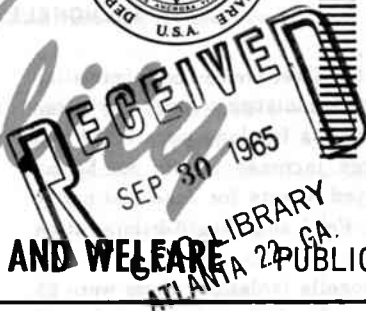


Morbidity and Mortality



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

PLAGUE

Shasta County, California

Another case of human plague, the sixth in the United States this year, has been reported from California. The patient is a 5-year-old boy who on September 13 travelled with his mother from their home in Viola, Shasta County, on the borders of the Lassen Volcanic National Park, to visit in Santa Rosa. The following day in Santa Rosa the boy first complained of being unwell. By September 16, the boy was suffering from a high fever and general prostration and was taken to see a physician in Santa Rosa. The physician made a diagnosis of septicaemia and arranged for hospitalization.

CONTENTS

Plague - Shasta County, California 325
 Surveillance Summary
 Salmonella - July 1965 327
 Epidemiologic Notes and Reports
 Aseptic Meningitis - Chattanooga, Tenn. 327
 International Notes - Quarantine Measures 332
 Erratum 332

A white blood count of 45,000 was noted on admission to the Santa Rosa Hospital where blood and bone marrow specimens also were obtained for examination and sent to the Berkeley State Laboratory. There were no pulmonary symptoms and a chest X-ray was normal. A course of penicillin was started but there was little improvement over the next few days.

(Continued on back page)

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

DISEASE	38th WEEK ENDED		MEDIAN 1960-1964	CUMULATIVE, FIRST 38 WEEKS		
	SEPTEMBER 25, 1965	SEPTEMBER 19, 1964		1965	1964	MEDIAN 1960-1964
Aseptic meningitis	75	72	107	1,413	1,403	1,741
Brucellosis	9	11	11	192	316	316
Diphtheria	2	3	12	112	184	290
Encephalitis, primary infectious	74	114	---	1,296	2,284	---
Encephalitis, post-infectious	7	6	---	546	689	---
Hepatitis, infectious including serum hepatitis	671	676	898	24,798	28,355	31,872
Measles	624	554	733	240,628	462,304	396,521
Meningococcal infections	35	34	31	2,351	2,078	1,630
Poliomyelitis, Total	2	5	29	44	81	565
Paralytic	2	4	23	35	67	439
Nonparalytic	---	---	---	7	9	---
Unspecified	---	1	---	2	5	---
Streptococcal Sore Throat and Scarlet fever	4,691	4,525	4,004	293,515	299,858	242,932
Tetanus	4	6	---	196	206	---
Tularemia	3	6	---	190	246	---
Typhoid fever	5	12	19	303	303	447
Rabies in Animals	85	61	61	3,325	3,420	2,840

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	7	Rabies in Man:	1
Botulism:	11	Smallpox:	---
Leptospirosis: Ohio-1, Ga.-1	33	Trichinosis:	77
Malaria: Conn.-1, Fla.-1	61	Typhus -	
Plague: Calif.-1	6	Murine:	22
Psittacosis: Md.-1	35	Rky. Mt. Spotted: N.C.-1, W.Va.-1, Tenn.-1	227
Cholera:	2		

SURVEILLANCE SUMMARY

SALMONELLA - July 1965

During July there were 1,800 recoveries of Salmonellae from human sources and 769 isolations from non-human sources; the comparative figures for June were 2,174 and 315 respectively. The large increase in the non-human total is due partly to delayed reports for June and partly to the addition of the U.S. Food and Drug Administration as a reporting center.

Among the human salmonella isolations there were 65 different serotypes, seven of which accounted for 66 percent of the 1,800 isolations reported. The commonest serotype was *S. typhi-murium* and *S. typhi-murium var. copenhagen*. These findings are consistent with previous experience as are the age and sex distribution of persons harboring salmonella. Of special interest are that over 60 percent of the individuals affected were less than 20 years of age, that there is a predominance of males in the groups less than 20 years of age and that there is a greater number of females in the groups of 20 years and more.

