

COMMUNICABLE DISEASE CENTER

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Vol. 14, No. 31

WEEKLY REPORT

Week Ending
August 7, 1965

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

INSTITUTIONAL OUTBREAK OF PNEUMONIA

Washington, D. C.

Since July 27 a total of 62 cases of acute pneumonia, 18 of them associated with the isolation of *Klebsiella pneumoniae* (Friedlander's bacillus), have occurred in a large psychiatric hospital in Washington, D. C. There have been eight deaths, most of which have occurred in cases recognized as *Klebsiella pneumoniae* early in the outbreak. Postmortem examinations of six of the fatalities have shown gross pathological findings consistent with a bacterial pneumonia and *Klebsiella pneumoniae* has been isolated from cultures of purulent material obtained from lung specimens of each of these six cases. *Klebsiella*

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pneumoniae has also been isolated from sputum or throat swabs of 12 other pneumonia patients.

The hospital presently accommodates nearly 6,100 patients. Those with acute pneumonia, however, have been predominantly males, many of whom are associated in a therapy group of 700 male patients. The distribution

(Continued on page 266)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES (Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	31st WEEK ENDED		MEDIAN 1960-1964	CUMULATIVE, FIRST 31 WEEKS		
	AUGUST 7, 1965	AUGUST 1, 1964		1965	1964	MEDIAN 1960-1964
Aseptic meningitis	64	47	69	947	999	999
Brucellosis	5	6	10	144	241	250
Diphtheria	1	1	3	90	160	234
Encephalitis, primary infectious	35	42	---	941	1,125	---
Encephalitis, post-infectious	12	22	---	481	629	---
Hepatitis, infectious including serum hepatitis	515	532	694	20,786	24,239	26,800
Measles	1,141	1,746	2,074	236,275	456,914	388,568
Meningococcal infections	39	43	33	2,169	1,795	1,425
Poliomyelitis, Total	3	3	33	32	61	334
Paralytic	2	3	24	25	50	239
Nonparalytic	1	—	---	7	8	---
Unspecified	—	—	---	—	3	---
Streptococcal Sore Throat and Scarlet fever	3,797	3,911	3,368	265,065	271,407	222,143
Tetanus	11	8	---	149	151	---
Tularemia	3	9	---	148	199	---
Typhoid fever	15	11	15	229	236	315
Rabies in Animals	74	69	62	2,846	2,827	2,381

Notifications from New Mexico for current week have not been received.

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	6	Rabies in Man:	1
Botulism:	11	Smallpox:	1
Leptospirosis:	22	Trichinosis: Colo.-1	72
Malaria: Mass.-1	44	Typhus -	
Plague:	—	Murine: Texas-3	21
Psittacosis:	27	Rky. Mt. Spotted: Ill.-1, N.C.-3, Ala.-1, Ark.-1, Ga.-2, Ky.-2, Ohio-2, Tenn.-2, Okla.-1	167
Cholera:	2		

INSTITUTIONAL OUTBREAK OF PNEUMONIA

(Continued from front page)

of cases according to age is consistent with the age distribution of the total population of inpatients; there have been 49 male cases and 13 female cases. No widespread minor illnesses have been reported in the hospital as a whole either prior to or during the outbreak of acute pneumonia which appeared to reach its peak in the first week of August.

Apart from the demonstration of *Klebsiella pneumoniae* in 18 cases, there has not been any other etiological agent identified up to the present time. Serological studies of acute and early convalescent serum specimens

from the first 32 patients have been undertaken. So far, employing antigens for histoplasmosis, blastomycosis, psittacosis, Q fever, mycoplasma, and adenoviruses, there has been no suggestion of acute infection with any of these agents.

Epidemiological and laboratory studies are continuing. (Reported by Dr. Dale C. Cameron, Hospital Superintendent, Dr. Murray Grant, Director of Public Health, District of Columbia, and a team of CDC epidemiologists working with the staff of the Hospital and the Department of Public Health.)

RABIES IN ANIMALS AND MAN - 1964

Annual Surveillance Summary

There were 4,784 laboratory confirmed cases of animal rabies during 1964, which is 20 percent more than in 1963. Substantially larger numbers of reports of fox and skunk rabies accounted for this increase.

The incidence of animal rabies had dropped steadily from 1946 to 1960, but since 1961 this trend has been re-

versed (Figure 1). The distribution of animal rabies throughout the U. S. is shown in Figure 2. Only 4 States recorded no cases of animal rabies, while 19 States reported a reduction and 28 States, an increase. The incidence of animal rabies in the U. S. from 1953 to 1964 is detailed in Table 1.

