GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

(1) Box no. 2843

(2) Folder title/number: (14)
Japanese Encephalitis

(3) Date: Aug. 1948 - Aug. 1950

(4) Subject:

Classification	Type of record
750, 9750	z

(5) Item description and comment:

Tokyo and Shizuoka

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

2

JAPANESE ENCEPHALITIS

1. No. of cases: Confirmed: 21
Suspected: 76

Total 97 (as of Aug. 23, 1950)

2. No. of dead cases:

Confirmed: 6
Suspected: 18

Total 24 (as of Aug. 23, 1950)

3. D.D.T. Sprayers:

No. of squads: 103 (standing squads)
No. of sprayers: 471 persons

4. Amount of D.D.T. sprayed:

10% powder: 34,573 kg.
5% liquid: 13,989 gallons.

5. The places where D.D.T. was dusted or sprayed are shown in attached sheet. D.D.T. was dusted 50 meters around the house of each of dysentry cases.

6. Blood tests were made for the patients by the prefectural Hygenic Institute. As a result, 5 proved to be positive among the18 examined.

DYSENTRY

1. No. of cases: Dysentry: 758
Children's dysentry: 464

Total 1,222 (as of Aug. 19, '50)

2. No. of dead cases:

Dysentry:	32
Children's dysentry:	200
Total	232(as of Aug. 19, 1950)

3. Area of the outbreak:

The outbreak is seen at various places as illustrated, in a reparate sheet, and the mass cases were found in these areas, Inatori-cho, Ito City; Aojima Town; Yaizu-cho and Kega-cho.

4. The cause is not known exactly, but the case seems to be attributable to contagion or using the river-water, due to lack of hygienic knowledge of the people.

5. Result of the examination made at Shizuoka Prefectural Health Institute:

The number of the persons examined is 15,266, of which 22 were positive.

Distribution of Japanese Encephalitis Cases.

As of Aug. 23, 1950.

縮尺二十万分之一

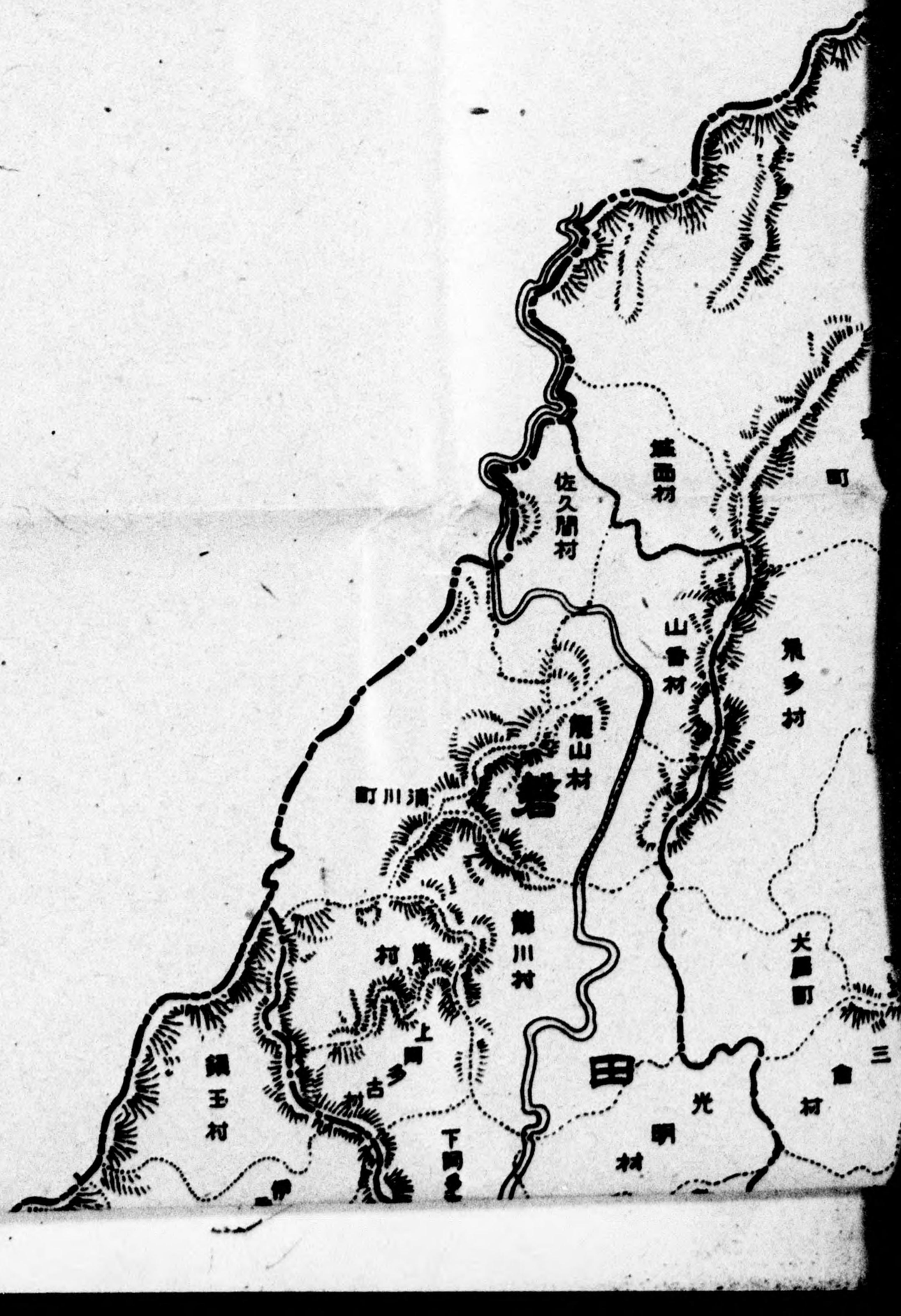
0 1 2 3 4 5里

0 5 10 15 20粁

市	河川	町村	郡界	県界	軌道	鉄道停車場

○ genuine case

○ suspected case



Encephalitis Cases.

As of Aug. 23, 1950.

