

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 9, 1959

The North Carolina State Board of Health reported a case of leprosy for the current week.

Ten of the 11 cases of brucellosis reported this week occurred in Kansas. The other case was reported in Kentucky.

EPIDEMIOLOGICAL REPORTS

Influenza

The Division of Preventive Medicine, Office of the Surgeon General, U. S. Department of the Army, reports that 2 isolations of Asian influenza virus were made from 23 throat washings obtained at Fort Knox, Kentucky, during March and April. No titer rises to influenza could be demonstrated in 21 paired sera, but 17 of the pairs showed titer rises to adenovirus. At the Aberdeen Proving Ground, Maryland, 2 isolations of Asian influenza virus were made from 8 throat washings obtained during March and April. Of 48 paired sera obtained at Fort Ord,

California, 12 were positive for influenza A, 3 for type B and 25 for adenovirus.

Dr. D. S. Fleming, Minnesota Department of Health, reports that complement fixation tests have demonstrated significant titer rises to influenza type A in 2 cases and to type B in 3 cases. The first specimens were collected during late March and early April. These are in addition to 2 type A and 4 type B confirmations reported the week ended April 18. Dr. Fleming adds that outbreaks of influenza-like illness of 3 to 4 days' duration with sore throat, fever, cough, aches, and pains, and leukopenia in some instances have been reported from several areas of the State. In a school in Kittson County absenteeism reached 20-30 percent, especially in the first six grades. An outbreak of influenza-like illness, "very similar to the Asiatic but not as severe," was reported in Nobles County. It was thought the peak occurred in the first week of April. Reports from Aitkin

Continued on page 2

Table I. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	18th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 9, 1959 ¹	Ended May 10, 1958	Median 1954-58	First 18 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	5	1	9	(2)	(2)	(2)	(2)
Botulism-----049.1	-	2	-	2	2	2	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	11	22	22	247	252	329	(2)	(2)	(2)	(2)
Diphtheria-----055	8	5	18	312	261	552	924	1,059	1,788	July 1
Encephalitis, infectious-----082	26	34	34	495	497	449	2,256	1,810	1,788	June 1
Hepatitis, infectious, and serum-----092, W998.5 pt.	448	320	385	9,393	5,966	8,793	14,810	10,285	16,702	Sept. 1
Malaria-----110-117	1	1	7	25	17	63	(2)	(2)	(2)	(2)
Measles-----085	16,316	42,808	29,904	250,641	455,517	359,199	302,030	493,957	412,050	Sept. 1
Meningococcal infections-----057	44	60	66	992	1,099	1,212	1,855	2,108	2,179	Sept. 1
Meningitis, other-----340	356	33	---	1,136	896	---	---	---	---	---
Poliomyelitis-----080	26	18	85	408	284	1,458	140	97	479	Apr. 1
Paralytic-----080.0, 080.1	19	7	40	283	147	703	96	44	248	Apr. 1
Nonparalytic-----080.2	5	7	38	69	89	407	24	30	145	Apr. 1
Unspecified-----080.3	2	4	14	56	48	262	20	23	76	Apr. 1
Pittacosis-----096.2	-	3	6	43	53	102	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	2	2	(2)	(2)	(2)	(2)
Typhoid fever-----040	13	17	37	183	255	458	59	89	168	Apr. 1
Typhus fever, endemic-----101	-	2	2	10	15	26	4	4	10	Apr. 1
Rabies in animals-----	59	80	108	1,435	1,825	2,171	2,326	2,723	3,271	Oct. 1

¹Data exclude report from Wyoming for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes 13 cases of aseptic meningitis; see footnotes to table 2.

EPIDEMIOLOGICAL REPORTS—Continued

and Meeker Counties indicated outbreaks involved mostly the younger school-age children.

Mortality from all causes and from influenza and pneumonia reported by 114 cities for the current week was lower than for last week, but above the average number of deaths reported for comparable weeks in 1954-58. This is the ninth consecutive week for which deaths from all causes have been higher than the reported average.

By geographic division total deaths were higher than average for the cities in the West North Central, West South Central, and Mountain Divisions. For influenza and pneumonia, reported deaths were higher than average for the New England, Middle Atlantic, West North Central, and West South Central Divisions.