Table 1

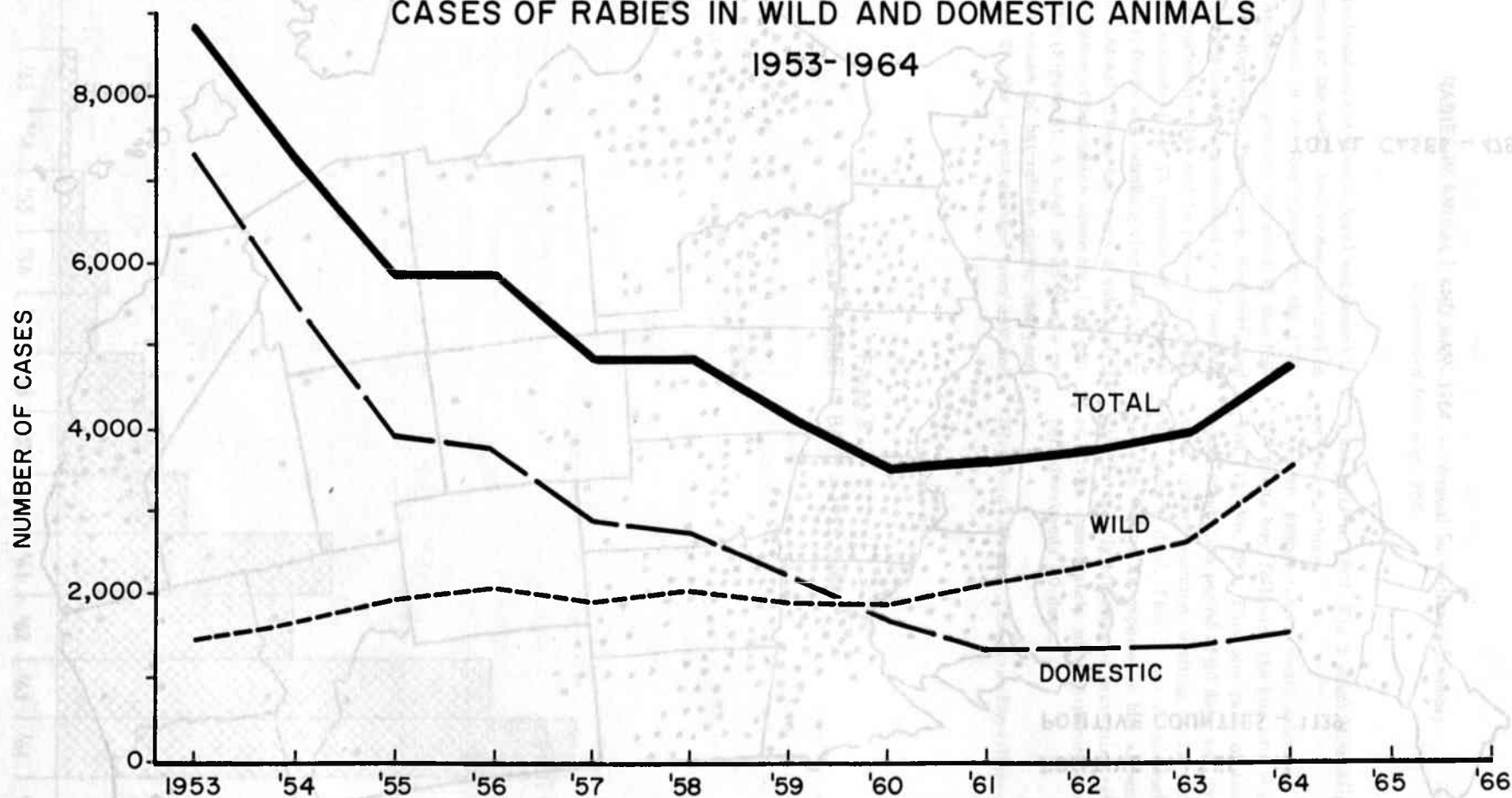
INCIDENCE OF RABIES IN THE UNITED STATES BY TYPE OF ANIMAL - 1953-1964*

YEAR	DOGS	CATS	FARM ANIMALS	FOXES	SKUNKS	BATS	OTHER ANIMALS	MAN	TOTAL
1953	5,688	538	1,118	1,033	319	8	119	14	8,837
1954	4,083	462	1,032	1,028	547	4	118	8	7,282
1955	2,657	343	924	1,223	580	14	98	5	5,844
1956	2,592	371	794	1,281	631	41	126	10	5,846
1957	1,758	382	714	1,021	775	31	115	6	4,802
1958	1,643	353	737	845	1,005	68	157	6	4,814
1959	1,119	292	751	920	789	80	126	6	4,083
1960	697	277	645	915	725	88	108	2	3,457
1961	594	217	482	614	1,254	186	120	3	3,470
1962	565	232	614	594	1,449	157	114	2	3,727
1963	573	217	531	622	1,462	303	224	1	3,933
1964	409	220	594	1,061	1,909	352	238	1	4,784

*Data prior to 1960 from USDA, ARS. Subsequent data from PHS, CDC.

(Text continued on page 269)

Figure 1.

