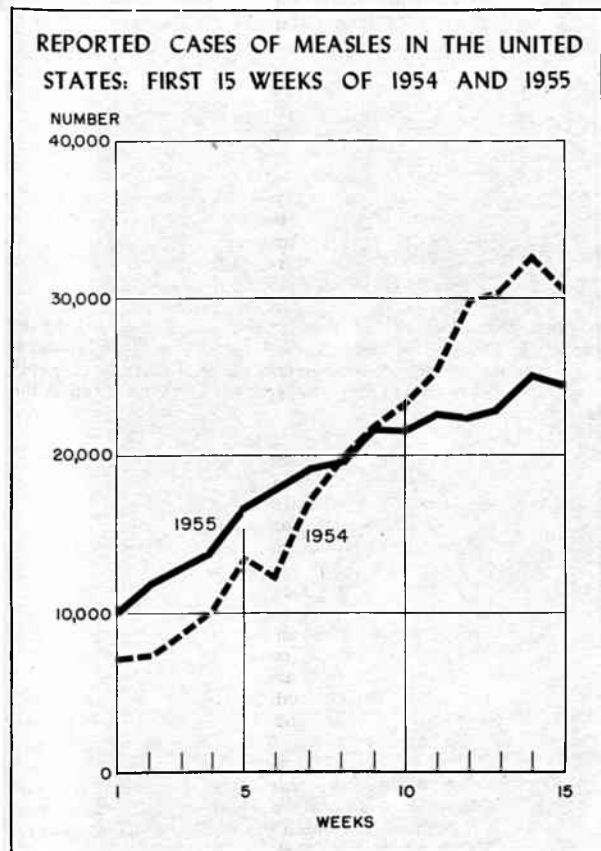
Dr. H. C. Whims, County Health Officer in North Carolina has reported an unusually high incidence of acute glomerulonephritis which occurred in the central part of the State. It followed an outbreak of severe upper respiratory disease, presumably of streptococcal etiology. A spot check of physicians in the county revealed that at least 65 cases of acute nephritis occurred during a 60-day period. Indications are that the disease is now spreading to an adjacent county. Cultural studies on new cases of respiratory illness are contemplated in a hope of isolating one of the group A Beta hemolytic streptococci known to be nephritogenic.

Psittacosis

Dr. D. S. Fleming, Minnesota Department of Health, reports a case of psittacosis in a 39-year-old woman who is employed in a department store. This makes a total of 3 cases that have been associated with the store so far this year. The diagnosis was confirmed by a complement fixation titer of 1:128 on a blood specimen obtained about 6 weeks after onset of symptoms.

Dr. Fleming also reports that psittacosis virus has been isolated from a parakeet, not from the store mentioned above, but the probable source of an earlier reported case. The source of the bird was, however, a company in Chicago from which birds for this department store are purchased.

Dr. W. R. Giedt, Washington State Department of Health, reports a case of psittacosis in a person who had no close contact with psittacine birds. The case was diagnosed by a private physician and confirmed by significant complement fixation titer. The patient worked in a variety store where she passed the section in which parakeets were kept. This is the first known case in Washington in which the contact with infected birds has been of such a transitory nature.



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Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	15th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 16, 1955	Ended Apr. 17, 1954	Median 1950-54	First 15 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	1 ¹	2	1	12	7	13	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	4	6	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	25	33	---	325	416	---	---	---	---	---
Diphtheria-----055	18	40	46	494	594	981	1,711	1,939	3,163	July 1
Encephalitis, infectious-----082	22	22	22	³ 348	328	276	³ 1,700	1,055	1,037	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	705	1,222	---	13,434	19,713	---	---	---	---	---
Malaria-----110-117	11	7	---	63	101	---	(²)	(²)	(²)	(²)
Measles-----085	24,788	30,217	23,223	⁴ 281,618	289,630	220,423	⁴ 337,368	325,722	249,813	Sept. 1
Meningococcal infections-----057	71	105	122	1,405	1,697	1,697	2,497	3,019	3,019	Sept. 1
Poliomyelitis-----080	74	87	72	1,199	1,737	1,436	135	184	130	Apr. 1
Psittacosis-----096.2	⁵ 5	9	---	⁶ 99	65	---	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	1	1	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	-	1	1	12	10	10	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	4,258	4,271	3,227	66,371	68,604	48,023	103,762	103,238	64,345	Aug. 1
Smallpox-----084	-	-	-	-	-	4	(²)	(²)	(²)	(²)
Trichiniasis-----128	-	7	---	41	94	---	(²)	(²)	(²)	(²)
Tularemia-----059	4	-	11	183	177	210	(²)	(²)	(²)	(²)
Typhoid fever-----040	27	30	30	362	454	448	55	46	48	Apr. 1
Typhus fever, endemic-----101	1	4	---	18	39	---	(²)	(²)	(²)	(²)
Whooping cough-----056	1,323	1,143	1,143	18,959	16,226	16,979	36,241	25,983	31,185	Oct. 1
Rabies in animals-----	146	163	163	1,938	2,637	2,588	3,291	4,408	---	Oct. 1