Information from Dr. N. A. Labzoffsky, Ontario, Canada, Department of Health, states that during a current outbreak of respiratory illness in the province a number of viral isolations were made, both in tissue culture and in eggs. Not all of the isolates could be grown in eggs, and it was reported these did not appear to belong to the influenza type A and B groups.

The Regional Office of the World Health Organization states there have been reports of sporadic outbreaks of influenza-like illness in the rural parts of Jamaica during March and April. During the second and third weeks of April there were sporadic outbreaks in the capital city of Kingston and in St. Andrew, involving several hundreds of persons. The illnesses have not been very severe and have been of short duration. Laboratory studies are under way.

Malaria

Dr. James O. Walls, Oklahoma State Department of Health, supplied information on the case of malaria reported the week ending May 2. The individual was a 4-year-old girl who, with her family, had lived in Ethiopia for the past 2 years. For some reason which is not known she was allowed to stop her malaria preventive medication for a period before the family returned to the United States. She first developed symptoms of malaria 4 days after arriving in Oklahoma. The diagnosis was confirmed by a blood smear. No other members of the family showed any symptoms of malaria.

Staphylococcal food poisoning

Dr. Josef Preizler, Wisconsin State Board of Health, re-

ported that 16 of 25 persons became ill with staphylococcal food poisoning following the ingestion of custard-filled eclairs at a dinner. The illness developed from 4 to 6 hours after eating. Among those ill was a pregnant woman in the 8th month of gestation who delivered 6 hours after onset of the illness. Her child lived only 1 hour. Three children were hospitalized because of severe dehydration but all of the patients recovered within 24 to 48 hours. A large number of coagulase-positive hemolytic Staphylococcus aureus organisms were recovered from the remaining eclairs. Inspection of the bakery workers revealed no visible skin lesions. Throat cultures of the three persons participating in baking the eclairs were negative for staphylococci. All of the personnel of the bakery and also the supply of milk used in the custard are being examined. All of the members of another family, consisting of 7 persons, became ill with symptoms of staphylococcal food poisoning 6 hours after consuming a cake with custard filling made on the same date by the same bakery that made the eclairs. These cases were reported after publicity about the outbreak caused by the eclairs. All of the members of this family had eaten some other food also which could have been the source of food poisoning. No samples of these foods were available for laboratory examination.

Dr. W. H. Y. Smith, Alabama Department of Public Health, supplied information on an outbreak of staphylococcal food poisoning in which 131 children and 3 adults became ill after eating a meal which included potatoes with cream sauce and a salad of turkey and pork served on lettuce with mayonnaise. The food was contaminated with coagulase-positive, hemolytic Staph. aureus. The common symptoms were nausea and vomiting, and a few persons developed diarrhea. The onset of illness occurred from 3 to 12 hours after eating. One food handler had a throat culture positive for coagulase-positive Staph. aureus, and another had a healing forearm lesion which gave a positive culture for beta hemolytic Streptococcus, group A, and hemolytic Staph. aureus. Phage typing of the organisms is in process.

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, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 10, 1958, AND MAY 9, 1959

