

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release May 9, 1958

Washington 25, D. C.

Vol. 7, No. 18

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended May 3, 1958

EPIDEMIOLOGICAL REPORTS

Typhoid fever

Dr. James Bond, Florida State Board of Health, reports that during the first week in April, 3 proven cases of typhoid fever due to *Salmonella typhi*, type E₁, occurred in children 6, 7, and 8 years old in Florida. The 3 boys were intimately associated at school and at home and gave histories of having been swimming in a small stream behind their homes. This stream carries untreated sewage from another section of the town. No other potential sources of the disease were discovered in an investigation which included an exhaustive survey for carriers among contacts. Two of the boys had severe clinical illnesses resembling classic typhoid fever, but the third had a mild illness that was detected only as a result of contact investigation.

All 3 cases were asymptomatic 2 weeks after initial treatment with a broad spectrum antibiotic. There are no carriers of *S. typhi* noted in the records for this area, but a search is currently being carried out by retrograde investigation of the sewage system.

Brucellosis

Dr. Stanley H. Osborn, Connecticut Commissioner of Health, has reported a case of brucellosis in a 9-year-old boy, a resident of a town in the western part of the State. The boy who became ill about the middle of March is the son of a dairy farmer whose herd had recently been tested and found "clean." He is a nephew of another dairy farmer whose herd is at present under quarantine because of reactors found in November 1957.

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	18th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended May 3, 1958 ¹	Ended May 4, 1957	Median 1953-57	First 18 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	1	9	12	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	4	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	18	16	22	237	324	410	(2)	(2)	(2)	(2)
Diphtheria-----055	15	15	23	284	371	656	1,056	1,120	1,986	July 1
Encephalitis, infectious-----082	30	34	34	472	424	424	1,770	1,990	1,712	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	346	312	736	6,157	6,666	11,683	9,962	11,865	17,756	Sept. 1
Malaria-----110-117	2	1	6	19	29	71	(2)	(2)	(2)	(2)
Measles-----085	41,804	22,977	26,843	418,268	291,516	340,873	451,171	328,725	372,257	Sept. 1
Meningococcal infections-----057	43	56	101	1,093	1,018	1,663	2,050	1,749	2,685	Sept. 1
Meningitis, other-----340	39	44	---	886	586	---	---	---	---	---
Poliomyelitis-----080	19	37	111	299	709	1,599	80	163	439	Apr. 1
Paralytic-----080.0,080.1	7	18	---	158	356	---	37	82	---	Apr. 1
Nonparalytic-----080.2	8	14	---	90	241	---	23	78	---	Apr. 1
Unspecified-----080.3	4	5	---	51	112	---	20	23	---	(2)
Psittacosis-----096.2	7	12	8	50	98	98	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	2	1	1	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	27	34	248	349	450	71	92	131	Apr. 1
Typhus fever, endemic-----101	1	2	2	14	31	31	2	6	9	Apr. 1
Rabies in animals-----	98	104	104	1,824	1,831	2,282	2,639	2,795	3,647	Oct. 1

¹Data exclude report from Arkansas for current week.

²Data show no pronounced seasonal change in incidence.

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

EPIDEMIOLOGICAL REPORTS—Continued

The patient frequently visited his uncle's home and barns and drank raw milk from his dairy. Laboratory examinations of the boy's serum showed complete agglutination at 1:80 and incomplete agglutination in titers up to 1:640.

Information has been received of a case of brucellosis in a farmer living in South Dakota. The patient accidentally stuck himself in the hand with a needle from a syringe used in vaccinating cattle. His hand became badly swollen, and this was followed by typical symptoms of brucellosis.

Schistosomiasis

Drs. F. H. Colwell and J. W. Spelman, Philadelphia Department of Public Health, have supplied information on 2 cases of schistosomiasis. The first patient was a 29-year-old Puerto Rican female who was known to have hepatic cirrhosis due to schistosomiasis. The patient died when a splenectomy and spleno-renal shunt was attempted. At autopsy the liver was found to be normal in size, firm, and cirrhotic. The mucosa of the sigmoid colon and rectum was thickened and pale.