¹Reported in Pennsylvania.

²Frequencies are too small.

³Addition: Kansas, week ended April 9, 2 cases. Deduction: Pennsylvania, week ended April 9, 1 case.

⁴Deduction: Texas, week ended April 9, 1,000 cases.

⁵California, North Dakota, and Pennsylvania, 1 case each; and South Carolina, 2 cases.

⁶Addition: Idaho, week ended April 9, 1 case.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 17, 1954, AND APRIL 16, 1955

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

AREA	BRUCellosIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	25	33	18	40	22	22	705	1,222	9	6	2	1
NEW ENGLAND-----	1	-	1	1	1	2	80	59	-	-	-	-
Maine-----	-	-	-	-	-	-	16	9	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	3	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	7	-	-	-	-	-
Massachusetts-----	-	-	1	1	1	2	2*	32	-	-	-	-
Rhode Island-----	1	-	-	-	-	-	13	4	-	-	-	-
Connecticut-----	-	-	-	-	-	-	18	13	-	-	-	-
MIDDLE ATLANTIC-----	1	-	3	9	4	10	171	201	-	-	-	-
New York-----	1	-	3	9	4	10	104	152	-	-	-	-
New Jersey-----	-	-	-	-	-	-	13	14	-	-	-	-
Pennsylvania-----	-	-	-	-	-	-	54	35	-	-	-	-
EAST NORTH CENTRAL-----	8	16	-	4	2	1	95	156	-	-	-	-
Ohio-----	-	1	-	-	-	-	9	41	-	-	-	-
Indiana-----	-	-	-	2	-	-	25	17	-	-	-	-
Illinois-----	3	8	-	-	1	-	16	42	-	-	-	-
Michigan-----	1	6	-	2	-	1	33	21	-	-	-	-
Wisconsin-----	4	1	-	-	1	-	12	35	-	-	-	-
WEST NORTH CENTRAL-----	12	8	4	-	2	-	71	216	-	-	-	-
Minnesota-----	5	1	-	-	-	-	29	48	-	-	-	-
Iowa-----	4	4	-	-	-	-	23	129	-	-	-	-
Missouri-----	-	-	-	-	-	-	7	22	-	-	-	-
North Dakota-----	1	-	-	-	-	-	4	6	-	-	-	-
South Dakota-----	-	1	4	-	-	-	3	6	-	-	-	-
Nebraska-----	-	-	-	-	-	-	2	-	-	-	-	-
Kansas-----	2	2	-	-	2	-	3	5	-	-	-	-
SOUTH ATLANTIC-----	-	1	5	14	-	3	66	203	-	-	1	-
Delaware-----	-	-	-	-	-	-	1	1	-	-	-	-
Maryland-----	-	-	-	-	-	-	6	9	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	2	-	-	-	-
Virginia-----	-	-	-	1	-	3	30	119	-	-	-	-
West Virginia-----	-	-	1	-	-	-	10	27	-	-	-	-
North Carolina-----	-	-	1	6	-	-	8	34	-	-	-	-
South Carolina-----	-	-	-	2	-	-	1	6	-	-	1	-
Georgia-----	-	1	2	2	-	-	2	2	-	-	-	-
Florida-----	-	-	1	3	-	-	7	3	-	-	-	-
EAST SOUTH CENTRAL-----	1	1	3	4	3	-	24	94	-	-	-	-
Kentucky-----	-	-	2	-	-	-	5	12	-	-	-	-
Tennessee-----	1	-	1	1	2	-	13	36	-	-	-	-
Alabama-----	-	1	-	3	-	-	6	11	-	-	-	-
Mississippi-----	-	-	1	-	1	-	-	35	-	-	-	-
WEST SOUTH CENTRAL-----	1	4	2	7	3	1	35	110	8	6	-	-
Arkansas-----	-	1	-	1	-	1	2	4	-	-	-	-
Louisiana-----	-	-	1	-	-	-	-	47	-	-	-	-
Oklahoma-----	-	-	1	-	-	-	4	2	-	-	-	-
Texas-----	1	3	-	6	3	-	29	57	8	6	-	-
MOUNTAIN-----	1	3	-	1	-	-	75	65	1	-	-	-
Montana-----	-	-	-	-	-	-	12	3	1	-	-	-
Idaho-----	-	1	-	-	-	-	15	29	-	-	-	-
Wyoming-----	-	-	-	-	-	-	1	3	-	-	-	-
Colorado-----	1	-	-	-	-	-	12	11	-	-	-	-
New Mexico-----	-	-	-	-	-	-	17	4	-	-	-	-
Arizona-----	-	2	-	-	-	-	15	12	-	-	-	-
Utah-----	-	-	1	-	-	-	3	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	3	-	-	-	-
PACIFIC-----	-	-	-	-	7	5	88	118	-	-	1	1
Washington-----	-	-	-	-	-	-	26	28	-	-	-	-
Oregon-----	-	-	-	-	-	-	17	39	-	-	-	-
California-----	-	-	-	-	7	5	45	51	-	-	1	1
Alaska-----	-	-	-	-	-	-	10	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	4	-	-	-	-	-
Puerto Rico-----	-	-	1	1	-	-	2	-	-	-	-	-

