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CDC INFLUENZA REPORT
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SPECIAL NOTE

Information contained in this report is a summary of data reported to CDC by State Health Departments, Epidemic Intelligence Service Officers, National Office of Vital Statistics, collaborating influenza diagnostic laboratories, and other pertinent sources. Much of it is preliminary in nature and is primarily intended for those involved in influenza control activities. It is understood that the contents of these reports will not be released to the press, except by the Office of the Surgeon General, Public Health Service, U. S. Department of Health, Education, and Welfare. State Health Officers, of course, will judge the advisability of releasing any information from their own states.

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I. Summary of Information

Further small outbreaks of influenza-like illness have occurred among Boy Scouts returned from the Jamboree. These have been reported from Texas and two areas in Alabama. At least one additional outbreak has been reported from a military facility in California.

Another local outbreak of influenza-like illness has occurred among migrant workers in Sonoma County, California. At present, only small groups among these workers have been involved.

Due to some difficulty in performing hemagglutination-inhibition tests with currently available antigen, isolates from several outbreaks have so far been grouped only by complement-fixation tests. Influenza A virus has been identified in some outbreaks listed in Table II. These will not be noted until confirmation of Asian strain virus has been obtained.

II. Epidemic and Case Reports

7-A. IDAHO, Ketchum

(Reported by Drs. H. H. Henderson and C. R. Reinstein, Idaho State Board of Health.)

Approximately 39 children, aged 14-17 years, were affected with an influenza-like illness in mid-July at the Cathedral Pine summer camp, located north of Ketchum, Idaho. Total population of the camp is not noted but 4 children have been hospitalized. Symptoms have included coryza, temperature to 105°, malaise, cough, chest pains, tenderness of the skin and "burning eyes." Myalgia has mainly been a late symptom. Duration of illness has been 4 to 5 days. Throat washings and blood specimens are under laboratory study. At present all campers have returned home.

7-B. CALIFORNIA, Sacramento County

(Reported by Dr. P. K. Condit, California Department of Public Health, and Lt. Col. G. K. Fair, OSG, Department of the Air Force.)

From 300 to 500 cases of influenza-like illness have occurred at the Hamilton Air Force Base. Total strength on the base was not given. Thirty-two patients have been hospitalized with complications incident to the influenza-like illness. Specimens are being studied at the Sixth Army Regional Medical Laboratory.

7-C. ALABAMA, Jackson

(Reported by Dr. D. G. Gill, Alabama State Department of Health, and Dr. J. S. Davidson, Clark County Health Officer.)

About July 20, a scout returned to Jackson from the Boy Scout Jamboree with a mild febrile respiratory illness. Shortly after his return, however, he became gravely ill, with a temperature of 105° for

several days and pulmonary infiltrates. The boy has apparently recovered satisfactorily. At about the same time, 3 or 4 other cases were present in returned scouts. Throat washings from the severe cases are under study at CDC. Sera are also being obtained.

7-D. ALABAMA, Thomasville

(Reported by Dr. D. G. Gill, Alabama State Department of Health.)

Four cases of influenza-like illness in teenagers have been reported from Thomasville. None of those affected had been at the Boy Scout Jamboree but there was contact with a scout, who had a slight "cold" on return from the Jamboree. Throat washings and sera were obtained for study at CDC.

