

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Vol. 9, No. 9

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 5, 1960

Four cases of cutaneous anthrax were reported in South Carolina for the current week. These cases, the first reported in the State, were all associated with goat hair processing.

A case of malaria reported in Maryland for the current week is not included in tables 1 and 2. The infection, cerebral type, was contracted in Africa, but the individual's home is in England.

The number of deaths from influenza and pneumonia reported by large cities continued to decline for the country as a whole. However, cities in 3 geographic divisions showed a slight increase for the week ended March 5 as compared with the previous week. These were the East South Central, West South Central, and the Pacific Divisions.

Influenza

The New York State Department of Health has received reports of influenza-like illness in 3 counties in the western part of the State. Some cases have been confirmed as influenza by serologic tests or by isolation of type A2 virus. No increase in school or industrial absenteeism has been reported in the 3 counties. A few cases in the eastern part of the State have shown rises in antibody titer against influenza A in complement-fixation tests. The Pennsylvania Department of Health reports

Continued on page 2

EPIDEMIOLOGICAL REPORTS

Mortality

Mortality from all causes was higher than expected for the ninth consecutive week and about the same as that reported for last week. By geographic division, reports for the current week were significantly higher than expected for the West North Central, South Atlantic, East South Central, West South Central, and Mountain Divisions.

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	9th Week			Cumulative						Approximate seasonal low point
	Ended Mar. 5, 1960	Ended Mar. 7, 1959	Median 1955-59	First 9 weeks			Since seasonal low week			
				1960	1959	Median 1955-59	1959-60	1958-59	Median 1954-55 to 1958-59	
Anthrax-----052	14	-	-	4	-	4	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	3	1	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	15	12	16	143	97	122	(2)	(2)	(2)	(2)
Diphtheria-----055	15	22	22	182	212	212	750	818	959	July 1
Encephalitis, infectious-----082	29	31	28	237	227	184	1,859	1,962	1,536	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	684	584	556	6,575	5,031	4,605	15,005	10,448	10,448	Sept. 1
Malaria-----110-117	3	1	-	9	11	13	(2)	(2)	(2)	(2)
Measles-----085	13,484	16,998	20,330	85,685	104,951	120,462	125,154	156,340	164,321	Sept. 1
Meningitis, aseptic-----340 pt.	31	-	-	262	-	-	-	-	-	-
Meningococcal infections-----057	66	56	67	526	464	599	1,190	1,327	1,608	Sept. 1
Poliomyelitis-----080	16	19	33	193	190	398	8,492	6,032	14,775	Apr. 1
Paralytic-----080.0,080.1	7	17	17	132	136	213	5,654	3,155	6,355	Apr. 1
Nonparalytic-----080.2	6	1	15	38	28	119	2,158	1,983	5,734	Apr. 1
Unspecified-----080.3	3	1	4	23	26	66	680	894	2,686	Apr. 1
Psittacosis-----096.2	2	1	4	30	15	46	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	1	(2)	(2)	(2)	(2)
Streptococcal sore throat, including scarlet fever-----050,051	9,909	-	-	78,235	-	-	-	-	-	-
Typhoid fever-----040	10	10	16	84	100	186	824	999	1,646	Apr. 1
Typhus fever, endemic-----101	-	1	-	5	6	8	46	70	108	Apr. 1
Rabies in animals-----	85	110	110	716	728	934	1,765	1,629	1,984	Oct. 1

¹Reported in South Carolina.

²Data show no pronounced seasonal change in incidence.

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EPIDEMIOLOGICAL REPORTS—Continued

a further increase in absenteeism in a large industrial plant in Bucks County. An outbreak of respiratory disease in a hospital in Wilkes Barre affected 150 persons. One tuberculosis case in the hospital who presented a clinical picture of influenza died. Laboratory examination of specimens obtained in this outbreak is underway.

Dr. M. M. Sigel, Variety Children's Research Foundation, Miami, Florida, reports the isolation of 4 strains of type A2 influenza virus from an outbreak in a private school in Miami. One strain was recovered from a patient in the Variety Children's Hospital.

Dr. A. M. Washburn, Arkansas Board of Health, states that 1 of 4 hemagglutinating agents isolated from specimens obtained in Jefferson County have been identified as type A2 influenza virus. An outbreak in this county, which was previously reported, occurred several weeks ago.