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 17, 1954, AND APRIL 16, 1955—Continued

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

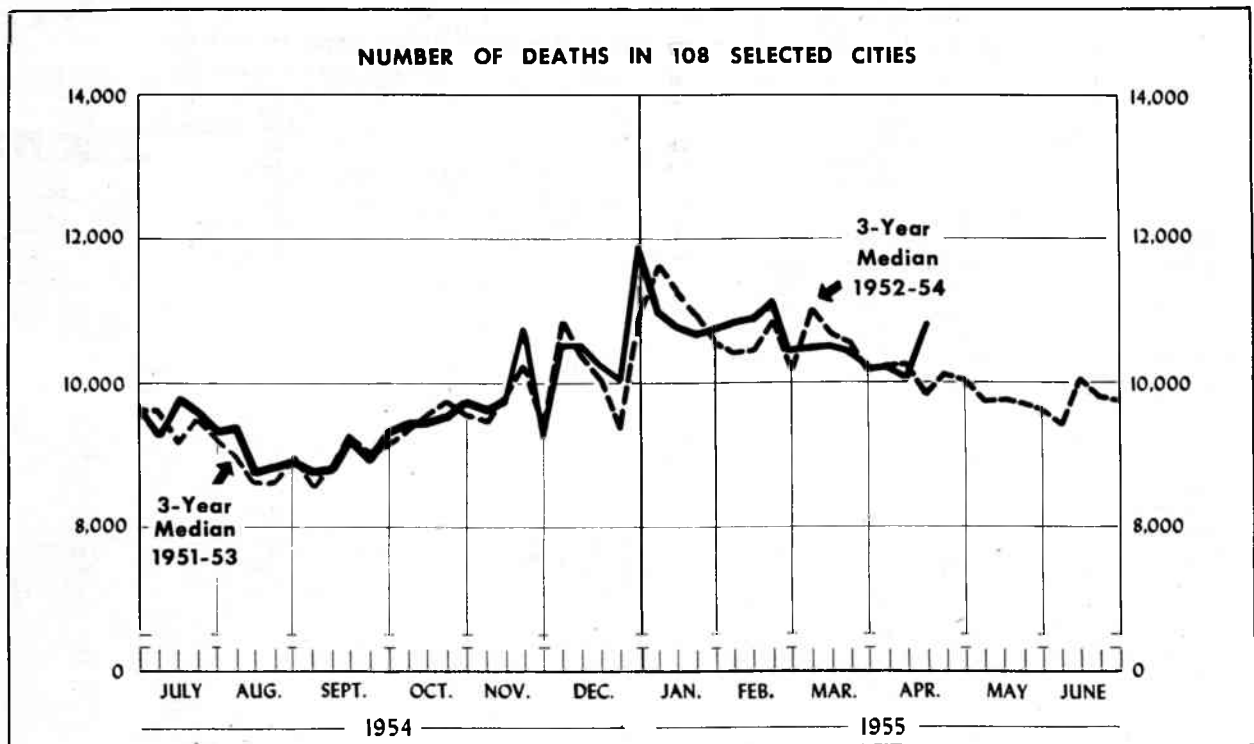
AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1955	1954	1955	1954	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	24,788	30,217	71	105	74	87	32	36	14	23	-	1
NEW ENGLAND-----	4,502	637	8	5	1	-	1	-	-	-	-	-
Maine-----	342	204	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	283	-	3	-	-	-	-	-	-	-	-	-
Vermont-----	333	53	1	-	-	-	-	-	-	-	-	-
Massachusetts-----	1,502	332	1	4	1	-	1	-	-	-	-	-
Rhode Island-----	315	3	1	-	-	-	-	-	-	-	-	-
Connecticut-----	1,727	45	2	1	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	6,154	5,620	15	19	12	4	3	-	1	-	-	-
New York-----	1,491	3,656	6	8	8	3	3	-	1	-	-	-
New Jersey-----	3,539	504	3	5	3	-	-	-	-	-	-	-
Pennsylvania-----	1,124	1,460	6	6	1	1	-	-	-	-	-	-
EAST NORTH CENTRAL-----	4,832	6,095	17	24	10	3	3	-	-	1	-	-
Ohio-----	889	1,558	6	8	4	1	-	-	-	-	-	-
Indiana-----	197	1,232	2	6	1	-	-	-	-	-	-	-
Illinois-----	471	1,121	3	4	4	-	3	-	-	-	-	-
Michigan-----	826	1,803	3	4	-	2	-	-	-	1	-	-
Wisconsin-----	2,449	381	3	2	1	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	1,188	969	3	10	7	6	-	1	1	1	-	-
Minnesota-----	233	14	-	-	1	3	-	1	-	1	-	-
Iowa-----	513	458	-	2	2	3	-	-	-	-	-	-
Missouri-----	156	43	2	2	-	-	-	-	-	-	-	-
North Dakota-----	34	45	-	1	-	-	-	-	-	-	-	-
South Dakota-----	18	40	-	1	1	-	-	-	-	-	-	-
Nebraska-----	5	299	-	-	-	-	-	-	-	-	-	-
Kansas-----	229	70	1	4	3	-	-	-	1	-	-	-