A broadly similar distribution of serotypes is also noted among the non-human isolates, and seven of the

more commonly encountered serotypes accounted for 53 percent of the total. Again *S. typhi-murium* and *S. typhi-murium var. copenhagen* constituted the commonest single serotype.

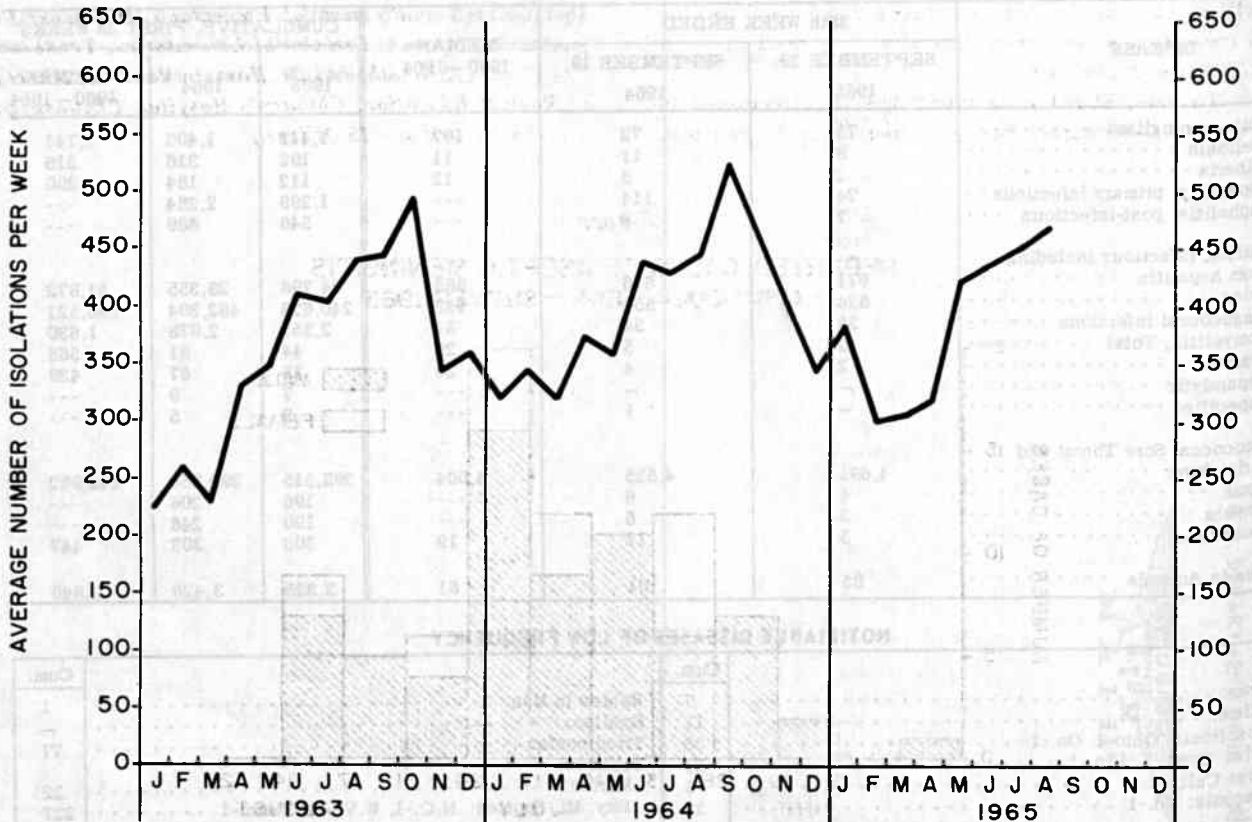
Several rare serotypes were reported during the month. *Salmonella gatow*, reported in 1963 from a human source in Louisiana, was recovered from a turtle in Pennsylvania. *S. manilae* was recovered from fish meal in Indiana whereas previous recoveries of this serotype since 1963 have been from feed or fertilizer in Tennessee and Texas and from domestic fowl in Missouri. A single isolate of *S. manilae* was also obtained from a man in North Carolina during 1964. *S. mission* isolated from meat scraps in Mississippi has been reported previously from swine, chicken and buffalo. Two human isolates of *S. mission* were reported from Florida. *S. drypool*, reported for the first time in the U.S., was recovered from a cow in Florida.