Darrell W. Broch, Idaho Department of Health, reported the isolation of 6 hemagglutinating agents from specimens obtained during an outbreak in a State school for mentally retarded children. One strain has been identified as type A2 virus. The outbreak occurred in the first week of February. He also reported high antibody titers against influenza A in CF tests for persons ill in January.

The World Health Organization, Geneva, reports that influenza-like illness in several European countries continues to be reported. Incidence appears to be declining in Germany and Switzerland, but in Denmark and Sweden there has been some increase in notifications. The Canadian Department of National Health and Welfare reports the occurrence of influenza-like illness in an area of Manitoba. The Indian and Northern Health Services (Canada) have reported outbreaks in several schools in British Columbia and Quebec Provinces and in the Northwest Territory.

Plague

The Office of the Surgeon General, Air Force, reports that a blood culture from one of 2 patients at an Air Force Base near Roswell, New Mexico, suspected of having tularemia was positive for Pasteurella pestis. The 4th Army Medical Laboratory, San Antonio, Texas, where these cultures were examined, has also reported that the diagnosis of plague has been con-

firmed by animal inoculation. The 2 individuals, who are recovering, had contact with wild rabbits in the area of Mesa, New Mexico. The area is in the northern part of Chaves County on U.S. Route 285.

The last case of plague reported in New Mexico occurred in a 3-year-old girl, an Air Force dependent. She had onset of illness on July 7, 1959, and died a week later. The patient had been exposed to several wild rabbits about 29 miles east of Albuquerque.

Staphylococcal food poisoning

Dr. Harold Stein, Pittsfield (Massachusetts) Health Department, reported an outbreak of 28 cases of food poisoning among about 80 persons attending a banquet. The predominant symptoms were vomiting, diarrhea, and abdominal cramps beginning from 2 to 6 hours after the meal. The banquet menu included among other foods, turkey, gravy, dressing, potatoes, peas, salad, applesauce, ice cream, and cake. Coagulase-positive Staphylococcus aureus was found in samples of turkey, dressing, and cake frosting; in cultures of swabs from the throat and infected fingers of a foodhandler; and in throat swabs from 3 of 5 other foodhandlers. The samples of turkey, dressing, and several other foods were obtained the day of the outbreak; samples of the cake and throat swabs from the foodhandlers were obtained 2 days later. The turkey was prepared the day before serving and cooled without refrigeration overnight and then reheated and served hot with hot gravy. The dressing also was prepared the day prior to serving and then reheated before serving.

Gastroenteritis

Dr. I. J. Tartakow, Nassau County (New York) Health Department, reported the occurrence of 13 cases of food poisoning in a hospital. Abdominal cramps, fever, and diarrhea began on an average of 12 hours after ingestion of the suspect food, chicken a la king. It was reported the chicken had been left unrefrigerated for a period of 3 hours.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 7, 1959, AND MARCH 5, 1960