The second case, also fatal, was in a 16-year-old Puerto Rican male. When admitted to the hospital, he complained of abdominal pain which was intermittent in character. He had the same complaint while in Puerto Rico, 18 months previously. There had been episodes of melena, rectal bleeding, and diarrhea. After coming to the United States, he had occasional chest pains but no cough. Physical examination showed a protuberant abdomen, enlarged liver, and marked splenomegaly. Stool examination showed ova resembling Schistosoma mansoni. He became febrile, had a rapid pulse and increased respiratory rate prior to his death. At autopsy the liver was found to be nodular and covered with a thick, fibrous, opaque capsule. The portal vein was greatly distended. The esophagus showed large varicosities. Other findings included mesenteric lymphadenitis and lymph follicle hypertrophy in the mucosa of the cecum and sigmoid colon.

Plague

F. M. Prince, San Francisco Field Station, Public Health Service, has supplied the following report. Pasteurella pestis has been isolated from specimen 1243-A, a Citellus b. douglasii (ground squirrel), found dead, April 11, 1958, on a ranch located 15 miles east of Klamath Falls, Oregon.

Blastomycosis

Dr. J. M. Bruce, Louisiana State Department of Health, has reported a case of cutaneous and systemic blastomycosis in a 46-year-old man. The man was born and raised in Tennessee, and has been a farmer and construction worker all of his life. Early in 1953 he noticed a red colored lesion at the left nasolabial fold and soreness of the mouth. A biopsy of the lesion showed Blastomyces. The lesion then started to enlarge. Iodide treatment was started in 1954 with good effect for 8 months. Following this, he was treated with hydroxyl stilbamidine with good results at first. On July 6, 1956, complement fixation test for Blastomyces was positive, 1:8. In 1957 the lesion on his face spread to the right nasolabial, maxillary, and perioral regions, and he noticed increased salivation, soreness

in the mouth, difficulty and soreness in swallowing, hemoptysis, and dyspnea after walking 3 to 4 blocks. He was admitted to the hospital, and lung involvement was demonstrated. On July 9, 1957, blastomycetes were found in 2 specimens of sputum. He was treated with 8 infusions of intravenous amphotericin, and had one very severe reaction. He was readmitted to the hospital in January of 1958 at which time he complained of soreness of the mouth, tongue, and difficulty in swallowing. There were lesions on both cheeks. He was treated with daily intravenous infusions of 15 mgs. of amphotericin, 25 mgs. of Solu-Cortef, and 10 mgs. of Chlor-Trimenton. His lesions improved, and he was discharged in February. He will return to the hospital for further treatment in May of this year.

Staphylococcal infections in a nursery for newborn

Information has been received from Dr. C. S. Mollohan, Colorado State Department of Public Health, of an outbreak of staphylococcal infections among newborns in a hospital nursery. Investigation revealed that of 10 babies delivered during the first half of April; 7 developed skin lesions during the fourth or fifth days after delivery. A baby and its mother both developed breast abscesses. To date there have been no deaths. Laboratory tests have demonstrated a pathogenic Staphylococcus which is undergoing further study.

Staphylococcal food poisoning

Dr. Dean Fisher, Maine Department of Health and Welfare, has forwarded a report of an outbreak of staphylococcal food poisoning in 5 persons after ingestion of cream pies from a bakery. Symptoms developed in from 2 to 4 hours. The 5 persons who became ill had obtained the pies from 3 different retail outlets. Conditions at the bakery were found to be unsanitary. The cream filling for the pies was allowed to cool for from 3 to 4 hours, uncovered, in a crowded room. The pies were not refrigerated. Several samples of banana cream and of graham cracker cream pies showed Staphylococcus aureus. Nose and throat cultures from several of the food handlers showed Staph. aureus and other pathogens. No other cases were discovered.

The California State Department of Health has reported an outbreak of staphylococcal food poisoning in 5 persons who became ill with nausea, vomiting, and diarrhea 3 to 6 hours after eating barbecued ham. Symptoms lasted about 12 hours. The ham already barbecued had been purchased from a meat market. The ham was canned and remained in the can under refrigeration until it was barbecued on a spit. After being barbecued for about an hour, it was wrapped in aluminum foil and remained out of refrigeration for about 4 hours. The ham was then refrigerated for about 20 hours. It was again removed from refrigeration and about 2½ hours elapsed before it was eaten. A sample of ham produced a plate count of 7×10^8 colonies per gram of pathogenic staphylococci.