SOUTH ATLANTIC-----	551	4,213	12	9	9	16	5	8	2	3	-	1
Delaware-----	6	163	-	-	1	-	1	-	-	-	-	-
Maryland-----	56	529	2	-	-	-	-	-	-	-	-	-
District of Columbia-----	19	314	-	-	-	-	-	-	-	-	-	-
Virginia-----	139	1,359	2	1	1	1	1	1	-	-	-	1
West Virginia-----	92	380	-	-	-	-	-	-	-	-	-	-
North Carolina-----	46	543	3	5	1	2	1	1	-	1	-	-
South Carolina-----	29	181	1	1	1	1	1	-	-	1	-	-
Georgia-----	115	320	2	2	1	-	-	-	-	-	-	-
Florida-----	49	424	2	-	4	12	1	6	2	1	-	-
EAST SOUTH CENTRAL-----	499	2,519	8	14	4	7	3	3	-	-	-	-
Kentucky-----	61	1,112	4	9	3	1	2	1	-	-	-	-
Tennessee-----	269	666	2	1	-	1	-	1	-	-	-	-
Alabama-----	97	479	1	3	1	3	1	-	-	-	-	-
Mississippi-----	72	262	1	1	-	2	-	1	-	-	-	-
WEST SOUTH CENTRAL-----	2,345	5,289	5	14	20	21	13	10	3	6	-	-
Arkansas-----	260	235	-	4	1	2	1	-	-	1	-	-
Louisiana-----	5	146	2	2	3	-	3	-	-	-	-	-
Oklahoma-----	122	137	1	-	-	1	-	-	-	-	-	-
Texas-----	1,958	4,771	2	8	16	18	9	10	3	5	-	-
MOUNTAIN-----	1,197	1,042	1	3	1	2	-	1	1	1	-	-
Montana-----	26	53	-	1	-	1	-	-	-	1	-	-
Idaho-----	44	229	-	-	-	-	-	-	-	-	-	-
Wyoming-----	3	33	-	-	-	-	-	-	-	-	-	-
Colorado-----	177	30	1	-	1	1	-	1	1	-	-	-
New Mexico-----	182	125	-	1	-	-	-	-	-	-	-	-
Arizona-----	721	165	-	-	-	-	-	-	-	-	-	-
Utah-----	21	402	-	-	-	-	-	-	-	-	-	-
Nevada-----	23	5	-	1	-	-	-	-	-	-	-	-
PACIFIC-----	3,520	3,833	2	7	10	28	4	13	6	11	-	-
Washington-----	576	1,025	2	-	-	7	-	1	-	2	-	-
Oregon-----	220	171	-	1	1	-	1	-	-	-	-	-
California-----	2,724	2,637	-	6	9	21	3	12	6	9	-	-
Alaska-----	20	63	-	-	-	-	-	-	-	-	-	-
Hawaii-----	234	2	-	-	-	3	-	2	-	1	-	-
Puerto Rico-----	126	70	-	-	14	-	14	-	-	-	-	-