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undu- lant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	9th week		Cumulative, first 9 weeks		9th week		Cumulative, first 9 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1960		
UNITED STATES-----	16	19	193	190	7	17	132	136	6	1	31	15
NEW ENGLAND-----	1	-	6	2	1	-	6	2	-	-	-	-
Maine-----	1	-	2	-	1	-	2	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	1	-	-	-	-
Massachusetts-----	-	-	4	1	-	-	4	1	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	1	2	47	15	-	1	33	2	1	-	1	1
New York-----	1	2	26	11	-	1	17	1	1	-	-	-
New Jersey-----	-	-	2	2	-	-	2	-	-	-	-	1
Pennsylvania-----	-	-	19	2	-	-	14	1	-	-	1	-
EAST NORTH CENTRAL-----	7	1	22	12	-	1	4	10	4	-	6	1
Ohio-----	2	1	13	5	-	1	2	3	-	-	1	-
Indiana-----	-	-	-	-	-	-	-	-	-	-	2	-
Illinois-----	-	-	3	-	-	-	2	-	-	-	2	1
Michigan-----	4	-	4	6	-	-	-	6	4	-	-	-
Wisconsin-----	1	-	2	1	-	-	-	1	-	-	1	-
WEST NORTH CENTRAL-----	-	-	8	17	-	-	5	9	-	-	4	11
Minnesota-----	-	-	4	-	-	-	4	-	-	-	4	-
IOWA-----	-	-	2	-	-	-	1	-	-	-	-	6
Missouri-----	-	-	1	10	-	-	-	8	-	-	-	1
North Dakota-----	-	-	-	1	-	-	-	-	-	-	-	-
South Dakota-----	-	-	1	1	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	3	-	-	-	1	-	-	-	1
Kansas-----	-	-	-	2	-	-	-	-	-	-	-	3
SOUTH ATLANTIC-----	1	4	34	42	1	4	25	31	-	-	3	-
Delaware-----	-	-	1	1	-	-	-	1	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	-	-	1	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	1	-
Virginia-----	-	-	-	1	-	-	-	1	-	-	1	-
West Virginia-----	-	2	2	9	-	2	2	8	-	-	-	-
North Carolina-----	1	-	12	2	1	-	12	2	-	-	-	-
South Carolina-----	-	-	2	4	-	-	2	3	-	-	-	-
Georgia-----	-	-	1	1	-	-	1	1	-	-	-	-
Florida-----	-	2	16	24	-	2	8	15	-	-	1	-
EAST SOUTH CENTRAL-----	-	3	5	19	-	3	4	14	-	-	5	1
Kentucky-----	-	1	4	5	-	1	3	4	-	-	-	-
Tennessee-----	-	-	-	4	-	-	-	3	-	-	-	-
Alabama-----	-	-	-	1	-	-	-	-	-	-	2	-
Mississippi-----	-	2	1	9	-	2	1	7	-	-	3	1
WEST SOUTH CENTRAL-----	-	5	12	41	-	4	8	32	-	1	2	-
Arkansas-----	-	-	3	8	-	-	1	8	-	-	1	-
Louisiana-----	-	1	4	4	-	1	3	3	-	-	-	-
Oklahoma-----	-	-	1	3	-	-	1	2	-	-	-	-
Texas-----	-	4	4	26	-	3	3	19	-	1	1	-
MOUNTAIN-----	-	-	10	6	-	-	6	4	-	-	3	-
Montana-----	-	-	4	-	-	-	3	-	-	-	-	-
Idaho-----	-	-	4	-	-	-	1	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	-	-	-	-	3	-
New Mexico-----	-	-	-	3	-	-	-	1	-	-	-	-
Arizona-----	-	-	2	3	-	-	2	3	-	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	6	4	49	36	5	4	41	32	1	-	7	1
Washington-----	1	-	4	2	1	-	4	2	-	-	2	-
Oregon-----	-	1	7	3	-	1	3	3	-	-	-	-
California-----	5	3	37	31	4	3	33	27	1	-	5	1
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	1	(3)	-	-	1	(3)	-	-	-	-
Puerto Rico-----	---	-	² 12	3	---	-	² 12	3	---	-	---	---

¹Includes cases not specified by type, category number 080.3.