CASES OF RABIES IN WILD AND DOMESTIC ANIMALS
1953-1964

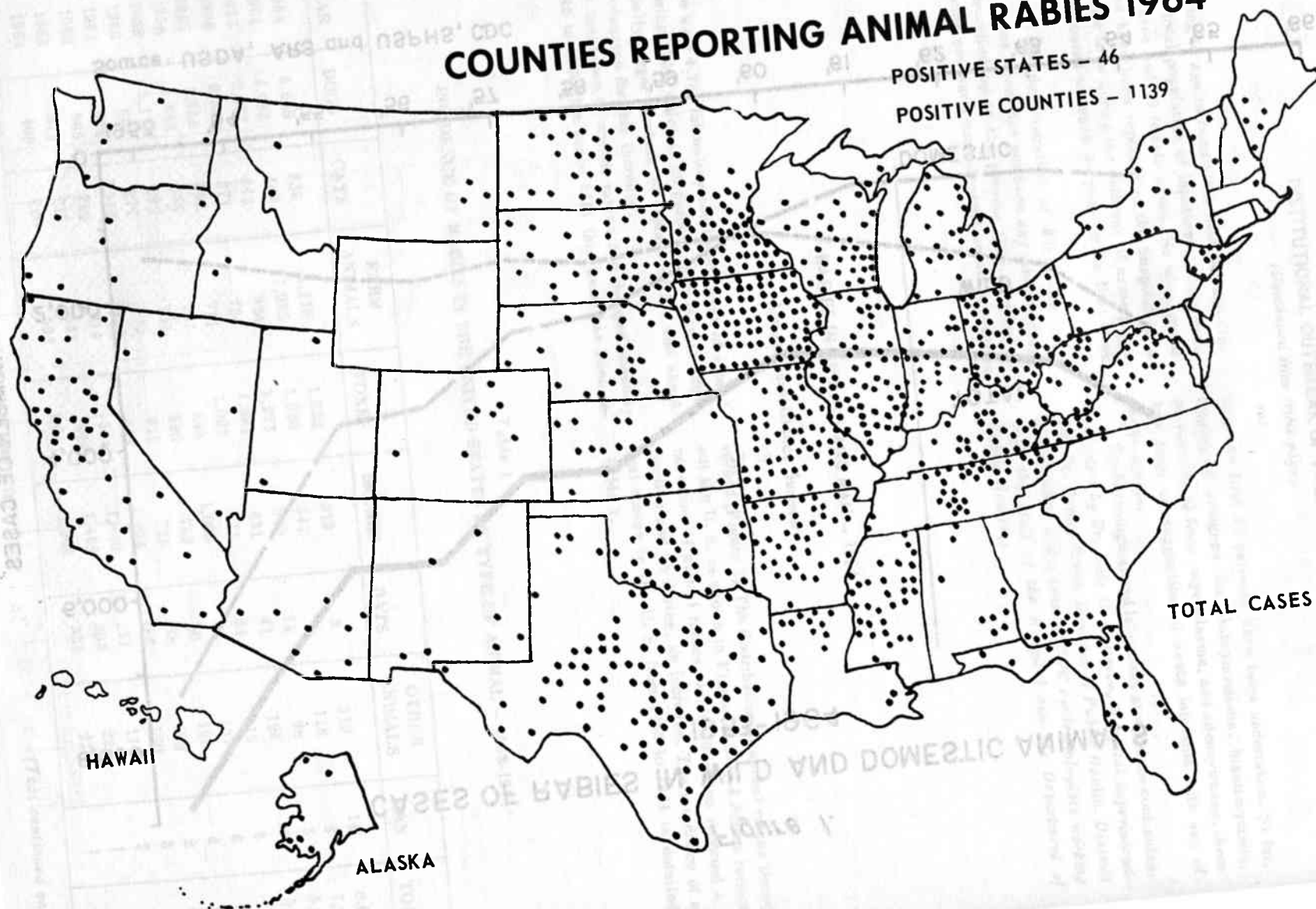
Source: USDA, ARS and USPHS, CDC

COUNTIES REPORTING ANIMAL RABIES 1964

POSITIVE STATES - 46

POSITIVE COUNTIES - 1139

TOTAL CASES - 4783



RABIES IN ANIMALS AND MAN—1964 — Annual Surveillance Summary

(Continued from page 266)

Dog rabies declined to the lowest level yet recorded, being only 10 percent of the total. Just under one-third of the dog rabies occurred in the four States on the U.S.-Mexican border. Another 26 percent occurred in the four contiguous States of Kentucky, Tennessee, Missouri, and Illinois. These eight States have accounted for 62 percent of the dog rabies reported in 1963 and 58 percent in 1964.

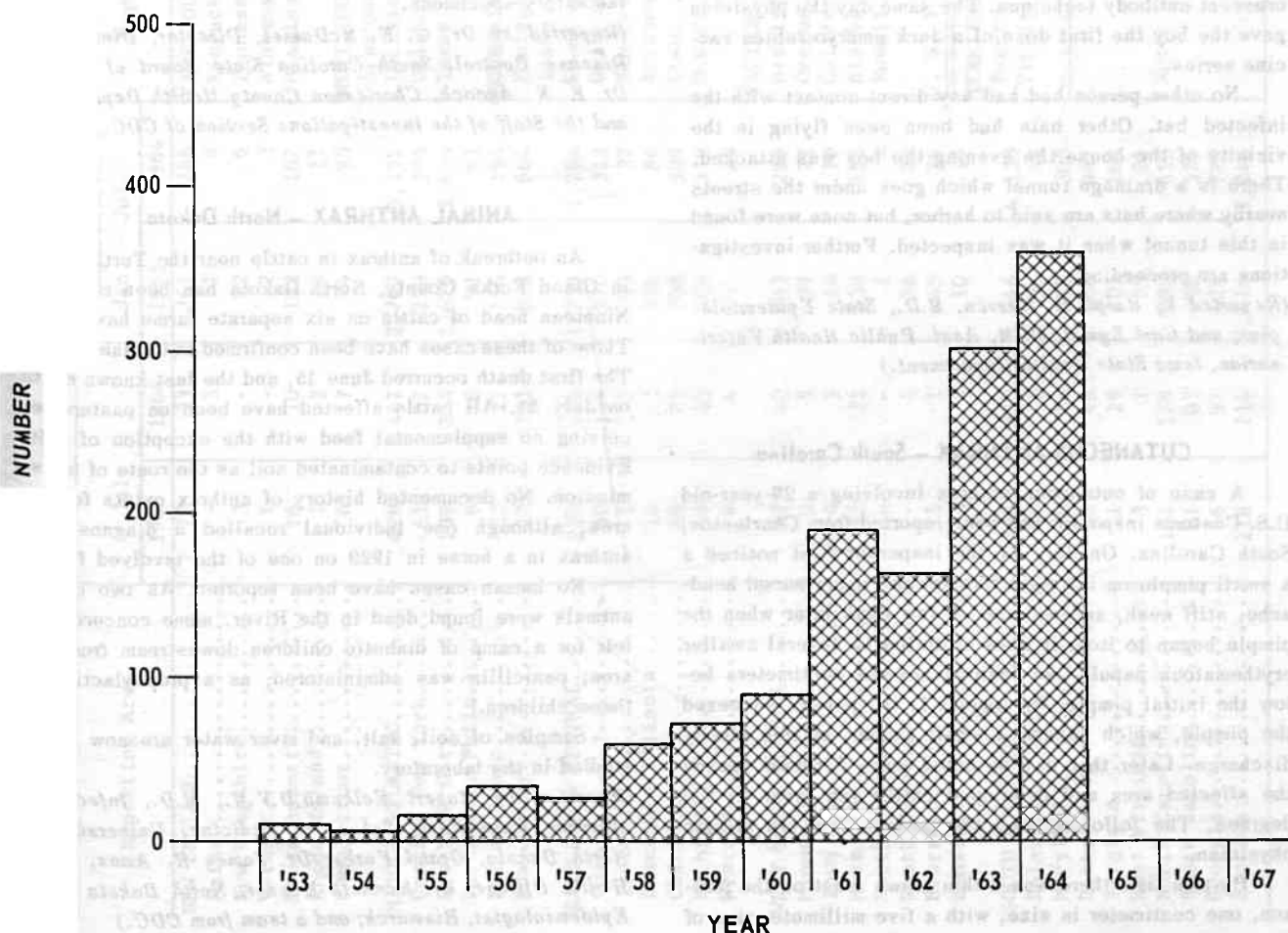
Wildlife rabies accounted for 75 percent of the total animal rabies in 1964, foxes and skunks giving rise to over 82 percent of this subtotal. There has been a substantial increase in the incidence of bat rabies since the first confirmed case in 1953 (Figure 3). A total of 35 States reported one or more cases of bat rabies during the year; Mississippi reported 67, the largest number from any one

State prior to 1964. For 2 years Mississippi had been free of animal rabies.