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, ALASKA, HAWAII, AND PUERTO, FOR WEEKS ENDED MAY 4, 1957, AND MAY 3, 1958

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

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		18th week		Cumulative first 18 weeks		082		18th week		Cumulative first 18 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	18	16	15	15	284	371	30	34	346	312	6,157	6,666
NEW ENGLAND-----	2	-	-	-	5	11	3	1	8	18	205	355
Maine-----	-	-	-	-	-	1	-	-	3	8	34	107
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	1	7
Vermont-----	-	-	-	-	-	-	-	-	-	5	6	66
Massachusetts-----	1	-	-	-	4	10	3	1	2	4	87	95
Rhode Island-----	-	-	-	-	-	-	-	-	2	1	32	32
Connecticut-----	1	-	-	-	1	-	-	-	1	-	45	46
MIDDLE ATLANTIC-----	-	-	1	1	30	31	5	7	50	52	674	922
New York-----	-	-	1	-	13	18	4	7	39	34	428	509
New Jersey-----	-	-	-	1	2	6	-	-	1	5	64	148
Pennsylvania-----	-	-	-	-	15	7	1	-	10	13	182	265
EAST NORTH CENTRAL-----	1	2	1	-	26	27	7	1	102	38	1,042	1,261
Ohio-----	-	-	-	-	6	5	-	-	14	11	317	320
Indiana-----	-	-	1	-	12	8	-	1	4	4	100	186
Illinois-----	-	2	-	-	3	-	-	-	66	12	285	259
Michigan-----	1	-	-	-	4	13	6	-	16	8	291	364
Wisconsin-----	-	-	-	-	1	1	1	-	2	3	49	132
WEST NORTH CENTRAL-----	5	12	5	3	30	35	-	9	14	13	556	425
Minnesota-----	1	1	-	1	2	20	-	-	-	8	60	146
Iowa-----	2	8	1	-	5	4	-	-	3	-	120	98
Missouri-----	1	1	2	-	12	1	-	1	8	5	89	83
North Dakota-----	-	-	-	-	1	1	-	1	1	-	85	57
South Dakota-----	1	-	1	-	3	4	-	-	-	-	3	23
Nebraska-----	-	-	1	1	7	2	-	-	2	-	41	10
Kansas-----	-	2	-	1	-	3	-	7	-	-	158	8
SOUTH ATLANTIC-----	4	1	2	4	71	109	6	4	21	23	420	496
Delaware-----	-	-	-	-	-	-	-	-	5	-	23	4
Maryland-----	-	-	-	-	2	1	1	-	4	-	42	59
District of Columbia-----	-	-	-	-	-	-	1	1	-	-	4	8
Virginia-----	1	1	-	1	12	5	-	1	4	5	105	195
West Virginia-----	-	-	-	-	2	1	-	-	-	5	74	42
North Carolina-----	-	-	1	-	12	16	1	1	-	2	20	40
South Carolina-----	-	-	-	2	7	18	1	1	-	-	30	11
Georgia-----	3	-	-	-	21	22	-	-	1	3	46	57
Florida-----	-	-	1	1	15	46	2	-	7	8	76	80
EAST SOUTH CENTRAL-----	1	-	2	2	21	53	1	-	32	37	554	956
Kentucky-----	-	-	-	-	1	11	-	-	8	22	279	400
Tennessee-----	-	-	-	-	5	5	-	-	15	11	149	381
Alabama-----	-	-	2	-	11	21	-	-	9	3	98	110
Mississippi-----	1	-	-	2	4	16	1	-	-	1	28	65
WEST SOUTH CENTRAL ¹ -----	2	-	4	4	63	87	1	1	16	28	470	469
Arkansas-----	-	-	-	-	10	6	-	-	-	4	142	39
Louisiana-----	1	-	-	1	6	8	-	-	-	1	5	27
Oklahoma-----	-	-	2	1	19	13	-	1	6	9	79	66
Texas-----	1	-	2	2	28	60	1	-	10	14	344	337
MOUNTAIN-----	1	1	-	1	35	12	1	-	37	38	1,135	630
Montana-----	-	-	-	-	15	2	-	-	8	3	137	88
Idaho-----	-	-	-	-	2	1	-	-	-	2	69	39
Wyoming-----	1	-	-	-	2	1	1	-	4	2	4	22
Colorado-----	-	-	-	-	5	1	-	-	4	11	92	90
New Mexico-----	-	-	-	1	9	6	-	-	11	13	171	233
Arizona-----	-	1	-	-	2	1	-	-	-	4	490	111
Utah-----	-	-	-	-	-	-	-	-	4	3	84	26
Nevada-----	-	-	-	-	-	-	-	-	10	-	88	21
PACIFIC-----	2	-	-	-	3	6	6	11	66	65	1,101	1,152
Washington-----	-	-	-	-	-	-	-	-	13	18	217	185
Oregon-----	-	-	-	-	1	2	-	-	11	5	131	239
California-----	2	-	-	-	2	4	6	11	42	42	753	728
Alaska-----	-	-	-	-	-	-	-	-	1	1	60	32
Hawaii-----	-	-	-	-	-	-	-	-	2	-	22	19
Puerto Rico-----	-	-	1	2	23	15	-	-	-	6	64	39