²Data exclude report from Puerto Rico for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 7, 1959, AND MARCH 5, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	9th week		Cumulative, first 9 weeks		082		9th week		Cumulative, first 9 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES-----	15	22	182	212	29	31	684	584	6,575	5,031	13,484	16,998
NEW ENGLAND-----	-	1	5	3	4	-	10	23	221	166	796	931
Maine-----	-	-	1	-	-	-	-	6	14	38	69	72
New Hampshire-----	-	-	-	-	-	-	1	3	1	3	14	20
Vermont-----	-	-	-	-	-	-	-	1	5	13	2	75
Massachusetts-----	-	1	3	3	2	-	8	10	114	63	485	183
Rhode Island-----	-	-	1	-	1	-	1	1	42	18	24	9
Connecticut-----	-	-	-	-	1	-	-	2	45	31	202	572
MIDDLE ATLANTIC-----	1	1	6	14	8	7	78	61	609	687	2,039	4,205
New York-----	-	1	1	7	6	3	50	36	306	415	1,670	605
New Jersey-----	-	-	-	6	-	1	5	9	42	93	274	1,583
Pennsylvania-----	1	-	5	1	2	3	23	16	261	179	95	2,017
EAST NORTH CENTRAL-----	1	-	15	11	3	8	166	110	1,235	793	3,364	1,854
Ohio-----	1	-	9	3	-	2	57	28	337	253	508	558
Indiana-----	-	-	3	-	-	1	22	16	172	99	318	162
Illinois-----	-	-	1	6	-	2	41	20	279	155	887	211
Michigan-----	-	-	2	-	3	3	41	40	346	243	963	479
Wisconsin-----	-	-	-	2	-	-	5	6	101	43	688	444
WEST NORTH CENTRAL-----	-	2	11	11	-	2	30	26	588	419	215	1,436
Minnesota-----	-	-	2	4	-	-	6	5	55	86	97	23
Iowa-----	-	-	2	2	-	-	4	1	105	40	60	793
Missouri-----	-	-	1	1	-	1	16	7	192	99	10	244
North Dakota-----	-	-	1	-	-	-	1	9	58	95	48	298
South Dakota-----	-	2	4	2	-	-	-	-	86	2	-	62
Nebraska-----	-	-	-	2	-	-	1	3	51	27	-	16
Kansas-----	-	-	1	-	-	1	2	1	41	70	(*)	(*)
SOUTH ATLANTIC-----	3	10	41	50	3	1	66	37	754	554	694	1,965
Delaware-----	-	-	-	-	-	-	7	1	39	22	4	31
Maryland-----	-	-	-	-	2	-	2	9	67	147	142	58
District of Columbia-----	-	-	-	-	-	-	1	1	7	7	82	13
Virginia-----	-	-	7	3	-	-	14	7	168	117	239	582
West Virginia-----	-	-	1	1	-	-	20	9	169	167	42	726
North Carolina-----	-	-	1	6	-	-	2	1	34	32	19	221
South Carolina-----	-	-	12	4	-	1	3	2	20	8	11	73
Georgia-----	-	10	3	21	1	-	11	2	76	13	4	19
Florida-----	3	-	17	15	-	-	6	5	174	41	151	242
EAST SOUTH CENTRAL-----	1	-	18	29	-	1	89	70	1,130	478	1,050	1,055
Kentucky-----	-	-	-	1	-	-	30	39	515	260	219	260
Tennessee-----	-	-	2	3	-	-	26	19	326	89	541	371
Alabama-----	-	-	10	7	-	1	24	4	228	85	149	386
Mississippi-----	1	-	6	18	-	-	9	8	61	44	141	38
WEST SOUTH CENTRAL-----	7	8	61	84	-	-	57	52	471	303	2,574	1,411
Arkansas-----	-	4	1	29	-	-	1	1	25	15	13	8
Louisiana-----	2	1	11	26	-	-	-	1	21	28	7	1
Oklahoma-----	-	-	5	1	-	-	6	10	73	44	49	26
Texas-----	5	3	44	28	-	-	50	40	352	216	2,505	1,376
MOUNTAIN-----	2	-	24	7	1	2	41	110	613	802	665	1,353
Montana-----	-	-	-	-	-	-	2	4	26	75	62	408
Idaho-----	-	-	11	-	-	-	6	14	104	122	104	59
Wyoming-----	-	-	5	-	-	-	-	-	4	31	-	34
Colorado-----	-	-	2	2	-	2	-	30	149	221	151	255
New Mexico-----	2	-	3	4	1	-	14	39	113	182	-	92
Arizona-----	-	-	-	-	-	-	12	16	146	116	103	387
Utah-----	-	-	3	-	-	-	6	6	60	43	238	92
Nevada-----	-	-	-	1	-	-	1	1	11	12	7	26
PACIFIC-----	-	-	1	3	10	10	147	95	954	829	2,087	2,788
Washington-----	-	-	-	-	-	-	21	18	120	135	782	985
Oregon-----	-	-	-	1	-	-	34	25	202	175	262	326
California-----	-	-	1	1	10	10	85	52	584	512	615	1,466
Alaska-----	-	-	1	1	-	-	2	-	21	7	22	11
Hawaii-----	-	-	-	(1)	-	-	5	(2)	27	(12)	406	(120)
Puerto Rico-----	---	-	² 41	7	---	-	---	10	² 153	37	---	80

²Data exclude report from Puerto Rico for the current week.