Figure 1 shows the reported human isolations in the U.S. since 1963.

(Reported by the Salmonella Surveillance Unit, CDC.)

Figure 1.

REPORTED HUMAN ISOLATIONS OF SALMONELLAE IN THE UNITED STATES



EPIDEMIOLOGIC NOTES AND REPORTS

ASEPTIC MENINGITIS - Chattanooga, Tennessee

Between the middle of June and the middle of August, 85 cases of aseptic meningitis due to ECHO virus type-9 were reported in Hamilton County, Tennessee. Information obtained through telephone surveys of medical facilities serving the 283,619 people of the Chattanooga metropolitan area revealed that the majority of patients were in the 1 to 9 age group and none were older than 19 years.

Investigations indicated a county-wide distribution of cases with major concentration in an area within a one-mile radius containing a large low-rental housing project. This area corresponds with census tract No. 3 which has a population of 3,420 persons, of whom 492 are children under 5 years of age. Within the census tract the attack rate was 1.4 percent; outside this area the rate was 0.05 percent. Age specific attack rates in both areas are shown in Table 1. There were 66 cases in males and 19 in females, a male predominance of 3.5 to 1; Figure 2 shows the distribution of cases by sex and by week of onset.

The major clinical features, fever, vomiting, headache and stiff neck, were generally consistent with those of previously described outbreaks due to ECHO virus type-9. There was a low incidence of rash of about 7 percent and neurological complications were few. Two of the patients in the series with such complications developed convulsions, and one of them, a 3-year-old girl, died; neither of these two patients were laboratory confirmed cases of ECHO type-9 infection.

To date, ECHO virus type-9 has been recovered in the State Laboratories from specimens from 35 patients;

Table 1
ASEPTIC MENINGITIS - CHATTANOOGA, TENNESSEE
Age-Specific Attack Rate (Percent)

Age	Housing Project Area (C.T. 3)*	Rest of City (Excluding C.T. 3)	Total
< 1	3.2	0.20	0.25
1- 4	3.3	0.05	0.10
5- 9	1.0	0.08	0.10
10-14	0.2	0.02	0.02
15-19	0.4	0.01	0.02
20+	0.0	0.00	0.00
0-19	1.4	0.05	0.07

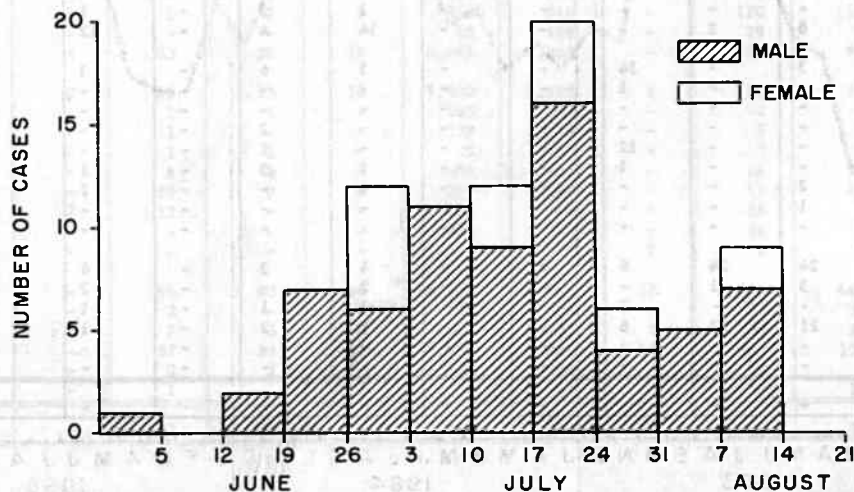
*C.T. 3 - Census Tract No. 3.

isolations have been made from cerebrospinal fluid, throat washings, and stool cultures. Further laboratory studies are proceeding.