¹Data exclude report from Arkansas for current week.

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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 MAY 4, 1957, AND MAY 3, 1958—Continued

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

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic		110-117		085	
	18th week		Cumulative first 18 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	19	37	299	709	7	18	8	14	2	1	41,804	22,977
NEW ENGLAND-----	-	-	6	5	-	-	-	-	-	-	3,518	1,469
Maine-----	-	-	2	1	-	-	-	-	-	-	339	185
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	85	8
Vermont-----	-	-	-	-	-	-	-	-	-	-	71	90
Massachusetts-----	-	-	1	1	-	-	-	-	-	-	1,966	662
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	380	18
Connecticut-----	-	-	3	3	-	-	-	-	-	-	677	508
MIDDLE ATLANTIC-----	1	-	13	23	-	-	1	-	-	-	6,523	4,464
New York-----	1	-	11	16	-	-	1	-	-	-	3,306	1,721
New Jersey-----	-	-	2	2	-	-	-	-	-	-	1,197	2,082
Pennsylvania-----	-	-	-	5	-	-	-	-	-	-	2,020	661
EAST NORTH CENTRAL-----	2	5	27	76	-	2	-	-	-	-	11,040	3,747
Ohio-----	1	1	5	14	-	-	-	-	-	-	1,428	358
Indiana-----	-	1	2	19	-	1	-	-	-	-	1,358	547
Illinois-----	-	2	4	9	-	1	-	-	-	-	1,311	449
Michigan-----	-	-	12	23	-	-	-	-	-	-	3,305	902
Wisconsin-----	1	1	4	11	-	-	-	-	-	-	3,638	1,491
WEST NORTH CENTRAL-----	3	1	14	61	-	-	3	1	-	-	984	1,440
Minnesota-----	-	-	1	2	-	-	-	-	-	-	57	413
Iowa-----	2	-	3	4	-	-	2	-	-	-	423	482
Missouri-----	-	-	2	16	-	-	-	-	-	-	248	191
North Dakota-----	1	-	2	1	-	-	1	-	-	-	132	261
South Dakota-----	-	-	3	2	-	-	-	-	-	-	17	85
Nebraska-----	-	-	2	23	-	-	-	-	-	-	107	6
Kansas-----	-	1	1	13	-	-	-	1	-	-	(*)	2
SOUTH ATLANTIC-----	4	1	74	105	-	-	2	-	-	-	4,384	1,358
Delaware-----	-	-	1	1	-	-	-	-	-	-	15	12
Maryland-----	-	-	-	-	-	-	-	-	-	-	147	73
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	43	30
Virginia-----	-	-	3	12	-	-	-	-	-	-	1,575	239
West Virginia-----	2	-	6	4	-	-	2	-	-	-	512	58
North Carolina-----	-	1	20	14	-	-	-	-	-	-	155	66
South Carolina-----	-	-	3	23	-	-	-	-	-	-	728	259
Georgia-----	-	-	6	17	-	-	-	-	-	-	263	302
Florida-----	2	-	35	34	-	-	-	-	-	-	946	319
EAST SOUTH CENTRAL-----	1	1	30	48	1	1	-	-	-	-	3,406	1,561
Kentucky-----	1	-	16	4	1	-	-	-	-	-	913	603
Tennessee-----	-	1	5	14	-	1	-	-	-	-	1,597	526
Alabama-----	-	-	5	12	-	-	-	-	-	-	781	400
Mississippi-----	-	-	4	18	-	-	-	-	-	-	115	32
WEST SOUTH CENTRAL ¹ -----	7	17	51	167	6	11	1	6	2	-	7,557	2,728
Arkansas-----	-	-	14	9	-	-	-	-	-	-	-	111
Louisiana-----	-	2	7	31	-	1	-	1	-	-	12	109
Oklahoma-----	1	-	4	7	1	-	-	-	2	-	750	77
Texas-----	6	15	36	120	5	10	1	5	-	-	6,795	2,431
MOUNTAIN-----	-	4	23	56	-	2	-	1	-	-	1,884	1,673
Montana-----	-	1	2	3	-	-	-	-	-	-	428	126
Idaho-----	-	-	-	2	-	-	-	-	-	-	259	224
Wyoming-----	-	-	2	1	-	-	-	-	-	-	41	5
Colorado-----	-	-	5	9	-	-	-	-	-	-	407	230
New Mexico-----	-	-	10	4	-	-	-	-	-	-	389	238
Arizona-----	-	2	2	20	-	1	-	1	-	-	-	304
Utah-----	-	1	1	15	-	1	-	-	-	-	355	535
Nevada-----	-	-	1	2	-	-	-	-	-	-	5	11
PACIFIC-----	1	8	61	168	-	2	1	6	-	1	2,508	4,537
Washington-----	-	-	6	2	-	-	-	-	-	-	435	951
Oregon-----	-	-	6	17	-	-	-	-	-	-	359	689
California-----	1	8	49	149	-	2	1	6	-	1	1,714	2,897
Alaska-----	1	-	1	2	1	-	-	-	-	-	25	11
Hawaii-----	-	-	4	2	-	-	-	-	-	-	115	49
Puerto Rico-----	1	-	25	4	1	-	-	-	-	-	81	42