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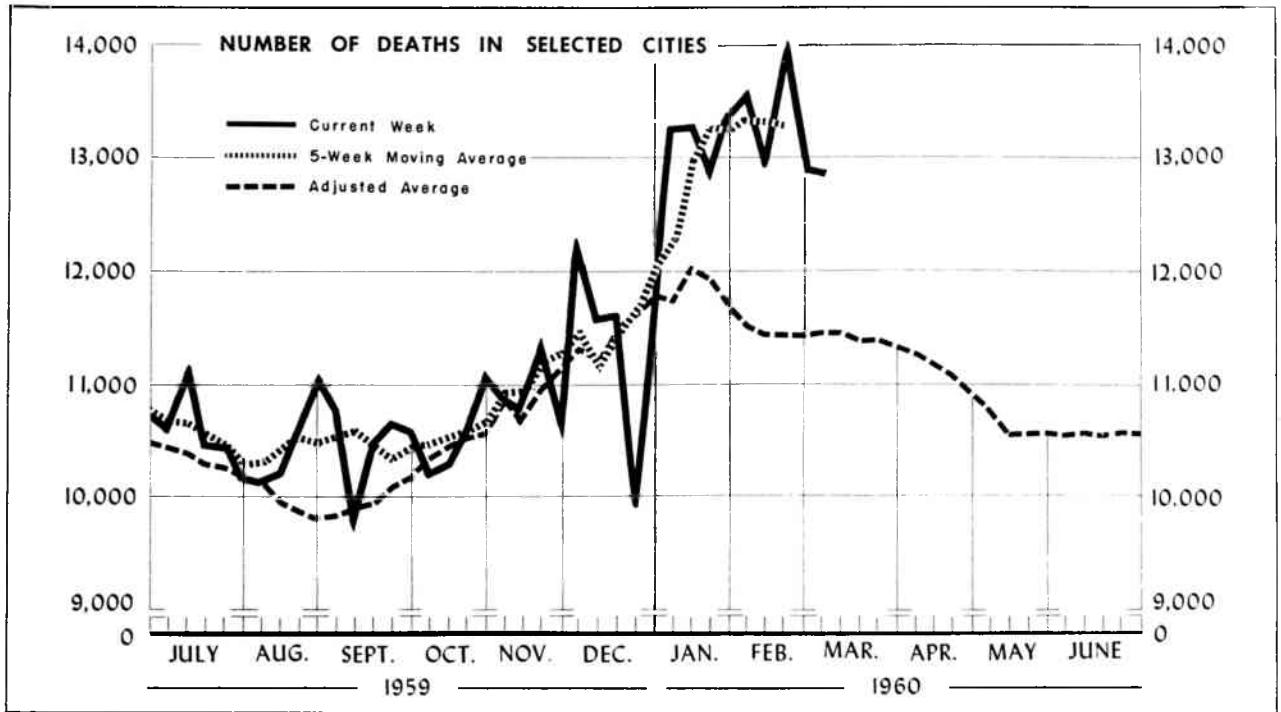
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED MARCH 7, 1959, AND MARCH 5, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	9th week		Cumulative, first 9 weeks		101		
	1960	1959	1960	1959	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES-----	3	66	56		2	9,909	10	10	84	100	-	83	110
NEW ENGLAND-----	1	2	3		-	405	-	-	1	1	-	-	-
Maine-----	-	-	-		-	34	-	-	-	-	-	-	-
New Hampshire-----	-	1	1		-	5	-	-	-	-	-	-	-
Vermont-----	-	-	-		-	13	-	-	-	-	-	-	-
Massachusetts-----	1	1	2		-	202	-	-	1	-	-	-	-
Rhode Island-----	-	-	-		-	20	-	-	-	1	-	-	-
Connecticut-----	-	-	-		-	131	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	1	17	10		-	735	1	3	5	14	-	9	5
New York-----	1	12	2		-	407	1	-	3	5	-	9	4
New Jersey-----	-	3	4		-	130	-	1	-	3	-	-	-
Pennsylvania-----	-	2	4		-	198	-	2	2	6	-	-	1
EAST NORTH CENTRAL-----	-	16	18		1	1,439	2	1	7	7	-	8	8
Ohio-----	-	1	1		-	256	-	1	1	5	-	-	3
Indiana-----	-	3	2		-	312	-	-	1	1	-	4	5
Illinois-----	-	4	8		-	190	-	-	1	1	-	1	-
Michigan-----	-	6	4		-	491	2	-	4	-	-	3	-
Wisconsin-----	-	2	3		1	190	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	-	3	2		1	259	-	-	7	5	-	9	27
Minnesota-----	-	1	1		-	18	-	-	-	-	-	1	10
Iowa-----	-	-	-		-	71	-	-	-	-	-	3	2
Missouri-----	-	2	2		-	21	-	-	7	3	-	3	3
North Dakota-----	-	-	-		-	141	-	-	-	1	-	2	1
South Dakota-----	-	-	-		-	8	-	-	-	-	-	-	11
Nebraska-----	-	-	-		-	-	-	-	-	-	-	-	-
Kansas-----	-	-	-		-	-	-	-	-	1	-	-	-