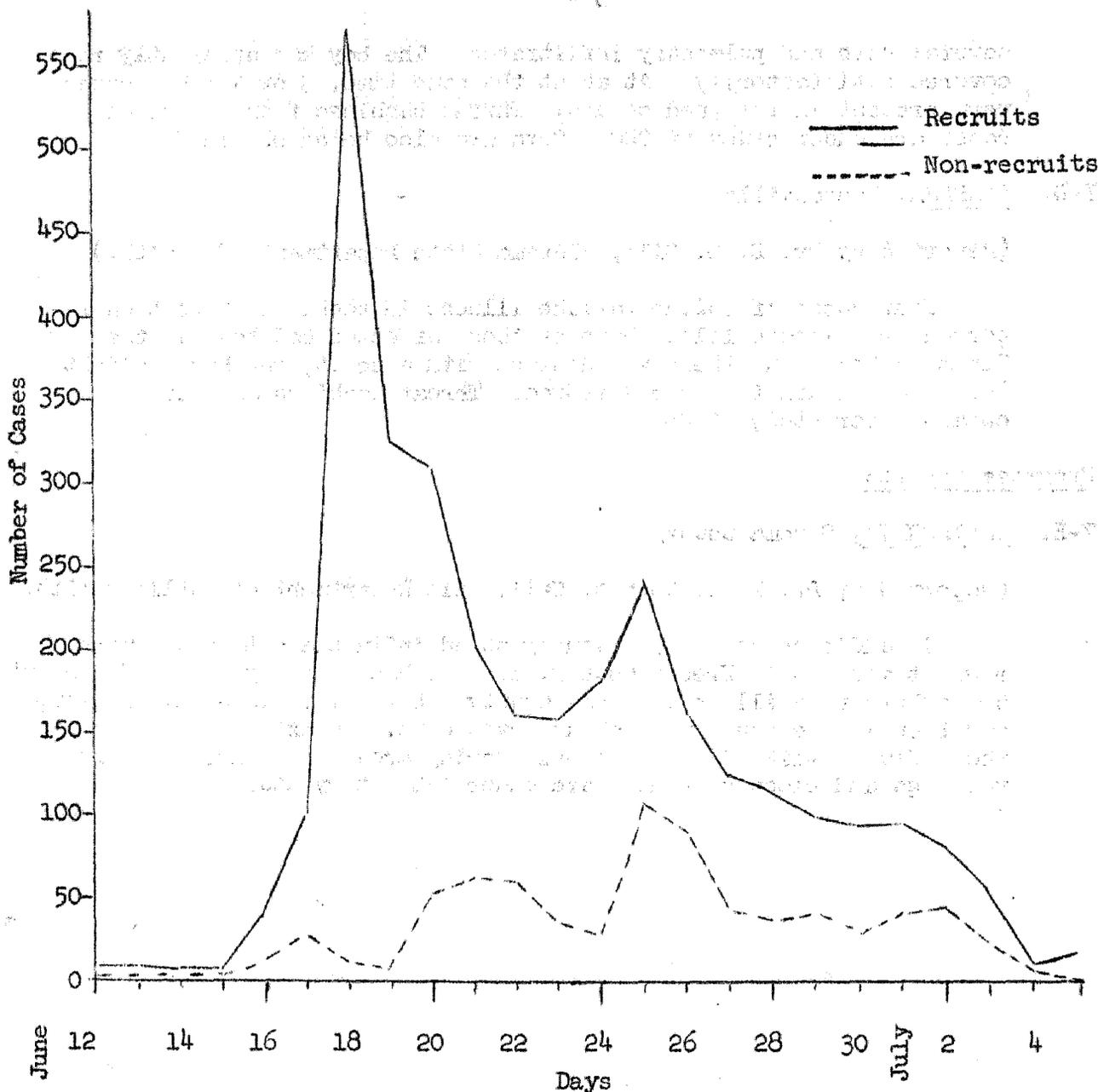
III. Progress Reports

7-E. CALIFORNIA, Sonoma County

(Reported by Dr. P. K. Condit, California Department of Public Health.)

In addition to the previously noted influenza outbreak among migrant workers in Fresno County, another has recently occurred. About 50 workers were ill in a Sonoma County labor camp. This latter group had been in the county for about seven days. No extensive spread of the influenza-like illness to neighboring groups is evident. Throat washings and blood specimens are under laboratory study.

Epidemic Curve for Influenza-like Illnesses
(Hospital Admissions and Dispensary Visits)
Naval Training Center, San Diego, California



(Data from Dr. Clayton Loosli)

IV. An Influenza Outbreak among Naval Shore Personnel, a progress report

7-F. CALIFORNIA, San Diego, Naval Training Center (see also CDC Influenza Report No. 1-C)

(Reported by Dr. Clayton Loosli, University of Chicago, Department of Medicine, and Capt. J. R. Seal, MC, USN, Preventive Medicine Division.)

Of a population of approximately 4300 recruits and 6600 non-recruits, the attack rate for the influenza outbreak of June 16--July 4 was 72% among recruits and 11.5% among non-recruits. The outbreak hit with considerable explosiveness, with a concentration of cases occurring from June 17-27. The epidemic curves, reproduced above, show a striking difference between recruits and non-recruits. The onset was abrupt among the recruits, gradual (in stepwise fashion) among the non-recruits. Of 50 throat washings analyzed so far 32 have yielded type A influenza virus, 20 of which have been shown to be closely related to the Asian strain. Sera from a representative sampling are being examined.