²Includes cases not specified by type, category number (080.3).

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 17, 1954, AND APRIL 16, 1955—Continued

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

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	4,258	4,271	-	4	-	27	30	1	1,323	1,143	146	163
NEW ENGLAND-----	401	298	-	-	-	-	-	-	80	84	-	-
Maine-----	25	40	-	-	-	-	-	-	15	3	-	-
New Hampshire-----	6	15	-	-	-	-	-	-	-	-	-	-
Vermont-----	6	6	-	-	-	-	-	-	4	16	-	-
Massachusetts-----	294	138	-	-	-	-	-	-	33	29	-	-
Rhode Island-----	18	13	-	-	-	-	-	-	16	6	-	-
Connecticut-----	52	86	-	-	-	-	-	-	12	30	-	-
MIDDLE ATLANTIC-----	572	605	-	-	-	2	1	-	96	155	15	8
New York-----	315	370	-	-	-	-	-	-	38	69	10	8
New Jersey-----	45	64	-	-	-	-	1	-	16	22	-	-
Pennsylvania-----	212	171	-	-	-	-	2	-	42	64	5	-
EAST NORTH CENTRAL-----	630	740	-	-	-	1	4	-	244	225	13	22
Ohio-----	146	178	-	-	-	-	2	-	41	48	6	2
Indiana-----	101	93	-	-	-	-	-	-	42	35	3	16
Illinois-----	137	87	-	-	-	-	1	-	45	32	2	3
Michigan-----	153	236	-	-	-	1	-	-	92	81	-	-
Wisconsin-----	93	146	-	-	-	-	1	-	24	29	2	1
WEST NORTH CENTRAL-----	127	187	-	-	-	2	1	-	94	33	16	28
Minnesota-----	33	34	-	-	-	-	1	-	11	5	-	7
Iowa-----	40	54	-	-	-	1	-	-	49	-	10	10
Missouri-----	17	28	-	-	-	1	-	-	6	2	4	8
North Dakota-----	15	16	-	-	-	-	-	-	4	-	1	1
South Dakota-----	2	8	-	-	-	-	-	-	1	1	-	2
Nebraska-----	-	15	-	-	-	-	-	-	-	-	1	2
Kansas-----	20	32	-	-	-	-	-	-	23	25	-	-
SOUTH ATLANTIC-----	509	528	-	-	-	3	7	-	125	63	32	45
Delaware-----	7	4	-	-	-	-	-	-	2	-	-	-
Maryland-----	66	71	-	-	-	-	1	-	9	9	-	-
District of Columbia-----	7	19	-	-	-	-	-	-	1	3	-	-
Virginia-----	172	218	-	-	-	-	1	-	28	14	8	13
West Virginia-----	98	56	-	-	-	1	1	-	34	12	8	12
North Carolina-----	62	85	-	-	-	1	-	-	21	13	6	5
South Carolina-----	26	12	-	-	-	-	1	-	2	3	6	9
Georgia-----	44	52	-	-	-	-	2	-	12	4	4	2
Florida-----	27	11	-	-	-	1	1	-	16	5	-	4
EAST SOUTH CENTRAL-----	242	134	-	1	-	1	7	-	102	81	29	30
Kentucky-----	111	68	-	-	-	1	2	-	21	42	8	5
Tennessee-----	113	57	-	1	-	-	1	-	41	16	4	7
Alabama-----	6	8	-	-	-	-	1	-	34	15	16	11
Mississippi-----	12	1	-	-	-	-	3	-	6	8	1	7
WEST SOUTH CENTRAL-----	954	919	-	2	-	14	7	1	266	342	32	23
Arkansas-----	64	83	-	-	-	2	2	-	12	30	4	2
Louisiana-----	4	3	-	1	-	6	-	-	3	-	-	-
Oklahoma-----	40	42	-	-	-	3	-	-	11	6	-	3
Texas-----	846	791	-	1	-	3	5	1	240	306	28	18
MOUNTAIN-----	470	367	-	1	-	2	1	-	136	44	2	3
Montana-----	10	4	-	1	-	-	-	-	11	5	-	-
Idaho-----	11	11	-	-	-	-	1	-	9	3	-	-
Wyoming-----	126	11	-	-	-	-	-	-	3	-	-	-
Colorado-----	50	76	-	-	-	-	-	-	13	-	-	1
New Mexico-----	59	40	-	-	-	1	-	-	21	9	1	2
Arizona-----	179	190	-	-	-	1	-	-	59	18	1	-
Utah-----	34	34	-	-	-	-	-	-	20	9	-	-
Nevada-----	1	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	353	493	-	-	-	2	2	-	180	116	7	4
Washington-----	105	96	-	-	-	-	1	-	18	41	-	-
Oregon-----	82	77	-	-	-	-	-	-	18	13	-	-
California-----	166	320	-	-	-	2	1	-	144	62	7	4
Alaska-----	4	3	-	-	-	-	-	-	-	-	-	-
Hawaii-----	3	-	-	-	-	-	-	-	1	2	-	-
Puerto Rico-----	-	-	-	-	-	-	1	-	13	40	1	-