SOUTH ATLANTIC-----	-	8	8		-	384	2	2	17	22	-	13	14
Delaware-----	-	-	-		-	11	-	-	-	-	-	-	-
Maryland-----	-	-	2		-	40	-	-	-	-	-	-	-
District of Columbia-----	-	2	-		-	2	1	-	1	-	-	-	-
Virginia-----	-	1	1		-	192	-	1	3	3	-	5	6
West Virginia-----	-	-	1		-	74	-	-	-	1	-	4	2
North Carolina-----	-	-	2		-	25	1	-	7	5	-	-	-
South Carolina-----	-	1	1		-	27	-	-	5	3	-	-	1
Georgia-----	-	2	1		-	13	-	-	-	1	-	4	5
Florida-----	-	2	-		-	-	-	1	1	9	-	-	-
EAST SOUTH CENTRAL-----	-	5	4		-	1,519	2	1	25	10	-	17	20
Kentucky-----	-	1	3		-	115	2	1	9	2	-	7	3
Tennessee-----	-	1	-		-	1,282	-	-	14	5	-	8	5
Alabama-----	-	2	-		-	43	-	-	2	2	-	2	12
Mississippi-----	-	1	1		-	79	-	-	-	1	-	-	-
WEST SOUTH CENTRAL-----	-	6	6		-	1,180	1	3	11	18	-	25	30
Arkansas-----	-	-	-		-	19	-	-	2	3	-	16	11
Louisiana-----	-	5	2		-	8	-	-	4	4	-	1	1
Oklahoma-----	-	-	1		-	33	-	1	1	4	-	-	-
Texas-----	-	1	3		-	1,120	1	2	4	7	-	8	18
MOUNTAIN-----	1	-	1		-	2,287	2	-	8	8	-	1	-
Montana-----	-	-	-		-	117	-	-	4	1	-	-	-
Idaho-----	-	-	-		-	69	-	-	-	2	-	-	-
Wyoming-----	-	-	-		-	162	-	-	-	1	-	-	-
Colorado-----	-	-	-		-	987	-	-	-	-	-	-	-
New Mexico-----	-	-	-		-	294	2	-	4	1	-	-	-
Arizona-----	-	-	1		-	203	-	-	-	3	-	1	-
Utah-----	1	-	-		-	450	-	-	-	-	-	-	-
Nevada-----	-	-	-		-	5	-	-	-	-	-	-	-
PACIFIC-----	-	9	4		-	1,701	-	-	3	15	-	1	6
Washington-----	-	1	2		-	699	-	-	-	1	-	-	-
Oregon-----	-	1	-		-	70	-	-	-	1	-	-	-
California-----	-	7	2		-	922	-	-	3	13	-	1	6
Alaska-----	-	-	-		-	4	-	-	-	-	-	-	-
Hawaii-----	-	-	-		-	6	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-		-	-	-	1	² 12	2	-	-	-