(Reported by Dr. M.M. Young, Director, Chattanooga-Hamilton County Health Department; Dr. Cecil Tucker, Director of the Division of Preventable Diseases; Dr. George M. Cameron, Director of Laboratories, Tennessee Department of Health; and Dr. Hossein Massoud, Director of Medical Education, Children's Hospital, Chattanooga, Tennessee; and an EIS Officer.)

Figure 2.

REPORTED CASES OF ASEPTIC MENINGITIS
CHATTANOOGA, TENN.--SUMMER, 1965



Morbidity and Mortality Weekly Report

329

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 25, 1965 AND SEPTEMBER 19, 1964 (38th 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	1964		1965	1964		
UNITED STATES...	9	671	320	301	24,798	28,355	35	2,351	2,078	4	196
NEW ENGLAND.....	-	40	19	21	1,468	2,636	3	120	57	-	5
Maine.....	-	3	2	1	263	838	-	16	5	-	-
New Hampshire.....	-	6	4	2	149	208	-	7	1	-	1
Vermont.....	-	4	2	2	80	331	1	7	2	-	-
Massachusetts.....	-	18	5	13	581	570	1	40	23	-	3
Rhode Island.....	-	3	3	-	167	143	-	14	9	-	-
Connecticut.....	-	6	3	3	228	546	1	36	17	-	1
MIDDLE ATLANTIC.....	-	131	60	71	4,399	6,288	3	306	264	-	12
New York City.....	-	27	8	19	880	974	2	53	35	-	-
New York, Up-State.....	-	33	21	12	1,654	2,754	-	87	74	-	4
New Jersey.....	-	37	13	24	845	1,085	1	80	91	-	1
Pennsylvania.....	-	34	18	16	1,020	1,475	-	86	64	-	7
EAST NORTH CENTRAL...	3	148	79	62	4,754	4,462	5	332	283	1	28
Ohio.....	-	41	19	20	1,305	1,182	1	89	74	-	2
Indiana.....	-	6	2	3	415	388	-	42	42	-	7
Illinois.....	2	23	9	13	901	813	2	92	72	1	13
Michigan.....	-	50	30	20	1,829	1,764	2	72	65	-	3
Wisconsin.....	1	28	19	6	304	315	-	37	30	-	3
WEST NORTH CENTRAL...	3	22	7	14	1,447	1,529	3	122	122	-	17
Minnesota.....	-	3	-	2	146	169	2	26	29	-	7
Iowa.....	2	4	1	3	514	228	1	9	6	-	4
Missouri.....	-	3	1	2	308	380	-	52	56	-	2
North Dakota.....	-	-	-	-	27	57	-	11	16	-	-
South Dakota.....	1	1	1	-	18	116	-	3	1	-	-
Nebraska.....	-	3	-	3	63	42	-	10	6	-	2
Kansas.....	-	8	4	4	371	537	-	11	8	-	2
SOUTH ATLANTIC.....	-	51	21	27	2,566	2,665	4	452	407	2	45
Delaware.....	-	4	-	4	64	52	-	7	6	-	-
Maryland.....	-	4	3	1	446	503	1	44	27	-	1
Dist. of Columbia..	-	-	-	-	38	47	-	9	13	-	-
Virginia.....	-	21	8	10	603	415	-	54	46	-	7
West Virginia.....	-	2	1	1	372	394	-	24	32	-	1
North Carolina.....	-	2	-	2	242	453	1	91	69	-	6
South Carolina.....	-	5	2	3	119	97	1	59	50	-	6
Georgia.....	-	-	-	-	93	75	-	57	62	-	4
Florida.....	-	13	7	6	589	629	1	107	102	2	20
EAST SOUTH CENTRAL...	-	66	33	17	1,797	1,968	4	185	170	-	24
Kentucky.....	-	35	17	2	640	735	2	71	56	-	6
Tennessee.....	-	15	7	8	603	680	2	60	55	-	7
Alabama.....	-	12	7	5	325	358	-	34	35	-	9
Mississippi.....	-	4	2	2	229	195	-	20	24	-	2
WEST SOUTH CENTRAL...	1	72	43	23	2,168	2,197	-	307	239	1	44
Arkansas.....	-	4	3	1	284	213	-	15	21	-	10
Louisiana.....	1	5	2	3	350	518	-	170	118	-	5
Oklahoma.....	-	-	-	-	48	108	-	19	9	-	1
Texas.....	-	63	38	19	1,486	1,358	-	103	91	1	28
MOUNTAIN.....	2	42	15	10	1,400	1,705	1	73	70	-	3
Montana.....	-	2	1	-	105	150	-	2	-	-	-
Idaho.....	-	1	-	-	178	229	-	8	3	-	-
Wyoming.....	-	1	1	-	39	53	-	5	5	-	-
Colorado.....	-	6	4	2	301	454	-	14	12	-	2
New Mexico.....	-	20	9	8	299	248	-	11	28	-	-
Arizona.....	2	12	-	-	295	380	-	16	6	-	1
Utah.....	-	-	-	-	175	141	-	14	7	-	-
Nevada.....	-	-	-	-	8	50	1	3	9	-	-
PACIFIC.....	-	99	43	56	4,799	4,905	12	454	466	-	18
Washington.....	-	2	-	2	376	518	-	33	30	-	-
Oregon.....	-	7	3	4	404	533	1	33	21	-	4
California.....	-	87	38	49	3,797	3,582	11	363	396	-	14
Alaska.....	-	2	2	-	183	174	-	18	7	-	-
Hawaii.....	-	1	-	1	39	98	-	7	12	-	-
Puerto Rico	-	52	46	6	1,083	744	-	5	31	2	41