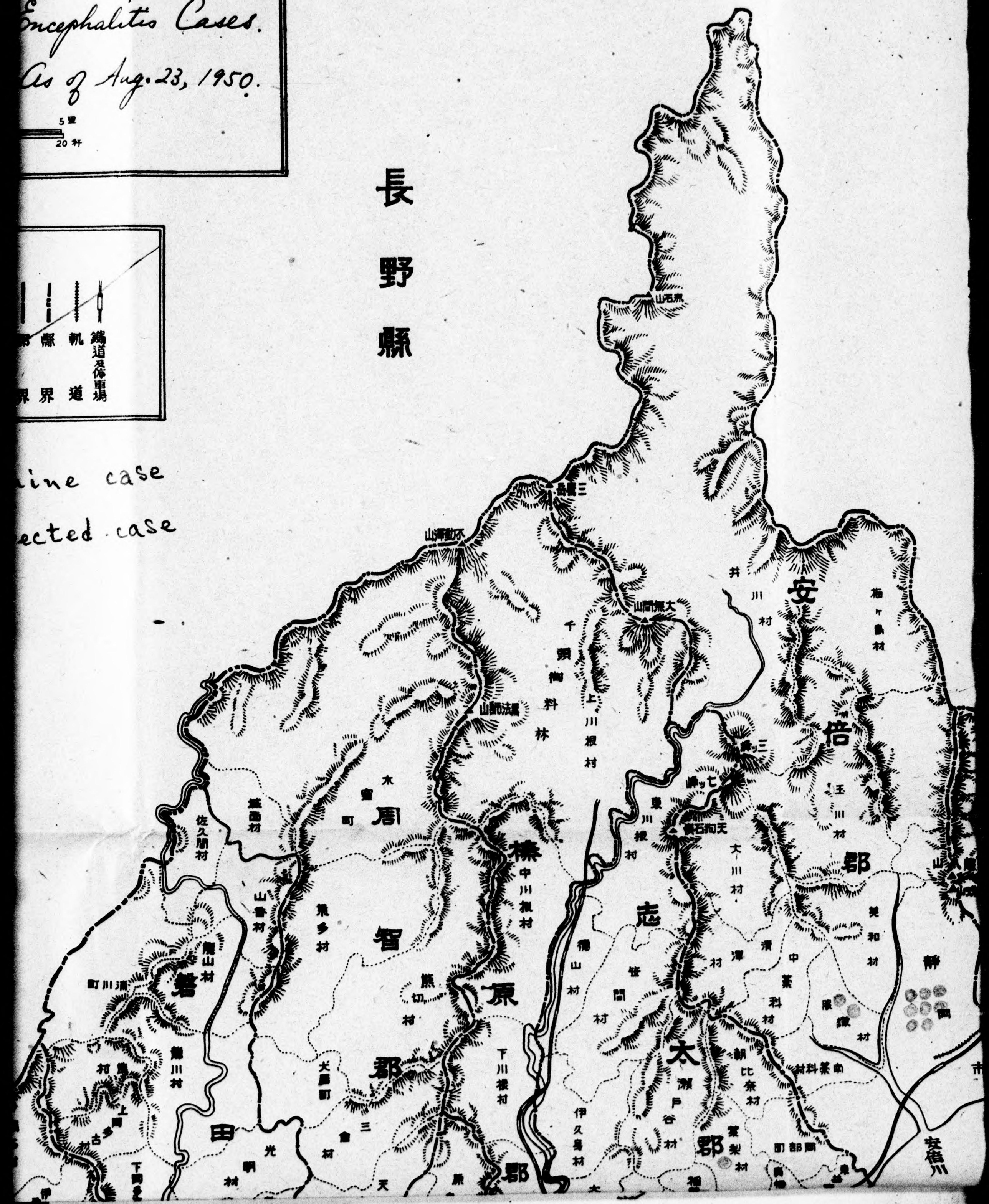
5里
20粁

鐵道及停車場
軌道
縣界
界

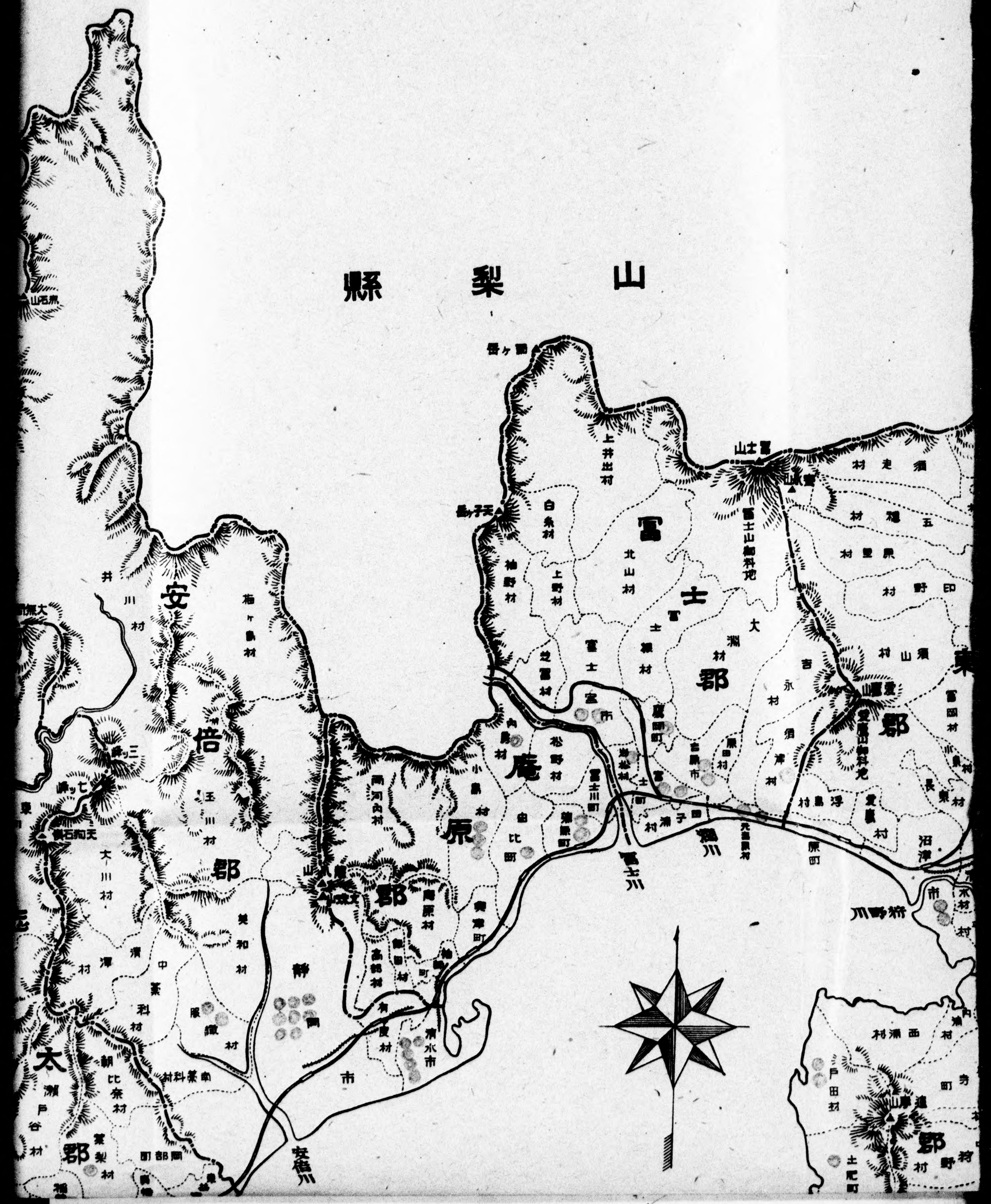
ine case

ected case

長野縣



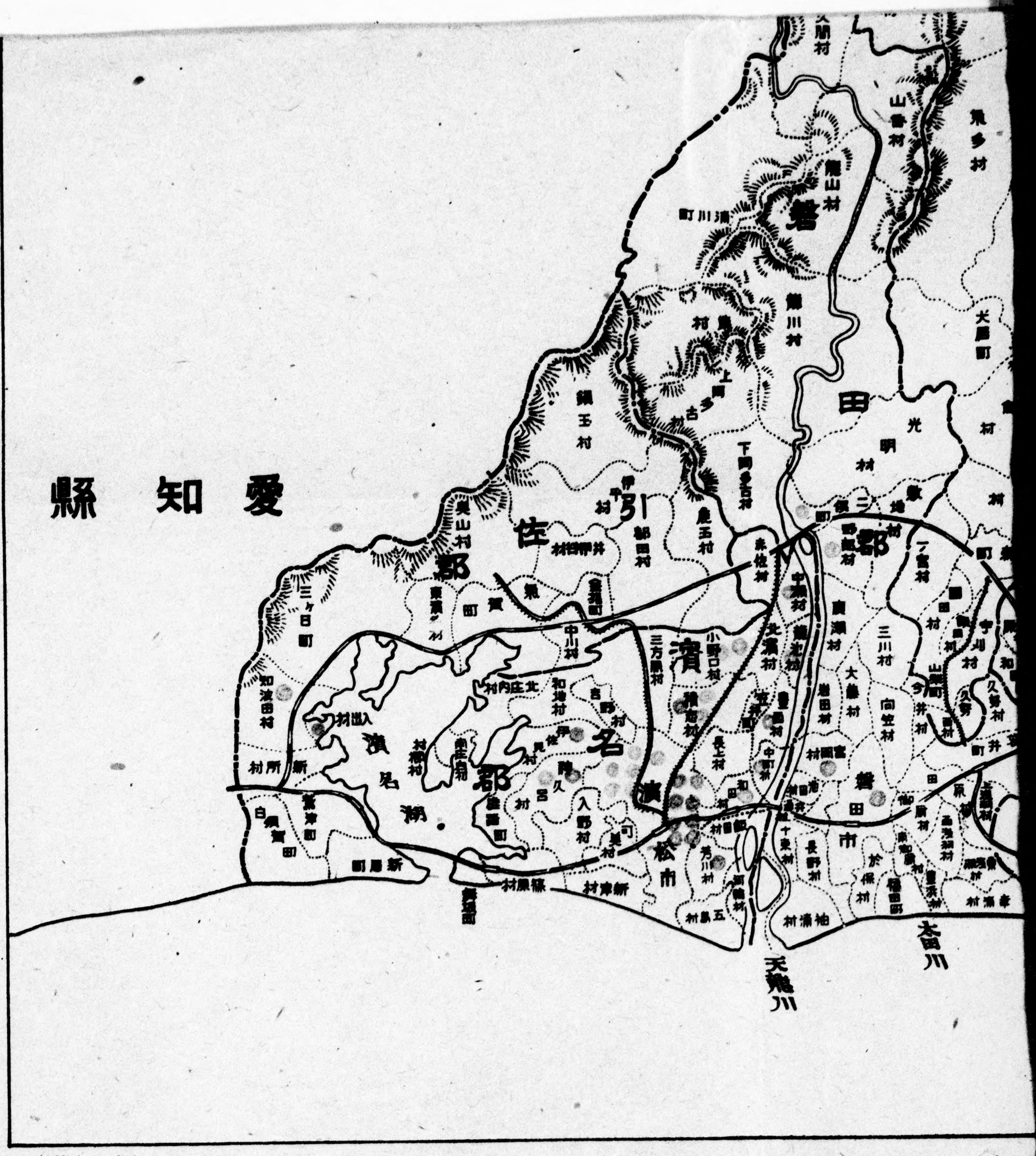
縣梨山


山梨縣
富士山
富士吉田市
富士宮市
富士川
河口湖
山中湖
本栖湖
西湖
精進湖
須走村
印野村
山中村
吉永村
須山村
大淵村
上井出村
白糸村
北山村
上野村
芝富村
柚野村
内船村
松野村
小島村
由比町
蒲原町
岩松村
富士川町
吉原市
原田村
岩淵村
元富原村
浮島村
愛鷹村
長泉村
沼津
原町
鷹山御料地
大沢村
井川村
梅ヶ島村
玉川村
大川村
中藁科村
南藁科村
藁科村
清水市
静岡市
有度村
高部村
静岡村
興津町
清水村
和田島村
服織村
美和村
清沢村
三ッ峰
七ッ峰
天狗石峰
安倍川
大井川
太田川
興津川
富士川
狩野川
戸田村
土肥町
西浦村
内浦村
寺町
狩野村
愛鷹山
駿河湾

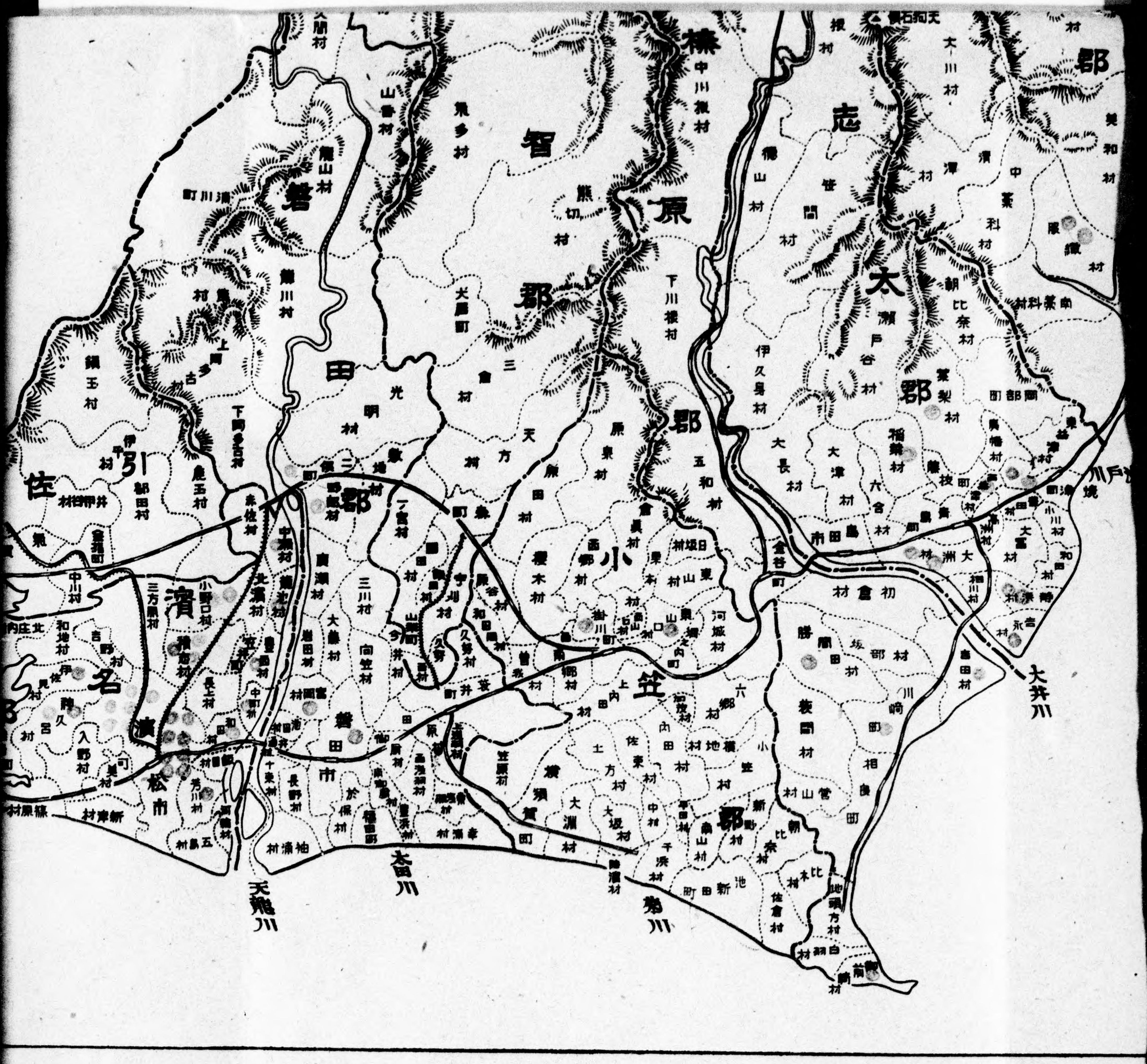
神奈川縣

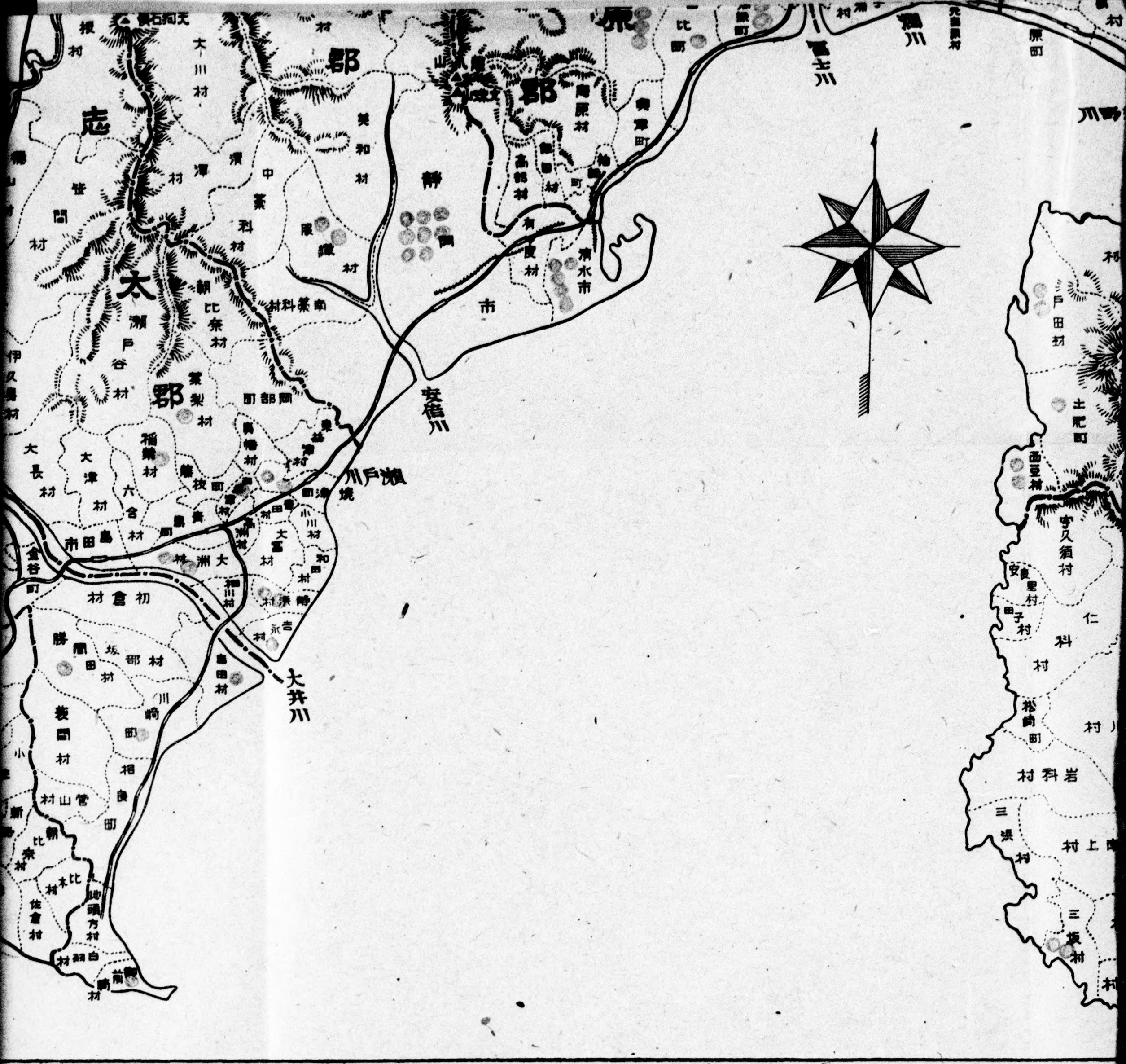
山
富士山
三國ヶ岳
小山町
北郷村
須走村
高根村
五穀村
印野村
御殿場町
駿東郡
富士岡村
深良村
裾野市
三島市
函南村
熱海市
伊東市
小田原市
足柄村
上井出村
白糸村
上野村
北山村
富士宮市
芝富村
富士根村
大淵村
富士川町
松野村
蒲原町
由比町
富士川
吉原市
原田村
吉原町
富士町
富士川
元吉原村
原町
沼津
愛鷹山麓
愛鷹山麓
愛鷹山麓
吉永村
須津村
浮島村
長泉村
富岡村
須山村
東
鄙
中郷村
大平村
江間村
伊豆長岡町
川狩野
内浦村
西浦村
大仁町
修善寺町
戸田村
土肥町
狩野村
中狩野村
上狩野村
大見村
下大見村
中大見村
上大見村
北狩野村
下狩野村
宇佐見村
伊東市
小室村
網代町
方
田
駿