V. Summary Tables - Cases and Outbreaks

TABLE I

Confirmed Outbreaks and Cases of Influenza due to Far East Strains, United States
June 1--July 29, 1957

Dates of Outbreaks	Location	Type of Population	Population at Risk	No. with Influenza-like Illnesses	Deaths	Laboratory Diagnosis by Virus Isolation	Serology	CDC Influenza Report Number
May 20-- June 18	CALIFORNIA San Francisco	Ships from Far East	c.9500	800 ⁺	1	Yes	Yes	1-A
Early June	RHODE ISLAND Newport	Crews of several naval vessels	?	Attack rates 18-45%	0	Yes		1-B 2-G
Mid-June	CALIFORNIA San Diego	Naval Training Station Recruits Station Personnel	c.4500 c.6600	3159 753	0 0	Yes (6-21-57)		1-C
June 5-11	CALIFORNIA San Diego	Crew of naval vessel	130	78	0	Yes		1-C
June	HAWAII	Military personnel Military dependents Civilians	?	527 ⁺ 103 ⁺ 300 ⁺	0 0 0		Yes	1-E
Late June	CALIFORNIA Monterey	Fort Ord Army Base Army Personnel	?	4000 ⁺	1	Yes	Yes	1-H 2-F
Mid-June	OHIO Cleveland	Military man from Far East	Single case		0	Yes		1-D
June 24	OHIO Cleveland	Hospital orderly Young female	Single case Single case		0 0	Yes	Yes	2-A 4-F
June 17-25	CALIFORNIA Davis	High school girls and adult leaders	391 24	224 4	0 1	Yes	Yes	1-G
June 26-- July 2	IOWA Grinnell	College students and adult leaders	1688	200 ⁺	0	Yes	Yes	1-J
July 1-5	UTAH Salt Lake City	High school students Exposed residents	37 64	30 11	0 0	Yes	Yes	1-K 2-E
July 5	KENTUCKY Louisville	Traveler from the Philippines	Single case		0	Yes		3-A
July 11-18	PENNSYLVANIA Valley Forge	International Boy Scout Jamboree	53,000	c.1000	0	Yes		3-D 5-F

TABLE I (Continued)

Dates of Outbreaks	Location	Type of Population	Population at Risk	No. with Influenza-like illnesses	Deaths	Laboratory Diagnosis by Virus Isolation	Serology	CDC Influenza Report Number
July 11-13	KENTUCKY Morris Fork	Isolated encampment	24	12	0	Yes		4-C 5-E
June 19-23	VIRGINIA Norfolk	Pakistani ship previously at Newport, Rhode Island	?	57	0	Yes	Yes	6-A
Early July	TEXAS Corpus Christi	Naval Air Station	?	33	0	Yes		5-C 6-B
June 20-25	CALIFORNIA San Mateo County	Boys camp - 15-17 year olds	53	36	0	Yes	Yes	1-F 6-Note

TABLE II

Unconfirmed Influenza-like Illness, Outbreaks - United States
June 1--July 29, 1957