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 25, 1965 AND SEPTEMBER 19, 1964 (38th 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...	624	240,628	462,304	4,691	3	190	5	303	85	3,325
NEW ENGLAND.....	19	36,817	16,959	301	-	1	-	4	1	39
Maine.....	4	2,796	3,013	18	-	-	-	-	-	4
New Hampshire.....	-	381	251	10	-	-	-	-	-	1
Vermont.....	-	1,257	2,329	6	-	-	-	-	1	31
Massachusetts.....	14	19,295	5,314	54	-	1	-	3	-	2
Rhode Island.....	-	3,938	1,932	21	-	-	-	1	-	-
Connecticut.....	1	9,150	4,120	192	-	-	-	-	-	1
MIDDLE ATLANTIC.....	49	14,796	52,171	176	-	-	2	53	3	132
New York City.....	21	2,399	15,335	6	-	-	1	26	-	-
New York, up-State.....	10	4,135	12,704	119	-	-	-	13	2	119
New Jersey.....	9	2,574	12,208	43	-	-	1	7	-	-
Pennsylvania.....	9	5,688	11,924	8	-	-	-	7	1	13
EAST NORTH CENTRAL...	147	55,802	102,870	384	-	13	-	38	7	503
Ohio.....	16	8,883	19,623	12	-	-	-	9	-	257
Indiana.....	10	1,838	22,751	174	-	5	-	8	3	59
Illinois.....	41	2,742	16,622	72	-	5	-	10	1	80
Michigan.....	32	26,473	28,923	81	-	2	-	6	1	51
Wisconsin.....	48	15,866	14,951	45	-	1	-	5	2	56
WEST NORTH CENTRAL...	70	16,527	30,251	250	-	23	-	10	12	677
Minnesota.....	38	674	333	2	-	1	-	-	2	137
Iowa.....	14	8,997	23,318	48	-	-	-	2	1	192
Missouri.....	-	2,588	1,019	7	-	18	-	7	3	94
North Dakota.....	17	3,702	4,741	134	-	-	-	-	-	42
South Dakota.....	-	115	28	4	-	2	-	-	3	51
Nebraska.....	1	451	812	-	-	-	-	1	-	35
Kansas.....	NN	NN	NN	55	-	2	-	-	3	126
SOUTH ATLANTIC.....	38	24,731	38,317	747	1	31	-	63	9	454
Delaware.....	-	503	410	11	-	-	-	4	-	-
Maryland.....	1	1,161	3,403	92	-	-	-	18	-	22
Dist. of Columbia..	-	77	354	3	-	-	-	-	-	-
Virginia.....	14	3,865	12,707	140	1	8	-	8	2	280
West Virginia.....	17	13,715	8,637	258	-	-	-	3	-	21
North Carolina.....	1	390	1,161	16	-	6	-	15	-	3
South Carolina.....	1	1,017	4,253	115	-	3	-	8	-	2
Georgia.....	-	617	195	2	-	14	-	3	3	57
Florida.....	4	3,386	7,197	110	-	-	-	4	4	69
EAST SOUTH CENTRAL...	140	13,911	67,709	967	-	20	1	31	30	724
Kentucky.....	93	2,574	18,452	97	-	3	-	9	2	74
Tennessee.....	43	7,896	24,207	769	-	16	-	10	4	597
Alabama.....	3	2,325	18,363	51	-	1	1	7	1	16
Mississippi.....	1	1,116	6,687	50	-	-	-	5	23	37
WEST SOUTH CENTRAL...	68	30,886	72,072	392	2	78	-	42	17	532
Arkansas.....	-	1,084	1,124	3	1	52	-	13	2	79
Louisiana.....	1	106	105	1	1	5	-	6	-	69
Oklahoma.....	-	203	1,018	2	-	10	-	6	6	112
Texas.....	67	29,493	69,825	386	-	11	-	17	9	272
MOUNTAIN.....	29	19,717	18,624	788	-	15	1	25	1	73
Montana.....	10	3,724	3,049	16	-	4	-	1	-	5
Idaho.....	4	2,787	1,931	64	-	-	-	-	-	-
Wyoming.....	-	845	261	-	-	3	-	1	-	-
Colorado.....	7	5,634	3,230	341	-	-	-	-	-	9
New Mexico.....	-	677	452	186	-	-	-	9	-	14
Arizona.....	6	1,315	6,647	57	-	-	1	12	1	43
Utah.....	2	4,531	2,064	124	-	8	-	-	-	1
Nevada.....	-	204	990	-	-	-	-	2	-	1
PACIFIC.....	64	27,441	63,331	686	-	9	1	37	5	191
Washington.....	16	7,238	20,013	105	-	-	-	4	-	7
Oregon.....	5	3,236	8,644	12	-	5	1	6	1	7
California.....	28	12,970	33,028	450	-	4	-	26	4	175
Alaska.....	3	185	1,102	16	-	-	-	-	-	2
Hawaii.....	12	3,812	544	103	-	-	-	1	-	-
Puerto Rico	19	2,407	6,149	10	-	-	1	8	-	13