One human rabies death occurred in a 10-year-old Minnesota boy, following the bite of a rabid skunk (MMWR, Vol. 13, No. 38). This one case of human rabies had a short incubation period of 20 days and despite 14 doses of duck embryo vaccine, starting on the day of occurrence, the patient died. This is not considered to be a case of vaccine failure as experience has shown that rabies vaccine is usually effective in preventing rabies only when it is given immediately after exposure and the incubation period exceeds 30 days.

(Reported by the Zoonoses Surveillance Unit of CDC.)

Figure 3.
CASES OF RABIES IN BATS — 1953-1964



EPIDEMIOLOGIC NOTES

BAT RABIES – Iowa

On the evening of June 8, 1965, a four-year-old boy was riding his tricycle down the driveway of his aunt's house when a bat fell or swooped from a nearby tree. As this happened a car turned into the driveway and the bat, swerving to avoid it, hit the boy on the back and clung to his T-shirt. The boy grabbed the bat and flung it on to the pavement, stunning it. The occupants of the car got out; since the bat was still alive, they killed it using a stick. The City Health Department was called and the bat, described as being grey and brown in color, with a body 3 to 4 inches long and with a wingspan of about 14 inches, was removed for laboratory tests.

The boy was taken to a physician who found two superficial scratches on the boy's back in the lower thoracic region. These scratches were washed with hydrogen peroxide and hyperimmune rabies serum was given.

On June 10 the Iowa State Hygiene Laboratory reported that brain, brown fat, and salivary gland tissues from the bat were all positive for rabies, using the fluorescent antibody technique. The same day the physician gave the boy the first dose of a duck embryo rabies vaccine series.

No other person had had any direct contact with the infected bat. Other bats had been seen flying in the vicinity of the house the evening the boy was attacked. There is a drainage tunnel which goes under the streets nearby where bats are said to harbor, but none were found in this tunnel when it was inspected. Further investigations are proceeding.

(Reported by Ralph H. Heeren, M.D., State Epidemiologist, and Carl Zymet, DVM, Asst. Public Health Veterinarian, Iowa State Health Department.)

CUTANEOUS ANTHRAX – South Carolina

A case of cutaneous anthrax involving a 29-year-old U.S. Customs inspector has been reported from Charleston, South Carolina. On July 27 the inspector first noticed a small pimple on his right forearm and experienced headache, stiff neck, and malaise. A few days later when the pimple began to itch, it drew attention to several smaller erythematous papule-like lesions several centimeters below the initial pimple. On August 1, the patient squeezed the pimple, which caused a small amount of thin bloody discharge. Later that day he noted some firmness around the affected area and developed chills and fever to 100 degrees. The following day the patient saw his private physician.

By this time there was a thin brown crust on the forearm, one centimeter in size, with a five millimeter ring of

erythema and some surrounding edema. Lymphangitis extended from the lesion half-way up the upper arm. Several firm, pea-size nodules were palpated along the route of the lymphangitis, but epitrochlear, axillary, and cervical lymphadenopathy were not present.

Although the patient denied any known contact with animals or plants, he said that he had inspected bales of imported wool as recently as July 15. He vaguely recalls being bitten by a fly in the area of the lesion, possibly while working on July 15. On the basis of this history the physician diagnosed cutaneous anthrax and treated the patient with 750 mg. of tetracycline given every 4 hours. During the next few days the patient's systemic symptoms disappeared. The lesion itself did not show any significant changes and a black eschar was never noted.

Although the prolonged incubation period and characteristics of the lesion were not typical of cutaneous anthrax, the clinical story and the contact with wool are consistent with the diagnosis. Laboratory studies have failed to confirm the diagnosis but the patient had had substantial antibiotic therapy prior to the collection of laboratory specimens.

(Reported by Dr. G. E. McDaniel, Director, Division of Disease Control, South Carolina State Board of Health; Dr. E. K. Aycock, Charleston County Health Department; and the Staff of the Investigations Section of CDC.)

ANIMAL ANTHRAX – North Dakota

An outbreak of anthrax in cattle near the Turtle River in Grand Forks County, North Dakota has been reported. Nineteen head of cattle on six separate farms have died. Three of these cases have been confirmed in the laboratory. The first death occurred June 15, and the last known death on July 31. All cattle affected have been on pasture receiving no supplemental feed with the exception of salt. Evidence points to contaminated soil as the route of transmission. No documented history of anthrax exists for the area, although one individual recalled a diagnosis of anthrax in a horse in 1929 on one of the involved farms.

No human cases have been reported. As two of the animals were found dead in the River, some concern was felt for a camp of diabetic children downstream from the area; penicillin was administered, as a prophylactic, to these children.

Samples of soil, salt, and river water are now being studied in the laboratory.

(Reported by Robert Eelkema, D.V.M., M.D., Infectious Disease Consultant, School of Medicine, University of North Dakota, Grand Forks; Dr. James R. Amos, State Health Officer; Mr. Kenneth Mosser, North Dakota State Epidemiologist, Bismarck; and a team from CDC.)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

JULY 1965 - JULY 1964

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas July 1964 and July 1965 - Provisional Data