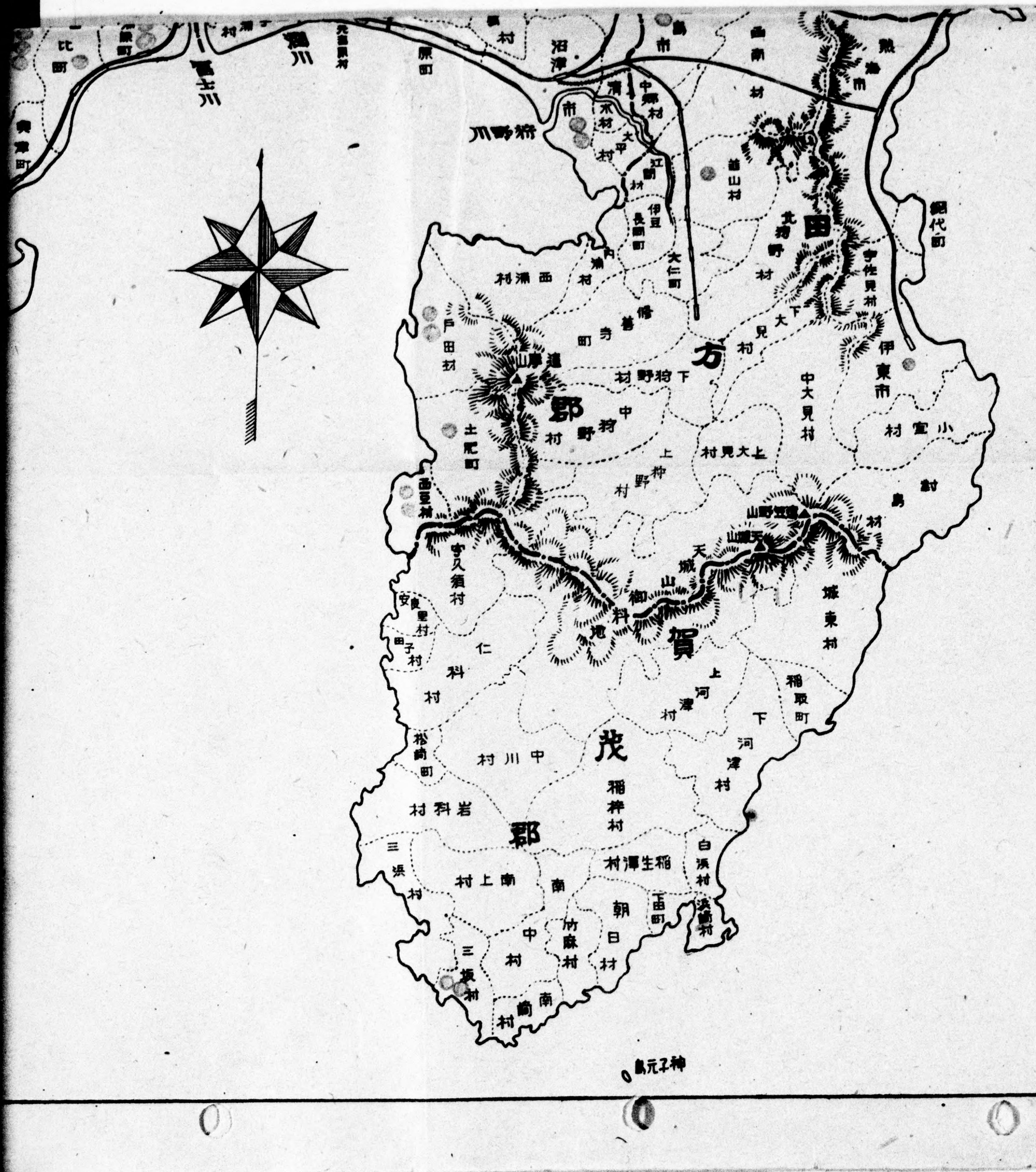
愛知縣


鳳來村
山吉村
東栗村
鳳山村
町川濱
碧
田
市
豐川村
上開多吉村
鎭玉村
下開多吉村
光明村
牛川村
一宮村
三川村
向笠村
大崎村
岩田村
豐岡村
豐和村
山開町
久野村
今井村
原村
高洲新村
東幡豆村
吉良村
幡豆村
西尾町
一色町
吉田町
大塚村
寺津村
白須賀町
新居町
新居
弁天島
舞阪
松
市
芳川村
五島村
新津村
入野村
鷲津村
村原篠
新居町
白須賀町
寺津町
濱名湖
北庄内村
和地村
吉野村
名
郡
濱
佐
郡
濱
三方原村
小野口村
北浦村
宇利村
豐岡村
豐橋
三ヶ日町
知波田村
所村
新
出入村
村郷新
見村
伊佐地村
久呂村
村野入
司
村美
村田飯
村長上
村中部
村和田
村池田
村豐岡
村長野
村浦袖
村東幡豆
村東知留
村平原
村幡豆
村吉良
村横須賀
村西尾
村寺津
村鷲津
村新居
村弁天島
村五島
村芳川
村津新
村原篠
天龍川
太田川

（瀧井印刷）、


磐田郡
周智郡
志太郡
榛原郡
小笠郡
佐野郡
引佐郡
濱名
濱松市
磐田市
天龍川
太田川
菊川
大井川
中川根村
本川根村
水窪町
龍山村
佐久間町
浦川町
鹿島村
上阿多古村
下阿多古村
鎮玉村
伊平村
引佐町
都田村
金指町
中川村
三方原村
三方原
小野口村
北浦村
豊岡村
笠井町
和地村
吉野村
伊佐見村
入野村
河輪村
五島村
新津村
雄踏村
長上村
中町村
和田村
芳川村
可美村
細江町
気賀町
三ヶ日町
三ヶ日村
北庄内
南庄内
引佐
井伊谷村
金指町
都田村
鹿玉村
東佐村
宇利村
龍北村
北浦村
笠井町
豊岡


志
太
郡
静
岡
市
清水市
安倍川
瀬戸川
焼
大井川
富士川
原町
土肥町
西伊豆村
安良里村
仁科村
岩科村
三浜村
三坂村
上村
大長村
島田市
金谷町
初倉村
勝間田村
坂部村
藤枝町
岡部町
静波村
吉永村
相良町
牧之原村
朝比奈村
地頭方村
白羽村
前浜村
瀬戸谷村
伊久身村
大川村
天狗石村
中藁科村
南藁科村
藁科村
服織村
美和村
高部村
有度村
清水市
富士川
原町
比町
村


富士川
沼津市
清水市
大平村
江尻町
伊豆長岡町
内浦村
西浦村
大仁町
修善寺町
戸田村
土肥町
西豆村
下狩野村
上狩野村
中狩野村
上大見村
中大見村
下大見村
天城山
万二郎岳
伊東市
小室村
網代町
熱海市
函南村
三島市
仁科村
賀茂郡
稲取町
河津村
下河津村
稲梨村
中川村
松崎町
岩科村
南伊豆村
三浜村
南上村
稲生沢村
白浜村
下田町
朝日村
竹麻村
中村
三坂村
南崎村
安良里村
田子村
守久須村
神子元島

Distribution of Dysentery Cases
(As of 19 Aug. 1950)

縮尺三十万分之一

0 1 2 3 4 5粁
0 5 10 15 20粁

鉄道及停車場
軌道
県界
郡界
町村界
河川

○ No. of dystentry cases.

○ No. of children's dystentry cases.

dysentery cases
of 19 Aug. 1950)

4 5里
3 20 粁

鐵道及停車場
軌道
縣界
郡界

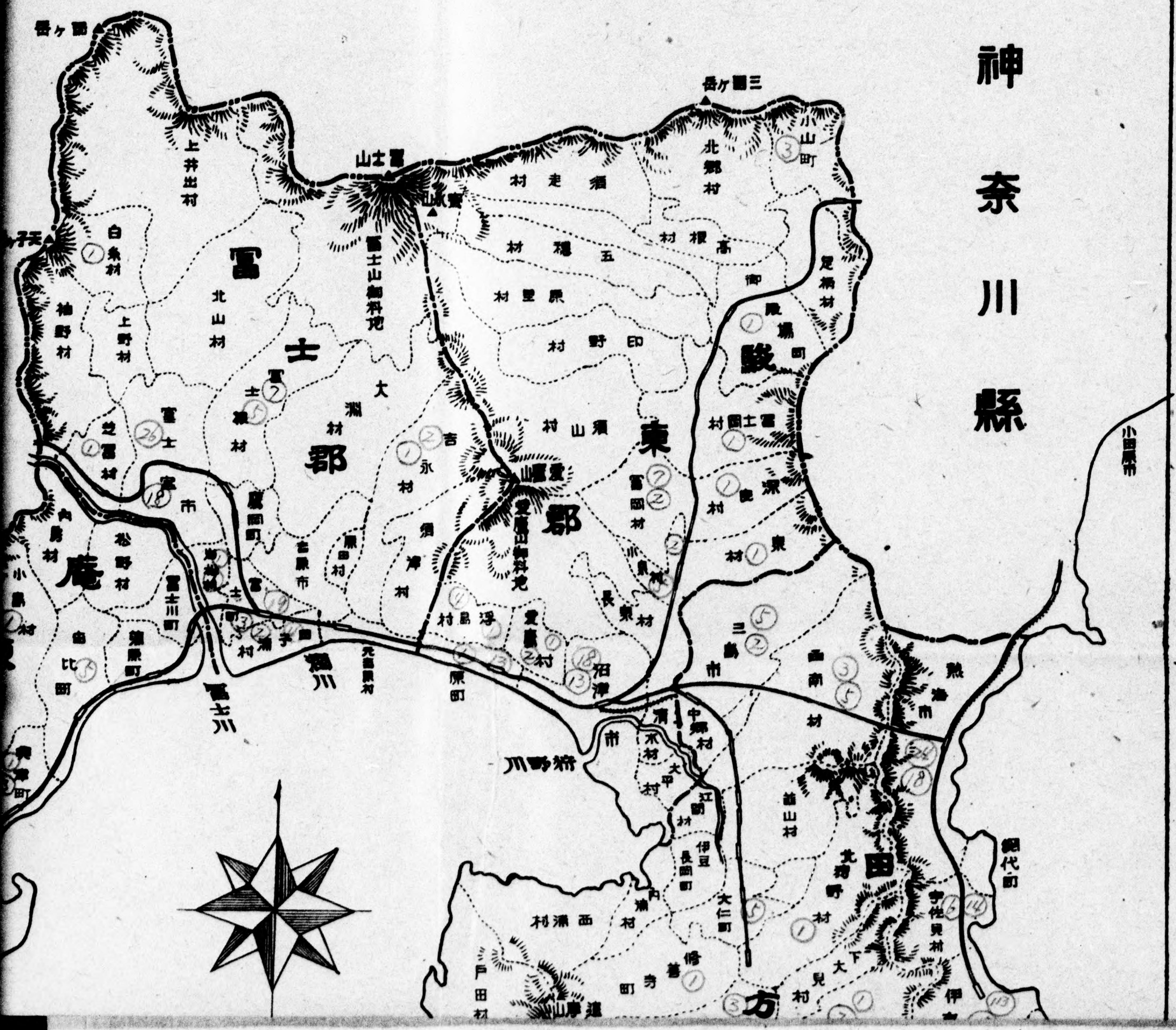
長野縣

of dystentry cases.