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

AREA	BRUCELLOSIS (undulant fever) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
			18th week		Cumulative first 18 weeks				18th week		Cumulative first 18 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	11	22	8	5	312	261	26	34	448	320	9,393	5,966
NEW ENGLAND-----	-	-	-	-	4	5	-	4	16	11	299	213
Maine-----	-	-	-	-	-	-	-	-	3	2	53	36
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	8	1
Vermont-----	-	-	-	-	-	-	-	-	-	-	17	6
Massachusetts-----	-	-	-	-	4	4	-	3	8	7	134	93
Rhode Island-----	-	-	-	-	-	-	-	1	3	1	30	33
Connecticut-----	-	-	-	-	-	1	-	-	2	1	57	44
MIDDLE ATLANTIC-----	-	-	4	-	26	27	10	9	71	40	1,329	674
New York-----	-	-	3	-	14	13	8	9	52	33	793	440
New Jersey-----	-	-	1	-	7	1	-	-	5	1	158	63
Pennsylvania-----	-	-	-	-	5	13	2	-	14	6	378	171
EAST NORTH CENTRAL-----	-	12	-	-	17	25	1	5	71	70	1,512	1,075
Ohio-----	-	1	-	-	5	6	-	-	14	33	446	336
Indiana-----	-	1	-	-	1	11	-	2	6	14	159	113
Illinois-----	-	10	-	-	8	3	1	2	11	11	291	293
Michigan-----	-	-	-	-	1	4	-	-	35	12	528	286
Wisconsin-----	-	-	-	-	2	1	-	1	5	-	90	47
WEST NORTH CENTRAL-----	10	4	2	-	30	30	1	4	38	26	760	572
Minnesota-----	-	1	1	-	14	2	-	-	1	4	169	62
Iowa-----	-	2	-	-	2	5	1	-	16	4	74	123
Missouri-----	-	1	-	-	3	12	-	-	13	-	199	83
North Dakota-----	-	-	-	-	1	1	-	-	5	2	167	86
South Dakota-----	-	-	1	-	3	3	-	1	-	-	7	3
Nebraska-----	-	-	-	-	7	7	-	3	1	-	44	41
Kansas-----	10	-	-	-	-	-	-	-	2	16	100	174
SOUTH ATLANTIC-----	-	-	-	4	65	72	3	1	25	24	890	427
Delaware-----	-	-	-	-	-	-	-	-	-	4	48	27
Maryland-----	-	-	1	-	-	3	2	-	7	2	227	43
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	10	4
Virginia-----	-	-	-	-	4	12	-	-	3	5	174	105
West Virginia-----	-	-	-	-	1	2	-	-	3	5	194	78
North Carolina-----	-	-	-	-	6	12	-	1	5	1	48	20
South Carolina-----	-	-	-	-	4	7	-	-	-	2	14	32
Georgia-----	-	-	-	-	28	20	1	-	2	2	84	44
Florida-----	-	-	-	3	22	16	-	-	5	3	91	74
EAST SOUTH CENTRAL-----	1	2	-	1	42	19	1	1	40	27	900	562
Kentucky-----	1	-	-	-	3	1	-	-	12	12	431	286
Tennessee-----	-	2	-	-	4	3	-	1	13	12	210	153
Alabama-----	-	-	-	-	9	11	1	-	14	2	178	98
Mississippi-----	-	-	-	1	26	4	-	-	1	1	81	25
WEST SOUTH CENTRAL-----	-	1	2	-	116	57	2	1	60	19	697	474
Arkansas-----	-	-	-	-	31	11	1	-	2	-	33	45
Louisiana-----	-	-	1	-	38	5	-	-	15	-	63	4
Oklahoma-----	-	1	-	-	1	15	-	-	5	3	102	81
Texas-----	-	-	1	-	46	26	1	1	38	16	499	344
MOUNTAIN ¹ -----	-	1	-	-	9	23	-	3	46	46	1,430	858
Montana-----	-	-	-	-	-	7	-	1	2	12	138	149
Idaho-----	-	-	-	-	-	1	-	-	4	6	158	75
Wyoming-----	-	-	-	-	1	2	-	-	-	-	142	3
Colorado-----	-	-	-	-	3	5	-	-	22	5	434	96
New Mexico-----	-	-	-	-	4	7	-	-	4	10	314	174
Arizona-----	-	-	-	-	1	1	-	1	10	7	250	184
Utah-----	-	1	-	-	-	-	-	-	4	4	80	87
Nevada-----	-	-	-	-	1	-	-	1	-	2	14	90
PACIFIC-----	-	2	-	-	3	3	8	6	81	57	1,576	1,111
Alaska-----	-	-	-	-	1	-	-	-	-	(3)	10	(56)
Washington-----	-	-	-	-	-	-	-	-	10	9	250	213
Oregon-----	-	1	-	-	1	1	-	-	8	11	320	139
California-----	-	1	-	-	1	2	8	6	63	37	996	759
Hawaii-----	-	-	-	-	1	-	-	-	4	-	23	22
Puerto Rico-----	-	-	-	-	11	23	-	-	10	-	84	64

¹Data exclude report from Wyoming for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 10, 1958, AND MAY 9, 1959—Continued