Reporting Area	July		Cumulative Jan. - Jul.		Reporting Area	July		Cumulative Jan. - Jul.	
	1965	1964	1965	1964		1965	1964	1965	1964
NEW ENGLAND.....	27	33	261	286	EAST SOUTH CENTRAL.....	209	214	1,656	1,008
Maine.....	-	3	1	4	Kentucky.....	7	14	83	81
New Hampshire.....	3	-	22	6	Tennessee.....	42	42	343	258
Vermont.....	1	-	2	3	Alabama.....	105	121	897	509
Massachusetts.....	16	10	152	167	Mississippi.....	55	37	333	160
Rhode Island.....	1	3	10	11	WEST SOUTH CENTRAL.....	229	225	1,389	1,485
Connecticut.....	6	17	74	95	Arkansas.....	18	13	140	118
MIDDLE ATLANTIC.....	428	447	2,722	3,192	Louisiana.....	68	72	392	393
Upstate New York.....	61	57	299	394	Oklahoma.....	4	12	76	94
New York City.....	239	244	1,620	1,859	Texas.....	139	128	781	880
Pa. (Excl. Phila.).....	9	18	91	81	MOUNTAIN.....	49	40	335	319
Philadelphia.....	22	27	154	194	Montana.....	-	7	8	23
New Jersey.....	97	101	558	664	Idaho.....	-	-	1	3
EAST NORTH CENTRAL.....	230	184	1,739	1,284	Wyoming.....	-	-	2	7
Ohio.....	50	46	370	312	Colorado.....	7	2	24	16
Indiana.....	1	7	33	37	New Mexico.....	8	14	64	128
Downstate Illinois.....	16	11	128	86	Arizona.....	28	15	188	117
Chicago.....	88	73	708	509	Utah.....	1	2	9	8
Michigan.....	69	43	449	312	Nevada.....	5	-	39	17
Wisconsin.....	6	4	51	28	PACIFIC.....	184	166	1,207	1,323
WEST NORTH CENTRAL.....	42	40	293	295	Washington.....	5	8	47	43
Minnesota.....	8	5	59	72	Oregon.....	3	2	21	39
Iowa.....	4	5	14	19	California.....	174	153	1,122	1,223
Missouri.....	12	22	138	133	Alaska.....	1	1	5	7
North Dakota.....	-	-	1	-	Hawaii.....	1	2	12	11
South Dakota.....	-	4	26	28	U. S. TOTAL.....	1,966	1,999	13,548	13,322
Nebraska.....	15	1	45	24	TERRITORIES.....	60	71	461	486
Kansas.....	3	3	10	19	Puerto Rico.....	56	63	449	466
SOUTH ATLANTIC.....	568	650	3,946	4,130	Virgin Islands.....	4	8	12	20
Delaware.....	5	2	34	45					
Maryland.....	46	54	252	308					
District of Columbia.....	36	48	288	441					
Virginia.....	31	29	207	165					
West Virginia.....	3	1	39	25					
North Carolina.....	102	128	600	653					
South Carolina.....	61	83	488	525					
Georgia.....	66	91	624	722					
Florida.....	218	214	1,414	1,246					

AUGUST 7, 1965 AND AUGUST 1, 1964 (31st WEEK)

Area	Aseptic Meningitis		Encephalitis		Polioomyelitis						Diphtheria	
			Primary	Post-Inf.	Total Cases			Paralytic			1965	Cum.
	1965	1964	1965	1965	1965	Cumulative		1965	Cumulative			
						1965	1964		1965	1964		
UNITED STATES...	64	47	35	12	3	32	61	2	25	50	1	90
NEW ENGLAND.....	4	-	1	1	-	-	2	-	-	2	-	1
Maine.....	2	-	-	-	-	-	1	-	-	1	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	1	-	-	-	-	-	-	-	-	1
Rhode Island.....	1	-	-	1	-	-	-	-	-	-	-	-
Connecticut.....	1	-	-	-	-	-	1	-	-	1	-	-
MIDDLE ATLANTIC.....	9	2	13	-	1	2	8	1	1	8	-	5
New York City.....	1	-	3	-	-	1	1	-	-	1	-	3
New York, Up-State.	1	1	2	-	-	-	5	-	-	5	-	-
New Jersey.....	3	-	7	-	1	1	2	1	1	2	-	-
Pennsylvania.....	4	1	1	-	-	-	-	-	-	-	-	2
EAST NORTH CENTRAL...	5	4	2	-	-	1	10	-	-	9	-	3
Ohio.....	1	1	-	-	-	-	2	-	-	2	-	1
Indiana.....	-	-	1	-	-	-	1	-	-	1	-	2
Illinois.....	3	-	1	1	-	1	5	-	-	5	-	-
Michigan.....	1	3	-	1	-	-	1	-	-	-	-	-
Wisconsin.....	-	-	-	-	-	-	1	-	-	1	-	-
WEST NORTH CENTRAL...	3	4	-	-	1	7	4	-	6	3	-	18
Minnesota.....	2	3	-	-	-	1	1	-	1	1	-	7
Iowa.....	1	-	-	-	-	2	-	-	2	-	-	1
Missouri.....	-	-	-	-	1	1	2	-	-	1	-	1
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	7
Nebraska.....	-	-	-	-	-	3	-	-	3	-	-	1
Kansas.....	-	1	-	-	-	-	1	-	-	1	-	1
SOUTH ATLANTIC.....	4	6	5	3	1	1	19	1	1	14	-	23
Delaware.....	-	-	1	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	1	-	1	1	1	1	1	1	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	3
Virginia.....	1	-	-	2	-	-	-	-	-	-	-	-
West Virginia.....	-	1	-	-	-	-	1	-	-	1	-	-
North Carolina.....	-	-	-	-	-	-	9	-	-	5	-	2
South Carolina.....	1	1	-	-	-	-	-	-	-	-	-	1
Georgia.....	-	-	-	-	-	-	1	-	-	1	-	11
Florida.....	2	4	3	1	-	-	7	-	-	6	-	6
EAST SOUTH CENTRAL...	7	5	1	-	-	1	4	-	1	3	1	16
Kentucky.....	4	5	-	-	-	-	-	-	-	-	-	-
Tennessee.....	2	-	1	-	-	1	2	-	1	1	-	-
Alabama.....	1	-	-	-	-	-	2	-	-	2	1	15
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL...	15	1	4	1	-	12	5	-	10	5	-	19
Arkansas.....	-	-	1	-	-	-	-	-	-	-	-	2
Louisiana.....	-	-	2	-	-	1	-	-	1	-	-	2
Oklahoma.....	-	-	-	-	-	-	2	-	-	2	-	-
Texas.....	15	1	1	1	-	11	3	-	9	3	-	15
MOUNTAIN.....	1	4	2	-	-	5	6	-	3	3	-	-
Montana.....	-	1	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	2	-	-	2	-	-
Colorado.....	-	3	1	-	-	-	1	-	-	1	-	-
New Mexico.....	-	-	-	-	-	1	3	-	1	-	-	-
Arizona.....	-	-	1	-	-	-	-	-	2	-	-	-
Utah.....	1	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	16	21	7	5	-	3	3	-	3	3	-	5
Washington.....	2	1	-	-	-	2	-	-	2	-	-	-
Oregon.....	1	1	-	-	-	-	1	-	-	1	-	1
California.....	11	17	5	5	-	1	2	-	1	2	-	4
Alaska.....	-	-	2	-	-	-	-	-	-	-	-	-
Hawaii.....	2	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	7