Dates of Outbreaks	Location	Type of Population	Population at Risk	No. with Influenza-like Illnesses	Deaths	Specimens Throat Washings	Specimens Obtained Blood	CDC Influenza Report Number
May 29-- June 7 June 16	CALIFORNIA Solano County	Mare Island Naval Yard - Marines Crew of cruiser moored in harbor	75 ?	38 187	1 From bacterial pneumonia	Yes	Yes	1-I
June 22-- early July	CALIFORNIA Oceanside	Camp Pendleton Marine recruits	40,000	2511	0	Yes	Yes	2-D
Mid-July	CALIFORNIA Fresno, Sonoma, Los Angeles Counties	Three summer children's camps	800	c.100	0		Yes	3-E
July 8-12	CALIFORNIA Los Angeles	City Jail	?	200 $\frac{1}{2}$	0	Yes	Yes	3-F
Early July	CALIFORNIA Santa Clara	Juvenile Hall, teen-age boys and girls	60	3 $\frac{1}{2}$	0	Yes	Yes	4-A
Mid-July	LOUISIANA Grant Parish	Boys camp	60	30-35	0	Yes	Yes	4-B
June 26-- Early July	ILLINOIS Champaign Co.	Air Force Base	?	610 $\frac{1}{2}$	0	?	?	4-D
July 4-19	WASHINGTON Fort Lewis	Military Personnel	?	c.250	0	Yes	?	5-A
July 17	WASHINGTON Seattle	Military transport arriving from the Orient	2000 crew and passengers	302 en route, 18 on arrival	0	Yes	Yes	5-B 6-C
Mid-July	CALIFORNIA Fresno and Sonoma Cos.	Migrant farm workers	?	50 $\frac{1}{2}$	0	Yes	Yes	6-F 7-E
July	CALIFORNIA Sacramento Co.	Air Force Base personnel	?	300-500	0	Yes	Yes	7-B
July 11	IDAHO Ketchum	Children's camp	?	39	0	Yes	Yes	7-A

TABLE III

Outbreaks of Febrile Respiratory Disease - Etiology Other Than Influenza or No Specimens Obtainable
June 1--July 29, 1957

Date of Outbreaks	Location	Type of Population	Population at Risk	No. with Influenza-like Illnesses	Deaths	Specimens Obtained	CDC Influenza Report Number	
Early July	MISSOURI Columbia	Townpeople	?	200+	0	Throat Washings Yes Negative for influenza	Blood Yes	1-L
Late June	CALIFORNIA San Mateo, Santa Cruz, Sonoma, Tulume, and Plumas Counties	14 summer children's camps	c.1530	c.270	0	0	0	1-M 4-E

TABLE IV

Reported Influenza-Like Illness among Returning Delegates from Grinnell (Iowa) Conference
Through July 29, 1957

Date of Illness (Reported)	Location	Number Ill After Conference	Number of Sec- ondary Cases in Contacts	Laboratory Confir- mation Far East Strain Influenza	CDC Influenza Report Number
June 26--July 2	Grinnell, Iowa	(200 ⁷ of 1688 ill at conference)	-	Yes	1-J
July 5	KENTUCKY Louisville Lexington	24	-	Yes	2-B
Early July	INDIANA Indianapolis Evansville	27	-	No	2-C
Early July	ILLINOIS Decatur, Edwards- ville, Peoria, Chicago	67	-	No	-
Mid-July	NEW MEXICO Las Vegas	37	1	No	3-B
Mid-July	CONNECTICUT NEW YORK	3 4	1 2	No No	3-C 5-D
Mid-July	MINNESOTA COLORADO Denver	15 1	- -	No No	- -
Mid-July	NORTH CAROLINA	3	4	No	-
Mid-July	MARYLAND	1	-	No	-
Mid-July	WISCONSIN	17	-	No	-
Mid-July	IDAHO	47	-	No	-