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

AREA	POLIOMYELITIS 080										MEASLES	
	Total ²				Paralytic 080.0,080.1				Nonparalytic		085	
	18th week		Cumulative first 18 weeks		18th week		Cumulative first 18 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	26	18	408	284	19	7	283	147	5	7	16,316	42,808
NEW ENGLAND-----	-	-	6	6	-	-	5	4	-	-	720	3,131
Maine-----	-	-	-	2	-	-	-	2	-	-	33	212
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	20	60
Vermont-----	-	-	1	-	-	-	1	-	-	-	61	40
Massachusetts-----	-	-	4	1	-	-	3	-	-	-	161	1,767
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	23	250
Connecticut-----	-	-	1	3	-	-	1	2	-	-	422	802
MIDDLE ATLANTIC-----	3	1	31	11	2	-	12	4	-	-	3,380	6,353
New York-----	3	-	26	10	2	-	11	4	-	-	969	2,894
New Jersey-----	-	1	2	1	-	-	-	-	-	-	1,384	1,355
Pennsylvania-----	-	-	3	-	-	-	1	-	-	-	1,027	2,104
EAST NORTH CENTRAL-----	3	-	30	26	2	-	18	11	-	-	2,249	11,128
Ohio-----	1	-	14	4	-	-	6	-	-	-	556	1,639
Indiana-----	-	-	1	2	-	-	1	1	-	-	206	1,473
Illinois-----	1	-	3	4	1	-	1	2	-	-	267	1,376
Michigan-----	1	-	10	12	1	-	8	6	-	-	661	2,361
Wisconsin-----	-	-	2	4	-	-	2	2	-	-	559	4,279
WEST NORTH CENTRAL-----	2	-	40	13	1	-	22	7	1	-	1,288	3,513
Minnesota-----	-	-	-	1	-	-	-	1	-	-	196	86
Iowa-----	-	-	-	3	-	-	-	1	-	-	426	2,909
Missouri-----	1	-	30	1	1	-	21	1	-	-	115	214
North Dakota-----	-	-	1	2	-	-	-	1	-	-	409	237
South Dakota-----	-	-	2	3	-	-	-	1	-	-	121	11
Nebraska-----	-	-	3	2	-	-	1	2	-	-	21	56
Kansas-----	1	-	4	1	-	-	-	-	1	-	(*)	(*)
SOUTH ATLANTIC-----	4	-	92	56	3	-	68	28	1	-	1,784	4,864
Delaware-----	-	-	2	1	-	-	2	1	-	-	29	12
Maryland-----	-	-	-	-	-	-	-	-	-	-	125	213
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	20	62
Virginia-----	-	-	4	3	-	-	4	3	-	-	768	1,423
West Virginia-----	1	-	14	5	-	-	10	4	1	-	428	674
North Carolina-----	-	-	7	10	-	-	5	3	-	-	141	218
South Carolina-----	-	-	7	3	-	-	5	2	-	-	97	927
Georgia-----	-	-	3	6	-	-	3	4	-	-	1	646
Florida-----	3	-	55	28	3	-	39	11	-	-	175	689
EAST SOUTH CENTRAL-----	2	4	34	30	1	-	22	13	1	1	804	2,753
Kentucky-----	-	-	7	13	-	-	6	7	-	-	174	729
Tennessee-----	1	1	11	5	1	-	7	2	-	1	415	1,270
Alabama-----	-	-	1	5	-	-	-	4	-	-	168	699
Mississippi-----	1	3	15	7	-	-	9	-	1	-	47	55
WEST SOUTH CENTRAL-----	7	5	86	54	6	4	69	38	1	1	1,927	5,452
Arkansas-----	2	-	16	4	2	-	16	4	-	-	22	96
Louisiana-----	-	-	14	6	-	-	12	5	-	-	1	8
Oklahoma-----	-	-	3	4	-	-	2	2	-	-	25	402
Texas-----	5	5	53	40	4	4	39	27	1	1	1,879	4,946
MOUNTAIN ¹ -----	-	3	15	26	-	1	8	10	-	2	1,681	2,654
Montana-----	-	-	-	2	-	-	-	-	-	-	75	341
Idaho-----	-	-	-	-	-	-	-	-	-	-	26	160
Wyoming-----	-	-	1	2	-	-	1	1	-	-	-	251
Colorado-----	-	-	2	5	-	-	2	4	-	-	490	619
New Mexico-----	-	-	5	10	-	-	1	3	-	-	211	378
Arizona-----	-	3	5	5	-	1	5	2	-	2	364	780
Utah-----	-	-	2	1	-	-	-	-	-	-	499	122
Nevada-----	-	-	-	1	-	-	-	-	-	-	16	3
PACIFIC-----	5	5	74	62	4	2	59	32	1	3	2,483	2,960
Alaska-----	-	-	-	(1)	-	-	-	(1)	-	-	5	(4)
Washington-----	-	-	5	6	-	-	-	-	-	-	473	494
Oregon-----	-	-	5	5	-	-	5	3	-	-	240	317
California-----	5	5	64	51	4	2	54	29	1	3	1,765	2,149
Hawaii-----	-	-	4	4	-	-	4	4	-	-	84	30
Puerto Rico-----	-	3	3	27	-	3	3	24	-	-	51	60