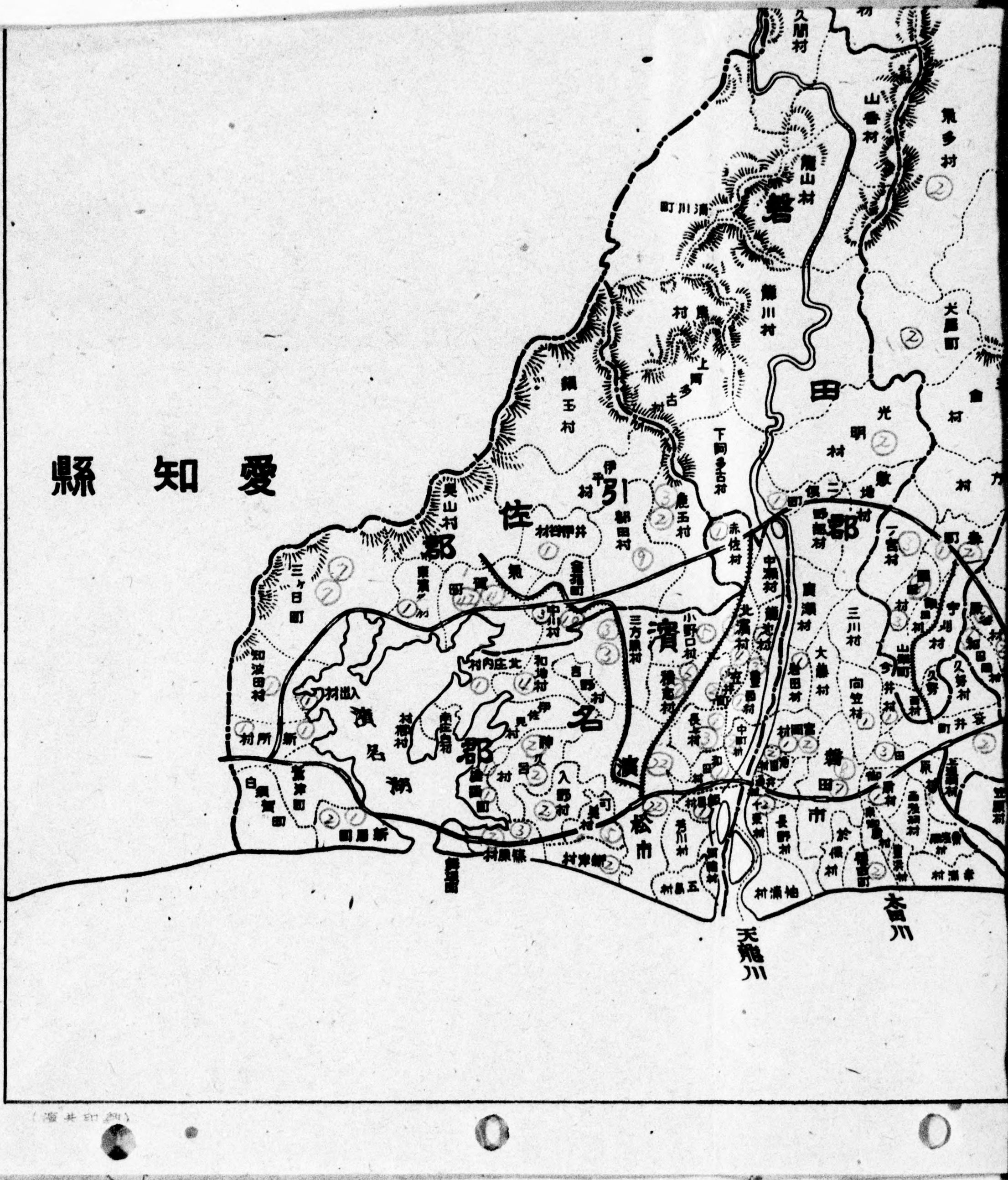
of Children's dystentry cases.

山梨縣

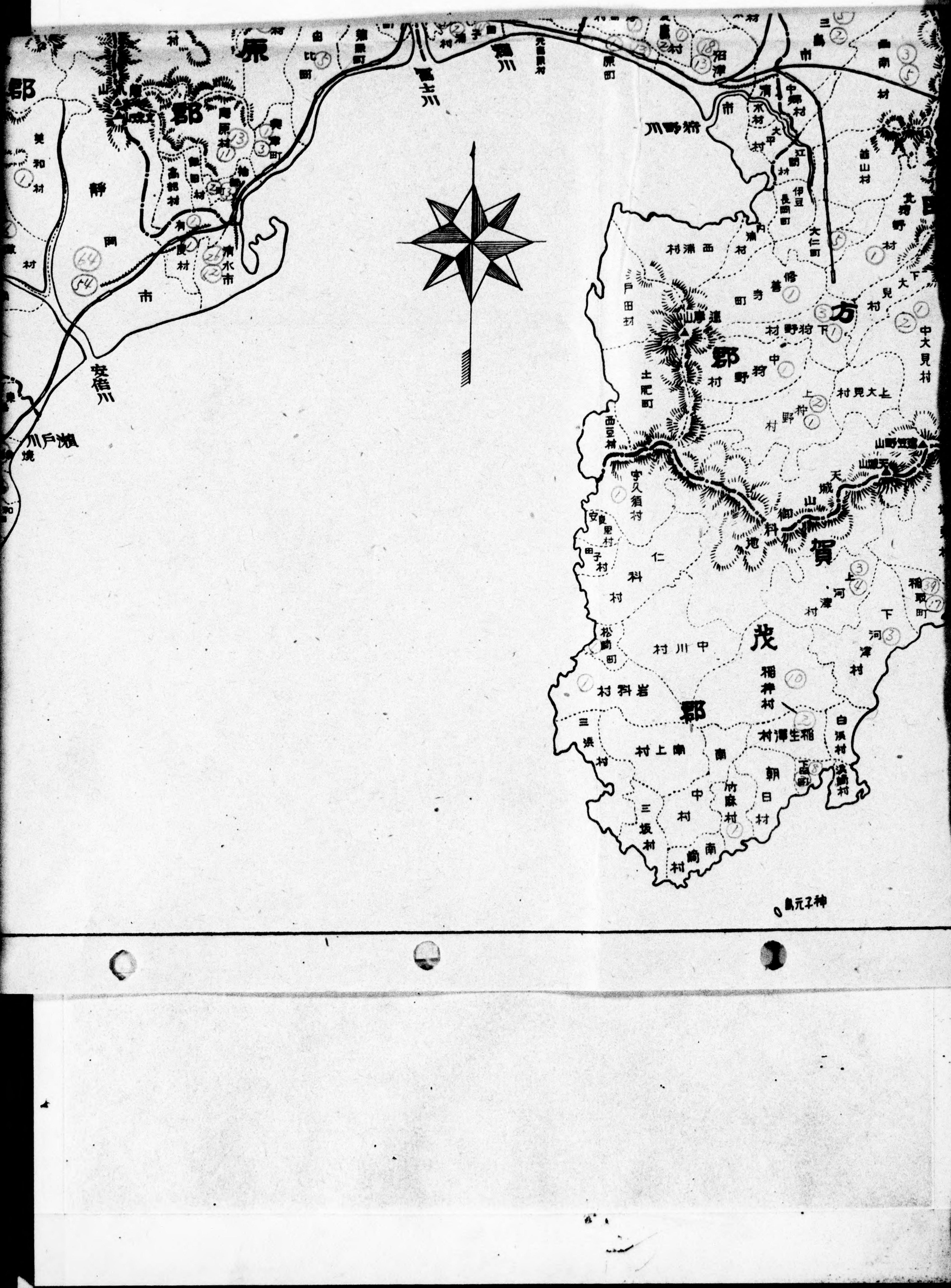
神奈川縣 山梨

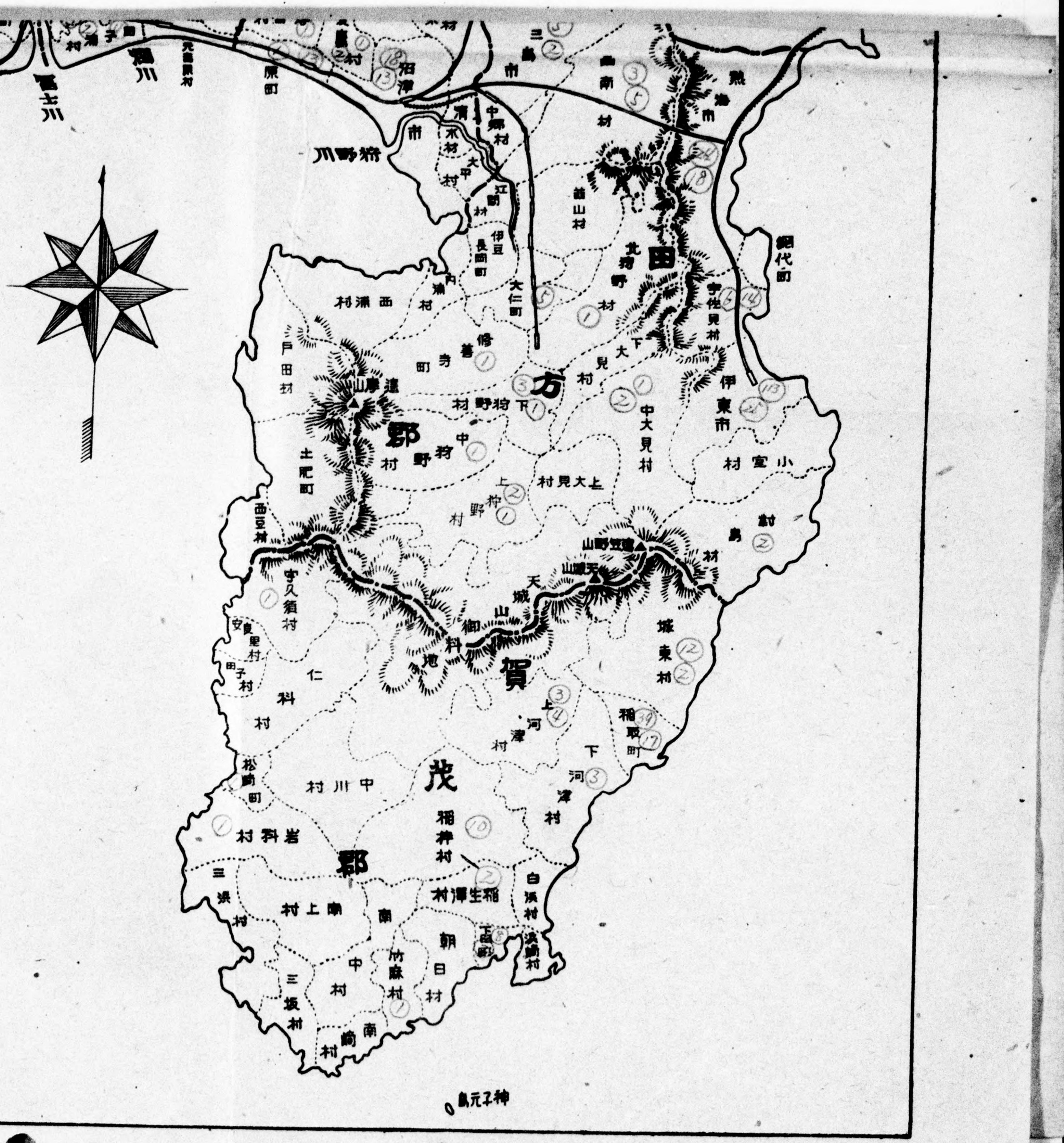

三國ヶ岳
山士國
山水雪
富士山御料地
富士
北山村
上井出村
白糸村
柚野村
上野村
芝富村
富士宮市
富士川町
由比町
鷹岡町
吉原市
松野村
内房村
小島村
庵原町
富士川
元富原村
原町
鷹川
大淵村
吉永村
須津村
原田村
愛鷹山麓
愛鷹山御料地
東
富岡村
長泉村
浮島村
愛鷹村
沼津
中郷村
大平村
江間村
伊豆長岡町
大仁町
内浦村
西浦村
修善寺町
戸田村
狩野川
北郷村
小山町
御殿場町
足柄村
高根村
五穂村
裾野村
印野村
須山村
駿
富士岡村
深良村
東村
三島市
函南村
熱海市
韮山村
大見村
下田
北狩野村
寺佐見村
伊豆
網代町
小田原市
天子
方

愛知縣


鳳山村
鳳來寺町
鳳來川村
上黒多古村
下黒多古村
玉川村
伊平村
鹿玉村
新田村
赤佐村
井代村
材木村
三ヶ日町
東漸寺村
中小村
北庄内村
和地村
吉野村
出村
濱名湖
新所村
白須賀町
新居町
舞阪町
弁天島
入野村
村櫛村
伊佐見村
神久呂村
三方原村
小野口村
都築村
北浦村
宮口村
長上村
中町村
和田村
豊岡村
富塚村
大島村
鶴見村
三川村
向笠村
鶴田町
鶴田村
光明村
二俣町
二俣村
一宮村
中瀬村
北遠村
天龍川
太田川
山東村
宇利村
久野村
井村
豊岡村
原谷村
仁兎村
長野村
於保村
五島村
柚浦村
村櫛村
村津村
羽原村
松市
濱名郡
北設楽郡
南設楽郡
磐田市
袋井町
掛川町
浜松市