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 7, 1965 AND AUGUST 1, 1964 (31st WEEK) - Continued

Area	Brucel- losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals		1965	Cumulative		1965	Cum.
		1965	1965	1965	1965	1964		1965	1964		
UNITED STATES...	5	515	238	250	20,786	24,239	39	2,169	1,795	11	149
NEW ENGLAND.....	-	27	16	9	1,235	2,346	1	110	49	-	5
Maine.....	-	2	1	1	227	763	-	16	5	-	-
New Hampshire.....	-	5	4	-	117	170	1	6	1	-	1
Vermont.....	-	-	-	-	69	301	-	6	1	-	-
Massachusetts.....	-	16	8	7	486	488	-	35	20	-	3
Rhode Island.....	-	2	1	1	150	125	-	14	7	-	-
Connecticut.....	-	2	2	-	186	499	-	33	15	-	1
MIDDLE ATLANTIC.....	-	103	42	61	3,682	5,449	5	286	224	1	10
New York City.....	-	32	7	25	718	814	1	50	32	-	-
New York, Up-State.....	-	30	17	13	1,443	2,436	1	77	65	-	4
New Jersey.....	-	23	9	14	690	972	1	76	76	-	-
Pennsylvania.....	-	18	9	9	831	1,227	2	83	51	1	6
EAST NORTH CENTRAL...	1	94	45	39	3,977	3,743	9	295	246	4	18
Ohio.....	-	24	6	10	1,109	986	4	79	64	-	1
Indiana.....	-	15	12	3	354	333	-	39	38	-	6
Illinois.....	1	13	7	4	747	661	3	78	63	2	7
Michigan.....	-	38	19	19	1,518	1,475	2	64	54	2	2
Wisconsin.....	-	4	1	3	249	288	-	35	27	-	2
WEST NORTH CENTRAL...	3	17	11	6	1,266	1,325	-	109	112	1	11
Minnesota.....	-	1	1	-	125	136	-	22	26	-	7
Iowa.....	3	5	4	1	461	187	-	7	6	1	2
Missouri.....	-	6	3	3	275	331	-	50	53	-	1
North Dakota.....	-	-	-	-	17	52	-	7	13	-	-
South Dakota.....	-	-	-	-	17	108	-	2	-	-	-
Nebraska.....	-	1	-	1	44	33	-	10	6	-	1
Kansas.....	-	4	3	1	327	478	-	11	8	-	-
SOUTH ATLANTIC.....	-	60	26	31	2,130	2,274	5	423	376	-	37
Delaware.....	-	-	-	-	59	43	-	6	6	-	-
Maryland.....	-	10	2	8	392	434	-	39	25	-	1
Dist. of Columbia..	-	-	-	-	27	37	-	8	12	-	-
Virginia.....	-	8	4	3	481	356	-	49	43	-	7
West Virginia.....	-	11	8	2	321	355	-	24	26	-	1
North Carolina.....	-	8	5	3	199	403	-	82	65	-	5
South Carolina.....	-	-	-	-	82	78	1	57	49	-	3
Georgia.....	-	6	5	1	84	55	-	53	52	-	4
Florida.....	-	17	2	14	485	513	4	105	98	-	16
EAST SOUTH CENTRAL...	-	28	12	14	1,473	1,701	2	171	156	1	21
Kentucky.....	-	8	4	2	519	671	-	68	53	-	6
Tennessee.....	-	5	2	3	512	574	1	50	51	1	6
Alabama.....	-	13	5	8	260	301	1	33	34	-	8
Mississippi.....	-	2	1	1	182	155	-	20	18	-	1
WEST SOUTH CENTRAL...	1	37	21	16	1,816	1,810	1	297	214	3	30
Arkansas.....	-	6	2	4	239	183	-	14	19	2	8
Louisiana.....	-	5	2	3	307	416	1	166	105	-	4
Oklahoma.....	1	1	1	-	43	94	-	18	7	-	1
Texas.....	-	25	16	9	1,227	1,117	-	99	83	1	17
MOUNTAIN.....	-	17	4	4	1,213	1,475	3	68	64	-	3
Montana.....	-	2	1	1	89	134	-	2	-	-	-
Idaho.....	-	-	-	-	162	181	-	8	3	-	-
Wyoming.....	-	1	-	1	35	45	1	5	5	-	-
Colorado.....	-	2	1	1	255	398	-	13	11	-	2
New Mexico.....	---	---	---	---	257	208	---	10	26	---	-
Arizona.....	-	9	-	-	246	340	-	16	5	-	1
Utah.....	-	3	2	1	162	127	2	12	6	-	-
Nevada.....	-	-	-	-	7	42	-	2	8	-	-
PACIFIC.....	-	132	61	70	3,994	4,116	13	410	354	1	14
Washington.....	-	12	3	8	317	458	-	32	26	-	-
Oregon.....	-	9	6	3	334	462	1	29	20	-	3
California.....	-	108	50	58	3,143	2,986	11	326	289	1	11
Alaska.....	-	3	2	1	168	129	1	16	7	-	-
Hawaii.....	-	-	-	-	32	81	-	7	12	-	-
Puerto Rico	-	48	37	11	834	609	-	5	30	3	27