The chart shows the number of deaths reported for 108 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 3 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 with a weekly average of 50 deaths, 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 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

AREA	15th week ended April 16, 1955	14th week ended April 9, 1955	15th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		
					1955	1954	Percent change
TOTAL: 107 REPORTING CITIES-----	10,778	10,015	9,792	+10.1	158,771	155,044	+2.4
New England----- (14 cities)	759	675	661	+14.8	11,198	10,426	+7.4
Middle Atlantic----- (17 cities)	3,313	3,123	2,878	+15.1	47,596	45,936	+3.6
East North Central----- (18 cities)	2,341	2,185	2,211	+5.9	34,241	33,932	+0.9
West North Central----- (8 cities)	704	609	680	+3.5	10,510	10,643	-1.2
South Atlantic----- (9 cities)	765	727	763	+0.3	11,862	11,941	-0.7
East South Central----- (8 cities)	464	482	456	+1.8	7,296	7,261	+0.5
West South Central----- (13 cities)	808	805	702	+15.1	12,352	11,957	+3.3
Mountain----- (8 cities)	292	217	235	+24.3	3,807	3,536	+7.7
Pacific----- (12 cities)	1,332	1,192	1,258	+5.9	19,909	19,412	+2.6

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 16, 1955

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

CITY	15th week ended Apr. 16, 1955	14th week ended Apr. 9, 1955	CUMULATIVE NUMBER FOR FIRST 15 WEEKS		CITY	15th week ended Apr. 16, 1955	14th week ended Apr. 9, 1955	CUMULATIVE NUMBER FOR FIRST 15 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	255	251	3,882	3,433	St. Louis-----	226	205	3,366	3,477
Bridgeport-----	44	35	592	555	St. Paul-----	77	52	1,012	972
Cambridge-----	34	23	444	439	Wichita-----	46	26	577	629
Fall River-----	32	25	463	450	SOUTH ATLANTIC				
Hartford-----	64	34	766	692	Atlanta-----	108	90	1,563	1,603
Lowell-----	31	20	369	444	Baltimore-----	229	219	3,512	3,458
Lynn-----	38	25	386	338	Charlotte-----	20	26	482	478
New Bedford-----	26	26	381	336	Jacksonville-----	(58)	(42)	(735)	(766)
New Haven-----	50	32	711	708	Miami-----	53	44	795	951
Providence-----	75	67	1,046	978	Norfolk-----	30	27	524	453
Somerville-----	17	15	259	230	Richmond-----	70	64	1,028	985
Springfield, Mass.-----	31	57	677	638	Savannah-----	(21)	(27)	(445)	(444)
Waterbury-----	22	18	394	392	Tampa-----	48	55	887	898
Worcester-----	40	47	828	793	Washington, D. C.-----	166	183	2,514	2,614
MIDDLE ATLANTIC					Wilmington, Del.-----	41	19	557	501
Albany-----	41	57	718	694	EAST SOUTH CENTRAL				
Allentown-----	(36)	(59)	(568)	(532)	Birmingham-----	84	73	1,236	1,232
Buffalo-----	151	160	2,124	2,210	Chattanooga-----	35	59	697	707
Camden-----	53	32	601	585	Knoxville-----	28	29	530	527