磐田郡
志太郡
榛原郡
静岡市
安倍川
藤川
大井川
天龍川
磐田市
藤枝市
焼津市
島田市
川根村
中川根村
本川根村
大井川町
相良町
吉田町
金谷町
初倉村
六合村
大津村
稲葉村
瀬戸谷村
伊久身村
大長村
葉梨村
岡部町
藤枝町
青島村
大富村
小川村
知和村
細川村
大洲村
高洲村
東益津村
高部村
静波村
吉永村
坂部村
川崎町
勝間田村
藤守村
小笠村
新野村
比木村
比奈村
地頭方村
白羽村
御前崎村
池新田町
佐倉村
千浜村
横須賀町
大須賀村
土方村
大渕村
大坂村
中村
平田村
笠原村
六郷村
内田村
上内田村
笠井町
今井村
山梨村
東海之内町
河城村
掛川町
南郷村
日坂村
東山口村
倉真村
西郷村
原泉村
榛木村
原田村
三倉村
天方村
光明村
二俣町
犬居町
熊切村
下川根村
中川根村
山香村
久間村
東多村
浦川町
鶴山村
鶴川村
上岡多村
下岡多古村
鬼石村
赤佐村
宇津村
北浦村
笠井村
豊岡村
中町村
長上村
池田村
富岡村
向笠村
大藤村
豊田村
宮園村
長野村
於保村
十束村
五島村
花川村
柚浦村
宇洲村
宇刈村
三川村
貴瀬村
宇津村
山梨村
久努村
曽我村
井宮村
雄踏村
猪鼻村
小野口村
浜松市
磐田市
藤枝市
焼津市
島田市
静岡市


静岡市
清水市
安倍川
富士川
富士川
沼津市
三島市
原町
由比町
蒲原町
元吉原村
原町
清水村
中之郷村
大平村
江間村
伊豆長岡町
大仁町
内浦村
西浦村
戸田村
修善寺町
土肥町
西伊豆村
松崎町
岩科村
中川村
南上村
三浜村
三坂村
南中村
南崎村
竹麻村
朝日村
稲梓村
稲生沢村
白浜村
浜崎村
下河津村
上河津村
稲取町
下大見村
中大見村
上大見村
狩野村
上狩野村
中狩野村
下狩野村
仁科村
安良里村
田子村
土肥村
宇久須村
山野豆峠
天城山
万二郎岳
御料地
賀茂郡
茂賀郡
神子元島


富士川
富士川
沼津
原町
三島市
清水市
中郷村
大平村
江尻村
伊豆長岡町
大仁町
内浦村
西浦村
修善寺町
戸田村
土肥町
西豆村
松崎町
中川村
岩科村
三浜村
南上村
南中村
竹麻村
朝日村
白浜村
浜崎村
正成町
稲取町
下河津村
上河津村
北狩野村
下大見村
中大見村
上大見村
小室村
対島村
伊東市
熱海市
網代町
城東村
天城山
山野豆嶺
仁科村
安良里村
田子村
松崎町
稲梓村
稲生沢村
狩野村
上狩野村
中狩野村
下狩野村
遠山
御料地
天城山
富士見村
富士見村
富士見村

18 August 1950

General Faults with Control Measures in and around J.B. Encephalitis Cases.

1. Incomplete and improper residual spraying of all homes and animal shelters within a 50 mater radius of a reported suspect case.

2. Use of small hand sprayers for residual spraying of homes. Knapsack-type sprayers are absolutely necessary.

3. Using extremely small amounts of 5% residual.

4. Lack of information to persons within area as to purpose and ways of cooperating with teams.

5. Use of "Yoboiin" or related groups giving them responsibilities rather than by teams.

6. Delay in getting teams to area to be covered.

7. Not spraying homes because of influence of home-owners, national etc.

8. Not getting food out of houses to be sprayed and indiscriminate use of oil on vegetation.

9. Spending too much time on grass-cutting in areas that do not harbor mosquitoes.

10. lack of sufficient cleaning in areas which material has to be buried or removed by scavenger sections.

11. In other words.

lack of good supervision by personnel responsible is <u>Health Centers</u>.

MIGHT BE NEW TYPE ENCEPHALITIS THIS YEAR

The Health Bureau of the Tokyo-To Municipal Government announced on 19th August, that the encephalitis occurred in this year might be a quite new type which were not yet discovered.

There were already 47 patients being hospitalized as suspected encephalitis. 9 cases were clinically confirmed as encephalitis. However, according to the blood test, all of the 9 cases showed negative to B type encephalitis, which was epidemic in last year.

It seems quite new type, because inspite of the strong toxicity, there were found no mass occurrence and also no serious infectivity.

The tendency of the occurrence in the last year showed the epidemic in beginning of the fall, but the type of this year seems in the middle of the fall.

HEADQUARTERS
406th MEDICAL GENERAL LABORATORY
APO 500 U.S.ARMY

8 Aug.49

SUBJECT: Report of Laboratory Test

TO: Commanding Officer
Tokyo Civil Affr's Team

1. Specimens Ota, Akiko, dated 29 July and 2 August. Complement fixation tests were negative for Japanese B encephalitis.

FOR THE COMMANDING OFFICER:

A. L. Burroughs

Dr. A. L. Burroughs
Virus & Rickettsial Section

AUG 9 1949

Encephalitis Epidemic in 1935
Number of Tatamis for 1 person

1 tatami	76	5.72
2 "	439	33.46
3 "	365	27.46
4. "	205	15.43
5 "	101	7.60
6 "	56	4.21
7 "	30	2.26
8 "	25	1.88
9 "	16	1.20
10 "	5	0.38
over 11 "	11	0.83
	1329	

SYMPTOMS AT ONSET DATE

	PERCENTAGE	TOTAL	Hongo	Minamitama	Shinagawa	Omori	Setagaya	Asakusa	Takinogawa	Katsushika	Mukojima	Asabu	Nishitma	Toshima	Suginami	Meguro	Oji	Akasaka	Nakano	Edogawa	Kamata	Fukagawa	Ushigome	Kanda	Kojimachi	Joto	Shibuya	Shiba	Nihonbashi	Adachi	Kofshikawa	Ebara	Shitaya	Chuo	Kitatama	Arakawa	Itabashi
Headache	70.6	522	10	13	19	28	50	7	6	17	13	4	1	35	16	12	8	6	11	21	18	22	1	5	8	13	11	12	3	26	17	14	19	9	24	31	12
Nausea	38.2	283	3	7	10	18	24	3	2	9	6	1	1	24	3	6	7	5	8	9	13	18	2	3	4	6	5	7	-	13	11	6	14	2	15	13	5
Vomitting	36	265	3	8	8	18	20	3	2	9	6	1	-	19	5	7	8	4	9	7	12	6	1	3	4	8	7	7	-	15	12	6	12	1	15	11	8
Convulsions	39.8	294	5	7	14	13	30	7	3	11	5	2	1	21	8	10	11	3	7	9	8	9	2	1	4	5	8	6	4	15	7	2	17	2	14	16	17
Fever	97.0	728	11	16	24	51	64	12	9	18	17	5	1	57	19	19	22	8	15	22	27	31	2	7	12	16	17	14	6	40	21	17	19	10	30	42	17
Drowsiness	44.7	331	3	9	14	20	28	6	5	13	7	3	-	23	7	9	11	2	10	10	9	12	3	2	7	4	7	7	3	12	10	7	18	7	21	18	4
Personality Changes	11.9	68	3	4	3	8	6	-	-	-	-	-	-	4	-	-	-	1	2	2	-	1	-	1	2	6	1	5	-	1	3	1	3	-	2	5	4
Unconsciousness	2.7	20	-	-	1	1	2	-	2	1	-	-	-	3	2	-	-	-	1	-	1	-	-	-	-	1	-	2	-	1	1	-	1	-	-	-	-
Stomachache	1.3	10	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	5	-	-
Diarrhea	3.9	30	-	-	2	5	1	-	-	-	-	-	-	6	-	2	-	-	-	4	-	1	-	1	1	-	-	1	-	-	1	-	2	1	2	-	-
Stiffneck	0.6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-
Physical defect	27.8	207	3	5	1	8	21	2	4	3	11	3	-	15	3	-	-	8	7	3	10	5	1	3	9	10	6	6	2	2	11	5	10	4	7	14	7
Mental defect	43.9	325	5	10	7	15	24	7	3	11	9	4	-	20	5	1	5	8	9	10	15	8	-	1	8	14	9	8	2	21	18	2	21	4	13	19	9
None defect	52.3	387	6	6	17	36	33	5	5	7	6	1	1	38	14	18	17	-	8	12	12	23	3	5	3	2	8	6	2	21	4	12	15	4	18	11	8
Total of Patients		740	11	16	24	51	57	12	9	18	17	5	1	58	19	19	22	8	17	22	27	31	4	8	12	16	17	14	6	42	22	17	36	12	31	42	17

PHYSICAL SYMPTOMS AFTER DISCHARGE

	PERCENTAGE	TOTAL	Hongo	Minamitama	Shinagawa	Omori	Setagaya	Asakusa	Takinogawa	Katsushika	Mukojima	Azabu	Nishitama	Toshima	Suginami	Meguro	Oji	Akasaka	Nakano	Edogawa	Kamata	Fukagawa	Ushigome	Kanda	Kojimachi	Joto	Shibuya	Shiba	Nihonbashi	Adachi	Koishikawa	Ebara	Shitaya	Chuo	Kitatama	Arakawa	Itabashi
Loss of Weight	10.9	81	2	-	1	1	4	-	4	2	2	1	-	3	2	-	-	4	4	1	2	-	1	3	6	-	3	2	-	-	4	1	5	2	6	4	2
Loss of Appetite	8.9	66	1	2	-	4	8	-	4	1	2	-	-	9	1	-	-	3	3	2	2	-	-	-	3	3	0	-	-	-	1	1	1	3	2	8	2
Impaired Hearing	2.1	16	-	-	-	1	3	-	-	1	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	3
Impaired Vision	2.6	20	-	-	-	2	4	-	-	-	1	-	-	-	1	-	-	2	-	-	1	1	-	-	1	1	-	1	-	-	0	2	1	-	1	-	1
Sleeplessness	5.7	42	1	-	-	1	6	-	1	1	-	3	-	3	-	-	-	4	2	2	-	-	-	-	1	3	2	1	-	-	1	1	1	2	1	3	2
Pain	3.9	30	-	1	-	-	3	-	-	1	1	1	-	2	-	-	-	2	1	-	1	1	-	-	-	4	1	2	1	-	2	1	1	1	-	1	2
Sensitiveness	9.7	72	1	4	1	2	7	-	1	1	3	1	-	9	2	-	-	2	2	-	3	2	-	-	1	4	1	4	-	2	7	1	2	2	2	1	3
Invol. Movements	7.6	56	-	2	-	2	6	2	1	2	7	3	-	3	-	-	-	1	2	-	5	-	-	-	1	1	-	5	-	-	2	-	5	1	2	2	2
Defects of Ability to Play	5.3	47	1	1	-	-	2	-	-	1	1	-	-	4	-	-	-	2	3	-	-	-	-	-	-	7	-	2	-	-	2	-	17	1	-	1	2
Defects of Ability to Walk	7.0	52	1	1	-	-	3	-	-	1	1	3	-	4	-	-	-	1	4	-	2	-	-	-	-	7	-	2	-	-	1	1	16	1	-	1	2
Disphagia	1.9	14	-	1	-	1	1	-	-	1	1	-	-	1	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	1	-	1	-	1	-	2
Paralysis	2.3	17	1	-	-	1	1	-	-	1	-	-	-	6	-	-	-	1	2	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Biting Habit	0.1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-
Crying Attack	1.7	13	1	3	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	1	-
Spasms	0.1	8	-	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Incontinentia abb et urin	0.2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