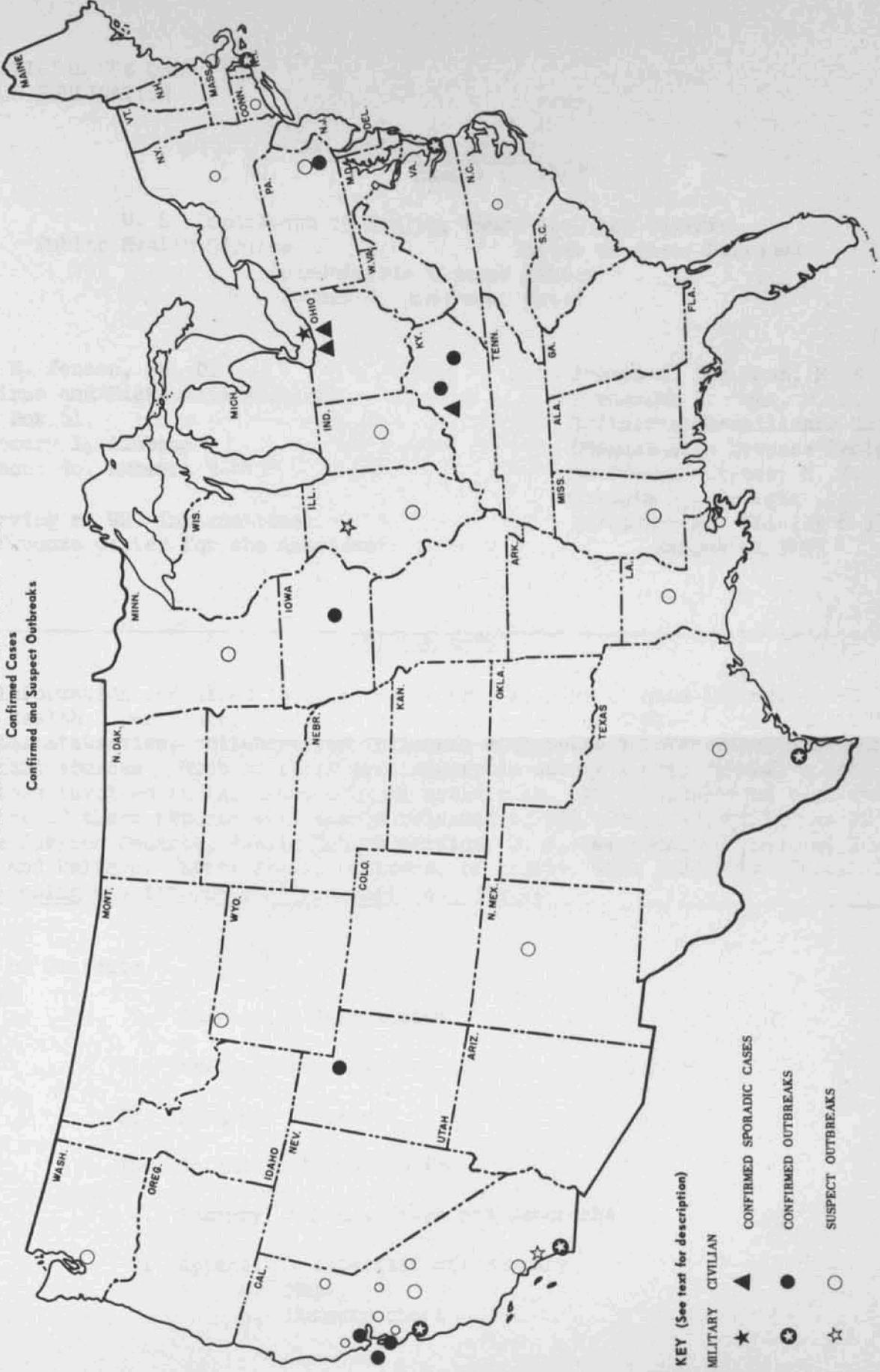
TABLE V.

Reported Outbreaks of Influenza-like Illness among Boy Scouts Returning from the Jamboree
Through July 29, 1957
(See CDC Influenza Progress Report 6-E, 7-D)

Date of Report	Final Destination of Group	Mode of Transportation	Number Ill	Illness En Route Home	Illness after Arrival	Reported From
July 23	Southern California and Hawaii, except Los Angeles	Train	27	Yes	---	Louisiana
July 23	Connecticut	Train	1	---	Yes	Connecticut
July 23	San Francisco via New England	Train	46 $\frac{1}{2}$	Yes	---	Boston and New London, Conn.
July 23	South Carolina	Train	1	---	Yes	Marion County, South Carolina
July 24	Baton Rouge, Louisiana	Train	2	Yes	---	Roanoke, Va.
July 24	Austin, Texas	?	13 $\frac{1}{2}$	---	Yes	Texas
July 25	San Francisco	Train	200 $\frac{1}{2}$	Yes	---	Yellowstone, Wyo. and Mont.
July 25	Jackson, Mississippi	Train	?	---	Yes	Mississippi
July 29	Jackson, Alabama	?	4-5	Yes	Yes	Alabama
July 29	Thomasville, Alabama	?	5	Yes	Yes	Alabama

INFLUENZA - FAR EASTERN STRAIN - 1957

Confirmed Cases
Confirmed and Suspect Outbreaks



KEY (See text for description)

- MILITARY CIVILIAN
- ★ ▲
- ⊛ ●
- ☆ ○
- CONFIRMED SPORADIC CASES
- CONFIRMED OUTBREAKS
- SUSPECT OUTBREAKS