¹Data exclude report from Wyoming for the current week.²Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 10, 1958, AND MAY 9, 1959—Continued

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

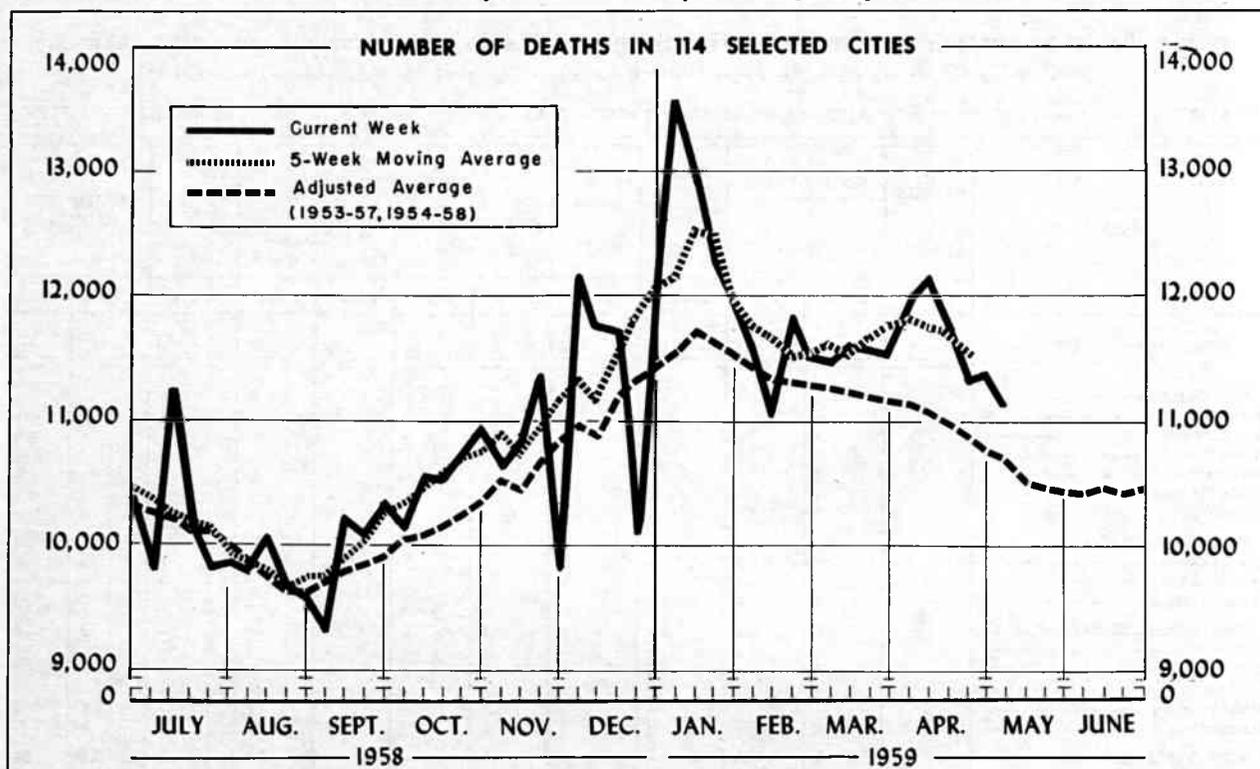
AREA	MALARIA		MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117		057		340	096.2	18th week		Cumulative first 18 weeks		101		
	1959	1958	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	1	44	60	56	-	-	13	17	183	255	-	59	80
NEW ENGLAND-----	-	4	7	7	-	-	-	1	2	3	-	-	-
Maine-----	-	-	-	-	-	-	-	-	-	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	1	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	3	2	5	-	-	-	1	-	2	-	-	-
Rhode Island-----	-	1	-	1	-	-	-	-	1	-	-	-	-
Connecticut-----	-	-	5	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC-----	-	10	10	-	-	-	1	5	21	29	-	3	7
New York-----	-	6	2	-	-	-	1	1	8	8	-	3	5
New Jersey-----	-	2	4	-	-	-	-	1	5	8	-	-	-
Pennsylvania-----	-	2	4	-	-	-	-	3	8	13	-	-	2
EAST NORTH CENTRAL-----	-	10	12	14	-	-	3	-	21	22	-	9	16
Ohio-----	-	1	4	-	-	-	-	-	11	7	-	-	-
Indiana-----	-	-	-	1	-	-	1	-	3	6	-	2	5
Illinois-----	-	4	5	13	-	-	2	-	3	1	-	-	-
Michigan-----	-	3	3	-	-	-	-	-	3	4	-	3	4
Wisconsin-----	-	2	-	-	-	-	-	-	1	4	-	4	7
WEST NORTH CENTRAL-----	-	2	1	-	-	-	-	-	7	26	-	13	24
Minnesota-----	-	-	1	-	-	-	-	-	-	2	-	3	10
Iowa-----	-	-	-	-	-	-	-	-	4	13	-	4	1
Missouri-----	-	-	-	-	-	-	-	-	1	-	-	2	2
North Dakota-----	-	-	-	-	-	-	-	-	-	1	-	-	5
South Dakota-----	-	1	-	-	-	-	-	-	-	1	-	1	-
Nebraska-----	-	1	-	-	-	-	-	-	2	5	-	-	-
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	1	6	9	16	-	-	1	1	44	45	-	7	10
Delaware-----	-	-	-	1	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	2	1	-	-	-	-	-	2	-	-	-
District of Columbia-----	-	-	-	2	-	-	-	-	1	2	-	-	-
Virginia-----	1	4	3	5	-	-	1	-	10	4	-	5	3
West Virginia-----	-	1	1	1	-	-	-	-	2	7	-	-	2
North Carolina-----	-	-	2	-	-	-	-	-	5	10	-	1	-