MENTAL SYMPTOMS AFTER DISCHARGE

	PERCENTAGE	TOTAL	Hongo	Minamitama	Shinagawa	Omori	Setagaya	Asakusa	Takinogawa	Katsushika	Mukojima	Azabu	Nishitama	Toshima	Suginami	Meguro	Oji	Akasaka	Nakano	Edogawa	Kamata	Fukagawa	Ushigome	Kanda	Kojimachi	Joto	Shibuya	Shiba	Nihonbashi	Adachi	Koishikawa	Ebara	Shitaya	Chuo	Kitatama	Arakawa	Itabashi
Violent, Hysteria	4.4	35	2	-	-	3	5	1	-	-	-	3	-	-	-	-	-	-	3	2	2	-	-	-	-	2	2	2	-	3	-	1	1	1	1	-	1
Hallucinations	1.3	11	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1
Repeats	2.6	22	-	-	1	1	4	-	-	-	-	2	-	2	-	-	-	2	1	2	-	-	-	-	-	1	-	-	-	-	1	-	1	-	3	-	1
Disorbedient, Stubborn	7.1	53	1	-	1	8	9	1	-	1	3	1	-	5	-	-	-	-	2	3	1	-	-	-	2	1	1	-	-	1	-	3	2	2	2	1	2
Reckless	3.8	28	-	2	1	1	9	-	-	-	-	1	-	-	1	-	-	-	2	2	1	-	-	-	-	2	-	2	-	1	-	-	2	1	-	-	-
Steals, Lies	0.2	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quick-tempered	19.5	144	3	5	3	8	10	-	-	2	5	3	-	12	-	-	5	1	5	3	6	4	-	-	3	9	4	4	2	7	5	2	8	2	7	10	6
Absent-minded	10.9	82	3	2	3	3	9	-	1	2	7	-	-	9	2	-	-	1	3	2	2	2	-	-	2	3	1	1	-	2	4	1	8	1	2	4	2
Voluntary effort	15.4	114	-	3	1	2	18	2	1	5	5	-	-	7	1	-	-	3	4	-	11	-	-	1	4	7	4	4	-	9	13	1	1	1	3	1	2
Disinterested	5.4	49	-	-	3	1	6	2	1	2	4	-	-	6	1	-	-	2	2	1	1	-	-	-	-	2	-	4	-	3	-	-	3	1	-	2	2
Poor Retention	12.4	92	1	2	1	7	8	2	2	3	7	4	-	9	2	-	-	4	2	2	3	1	-	-	3	1	1	4	2	3	3	1	3	2	1	5	3
Amnesia	8.6	64	1	2	2	6	8	1	1	3	2	1	-	6	-	-	2	4	2	-	3	1	-	-	1	2	-	1	-	2	3	1	3	-	3	1	2
Poor Memory	16.3	121	1	9	5	6	19	5	2	9	3	3	-	14	5	1	5	5	1	-	5	-	-	-	-	4	-	2	1	-	4	2	5	1	1	1	2
Money Counting	5.4	40	1	5	1	-	6	1	1	1	-	1	-	1	1	-	-	1	-	-	-	-	-	-	-	6	4	1	3	-	-	2	-	2	1	-	-	1
Bad Brades	0.1	7	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	1	-
Poor Response	5.6	42	1	1	3	-	1	-	2	2	-	1	-	5	-	-	-	3	3	2	11	-	-	-	-	-	1	-	-	-	-	-	4	1	-	-	1

		PERCENTAGE	TOTAL	Hongo	Minamitama	Shinagawa	Omori	Setagaya	Asakusa	Takinogawa	Katsushika	Mukojima	Azabu	Nishitama	Toshima	Suginami	Meguro	Oji	Akasaka	Nakano	Edogawa	Kamata	Fukagawa	Ushigome	Kanda	Kojimachi	Joto	Shibuya	Shiba	Nihonbashi	Adachi	Koishikawa	Ebara	Shitaya	Chuo	Kitatama	Arakawa	Itabashi
NO. OF ROOMS	1	27.9	207	5	4	7	16	12	3	1	1	1	2	-	23	5	5	5	3	4	6	11	8	-	3	7	4	5	5	2	7	8	3	11	3	11	14	2
	2	33.5	247	2	1	10	11	17	6	3	6	10	3	-	20	3	4	11	4	6	7	10	16	3	1	4	10	7	2	3	13	9	7	6	2	5	18	7
	3	20.0	148	-	6	3	11	13	2	3	6	4	-	-	8	3	7	6	1	5	3	4	5	1	1	1	2	1	4	-	16	3	3	7	1	7	6	5
	4	10.0	74	3	4	1	8	7	1	-	3	-	-	-	3	2	1	-	-	-	6	1	2	-	3	-	-	1	1	1	5	2	2	6	2	4	3	2
	5	3.6	27	-	-	2	-	4	-	1	1	1	-	1	3	2	1	-	-	-	-	-	-	-	-	-	-	1	2	-	1	-	2	-	-	3	1	1
	over 6	5.0	37	1	1	1	5	11	-	1	1	1	-	-	1	4	1	-	-	2	-	1	-	-	-	1	-	2	-	-	-	-	-	-	1	1	1	-
QUITCNO.	Many	60.1	443	8	8	9	30	42	1	5	18	11	3	-	32	10	8	14	4	4	19	6	16	2	-	7	13	10	3	1	35	18	6	14	3	26	25	12
	Few	34.3	254	2	7	14	21	20	7	4	-	4	2	1	25	9	5	17	5	8	1	2	11	1	8	5	3	5	8	5	7	4	11	12	2	2	17	1
	None	5.6	43	1	1	1	-	2	4	0	-	2	-	-	1	-	6	1	-	½	-	-	4	1	-	-	-	-	3	-	-	-	-	4	5	3	-	4
ANIMALS	horse	1.7	12	1	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	3	-	-	-	-	1	-	1
	swine	3.8	28	-	1	-	3	8	1	-	-	2	2	-	-	1	1	-	-	-	-	-	3	-	-	-	-	-	-	-	2	3	-	-	2	-	1	-	-
	cat	27.7	205	8	1	14	28	7	2	5	4	9	4	-	33	6	5	1	-	8	14	3	12	-	-	9	2	9	2	1	5	5	-	4	3	1	-	-
	dog	14.1	104	6	1	3	20	3	1	3	2	3	1	1	5	2	1	5	-	3	5	3	11	-	-	4	2	1	-	-	5	1	-	2	1	3	6	-
	chicken	45.9	340	5	3	6	23	30	4	5	12	7	4	1	21	10	7	5	5	5	19	15	20	2	4	5	6	6	2	1	26	6	9	13	4	11	31	7
	cattle	1.7	13	-	-	-	-	1	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	4	-	1
	goat	2.7	21	-	2	-	2	5	-	-	-	-	-	-	-	2	-	1	-	-	3	1	-	-	-	-	-	1	-	-	1	-	-	-	-	3	-	-
	rabbit	30.1	223	3	7	2	11	8	3	2	5	8	1	-	20	2	3	10	2	1	10	15	19	-	3	4	6	7	1	-	8	6	6	4	1	10	18	17
	none	27.7	206	3	5	8	10	13	7	2	3	1	-	-	13	7	11	5	-	7	-	6	4	2	1	1	8	4	11	4	4	10	6	14	5	16	10	5

1. Symptoms of Onset

97.0% of patients had fever.
70.6% " " " headache
44.7% " " " drowsiness

2. Defects after Discharge from Hospital

Totally defect both physical and mental 3
Totally physical defect none
Totally mental defect 1

3. Physical Symptoms after Discharge from Hospital

10.9% of patients claims loss of weight
14 patients suffered disphagia
17 patients suffered paralysis in light stage (3 have with other complications)

4. Mental Symptoms after Discharge from Hospital

19.5% of patients quick-tempered
15.4% of patients lacks in voluntary effort
64 (8.6%) suffer amnesia
121 (16.3%) suffered poor memory
age group of 11-20 years old suffers most in the amnesia

5. Living Condition

247 (33.5%) of the patients family are living in 2 rooms, that means poor condition of the family.
249 (33.6%) of the patients family are living on 2 tatamis (6 feet square = 36 square feet) for 1 person in average. This means also poor condition of the family

6. Number of Animals in the Vicinity

Chickens (340 - 45.9%)
are the most and the
Rabbits (2330 = 30.1%) and
Cats (205 - 2717%)
follows
One chicken died by encephalitis

STATISTICS OF B. ENCEPHALITIS CASES
investigated by health centers through home visits
(740 patients)

September & October 1948

1. Symptoms of Onset

Symptoms \ Age Group	1 - 5	5 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Headache	155	169	123	48	14	3	10	522	70.6
Nausea	91	87	72	18	9	0	6	283	38.2
Vomitting	87	81	67	14	10	1	5	265	36.0
Convulsion	143	69	42	23	8	0	9	294	39.8
Fever	263	210	159	55	19	4	18	728	97.0
Drowsiness	142	115	46	17	5	0	5	331	44.7
Personality Changes	32	28	3	2	1	0	2	68	11.9
Unconsciousness	13	2	2	2	0	0	1	20	2.7
Stomachache	9	1	0	0	0	0	0	10	1.3
Diarrhea	17	8	3	2	0	0	0	30	3.9
Stiffneck	3	1	0	1	0	0	0	5	0.6

2. Defects after Discharge from Hospital

Defects \ Age Group	1 - 5	5 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Physical Defects	58	58	62	21	5	1	7	207	28.4
Mental Defects	72	83	69	27	7	2	9	325	43.9
None Defects	192	127	92	28	12	2	9	387	52.3

3. Physical Symptoms after Discharge from Hospital

Symptoms \ Age Group	1 - 5	5 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Loss of Weight	21	26	21	5	2	1	5	81	10.9
Loss of Appetite	14	16	23	7	3	0	3	66	8.9
Impaired Hearing	3	4	5	2	0	0	2	16	2.1
Impaired Vision	4	6	4	3	0	0	3	20	2.6
Sleeplessness	17	13	5	4	3	0	0	42	5.7
Pain	7	2	14	2	2	0	3	30	3.9
Sensitiveness	22	12	31	6	1	0	0	72	9.7
Invol. Movements	29	11	13	3	0	0	0	56	7.6
Ability of Play	20	14	6	6	0	0	1	47	5.3
Ability of Walk	25	16	3	6	0	0	2	52	7.0
Disphagia	6	2	3	2	0	0	1	14	1.9
Paralysis	6	3	4	2	0	0	2	17	2.3
Biting Habit	1	2	0	0	0	0	0	3	0.4
Crying Attack	10	2	1	0	0	0	0	13	1.7
Incontinentia alb et urin	1	1	0	0	0	0	0	2	0.2

4. Mental Symptoms after Discharge from Hospital

Symptoms \ Age Group	1 - 5	6 - 10	11-20	21-31	31-40	41-50	51 -	Total	%
Violent, Hysteria	14	11	7	1	0	1	1	35	4.4
Hallucinations	2	4	3	1	1	0	0	11	1.3
Repeats	5	9	5	2	0	0	1	22	2.6
Disobedient, Stubborn	23	16	11	2	0	0	1	53	7.1
Reckless	9	7	7	3	0	0	2	28	3.8
Steals, lies	0	1	1	0	0	0	0	2	0.2
Quick - tempered	49	45	27	13	1	1	3	144	19.5
Absent - minded	29	24	19	5	3	0	2	82	10.9
Voluntary Efforts	37	33	31	8	2	0	3	114	15.4
Poor Response	17	19	1	2	2	0	1	42	5.6
Disinterested	11	12	17	2	4	0	3	49	6.6
Poor Retention	23	25	32	6	3	0	3	92	12.4
Amnesia	12	17	21	6	1	0	7	64	8.6
Poor Memory	27	36	41	9	2	0	6	121	16.3
Money Counting	0	11	25	3	0	0	1	40	5.4
Bad grade	0	3	4	0	0	0	0	7	0.9

5. Living Conditions

A. Statistic of rooms of the patient's house

all member of family living in	families	%	
1 room	207	27.9	very poor
2 rooms	247	33.5	poor
3 rooms	148	20.0	medium A
4 rooms	74	10.0	medium B
5 rooms	27	3.6	medium C
over 6 rooms	37	5.0	rich

B. Statistic of Number of Tatami per 1 person $\left(= \frac{\text{Number of Tatami}}{\text{Number of Family}}\right)$

Number of Tatami for 1 person	families	%	
under 1 tatami	68	9.2	very very poor
1 tatami	237	32.0	very poor
2 tatamis	249	33.6	poor
3 tatamis	70	9.4	medium A
4 tatamis	62	8.4	medium B
5 tatamis	16	2.1	medium C
6 tatamis	19	2.5	rich
over 7 tatamis	10	2.3	very rich

C. **Mosquito Population in 150 meter radius**

		%
Many	443	60.1
Few	254	34.3
None	43	5.6

D. **Type** (and Number) **of Animals & Birds in 150 meter radius**

		%
Cattles	13	1.7
Horses	12	1.7
Swines	28	3.8
Cats	205	27.7
Dogs	104	14.1
Goats	21	2.7
Rabbits	233	30.1
Chickens	340	45.9
None (no animals)	206	27.7

E. **Terrain**

		%
Low	181	24.4
Medium	338	45.7
High	212	28.6

AGE DISTRIBUTION OF J.B. ENCEPHALITIS CASES
(investigated by health centers through home visits)

AGE	1	2	3	4	5	TOTAL	6	7	8	9	10	TOTAL	11	12	13	14	15	16	17	18	19	20	TOTAL
M	27	23	24	38	46	158	40	29	33	22	24	148	20	17	7	10	9	5	8	6	4	6	92
F	13	14	28	31	20	106	15	18	8	13	8	62	11	9	9	5	2	8	5	7	6	7	69
TOTAL	40	37	52	69	66	264	55	47	41	35	32	210	31	26	16	15	11	13	13	13	10	13	161

AGE	21	22	23	24	25	26	27	28	29	30	TOTAL	31	32	33	34	35	36	37	38	39	40	TOTAL
M	7	2	4	1	5	6	0	1	3	4	33	3	1	1	1	0	1	1	1	0	0	9
F	6	1	2	5	3	3	0	1	0	1	22	0	0	1	2	1	0	1	2	2	0	10
TOTAL	13	3	6	6	8	9	0	2	3	5	55	3	1	2	3	1	1	2	3	2	0	19