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 7, 1965 AND AUGUST 1, 1964 (31st WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
	1965	Cumulative			1965	Cum. 1965	1965	Cum. 1965	1965	Cum. 1965
		1965	1964							
UNITED STATES...	1,141	236,275	456,914	3,797	3	148	15	229	74	2,846
NEW ENGLAND.....	29	36,615	16,424	348	-	-	1	4	3	35
Maine.....	8	2,772	2,873	23	-	-	-	-	-	3
New Hampshire.....	-	381	242	4	-	-	-	-	-	1
Vermont.....	-	1,245	2,287	-	-	-	-	-	3	29
Massachusetts.....	7	19,191	5,088	80	-	-	1	3	-	1
Rhode Island.....	4	3,892	1,906	37	-	-	-	1	-	-
Connecticut.....	10	9,134	4,028	204	-	-	-	-	-	1
MIDDLE ATLANTIC.....	145	14,348	51,738	161	-	-	3	39	2	115
New York City.....	59	2,215	15,186	5	-	-	-	18	-	-
New York, up-State.....	31	4,021	12,532	141	-	-	1	11	2	103
New Jersey.....	40	2,477	12,130	6	-	-	2	4	-	-
Pennsylvania.....	15	5,635	11,890	9	-	-	-	6	-	12
EAST NORTH CENTRAL...	481	54,506	101,885	316	-	11	1	33	13	431
Ohio.....	15	8,785	19,490	17	-	-	1	8	8	224
Indiana.....	50	1,784	22,558	113	-	4	-	9	2	42
Illinois.....	52	2,552	16,500	50	-	5	-	7	1	74
Michigan.....	136	26,064	28,642	98	-	1	-	4	2	43
Wisconsin.....	228	15,321	14,695	38	-	1	-	5	-	48
WEST NORTH CENTRAL...	43	16,321	30,051	134	-	15	1	7	17	590
Minnesota.....	2	621	330	4	-	1	-	-	2	121
Iowa.....	22	8,962	23,203	13	-	-	-	1	2	165
Missouri.....	4	2,559	1,010	11	-	10	1	5	4	81
North Dakota.....	14	3,618	4,683	75	-	-	-	-	-	38
South Dakota.....	1	112	13	2	-	2	-	-	3	44
Nebraska.....	-	449	812	-	-	-	-	1	2	33
Kansas.....	NN	NN	NN	29	-	2	-	-	4	108
SOUTH ATLANTIC.....	101	24,246	37,860	343	-	28	2	46	6	392
Delaware.....	2	501	404	10	-	-	-	4	-	-
Maryland.....	18	1,125	3,387	43	-	-	1	15	2	13
Dist. of Columbia..	1	73	353	12	-	-	-	-	-	-
Virginia.....	7	3,792	12,655	129	-	5	-	2	1	263
West Virginia.....	73	13,438	8,478	130	-	-	-	2	1	19
North Carolina.....	-	375	1,151	7	-	6	1	14	-	2
South Carolina.....	-	1,005	4,220	9	-	3	-	4	-	2
Georgia.....	-	612	177	3	-	14	-	2	1	41
Florida.....	-	3,325	7,035	-	-	-	-	3	1	52
EAST SOUTH CENTRAL...	51	13,537	67,205	825	-	18	-	23	13	634
Kentucky.....	5	2,405	18,397	89	-	3	-	6	1	63
Tennessee.....	38	7,749	23,806	639	-	14	-	8	10	551
Alabama.....	7	2,288	18,320	44	-	1	-	5	2	14
Mississippi.....	1	1,095	6,682	53	-	-	-	4	-	6
WEST SOUTH CENTRAL...	87	30,339	71,362	486	2	55	2	32	14	448
Arkansas.....	-	1,081	1,105	-	2	37	1	11	2	63
Louisiana.....	3	102	97	-	-	2	-	5	-	65
Oklahoma.....	-	201	1,002	21	-	8	-	2	3	80
Texas.....	84	28,955	69,158	465	-	8	1	14	9	240
MOUNTAIN.....	87	19,403	18,012	573	1	15	4	19	3	58
Montana.....	17	3,668	2,936	40	1	4	1	1	-	3
Idaho.....	17	2,739	1,852	54	-	-	-	-	-	-
Wyoming.....	1	841	242	4	-	3	-	1	-	-
Colorado.....	8	5,570	3,126	264	-	-	-	-	1	8
New Mexico.....	---	670	420	---	---	-	---	9	---	11
Arizona.....	23	1,239	6,493	106	-	-	1	6	2	35
Utah.....	20	4,473	1,963	105	-	8	-	-	-	1
Nevada.....	1	203	980	-	-	-	2	2	-	-
PACIFIC.....	117	26,960	62,377	611	-	6	1	26	3	143
Washington.....	-	7,205	19,946	62	-	-	-	2	-	6
Oregon.....	11	3,157	8,463	7	-	2	-	3	-	3
California.....	63	12,730	32,428	465	-	4	1	20	3	132
Alaska.....	5	154	1,077	17	-	-	-	-	-	2
Hawaii.....	38	3,714	463	60	-	-	-	1	-	-
Puerto Rico	18	2,231	5,517	2	-	-	2	5	-	12