Morbidity and Mortality Weekly Report

331

Week No. **Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED SEPTEMBER 25, 1965**

38
(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:	664	415	19	41	SOUTH ATLANTIC:	1,077	533	39	84
Boston, Mass.-----	221	128	6	15	Atlanta, Ga.-----	95	41	2	2
Bridgeport, Conn.-----	47	28	-	2	Baltimore, Md.-----	266	122	7	28
Cambridge, Mass.-----	17	11	-	1	Charlotte, N. C.-----	44	18	3	5
Fall River, Mass.-----	26	20	-	1	Jacksonville, Fla.-----	50	32	-	1
Hartford, Conn.-----	32	17	1	3	Miami, Fla.-----	80	45	2	4
Lowell, Mass.-----	27	16	-	2	Norfolk, Va.-----	54	25	4	4
Lynn, Mass.-----	12	8	-	-	Richmond, Va.-----	80	40	2	7
New Bedford, Mass.-----	25	21	-	-	Savannah, Ga.-----	39	17	4	4
New Haven, Conn.-----	47	28	1	2	St. Petersburg, Fla.---	81	55	4	3
Providence, R. I.-----	73	50	2	2	Tampa, Fla.-----	47	26	1	7
Somerville, Mass.-----	12	7	-	-	Washington, D. C.-----	200	90	8	15
Springfield, Mass.-----	45	28	2	4	Wilmington, Del.-----	41	22	2	4
Waterbury, Conn.-----	29	17	-	3					
Worcester, Mass.-----	51	36	7	6	EAST SOUTH CENTRAL:	583	295	24	41
MIDDLE ATLANTIC:	3,063	1,749	89	156	Birmingham, Ala.-----	93	46	2	7
Albany, N. Y.-----	56	27	1	2	Chattanooga, Tenn.-----	59	34	5	4
Allentown, Pa.-----	47	26	2	1	Knoxville, Tenn.-----	41	22	-	2
Buffalo, N. Y.-----	119	67	2	9	Louisville, Ky.-----	109	54	11	11
Camden, N. J.-----	48	29	4	2	Memphis, Tenn.-----	101	53	2	5
Elizabeth, N. J.-----	38	21	-	2	Mobile, Ala.-----	42	17	3	4
Erie, Pa.-----	41	29	4	1	Montgomery, Ala.-----	40	17	1	1
Jersey City, N. J.-----	45	22	4	1	Nashville, Tenn.-----	98	52	-	7
Newark, N. J.-----	112	46	2	18					
New York City, N. Y.---	1,556	890	31	72	WEST SOUTH CENTRAL:	1,062	552	50	77
Paterson, N. J.-----	35	22	2	2	Austin, Tex.-----	27	18	2	2
Philadelphia, Pa.-----	438	243	7	13	Baton Rouge, La.-----	40	17	1	5
Pittsburgh, Pa.-----	176	96	3	11	Corpus Christi, Tex.---	34	15	1	6
Reading, Pa.-----	44	27	4	2	Dallas, Tex.-----	129	62	2	10
Rochester, N. Y.-----	113	74	12	11	El Paso, Tex.-----	29	13	6	1
Schenectady, N. Y.-----	29	21	2	-	Fort Worth, Tex.-----	66	34	2	5
Scranton, Pa.-----	25	17	-	-	Houston, Tex.-----	176	91	5	12
Syracuse, N. Y.-----	58	33	-	4	Little Rock, Ark.-----	70	38	4	3