AGE	41	42	43	44	45	46	47	48	49	50	TOTAL	51	52	53	54	55	56	57	58	59	60	TOTAL
M	0	0	0	1	0	0	0	0	1	1	3	1	1	0	1	1	0	0	1	1	2	8
F	1	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0	2	0	0	3
TOTAL	1	0	0	1	0	0	0	0	2	1	5	1	2	0	1	1	0	0	3	1	2	11

AGE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	TOTAL	GRAND TOTAL
M	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	4	455
F	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	3	277
TOTAL	0	0	1	0	1	1	0	0	0	0	0	1	1	1	0	1	7	732

List of Hospitals	Number of patients	Percentage
Komagome H.	204	27.5
Ebara H.	111	15.0
Toshima H.	69	9.3
Honjo H.	67	9.0
I National H.	61	8.2
II National H.	45	6.1
Toyotama H.	44	5.9
Otsuka H.	38	5.1
Okura H.	21	2.8
Hiroo H.	18	2.4
Showa H.	13	1.9
Okubo H.	12	1.6
Tachikawa H.	12	1.6
Hachioji H.	8	1.0
Ohara H.	2	0.2
Kawakita H.	2	0.2
Koto H.	1	0.1
Ushigome H.	1	0.1
Asoka H.	1	0.1
Tetsudo H.	1	0.1
Oji H.	1	0.1
Tokyo H.	1	0.1

HEADQUARTERS
TOKYO MILITARY GOVERNMENT TEAM
PUBLIC HEALTH SECTION
APO 181

JAPANESE B. ENCEPHALITIS CONTROL IN TOKYO-TO

CLINTON W. ALLEN
Sanitary Engineer
Tokyo M.G. Team

The problem of insect and rodent control within Tokyo-To are those of all Japanese towns and cities but all are very much intensified because of the concentration óf persons and the distance required for proper disposal of wastes of all types. While these in themselves are major problems another most important factor is the individual. We all know that there is lacking in city populations, wherever they may be, a decided lack of personal pride and sense of achievement in maintaining ones own environs in a general satisfactory manner. In the States it is taken for granted by most people that the city will maintain the cleanliness of its area. We were told that such was the case in Tokyo before the war. This general statement is open to question. It is my own personal belief that Tokyo-To has never been satisfactorily maintained. However, it was true that during the war there was no effort to remove garbage and rubbish from most areas and nightsoil was collected not because of possible harm to the public'c health, but as a means of getting more fertilizer to the farmers. Therefore the people became used to untidy surrounding and reeducation is now necessary.

The general plan of insect and rodent control was similar to those recommended by SCAP. Up until the transfer of authority of the Public Health Program to the Health Center districts the majority of the crews worked under the ward Public Health officials. However, a few special teams have always been maintained by the central office in Tokyo. These teams were used in emergencies to aid the local ward teams, to do special control work around Allied installations, for spot checking the other teams, and for instructional purposes. The teams are based on 1 six man team per 10,000 but such a ratio has never been sufficient to cover the areas even in the best maintained districts. In other areas the time of coverage has been up to one time per month. Even with additional crews complete coverage has been up to one time per month. Even with additional crews complete coverage at a prescribed time is difficult and at its best leaving much to be desired.

While it is felt that the insect control teams have been instrumental in doing a great deal of work their work is limited and without cooperation of other sections it is impossible to achieve permanent results. With this in mind several programs have been started. One of the biggest problems was the accumulation of bomb debris. The actual debris is in itself excellent coverage for rodents and with additional household waste becomes breeding places for rodents and insects. There is in the Construction Bureau a so called leveling section whose responsibilities have been the removal of this material. The program original had a subsidy from the National Construction Board. The amount however was entirely too small and other means had to be taken. Therefore areas within the city which could be filled and

sold profitably were secured. These areas were canals which were abandoned or practically so. The fills were carried out, and at the same time sewerage was carried on wherever necessary. While actual sale of these areas are yet to be finished, it is felt that the cost of removal will be more than covered by the sale price. Thus, the city will not only be rid of its debris, but new taxable areas will be available. This program is still going on very satisfactorily. At this time an average of around 125 trucks are working daily making between 4 and 5 truck loads per truck per day removal.

The ditch cleaning situation remains are of the worst problems. Several sections have had part of the program. The ward engineers have had small budgets for this work, the Labor Bureau has allocated sum in the last year in their simple public worker program for unemployment relief and the Construction Bureau has aided, but because of the general lack of permanent cement drains most all work is of a temporary nature and its benefit is questionable. However, some progress is being made. The cleaning of individual household ditches has improved under insect team supervision, yet many areas have still to be taken care of. Many areas within Tokyo are below high tide water level which of course complicates matters even more so. Over 75 pumping stations are scattered throughout Tokyo and are required to work part of each day when the tides prevent the free flow of water from the areas. Furthermore the 3 sewage disposal plants receive much infiltrated water from the areas in which they serve.

The education of all Japanese along sanitary lines is constantly being carried on by posters, articles in the newspaper and in posters. This program is being aided by the sanitary food inspectors and the amount of improvement has been noticeable.

The most recent aid in the general sanitary situation is the establishment of a Sanitary Department which will take over several functions of other sections. This includes the old Scavenger Section of the Public Health Bureau, the street cleaning, part of the park cleaning, and the ditch cleaning sections of the Construction Bureau. The new department will combine similar function and should eliminate duplicate procedures thus saving the city money while carrying out a more complete job. This coupled with additional men and equipment aids materially the rather poor situation.

The general reasons for building up the above programs were two fold. Firstly, the insect team in themselves are not adequate in numbers or training to do the above jobs. It was rather useless for them to suggest proper cleaning if under the then present circumstances they could not remove major hazards. Secondly, the mere reporting of poor existing conditioning was useless if the section concerned did not have sufficient men or equipment to do the job. Thus gradually the Insect Control Team will become more of a teaching and reporting group rather than in actually doing the work of other sections.

The ordinary insect control team has six men and is equipped with 2 knapsack sprayers, hand sprayer and water cans. The teams generally work in large

block sections with other sections working in adjacent blocks. It was tried with little success to spread each team with an area of responsibility for the entire season. The primary objection is in the transportation of men and material to the location. The ward areas are very large and in allocating definite areas considerable time was taken up in getting the teams to the area in which they were to work. The needed transportation of material to the area was found to take too much time. The supply of gasoline for motor transportation was entirely too small and the storage of materials in scattered areas invited theft. Poor supervision of individual teams resulted in spreading the teams throughout the area. Furthermore taking larger adjacent areas covered by 3 or 4 teams gave better control than smaller groups scattered inasmuch as there are less areas that are adjacent to non-treated areas. The routine procedure is the notification of persons within a definite area of instructional material concerning insect control, a talk by the crew chief and instructions as to what can be done. Those equipped for spraying them do their job, spraying impounded water, over adjacent to latrines, tanks etc. In many cases other sections within the city government are requested to remove accumulated rubbish and garbage - Much of the work however remains the responsibility of the householder and supervision and inspection by the crew chief aids much in this field. Actually the greatest amount of good can be accomplished by the householders. This type of work was carried on prior to the outbreak of Japanese "B" encephalitis in Tokyo-To last year.

The number of crews of in the Insect and Rodent Control Section for 1948 was as follows:

Month	No. of Teams	No. of Men	Total Mandays Paid
January	71	254	7,874
February	71	256	7,424
March	71	256	7,936
April	71	256	7,680
May	100	535	16,585
June	168	821	24,630
July	239	1,209	37,479
August	361	1,848	57,288
September	284	1,598	41,949
October	138	280	8,680
November	138	280	8,400
December	138	280	8,680

As is shown at no time were the entire crews fully manned. The reason for this was that the wages were too small and as the national subsidy for 50% of the cost of labor was for 25 yen per day, the cost to the Tokyo-To government was tremendous and the needed budget never fully approved. While it was also true that the number of man days paid for increased decidedly the actual number of full time work days was lower than this. Weather conditions during the late spring and early summer were ideal for mosquitos growth and large percentage of egg hatch. The weather would be warm and damp for a short spell with a large number of rainstorms spaced throughout the season which also made for an increase of breeding locations.

The occurrence of several cases of Japanese "B" Encephalitis was rather unexpected. The routine carried out the previous year for all reported cases J. "B" were carried out. This included a return of the insect control teams to the location of the case - a residual spraying of the patients home and as much control work as possible within a area up to 300 yards radius. All instructions previously received both by the Japanese authorities and our own gave a definite spread of the disease from the Shikoku, Kyushu and Southern Honshu and gradually working north to Tokyo-To. Also that the epidemics previously occurring in the area were always at least a month later. (Graph explanation of 1948 and 1935 epidemics with date of reporting and date of onset). This earlier evidence of the disease was rather a mystery to us all. Emergency measures were taken immediately even before the Welfare Ministry had decided on any action. It was now necessary to increase the number of teams and at the same time do control work around each case. Additional trucks were provided and enlarged crews were assigned to each Ku. These crews could be transferred from Ku to Ku as needed. Upon receiving a report of a case the local ward would send out a doctor for examination, upon receipt of his diagnosis, the teams would immediately move into the area. The control work consisted of residual spraying of at least 20 homes in the immediate vicinity of the patient home. Ditches were cleaned out and as much residual spraying in a area up to several blocks was carried on. Attention was paid to all types of animal shelters, chicken houses, horse sheds etc. At this time power sprayers were received by Tokyo-To from the engineers attached to GHQ. A word about these is necessary. These machines were new and some were badly damaged in their original crates. If it has not been for the cooperation of the R & U section of GHQ, I am sure that we would never have been able to get these into actual working conditions. These machine were packed in cosmolene and had to be entirely taken down and serviced before operation. This was completed in one night. It was a job well done. Actual operation of these machines was carried on by special crews. These were assigned 3 to the city office and the others to the wards in which the largest number of cases were occurring at the time. These were moved about as needed. While these machines could be used in areas where the buildings were close together the amount of DDT used was large. Spraying in large room, under buildings in covered drain etc. was very rapid. However, even with the best operations considerable amount of the material was wasted. The danger from fire was ever present and particular care had to be taken about open wiring, cooking stoves etc.

The surveillance of the teams by our office was increased by 3 sergeants of the first 2 ranks and our veterinarian giving us 5 such teams. These surveillance teams were assigned several wards each and during the epidemic were

continually in the field. Without these teams supervision could not have been possible. Twice during the epidemic conferences were held with representatives from all wards. Common faults and failures of all wards were discussed. The material discussed in these conferences were assembled from the findings of the surveillance teams. Results from these conferences and the work in the field by the surveillance teams was remarkable. At this time all surveillance teams and control team were working on a seven day a week basis. By continual work it was generally possible to have all areas covered within 24 hours after report of the case. Some trouble was encountered in the country areas where scattered cases could not be covered as soon as desirable.

General troubles with the over all insect control work are many. Perhaps the biggest problem is in the general misconception of Suzukisan in regards to environmental sanitation. They do not know and what is worse often they don't care what condition exists in their own yards. While all educational aids are being used progress is slow. The lack of budgets sufficient enough for scavenger work, street cleaning, proper ditch maintenance is without question the source of many troubles. Combining these with an ever increasing population. One finds that what advancements that are made are rather hard to point out to the newcomer to the areas and that as bad as some areas are some general improvements have taken place. Whether or not the control work carried on by the teams at the time of the epidemic was effective or not is rather hard to state. I do feel that some good was done - how much is the question? This I believe will be answered only when more definite facts have been established and all the sources and vectors etc. have been established.

In trying to establish some general facts that would give us an insight into the disease we tried water system - no results - (explain location of system on map) Sewerage disposed gave no results - (give outline of areas on map). Cases per 100,000 varied from 81.8 in Koto (Joto and Fukagawa areas) to 21.8 in Nakano. What could generally be said was that the mosquito population was rather high, that there were no areas completely free from them. However, spacing of cases did not seem to follow any pattern that could ascertained. The entire problem is certainly open to research and study.