¹Data exclude report from Arkansas for 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, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MAY 4, 1957, AND MAY 3, 1958—Continued

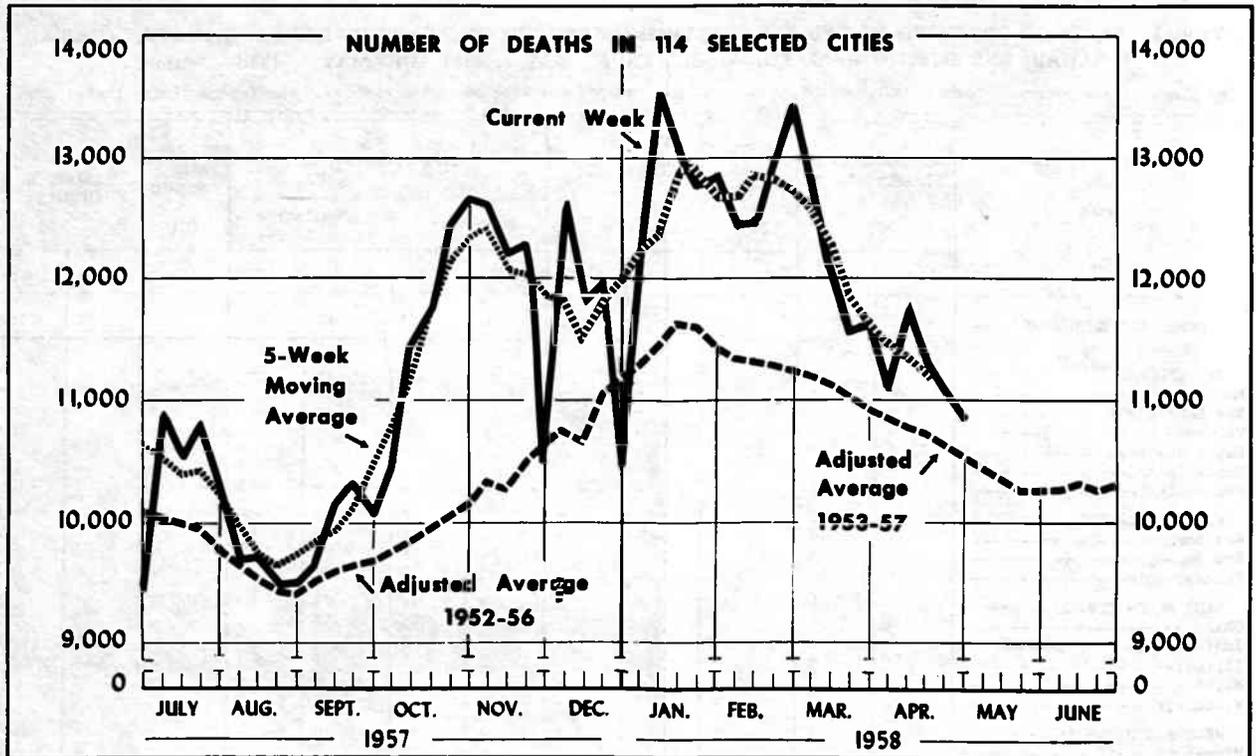
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
						18th week		Cumulative first 18 weeks				
	057	1957	340	096.2	1957	1958	1957	1958	1957	101	1958	1957
CONT. UNITED STATES ¹ -----	43	56	39	7	12	16	27	248	349	1	98	104
NEW ENGLAND-----	3	3	5	-	-	-	-	2	11	-	-	-
Maine-----	-	-	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	2	4	-	-	-	-	1	3	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	-	4	-	-	-
Connecticut-----	1	1	-	-	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	9	18	-	-	6	1	2	25	38	-	-	1
New York-----	2	8	-	-	-	-	1	8	16	-	-	1
New Jersey-----	1	4	-	-	-	-	1	7	12	-	-	-
Pennsylvania-----	6	6	-	-	6	1	-	10	10	-	-	-
EAST NORTH CENTRAL-----	9	8	13	6	1	1	4	22	39	1	25	3
Ohio-----	4	2	-	-	1	-	1	7	17	-	7	-
Indiana-----	-	1	3	-	-	-	1	6	10	-	11	1
Illinois-----	1	2	7	-	-	1	2	1	4	1	-	-
Michigan-----	4	2	3	5	-	-	-	4	6	-	2	-
Wisconsin-----	-	1	-	1	-	-	-	4	2	-	5	2
WEST NORTH CENTRAL-----	1	1	1	1	1	1	-	28	29	-	32	20
Minnesota-----	-	-	-	1	1	-	-	2	3	-	11	8
Iowa-----	-	-	1	-	-	-	-	4	7	-	5	7
Missouri-----	1	-	-	-	-	1	-	14	11	-	5	3
North Dakota-----	-	-	-	-	-	-	-	-	1	-	-	-
South Dakota-----	-	1	-	-	-	-	-	1	3	-	10	-
Nebraska-----	-	-	-	-	-	-	-	1	-	-	1	2
Kansas-----	-	-	-	-	-	-	-	6	4	-	-	-