Trenton, N. J.-----	36	25	4	2	New Orleans, La.-----	197	95	12	10
Utica, N. Y.-----	15	12	3	-	Oklahoma City, Okla.---	77	49	1	7
Yonkers, N. Y.-----	32	22	2	3	San Antonio, Tex.-----	116	59	2	10
					Shreveport, La.-----	43	27	8	3
					Tulsa, Okla.-----	58	34	4	3
EAST NORTH CENTRAL:	2,563	1,398	69	146					
Akron, Ohio-----	27	16	-	2	MOUNTAIN:	372	237	17	20
Canton, Ohio-----	30	20	4	1	Albuquerque, N. Mex.---	40	18	3	4
Chicago, Ill.-----	737	375	21	42	Colorado Springs, Colo.---	15	11	3	-
Cincinnati, Ohio-----	148	87	2	7	Denver, Colo.-----	97	64	3	6
Cleveland, Ohio-----	220	117	2	9	Ogden, Utah-----	14	9	-	-
Columbus, Ohio-----	136	77	3	14	Phoenix, Ariz.-----	87	54	5	4
Dayton, Ohio-----	86	51	1	3	Pueblo, Colo.-----	22	15	1	2
Detroit, Mich.-----	372	204	11	14	Salt Lake City, Utah---	53	34	1	3
Evansville, Ind.-----	36	22	2	1	Tucson, Ariz.-----	44	32	1	1
Flint, Mich.-----	46	24	1	2					
Fort Wayne, Ind.-----	40	20	1	2	PACIFIC:	1,554	871	33	88
Gary, Ind.-----	60	30	5	6	Berkeley, Calif.-----	15	7	-	1
Grand Rapids, Mich.---	40	20	1	1	Fresno, Calif.-----	56	27	1	5
Indianapolis, Ind.-----	180	99	2	12	Glendale, Calif.-----	35	23	-	-
Madison, Wis.-----	30	9	-	8	Honolulu, Hawaii-----	47	14	-	6
Milwaukee, Wis.-----	109	69	5	6	Long Beach, Calif.-----	59	31	2	5
Peoria, Ill.-----	38	22	-	4	Los Angeles, Calif.---	494	267	14	32
Rockford, Ill.-----	30	14	3	2	Oakland, Calif.-----	62	26	1	2
South Bend, Ind.-----	38	22	1	5	Pasadena, Calif.-----	38	25	-	1
Toledo, Ohio-----	95	58	3	4	Portland, Oreg.-----	116	63	2	3
Youngstown, Ohio-----	65	42	1	1	Sacramento, Calif.-----	68	38	1	3
					San Diego, Calif.-----	84	54	4	5
					San Francisco, Calif.---	205	118	-	10
WEST NORTH CENTRAL:	762	454	19	44	San Jose, Calif.-----	28	19	2	4
Des Moines, Iowa-----	42	28	1	-	Seattle, Wash.-----	155	96	5	7
Duluth, Minn.-----	26	15	-	3	Spokane, Wash.-----	58	39	-	3
Kansas City, Kans.---	31	11	2	7	Tacoma, Wash.-----	34	24	1	1
Kansas City, Mo.-----	105	66	1	2					
Lincoln, Nebr.-----	31	24	1	1	Total	11,700	6,504	359	697
Minneapolis, Minn.---	118	77	4	7					
Omaha, Nebr.-----	71	44	1	2					
St. Louis, Mo.-----	221	117	3	17					
St. Paul, Minn.-----	72	50	2	2					
Wichita, Kans.-----	45	22	4	3					