South Carolina-----	-	-	1	-	-	-	-	1	4	3	-	-	3
Georgia-----	-	1	-	1	-	-	-	-	6	7	-	2	-
Florida-----	-	-	-	5	-	-	-	-	16	10	-	1	2
EAST SOUTH CENTRAL-----	-	4	6	3	-	-	3	6	17	29	-	6	8
Kentucky-----	-	1	2	-	-	-	2	1	4	7	-	3	4
Tennessee-----	-	1	-	-	-	-	-	-	6	7	-	3	2
Alabama-----	-	1	3	-	-	-	-	-	2	8	-	-	2
Mississippi-----	-	1	1	3	-	-	1	5	5	7	-	-	-
WEST SOUTH CENTRAL-----	-	3	5	5	-	-	1	2	34	62	-	21	9
Arkansas-----	-	-	-	1	-	-	-	-	6	2	-	11	-
Louisiana-----	-	1	3	-	-	-	-	1	7	33	-	-	-
Oklahoma-----	-	-	-	-	-	-	-	-	6	4	-	2	1
Texas-----	-	2	2	4	-	-	1	1	15	23	-	8	8
MOUNTAIN ¹ -----	-	1	1	1	-	-	-	2	10	14	-	-	2
Montana-----	-	-	-	-	-	-	-	-	1	2	-	-	-
Idaho-----	-	-	-	-	-	-	-	-	2	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	1	-	-	-	-
Colorado-----	-	-	1	-	-	-	-	-	-	-	-	-	-
New Mexico-----	-	1	-	1	-	-	-	2	2	7	-	-	-
Arizona-----	-	-	-	-	-	-	-	-	4	1	-	-	2
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	4	9	10	-	-	4	-	27	25	-	-	4
Alaska-----	-	-	-	-	-	-	-	-	1	-	-	-	-
Washington-----	-	-	2	1	-	-	-	-	1	-	-	-	-
Oregon-----	-	-	1	-	-	-	-	-	1	5	-	-	-
California-----	-	4	6	9	-	-	4	-	24	20	-	-	4
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	-	2	10	-	-	-

¹Data exclude report from Wyoming for the current week.

²Includes 4 cases of aseptic meningitis.

⁴Aseptic meningitis.

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The chart shows the number of deaths reported for 114 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, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 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 2.3 percent to allow for estimated population growth in the cities.

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 a specified 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 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 made for use in plotting the figure in the chart.