SOUTH ATLANTIC-----	9	11	14	-	1	2	6	46	74	-	19	31
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	1	3	1	-	-	1	2	2	2	-	-	-
District of Columbia-----	1	1	7	-	-	-	1	2	5	-	-	-
Virginia-----	-	-	3	-	1	-	-	6	13	-	4	6
West Virginia-----	1	-	-	-	-	-	1	7	12	-	3	2
North Carolina-----	-	3	-	-	-	-	-	10	8	-	-	6
South Carolina-----	-	1	1	-	-	-	-	2	4	-	6	8
Georgia-----	-	-	1	-	-	2	3	7	11	-	3	2
Florida-----	6	2	1	-	-	-	-	10	19	-	3	7
EAST SOUTH CENTRAL-----	4	6	1	-	-	2	2	23	56	-	12	23
Kentucky-----	1	-	-	-	-	2	2	6	18	-	9	12
Tennessee-----	1	1	-	-	-	-	-	7	23	-	1	2
Alabama-----	1	5	-	-	-	1	-	8	3	-	2	7
Mississippi-----	1	-	1	-	-	1	-	2	12	-	-	2
WEST SOUTH CENTRAL ¹ -----	3	4	3	-	-	7	11	65	62	-	7	17
Arkansas-----	-	-	-	-	-	-	3	1	11	-	-	3
Louisiana-----	3	3	-	-	-	4	4	36	12	-	-	1
Oklahoma-----	-	-	1	-	-	1	-	4	7	-	1	-
Texas-----	-	1	2	-	-	2	4	24	32	-	6	13
MOUNTAIN-----	1	2	1	-	2	-	1	12	18	-	-	-
Montana-----	-	1	-	-	-	-	-	2	1	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	1	-	-	-
Colorado-----	-	-	1	-	-	-	1	-	4	-	-	-
New Mexico-----	1	-	-	-	-	-	-	5	6	-	-	-
Arizona-----	-	1	-	-	-	-	-	1	5	-	-	-
Utah-----	-	-	-	2	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	4	3	1	-	1	2	1	25	22	-	3	9
Washington-----	-	2	-	-	-	-	-	-	-	-	-	-
Oregon-----	1	-	1	-	-	-	-	5	3	-	-	-
California-----	3	1	-	-	1	2	1	20	19	-	3	9
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	10	11	-	-	-

¹Data exclude report from Arkansas for current week.