²Data exclude report from Puerto Rico for the current week.



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For 1954-58, this average is based on data for 114 cities; for 1955-59, on data for 117 cities. The adjusted average is computed as follows: From the total deaths reported each week, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. 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 and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the 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 DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	9th week ended Mar. 5, 1960	8th week ended Feb. 27, 1960	Adjusted average, 9th week 1955-59	Percent change ¹	Cumulative, first 9 weeks			
					1960	1959	Adjusted average, 1955-59	Percent change ¹
TOTAL, 117 REPORTING CITIES-----	² 12,854	12,858	11,471	+12.1	² 119,130	109,194	104,806	+13.7
New England----- (14 cities)	2,788	809	779	+1.2	² 7,674	6,883	7,083	+8.3
Middle Atlantic----- (20 cities)	3,586	3,540	3,432	+4.5	31,763	31,111	31,436	+1.0
East North Central----- (21 cities)	2,669	2,680	2,585	+3.2	25,933	23,613	23,667	+9.6
West North Central----- (9 cities)	934	935	843	+10.8	8,579	7,724	7,585	+10.5
South Atlantic----- (11 cities)	1,121	1,195	981	+14.3	10,522	9,267	9,185	+14.6
East South Central----- (8 cities)	653	565	526	+24.1	5,431	4,982	4,895	+10.9
West South Central----- (13 cities)	1,202	1,196	965	+24.6	10,821	9,142	8,792	+23.1
Mountain----- (8 cities)	380	458	289	+31.5	3,622	3,020	2,657	+36.3
Pacific----- (13 cities)	1,521	1,480	1,477	+3.0	14,985	13,452	13,367	+12.1

¹Current figure divided by adjusted average.

²Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

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

Area	9th week ended Mar. 5, 1960	8th week ended Feb. 27, 1960	Cumulative, first 9 weeks		Area	9th week ended Mar. 5, 1960	8th week ended Feb. 27, 1960	Cumulative, first 9 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	283	304	2,643	2,289	St. Louis, Mo.-----	306	281	2,626	2,411
Bridgeport, Conn.-----	35	45	422	408	St. Paul, Minn.-----	78	72	761	639
Cambridge, Mass.-----	33	27	321	279	Wichita, Kans.-----	50	52	462	464
Fall River, Mass.-----	29	32	306	272	SOUTH ATLANTIC:				
Hartford, Conn.-----	45	56	491	468	Atlanta, Ga.-----	102	134	1,195	1,065
Lowell, Mass.-----	44	23	254	229	Baltimore, Md.-----	298	335	2,732	2,283
Lynn, Mass.-----	31	22	263	226	Charlotte, N.C.-----	40	48	440	338
New Bedford, Mass.-----	128	16	266	227	Jacksonville, Fla.-----	75	76	676	566
New Haven, Conn.-----	39	47	474	444	Miami, Fla.-----	95	75	782	699
Providence, R.I.-----	73	75	703	661	Norfolk, Va.-----	47	43	478	424
Somerville, Mass.-----	115	18	2157	146	Richmond, Va.-----	82	108	849	727
Springfield, Mass.-----	150	46	515	441	Savannah, Ga.-----	37	46	383	340
Waterbury, Conn.-----	22	38	274	253	St. Petersburg, Fla.-----	(85)	(84)	(770)	(682)
Worcester, Mass.-----	61	60	585	540	Tampa, Fla.-----	90	68	644	604
					Washington, D.C.-----	220	218	1,945	1,833
					Wilmington, Del.-----	35	44	398	388
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.-----	66	64	435	530	Birmingham, Ala.-----	101	91	871	812
Allentown, Pa.-----	34	42	321	337	Chattanooga, Tenn.-----	66	60	492	445
Buffalo, N.Y.-----	135	149	1,506	1,308	Knoxville, Tenn.-----	38	29	324	279
Camden, N.J.-----	50	39	455	365	Louisville, Ky.-----	144	126	1,191	1,059
Elizabeth, N.J.-----	30	39	274	264	Memphis, Tenn.-----	129	122	1,122	1,150
Erie, Pa.-----	38	46	350	342	Mobile, Ala.-----	63	43	430	366
Jersey City, N.J.-----	64	63	690	765	Montgomery, Ala.-----	49	23	354	298
Newark, N.J.-----	119	104	950	1,020	Nashville, Tenn.-----	63	71	647	573
New York City, N.Y.-----	1,749	1,784	15,721	15,656	WEST SOUTH CENTRAL:				
Paterson, N.J.-----	51	47	422	366	Austin, Tex.-----	43	37	411	281
Philadelphia, Pa.-----	671	576	5,005	5,006	Baton Rouge, La.-----	33	36	306	293
Pittsburgh, Pa.-----	202	181	2,061	1,840	Corpus Christi, Tex.-----	23	32	290	197
Reading, Pa.-----	22	17	219	227	Dallas, Tex.-----	116	139	1,251	1,108
Rochester, N.Y.-----	104	124	1,065	931	El Paso, Tex.-----	39	51	439	350
Schenectady, N.Y.-----	26	24	243	206	Fort Worth, Tex.-----	101	76	708	605
Scranton, Pa.-----	42	52	399	385	Houston, Tex.-----	222	206	1,829	1,467
Syracuse, N.Y.-----	71	91	664	566	Little Rock, Ark.-----	79	78	619	569
Trenton, N.J.-----	40	37	389	418	New Orleans, La.-----	253	224	1,939	1,687
Utica, N.Y.-----	45	30	295	292	Oklahoma City, Okla.-----	83	71	775	664
Yonkers, N.Y.-----	27	31	299	287	San Antonio, Tex.-----	91	102	1,112	926
					Shreveport, La.-----	58	65	526	528
					Tulsa, Okla.-----	61	79	616	467
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio-----	52	61	563	567	Albuquerque, N. Mex.-----	27	25	308	310
Canton, Ohio-----	41	44	374	344	Colorado Springs, Colo.-----	16	25	178	153
Chicago, Ill.-----	788	792	8,025	7,194	Denver, Colo.-----	136	130	1,255	1,066
Cincinnati, Ohio-----	168	167	1,654	1,593	Ogden, Utah-----	18	13	164	144
Cleveland, Ohio-----	229	238	2,307	2,051	Phoenix, Ariz.-----	85	120	745	548
Columbus, Ohio-----	174	124	1,259	1,072	Pueblo, Colo.-----	11	18	134	120
Dayton, Ohio-----	74	73	728	608	Salt Lake City, Utah-----	48	74	498	445
Detroit, Mich.-----	345	339	3,532	3,213	Tucson, Ariz.-----	39	53	340	234
Evansville, Ind.-----	45	41	354	356	PACIFIC:				
Flint, Mich.-----	45	40	388	375	Berkeley, Calif.-----	23	17	175	183
Fort Wayne, Ind.-----	34	40	379	333	Fresno, Calif.-----	(---)	(48)	(461)	(392)
Gary, Ind.-----	40	35	318	327	Glendale, Calif.-----	(51)	(39)	(432)	(352)
Grand Rapids, Mich.-----	40	51	424	394	Honolulu, Hawaii-----	58	50	399	332
Indianapolis, Ind.-----	171	193	1,452	1,379	Long Beach, Calif.-----	54	51	541	542
Madison, Wis.-----	47	32	305	261	Los Angeles, Calif.-----	590	553	5,745	4,770
Milwaukee, Wis.-----	143	124	1,313	1,275	Oakland, Calif.-----	91	85	939	888
Peoria, Ill.-----	32	29	296	283	Pasadena, Calif.-----	26	41	364	295
Rockford, Ill.-----	25	37	285	274	Portland, Oreg.-----	100	99	1,011	1,071
South Bend, Ind.-----	34	26	309	261	Sacramento, Calif.-----	58	54	639	489
Toledo, Ohio-----	85	125	1,078	921	San Diego, Calif.-----	79	96	961	795
Youngstown, Ohio-----	57	69	591	532	San Francisco, Calif.-----	188	202	2,034	1,914
					San Jose, Calif.-----	(32)	(26)	(271)	(249)
					Seattle, Wash.-----	163	144	1,331	1,316
					Spokane, Wash.-----	50	55	432	474
					Tacoma, Wash.-----	41	33	414	383
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	61	66	570	537					
Duluth, Minn.-----	19	30	280	242					
Kansas City, Kans.-----	30	45	352	305					
Kansas City, Mo.-----	161	141	1,300	1,203					
Lincoln, Nebr.-----	(27)	(21)	(251)	(248)					
Minneapolis, Minn.-----	132	168	1,258	1,212					
Omaha, Nebr.-----	97	80	770	711					

¹Estimated.

²Includes estimate for current week.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	0
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.