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 114 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	18th week ended May 9, 1959	17th week ended May 2, 1959	Adjusted average, 18th week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 18 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 11,129	11,347	10,669	+4.3	² 212,686	218,060	-2.4
New England----- (14 cities)	727	697	701	+3.7	13,561	13,761	-1.5
Middle Atlantic----- (20 cities)	³ 3,137	3,335	3,131	+0.2	² 62,393	63,537	-1.8
East North Central----- (19 cities)	³ 2,331	2,486	2,309	+1.0	³ 45,202	46,398	-2.6
West North Central----- (9 cities)	869	776	764	+13.7	14,858	15,352	-3.2
South Atlantic----- (11 cities)	953	959	883	+7.9	18,059	19,349	-6.7
East South Central----- (8 cities)	497	513	472	+5.3	9,588	10,436	-8.1
West South Central----- (13 cities)	1,000	949	825	+21.2	17,642	18,256	-3.4
Mountain----- (8 cities)	326	342	251	+29.9	5,978	5,561	+7.5
Pacific----- (12 cities)	1,289	1,290	1,307	-1.4	25,605	25,410	+0.8

¹Adjusted average used as base.

²Includes estimates for missing cities.

³Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

AREA	18th week ended	17th week ended	CUMULATIVE NUMBER FIRST 18 WEEKS		AREA	18th week ended	17th week ended	CUMULATIVE NUMBER FIRST 18 WEEKS	
	May 9, 1959	May 2, 1959	1959	1958		May 9, 1959	May 2, 1959	1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	271	232	4,650	4,741	St. Louis, Mo.-----	259	259	4,621	4,898
Bridgeport, Conn.-----	27	26	752	784	St. Paul, Minn.-----	74	74	1,234	1,445
Cambridge, Mass.-----	30	27	535	558	Wichita, Kans.-----	57	51	887	834
Fall River, Mass.-----	28	40	544	534	SOUTH ATLANTIC:				
Hartford, Conn.-----	53	41	929	986	Atlanta, Ga.-----	110	108	2,097	2,167
Lowell, Mass.-----	13	22	427	518	Baltimore, Md.-----	244	233	4,550	4,918
Lynn, Mass.-----	13	26	442	403	Charlotte, N. C.-----	36	38	682	664
New Bedford, Mass.-----	26	22	449	467	Jacksonville, Fla.-----	63	71	1,093	1,226
New Haven, Conn.-----	45	40	855	921	Miami, Fla.-----	77	65	1,347	1,492
Providence, R. I.-----	85	61	1,307	1,254	Norfolk, Va.-----	34	42	765	710
Somerville, Mass.-----	14	19	262	264	Richmond, Va.-----	73	95	1,427	1,478
Springfield, Mass.-----	42	41	858	779	Savannah, Ga.-----	39	27	611	660
Waterbury, Conn.-----	21	39	517	525	St. Petersburg, Fla.-----	(60)	(54)	(1,306)	(1,427)
Worcester, Mass.-----	59	61	1,034	1,027	Tampa, Fla.-----	61	47	1,195	1,412
MIDDLE ATLANTIC:					Washington, D. C.-----	190	198	3,573	3,893
Albany, N. Y.-----	54	57	1,081	991	Wilmington, Del.-----	26	35	719	729
Allentown, Pa.-----	21	37	693	643	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	146	166	2,712	2,966	Birmingham, Ala.-----	82	86	1,539	1,786
Camden, N. J.-----	34	50	758	850	Chattanooga, Tenn.-----	37	48	882	958
Elizabeth, N. J.-----	34	19	538	572	Knoxville, Tenn.-----	21	46	515	545
Erie, Pa.-----	134	52	2,685	649	Louisville, Ky.-----	107	95	2,096	2,206
Jersey City, N. J.-----	72	62	1,477	1,402	Memphis, Tenn.-----	125	99	2,118	2,265
Newark, N. J.-----	186	100	2,197	1,867	Mobile, Ala.-----	36	49	734	795
New York City, N. Y.-----	1,588	1,648	31,986	32,098	Montgomery, Ala.-----	40	34	609	703
Paterson, N. J.-----	36	40	740	830	Nashville, Tenn.-----	49	56	1,095	1,178
Philadelphia, Pa.-----	532	542	9,626	10,058	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	137	190	3,520	3,846	Austin, Tex.-----	34	26	568	638