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

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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, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 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 the 5-week 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 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

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

AREA	18th week ended May 3, 1958	17th week ended Apr. 26, 1958	Adjusted average, 18th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 18 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	10,839	11,031	10,555	+2.7	219,789	201,560	+9.0
New England----- (14 cities)	699	684	700	-0.1	13,828	13,304	+3.9
Middle Atlantic----- (20 cities)	3,157	3,036	3,154	+0.1	64,007	58,582	+9.3
East North Central----- (19 cities)	2,274	2,406	2,306	-1.4	46,762	43,190	+8.3
West North Central----- (9 cities)	788	779	754	+4.5	15,532	14,192	+9.4
South Atlantic----- (11 cities)	916	982	871	+5.2	19,470	17,078	+14.0
East South Central----- (8 cities)	512	517	460	+11.3	10,476	8,956	+17.0
West South Central----- (13 cities)	929	880	785	+18.3	18,529	16,697	+11.0
Mountain----- (8 cities)	1,268	292	244	+9.8	15,612	5,015	+11.9
Pacific----- (12 cities)	1,296	1,455	1,291	+0.4	25,573	24,546	+4.2

¹Includes 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 May 3, 1958	17th week ended Apr. 26, 1958	CUMULATIVE NUMBER FIRST 18 WEEKS		AREA	18th week ended May 3, 1958	17th week ended Apr. 26, 1958	CUMULATIVE NUMBER FIRST 18 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	263	222	4,788	4,509	St. Louis, Mo.-----	232	248	4,993	4,382
Bridgeport, Conn.-----	36	47	766	700	St. Paul, Minn.-----	77	89	1,459	1,246
Cambridge, Mass.-----	19	30	553	580	Wichita, Kans.-----	49	37	854	823
Fall River, Mass.-----	37	29	546	513	SOUTH ATLANTIC:				
Hartford, Conn.-----	43	53	987	943	Atlanta, Ga.-----	98	115	2,193	2,073
Lowell, Mass.-----	20	18	522	508	Baltimore, Md.-----	235	233	5,002	4,479
Lynn, Mass.-----	19	24	400	402	Charlotte, N. C.-----	27	36	673	649
New Bedford, Mass.-----	20	24	473	490	Jacksonville, Fla.-----	58	55	1,217	1,014
New Haven, Conn.-----	46	48	923	876	Miami, Fla.-----	69	84	1,488	908
Providence, R. I.-----	50	65	1,260	1,177	Norfolk, Va.-----	26	48	722	669
Somerville, Mass.-----	10	14	267	255	Richmond, Va.-----	92	81	1,484	1,393
Springfield, Mass.-----	52	40	784	810	Savannah, Ga.-----	28	28	660	542
Waterbury, Conn.-----	37	21	530	464	St. Petersburg, Fla.-----	(71)	(56)	(1,426)	---
Worcester, Mass.-----	47	49	1,029	1,077	Tampa, Fla.-----	66	84	1,428	1,233
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	53	51	995	935	Birmingham, Ala.-----	88	115	1,797	1,417
Allentown, Pa.-----	35	38	653	712	Chattanooga, Tenn.-----	47	44	972	880
Buffalo, N. Y.-----	149	127	2,999	2,661	Knoxville, Tenn.-----	23	26	569	568
Camden, N. J.-----	41	44	865	717	Louisville, Ky.-----	115	115	2,212	1,971
Elizabeth, N. J.-----	33	25	590	524	Memphis, Tenn.-----	123	96	2,280	1,985
Erie, Pa.-----	43	28	.660	637	Mobile, Ala.-----	35	38	798	636
Jersey City, N. J.-----	68	62	1,422	1,296	Montgomery, Ala.-----	30	28	690	399
Newark, N. J.-----	102	97	1,888	1,990	Nashville, Tenn.-----	51	55	1,158	1,100