Elizabeth-----	28	31	447	435	Louisville-----	118	113	1,705	1,664
Erie-----	47	34	553	491	Memphis-----	92	95	1,487	1,423
Jersey City-----	96	55	1,144	1,105	Mobile-----	41	27	441	493
Newark, N. J.-----	106	87	1,640	1,517	Montgomery-----	15	21	407	423
New York City-----	1,738	1,683	25,125	24,301	Nashville-----	51	65	793	792
Paterason-----	48	39	616	597	WEST SOUTH CENTRAL				
Philadelphia-----	525	468	7,530	7,156	Austin-----	21	22	396	380
Pittsburgh-----	164	188	2,770	2,578	Baton Rouge-----	30	16	338	358
Reading-----	(32)	(19)	(361)	(339)	Corpus Christi-----	17	16	270	233
Rochester, N. Y.-----	91	95	1,462	1,438	Dallas-----	108	97	1,477	1,474
Schenectady-----	21	29	350	365	El Paso-----	33	44	440	396
Scranton-----	(46)	(32)	(538)	(527)	Fort Worth-----	55	71	847	802
Syracuse-----	69	69	865	852	Houston-----	140	131	1,989	1,974
Trenton-----	69	31	735	721	Little Rock-----	41	54	643	629
Utica-----	33	31	459	464	New Orleans-----	134	129	2,359	2,346
Yonkers-----	33	34	457	427	Oklahoma City-----	50	55	875	915
EAST NORTH CENTRAL					San Antonio-----	105	91	1,371	1,215
Akron-----	54	47	827	844	Shreveport-----	32	37	636	569
Canton-----	26	25	405	482	Tulsa-----	42	42	711	666
Chicago-----	745	713	11,065	11,158	MOUNTAIN				
Cincinnati-----	143	162	2,360	2,123	Albuquerque-----	33	17	405	410
Cleveland-----	189	186	3,067	3,142	Colorado Springs-----	20	13	210	177
Columbus-----	122	106	1,664	1,582	Denver-----	125	114	1,746	1,567
Dayton-----	71	66	1,002	999	Ogden-----	12	7	154	143
Detroit-----	365	318	5,029	4,869	Phoenix-----	25	20	378	356
Evansville-----	25	28	469	472	Pueblo-----	14	10	205	196
Flint-----	45	40	552	577	Salt Lake City-----	60	32	638	621
Fort Wayne-----	37	36	500	391	Tucson-----	3	4	71	66
Gary-----	(17)	(30)	(411)	(384)	PACIFIC				
Grand Rapids-----	45	45	625	640	Berkeley-----	19	18	263	283
Indianapolis-----	137	82	1,724	1,790	Long Beach-----	51	48	778	738
Milwaukee-----	146	124	1,846	1,904	Los Angeles-----	420	383	7,242	7,106
Peoria-----	33	32	443	478	Oakland-----	115	75	1,414	1,487
South Bend-----	20	30	374	336	Pasadena-----	38	31	529	498
Toledo-----	86	96	1,491	1,382	Portland, Oreg.-----	84	94	1,417	1,492
Youngstown-----	52	49	798	763	Sacramento-----	46	58	747	736
WEST NORTH CENTRAL					San Diego-----	89	75	1,221	1,067
Des Moines-----	61	43	740	713	San Francisco-----	225	194	3,020	2,892
Duluth-----	31	17	390	384	Seattle-----	139	130	2,017	1,859
Kansas City, Kans.-----	---	---	---	(484)	Spokane-----	55	43	666	702
Kansas City, Mo.-----	108	106	1,694	1,739	Tacoma-----	51	43	595	552
Minneapolis-----	124	90	1,777	1,789	Honolulu-----	(47)	(37)	(555)	(544)
Omaha-----	31	70	954	940					

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

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