31st WEEK

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED AUGUST 7, 1965

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

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	662	390	30	38	SOUTH ATLANTIC:	988	486	41	58
Boston, Mass.-----	237	133	11	14	Atlanta, Ga.-----	104	45	4	7
Bridgeport, Conn.-----	27	19	3	1	Baltimore, Md.-----	231	112	8	14
Cambridge, Mass.-----	22	13	-	-	Charlotte, N. C.-----	56	19	1	5
Fall River, Mass.-----	25	19	1	2	Jacksonville, Fla.-----	60	22	-	3
Hartford, Conn.-----	39	20	-	3	Miami, Fla.-----	76	44	5	2
Lowell, Mass.-----	23	12	3	-	Norfolk, Va.-----	56	31	3	1
Lynn, Mass.-----	19	13	-	-	Richmond, Va.-----	71	40	-	4
New Bedford, Mass.-----	27	20	2	-	Savannah, Ga.-----	23	14	3	1
New Haven, Conn.-----	36	24	-	2	St. Petersburg, Fla.-----	62	44	4	1
Providence, R. I.-----	62	30	-	7	Tampa, Fla.-----	59	30	5	6
Somerville, Mass.-----	13	7	-	1	Washington, D. C.-----	161	75	8	12
Springfield, Mass.-----	54	33	5	6	Wilmington, Del.-----	29	10	-	2
Waterbury, Conn.-----	22	18	-	-					
Worcester, Mass.-----	56	29	5	2	EAST SOUTH CENTRAL:	520	236	24	49
MIDDLE ATLANTIC:	2,773	1,563	95	135	Birmingham, Ala.-----	73	23	-	14
Albany, N. Y.-----	36	20	-	3	Chattanooga, Tenn.-----	37	15	5	3
Allentown, Pa.-----	33	23	1	1	Knoxville, Tenn.-----	34	18	1	3
Buffalo, N. Y.-----	145	83	3	4	Louisville, Ky.-----	87	53	8	5
Camden, N. J.-----	35	14	2	2	Memphis, Tenn.-----	125	56	1	9
Elizabeth, N. J.-----	21	15	-	1	Mobile, Ala.-----	49	21	2	4
Erie, Pa.-----	45	29	2	3	Montgomery, Ala.-----	32	18	2	1
Jersey City, N. J.-----	58	34	2	2	Nashville, Tenn.-----	83	32	5	10
Newark, N. J.-----	67	30	1	3	WEST SOUTH CENTRAL:	1,075	514	30	84
New York City, N. Y.-----	1,432	790	46	62	Austin, Tex.-----	40	22	5	1
Paterson, N. J.-----	31	16	-	-	Baton Rouge, La.-----	29	17	3	-
Philadelphia, Pa.-----	365	216	7	23	Corpus Christi, Tex.-----	23	8	-	5
Pittsburgh, Pa.-----	190	90	5	9	Dallas, Tex.-----	144	66	2	12
Reading, Pa.-----	35	23	1	-	El Paso, Tex.-----	34	14	3	3
Rochester, N. Y.-----	78	45	7	8	Fort Worth, Tex.-----	53	25	1	1
Schenectady, N. Y.-----	15	10	2	1	Houston, Tex.-----	193	84	2	18
Scranton, Pa.-----	39	27	4	2	Little Rock, Ark.-----	43	19	-	-
Syracuse, N. Y.-----	63	44	4	5	New Orleans, La.-----	186	83	6	16
Trenton, N. J.-----	23	14	4	1	Oklahoma City, Okla.-----	76	38	2	5
Utica, N. Y.-----	33	20	1	2	San Antonio, Tex.-----	134	71	2	10
Yonkers, N. Y.-----	29	20	3	3	Shreveport, La.-----	52	25	-	10
EAST NORTH CENTRAL:	2,401	1,284	76	165	Tulsa, Okla.-----	68	42	4	3
Akron, Ohio-----	52	25	-	5	MOUNTAIN:	361	182	16	37
Canton, Ohio-----	30	20	4	1	Albuquerque, N. Mex.-----	40	23	2	3
Chicago, Ill.-----	704	347	29	69	Colorado Springs, Colo.-----	12	5	2	2
Cincinnati, Ohio-----	166	94	9	6	Denver, Colo.-----	111	54	4	14
Cleveland, Ohio-----	201	95	2	11	Ogden, Utah-----	32	15	1	2
Columbus, Ohio-----	101	52	2	7	Phoenix, Ariz.-----	90	45	1	7
Dayton, Ohio-----	58	28	-	5	Pueblo, Colo.-----	19	8	3	-
Detroit, Mich.-----	329	177	4	11	Salt Lake City, Utah-----	37	23	3	7
Evansville, Ind.-----	46	22	1	8	Tucson, Ariz.-----	20	9	-	2
Flint, Mich.-----	63	35	1	5	PACIFIC:	1,518	900	36	86
Fort Wayne, Ind.-----	50	29	5	1	Berkeley, Calif.-----	16	10	-	-
Gary, Ind.-----	22	10	5	2	Fresno, Calif.-----	40	27	-	1
Grand Rapids, Mich.-----	52	36	1	2	Glendale, Calif.-----	43	31	-	-
Indianapolis, Ind.-----	136	82	2	9	Honolulu, Hawaii-----	41	19	1	4
Madison, Wis.-----	42	18	-	5	Long Beach, Calif.-----	66	41	-	2
Milwaukee, Wis.-----	100	62	1	4	Los Angeles, Calif.-----	530	305	19	34
Peoria, Ill.-----	24	10	1	1	Oakland, Calif.-----	56	33	2	4
Rockford, Ill.-----	46	31	2	4	Pasadena, Calif.-----	37	28	-	-
South Bend, Ind.-----	40	23	4	1	Portland, Oreg.-----	119	68	1	8
Toledo, Ohio-----	84	51	3	8	Sacramento, Calif.-----	58	36	-	5
Youngstown, Ohio-----	55	37	-	-	San Diego, Calif.-----	76	42	1	11
WEST NORTH CENTRAL:	784	447	23	46	San Francisco, Calif.-----	201	117	4	7
Des Moines, Iowa-----	63	35	3	1	San Jose, Calif.-----	41	26	5	3
Duluth, Minn.-----	29	15	-	1	Seattle, Wash.-----	122	69	1	7
Kansas City, Kans.-----	35	15	1	3	Spokane, Wash.-----	38	26	1	-
Kansas City, Mo.-----	115	70	6	10	Tacoma, Wash.-----	34	22	1	-
Lincoln, Nebr.-----	33	21	1	1					
Minneapolis, Minn.-----	119	69	2	6	Total	11,082	6,002	371	698
Omaha, Nebr.-----	67	34	2	4	Cumulative Totals				
St. Louis, Mo.-----	227	132	2	14	including reported corrections for previous weeks				
St. Paul, Minn.-----	51	32	-	1	All Causes, All Ages -----	389,242			
Wichita, Kans.-----	45	24	6	5	All Causes, Age 65 and over-----	220,317			
					Pneumonia and Influenza, All Ages-----	16,489			
					All Causes, Under 1 Year of Age-----	23,121			

*Estimate - based on average percent of divisional total.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 14,000, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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