New York City, N. Y.-----	1,577	1,554	32,436	29,534	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	37	42	832	736	Austin, Tex.-----	27	39	638	563
Philadelphia, Pa.-----	480	417	10,047	9,085	Baton Rouge, La.-----	26	27	568	497
Pittsburgh, Pa.-----	211	184	3,816	3,334	Corpus Christi, Tex.-----	21	25	409	363
Reading, Pa.-----	27	19	421	429	Dallas, Tex.-----	106	107	2,221	2,037
Rochester, N. Y.-----	99	104	1,982	1,752	El Paso, Tex.-----	26	46	729	539
Schenectady, N. Y.-----	19	20	455	414	Fort Worth, Tex.-----	72	56	1,197	1,117
Scranton, Pa.-----	31	48	685	721	Houston, Tex.-----	158	142	3,098	2,742
Syracuse, N. Y.-----	55	77	1,156	1,060	Little Rock, Ark.-----	68	48	1,059	891
Trenton, N. J.-----	43	47	980	846	New Orleans, La.-----	163	169	3,537	3,161
Utica, N. Y.-----	33	32	526	625	Oklahoma City, Okla.-----	82	57	1,328	1,128
Yonkers, N. Y.-----	21	20	599	574	San Antonio, Tex.-----	89	87	1,863	1,755
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.-----	50	77	1,133	984	Albuquerque, N. Mex.-----	26	30	516	465
Canton, Ohio.-----	39	38	564	576	Colorado Springs, Colo.-----	15	16	263	261
Chicago, Ill.-----	705	723	14,986	13,860	Denver, Colo.-----	103	104	2,182	2,108
Cincinnati, Ohio.-----	143	158	3,206	2,890	Ogden, Utah.-----	13	18	268	227
Cleveland, Ohio.-----	182	211	4,124	3,889	Phoenix, Ariz.-----	43	44	891	549
Columbus, Ohio.-----	103	126	2,263	2,062	Pueblo, Colo.-----	15	18	236	232
Dayton, Ohio.-----	72	59	1,454	1,372	Salt Lake City, Utah.-----	36	40	850	794
Detroit, Mich.-----	336	320	6,197	5,981	Tucson, Ariz.-----	17	22	406	379
Evansville, Ind.-----	35	43	768	591	PACIFIC:				
Flint, Mich.-----	33	55	718	684	Berkeley, Calif.-----	21	25	384	350
Fort Wayne, Ind.-----	39	39	697	643	Fresno, Calif.-----	(39)	(37)	(682)	---
Gary, Ind.-----	50	41	631	543	Glendale, Calif.-----	(23)	(29)	(658)	---
Grand Rapids, Mich.-----	31	49	826	738	Long Beach, Calif.-----	50	69	1,015	1,035
Indianapolis, Ind.-----	118	134	2,405	2,227	Los Angeles, Calif.-----	509	567	9,467	8,929
Madison, Wis.-----	(38)	(32)	(594)	(586)	Oakland, Calif.-----	70	113	1,801	1,771
Milwaukee, Wis.-----	134	119	2,657	2,392	Pasadena, Calif.-----	32	41	673	665
Peoria, Ill.-----	35	29	641	533	Portland, Ore.-----	106	108	1,882	1,748
Rockford, Ill.-----	(19)	(22)	(493)	(462)	Sacramento, Calif.-----	29	51	961	944
South Bend, Ind.-----	19	28	523	445	San Diego, Calif.-----	82	88	1,590	1,512
Toledo, Ohio.-----	97	103	1,960	1,721	San Francisco, Calif.-----	174	190	3,713	3,585
Youngstown, Ohio.-----	53	54	1,009	1,059	San Jose, Calif.-----	(17)	(33)	(429)	---
WEST NORTH CENTRAL:					HONOLULU, HAWAII:				
Des Moines, Iowa.-----	52	71	1,056	967	Seattle, Wash.-----	124	126	2,507	2,437
Duluth, Minn.-----	24	16	451	469	Spokane, Wash.-----	45	48	859	849
Kansas City, Kans.-----	25	11	538	572	Tacoma, Wash.-----	54	29	721	721
Kansas City, Mo.-----	124	122	2,405	2,176					
Lincoln, Nebr.-----	(22)	(29)	(477)	---					
Minneapolis, Minn.-----	129	113	2,449	2,271					
Omaha, Nebr.-----	76	72	1,327	1,286					

¹Estimated.

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

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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 Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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