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages -----	469,019
All Causes, Age 65 and over-----	264,576
Pneumonia and Influenza, All Ages-----	19,166
All Causes, Under 1 Year of Age-----	27,919

*Estimate - based on average percent of divisional total.

PLAGUE – (Continued from front page)

On September 20, the attending physician noted a tender swelling in the patient's left groin. A provisional diagnosis of bubonic plague was made and a course of tetracycline and streptomycin started immediately. The next day, because of suppression of urinary output, the patient was transferred to the University of California Medical Center in San Francisco. The patient's condition is now satisfactory and he is making a good recovery.

The specimens submitted from the Santa Rosa Hospital to the Berkeley State Laboratory had yielded, by September 20, isolates of *Pastuerella pestis*; serological studies have given a hemoagglutination inhibition titer of 1/256 against plague.

A team from the Vector Control Bureau of the California State Health Department is presently in Viola conducting field investigations. On September 27 two carcasses of golden-mantled squirrels (*Citellus callospermophilus*) were found in close proximity to the child's house in an area where he habitually played. Further field studies are proceeding and laboratory examinations of the squirrels and other material are underway at the California State Laboratory in Berkeley and at the CDC Plague Field Station in California.

(Reported by Dr. Henry Renteln, Chief, Bureau of Communicable Diseases, California State Health Department; and an EIS Officer.)

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1963-64 edition—Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 78

City: Wichita Falls, Texas
Center: Wichita Falls City-Wichita County Health Unit
Clinic Hours: Thursday, 3:00 – 4:00 p.m.
Fee: Yes

ERRATUM, Vol. 14, No. 36, P. 310:

The Importance of Measles and Methods for Achieving High Levels of Measles Immunization in the Community

In sub-paragraph No. 4, the reference (Morbidity and Mortality Weekly Report, Vol. 14, No. 5) should read (Morbidity and Mortality Weekly Report, Vol. 14, No. 7).

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

CHIEF, COMMUNICABLE DISEASE CENTER
CHIEF, EPIDEMIOLOGY BRANCH
ACTING CHIEF, STATISTICS SECTION
CHIEF, SURVEILLANCE SECTION

JAMES L. GODDARD, M.D.
A. D. LANGMUIR, M.D.
IDA L. SHERMAN, M.S.
D. A. HENDERSON, M.D.

EDITOR: MMWR

D.J.M. MACKENZIE, M.B.
F.R.C.P.E.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

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.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta, Georgia 30333
Official Business

Library
81
7 61
CDC

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.
U.S. AIR MAIL