Reading, Pa.-----	121	28	421	422	Baton Rouge, La.-----	23	33	536	550
Rochester, N. Y.-----	96	105	1,827	1,961	Corpus Christi, Tex.-----	28	14	369	411
Schenectady, N. Y.-----	26	24	445	444	Dallas, Tex.-----	115	125	2,167	2,211
Scranton, Pa.-----	48	55	766	688	El Paso, Tex.-----	42	40	682	718
Syracuse, N. Y.-----	65	64	1,179	1,156	Fort Worth, Tex.-----	63	60	1,174	1,183
Trenton, N. J.-----	53	43	832	977	Houston, Tex.-----	136	171	2,899	3,043
Utica, N. Y.-----	24	25	538	532	Little Rock, Ark.-----	49	74	1,059	1,005
Yonkers, N. Y.-----	30	28	597	585	New Orleans, La.-----	175	168	3,164	3,455
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	74	72	1,259	1,303
Akron, Ohio-----	54	57	1,107	1,116	San Antonio, Tex.-----	123	87	1,845	1,838
Canton, Ohio-----	33	39	623	565	Shreveport, La.-----	67	24	946	942
Chicago, Ill.-----	786	791	14,408	14,830	Tulsa, Okla.-----	71	55	974	959
Cincinnati, Ohio-----	150	146	3,012	3,192	MOUNTAIN:				
Cleveland, Ohio-----	198	205	3,859	4,130	Albuquerque, N. Mex.-----	31	34	582	525
Columbus, Ohio-----	111	120	2,136	2,255	Colorado Springs, Colo.-----	11	14	305	261
Dayton, Ohio-----	165	66	2,246	1,421	Denver, Colo.-----	117	130	2,163	2,159
Detroit, Mich.-----	315	357	6,186	6,133	Ogden, Utah-----	20	10	299	260
Evansville, Ind.-----	31	43	717	751	Phoenix, Ariz.-----	58	57	1,018	880
Flint, Mich.-----	34	37	758	712	Pueblo, Colo.-----	13	17	242	241
Fort Wayne, Ind.-----	33	49	688	702	Salt Lake City, Utah-----	50	58	908	852
Gary, Ind.-----	23	28	575	626	Tucson, Ariz.-----	26	22	461	383
Grand Rapids, Mich.-----	40	47	797	815	PACIFIC:				
Indianapolis, Ind.-----	142	144	2,715	2,398	Berkeley, Calif.-----	15	23	338	380
Madison, Wis.-----	(23)	(36)	(520)	(596)	Fresno, Calif.-----	(37)	(42)	(757)	(669)
Milwaukee, Wis.-----	126	126	2,469	2,631	Glendale, Calif.-----	(42)	(40)	(711)	(625)
Peoria, Ill.-----	36	37	581	652	Long Beach, Calif.-----	53	50	1,046	998
Rockford, Ill.-----	(35)	(29)	(525)	(487)	Los Angeles, Calif.-----	465	444	9,177	9,428
South Bend, Ind.-----	24	29	492	515	Oakland, Calif.-----	92	69	1,764	1,774
Toledo, Ohio-----	83	103	1,823	1,935	Pasadena, Calif.-----	28	33	584	667
Youngstown, Ohio-----	47	62	1,010	1,019	Portland, Oreg.-----	129	87	2,163	1,880
WEST NORTH CENTRAL:					Sacramento, Calif.-----	53	56	994	949
Des Moines, Iowa-----	56	38	1,027	1,047	San Diego, Calif.-----	64	76	1,532	1,584
Duluth, Minn.-----	31	31	489	443	San Francisco, Calif.-----	184	211	3,690	3,711
Kansas City, Kans.-----	33	35	599	539	San Jose, Calif.-----	(30)	(35)	(479)	(419)
Kansas City, Mo.-----	126	120	2,267	2,407	Seattle, Wash.-----	132	144	2,578	2,496
Lincoln, Nebr.-----	(30)	(20)	(480)	(490)	Spokane, Wash.-----	41	52	940	840
Minneapolis, Minn.-----	141	103	2,367	2,402	Tacoma, Wash.-----	33	45	799	703
Omaha, Nebr.-----	92	65	1,367	1,337	Honolulu, Hawaii-----	(34)	(44)	(671)	(697)

¹Estimated.

²Includes estimate for current week.

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

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 of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 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 (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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