LIST OF DIAGNOSIS CHANGE OF B. ENCEPHALITIS
1948

Reported No.	Name	Age	Sex	Date of diagnosis change	Onset date	District	Final diagnosis	Remark
30	Y. Tsuchiya	12	M	18/8	27/7	Oji	Cold	
45	H. Kobayashi	6	F	23/8	30/7	Takinogawa	"	
199	N. Inaba	9	F	7/8	4/8	Mukojima	Heatstroke	
341	A. Kato	8	M	10/8	5/8	Omori	Cold	
344	H. Okano	11	F	10/8	6/8	Arakawa	"	
354	M. Morita	1	M	10/8	2/8	Fukagawa	"	
384	K. Saito	12	F	10/8	8/8	Kamata	"	
386	K. Kawakami	6	M	10/8	1/8	Setagaya	Typhoid	
387	S. Kawakami	30	F	10/8	1/8	"	"	
572	S. Yoshikawa	35	F	28/8	6/8	Kyobashi	"	
642	H. Sakazume	5	F	14/8	10/8	Setagaya	Am. Dysentery	
681	K. Tanaka	34	F	19/8	8/8	Kamata	Para typhoid	
732	M. Hiraiwa	7	F	17/8	7/8	Meguro	Cold	
826	T. Ohba	7	F	19/8	9/8	Suginami	Bronchitis	
947	S. Kanda	7	F	19/8	10/8	Omori	Cold	
1067	S. Abe	2	F	20/8	9/8	Yotsubashi	Tuberculous meningitis died	
1110	T. Fujino	5	M	15/8	7/8	Suginami	Cold	
1161	K. Sudo	8	M	20/8	12/8	Setagaya	Endo-enteritis	
1177	R. Shibata	28	M	19/8	13/8	Meguro	Neurasthemia	
1215	K. Sudo	5	F	17/8	15/8	Chofu	Dysentery	
1258	K. Fujita	23	M	18/8	15/8	Oji	"	
1270	S. Fujita	27	M	"	"	"	"	
1423	A. Gen	2	M	20/8	15/8	Ohta	Cold	
1497	E. Ikeda	3	F	19/8	8/8	Shinagawa	Tuberculous Meningitis died	

1529	N. Morita	9	M	26/8	15/8	Kitatama	Cold
1530	K. Yoshino	6	M	26/8	15/8	Kitatama	Cold
1054	K. Yamashita	6	F	19/8	13/8	Koishikawa	Endo-enteritis
1787	J. Aoki	59	M	2/9	17/8	Setagaya	Typhoid
1791	K. Hirumatsu	3	F	30/8	27/8	Toshima	Cold
1941	S. Takagi	4	M	6/9	3/9	Meguro	Dysentery
712	F. Yamashita	8	M	24/8	9/8	Nishitama	Heat stroke
1593	K. Yabe	11	M	1/9	19/8	"	"
1823	T. Susaki	10	M	2/9	28/8	"	"
323	K. Osawa	7	F	10/8	4/8	Mukojima	Tuberculous meningitis died
332	T. Yoshida	1	F	12/8	4/9	Toshima	Cold
621	S. Iizuka	3	M	23/8	4/8	Ushigome	Tuberculous Meningitis died
724	T. Inoue	9	F	17/8	4/8	Akasaka	" " died
777	Y. Kudo	35	M	"	10/8	Koishikawa	Cold
873	T. Shioda	38	M	20/8	7/8	Kojimachi	Cholelithiasis
1057	S. Asami	72	M	27/8	11/8	Suginami	Encephalomalacia
1237	M. Nanjo	12	M	16/8	30/7	Mujojima	Tetanus died
1312	S. Shimizu	25	F	25/8	10/8	Ushigome	Acute Nephropyelitis
1427	H. Sugama	4	F	2/9	17/8	Asakusa	Dysentery
1439	T. Kojima	4	M	28/8	10/8	Shitaya	Tuberculous Meningitis died
1509	H. Itaya	2	M	27/8	18/8	Joto	Cold
1508	T. Sasaki	15	M	22/8	18/8	Mukojima	Acute myelitis
1544	K. Ohba	6	M	21/8	18/8	Ushigome	Ascarisis
1550	H. Komatsu	2	M	20/8	17/8	Nihonbashi	Abscess
1602	S. Sato	4	F	22/8	18/8	Koishikawa	Cold
1853	K. Abe	2	F	3/9	25/8	Ushigome	Tuberculous Meningitis died
1872	K. Kato	32	M	4/9	25/8	Minamitama	Cold
1842	T. Shindo	2	M	29/8	16/8	Toshima	Para typhoid B.
1307	K. Yoshiwara	3	M	20/8	15/8	Kanda	Cold

...ted No.	Name	Age	Sex	Date of diagnosis change	Onset date	District	Final diagnosis	R.
1307	K. Yoshiwara	3	M	20/8	15/8	Kanda	Cold	
193	W. Funayama	11	M	7/8	4/8	Setagaya	Epidemic Meningitis	
2023	K. Iihima	5	F	16/9	14/9	Omori	Dysentery	died
1195	K. Kimura	43	M	14/8	1/8	Chofu	Typhoid	
1216	H. Endo	31	M	30/8	11/8	Chofu	"	
335	T. Myatani	7	M	41/8	4/8	Kitatama	Epidemic Meningitis	
1829	K. Inoue	9	F	2/9	25/8	"	Ascarisis	
2040	K. Matsubara	5	M	22/9	15/9	Itabashi	Ekiri	
34	H. Hoshino	6	M	9/8	27/7	Shibuya	Tuberculosis verrucosa	died
65	T. Ogawa	9	M	13/8	2/8	Asakusa	Purulent Meningitis	died
154	M. Kurimoto	35	M	15/8	20/7	Setagaya	Manic-depressive psychosis	
217	M. Kurahashi	5	F	11/8	5/8	Kyobashi	Ethmyphitis	
226	Y. Yasuhara	13	F	11/8	5/8	Kamata	Cold	
213	I. Yasuhara	7	M	11/8	5/8	"	"	
501	Y. Hasegawa	1	F	9/8	6/8	Shitaya	Pericarditis	died
418	K. Nagayama	5	M	28/8	5/8	Adachi	Epidemic Meningitis	
981	T. Iwamoto	15	M	26/8	10/8	Katsushika	" "	
1387	S. Yanagida	30	M	23/8	14/8	Adachi	Weil's disease	
1706	K. Sakamoto	3	M	26/8	16/8	Koto	Broncho pneumonia	
1641	S. Uno	21	M	24/8	20/8	Adachi	Dysentery	
1672	T. Tateno	8	F	24/8	21/8	Arukawa	Acute tonsilitis	
1717	I. Ohbayashi	23	F	29/8	21/8	Shitaya	Tuberculous meningitis	
1732	S. Yono	3	M	25/8	22/8	Arakawa	Ekiri	died
1756	T. Nakamura	2	F	5/9	22/8	Adachi	Tuberculous meningitis	died
1771	T. Narashima	41	M	26/8	26/8	Meguro	Metanol poisoning	died
1839	K. Iwasa	10	F	3/9	28/8	Koiwa	Epidemic meningitis	

Reported No	Name	Age	Sex	Date of diagnosis change	Onset date	District	Final diagnosis	Remark
1847	M. Nomura	12	F	11/9	14/8	Shibuya	Tuberculous Meningitis	died
1846	T. Miyazaki	5	F	8/9	29/8	Asakusa	Ekiri	
1883	S. Yoshino	6	M	5/9	1/9	Katsushika	Tuberculous Meningitis	died
1925	Y. Takebe	16	F	4/9	10/9	Oji	"	"
1950	T. Takita	2	F	15/9	3/9	Adachi	"	" died
1983	J. Kageyama	4	F	15/9	1/9	Arakawa	"	" died
1969	K. Hashimoto	60	F	19/9	3/9	Katsushika	"	" died
2014	I. Tanaka	37	M	18/9	11/9	Adachi	Typhoid fever	
2029	C. Kamakura	1	F	17/9	9/9	Takinogawa	Tuberculous Meningitis	died
2030	G. Yamada	3	M	22/9	12/9	Arakawa	Tonsilitis	
1352	S. Okuno	3	M	16/8	12/8	Suginami	Scarlet fever	
2052	Y. Ogiwara	1	F	28/9	12/9	Meguro	Epidemic meningitis	
601	K. Shibatani	12	M	10/8	6/8	Shiba	Ekiri	
1999	T. Haruta	1	M	22/9	6/9	Itabashi	Purulent meningitis	
327	H. Kawai	51	M	8/8	7/8	Hongo	Cold	
602	Y. Ikeda	3	F	28/8	5/8	Shibuya	Ekiri	
605	K. Okamura	10	F	19/8	5/8	Setagaya	Ekiri	
907	F. Tanaka	5	F	16/10	10/8	Katsushika	Typhoid	
458	C. Omido	27	F	10/8	2/8	Adachi	Septicaemia	died
291	K. Shibuya	3	M	10/8	7/8	Kamata	Epidemic meningitis	died
889	S. Kabasawa	11	M	13/8	7/8	Shinagawa	Tuberculosis	died
336	N. Kuwabara	45	M	7/8	6/8	Chofu	Penumonia	
1673	M. Matsuzaka	81	F	29/8	22/8	Chofu	Cold	
925	A. Arai	19	M	9/9	5/9	Kitatama	"	
2019	K. Nishimura	6	F	4/10	12/9	"	"	
528	S. Ikeda	2	M	9/8	5/8	Arakawa	Ekiri	
1859	M. Ishizaki	2	F	13/9	21/8	Toshima	"	

Reported No.	Name	Age	Sex	Date of diagnosis change	Onset date	District	Final diagnosis	Remark
1618	R. Onuki	39	M	10/9	15/8	Ushigome	Typhoid	
1623	Y. Sato	21	M	17/9	13/8	Yodobashi	Epidemic meningitis	
699	T. Mizuno	3	F	11/8	9/8	Setagaya	Dyspepsia	died
1922	T. Matsuzawa	4	M	3/9	3/9	Honjo	Enteritis	
1838	H. Takagi	8	M	29/8	25/8	Suginami	Ekiri	
821	M. Yoshimi	7	M	12/8	31/7	Kitatama	Epidemic meningitis	
2053	S. Umeda	17	M	27/9	25/9	Shibuya	Acute nephritis	
2064	M. Nakada	3	M	24/10	15/10	Joto	Tuberculous meningitis	
2068	M. Morita	27	F	2/11	31/10	Itabashi	Epidemic meningitis	
1351	R. Kamimura	1	M	19/8	10/8	Azabu	" "	
1915	T. Miyokawa	7	M	3/9	2/9	Nakano	Ekiri	
2063	K. Shibata	7	F	15/10	7/10	Adachi	Pleuritis	
446	A. Suzuki	4	M	13/8	11/8	Adachi	Ekiri	died

TOTAL:118

Remark: Cancelled (reported twice) 17

Change the diagnosis 118

Total 135

Total number of confirmed cases 1933

TOTAL: 2068

STATISTICS OF B. ENCEPHALITIS CASES
investigated by health centers through home visits
(740 patients)

September & October 1948

1. Symptoms of Onset

Symptoms \ Age Group	1 - 5	6 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Headache	155	169	123	48	14	3	10	522	70.6
Nausea	91	87	72	18	9	0	6	283	38.2
Vomitting	87	81	67	14	10	1	5	265	36.0
Convulsion	143	69	42	23	8	0	9	294	39.8
Fever	263	210	159	55	19	4	18	728	97.0
Drowsiness	142	115	46	17	5	0	5	331	44.7
Personality Changes	32	28	3	2	1	0	2	68	11.9
Unconsciousness	13	2	2	2	0	0	1	20	2.7
Stomachache	9	1	0	0	0	0	0	10	1.3
Diarrhea	17	8	3	2	0	0	0	30	3.9
Stiffneck	3	1	0	1	0	0	0	5	0.6

2. Defects after Discharge from Hospital

Defects \ Age Group	1 - 5	5 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Physical Defects	58	58	62	21	5	1	7	207	28.4
Mental Defects	72	83	69	27	7	2	9	325	43.9
None Defects	192	127	92	28	12	2	9	387	52.3

3. Physical Symptoms after Discharge from Hospital

Symptoms \ Age Group	1 - 5	5 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Loss of Weight	21	26	21	5	2	1	5	81	10.9
Loss of Appetite	14	16	23	7	3	0	3	66	8.9
Impaired Hearing	3	4	5	2	0	0	2	16	2.1
Impaired Vision	4	6	4	3	0	0	3	20	2.6
Sleeplessness	17	13	5	4	3	0	0	42	5.7
Pain	7	2	14	2	2	0	3	30	3.9
Sensitiveness	22	12	31	6	1	0	0	72	9.7
Invol. Movements	29	11	13	3	0	0	0	56	7.6
Ability of Play	20	14	6	6	0	0	1	47	5.3
Ability of Walk	25	16	3	6	0	0	2	52	7.0
Disphagia	6	2	3	2	0	0	1	14	1.9
Paralysis	6	3	4	2	0	0	2	17	2.3
Biting Habit	1	2	0	0	0	0	0	3	0.4
Crying Attack	10	2	1	0	0	0	0	13	1.7
Incontinentia alb et urin	1	1	0	0	0	0	0	2	0.2

4. Mental Symptoms after Discharge from Hospital

Symptoms \ Age Group	1 - 5	6 - 10	11-20	21-30	31-40	41-50	51 -	Total	%
Violent, Hysteria	14	11	7	1	0	1	1	35	4.4
Hallucinations	2	4	3	1	1	0	0	11	1.3
Repeats	5	9	5	2	0	0	1	22	2.6
Disobedient, Stubborn	23	16	11	2	0	0	1	53	7.1
Reckless	9	7	7	3	0	0	2	28	3.8
Steals, lies	0	1	1	0	0	0	0	2	0.2
Quick - tempered	49	45	27	13	1	1	3	144	19.5
Absent - minded	29	24	19	5	3	0	2	82	10.9
Voluntary Efforts	37	33	31	8	2	0	3	114	15.4
Poor Response	17	19	1	2	2	0	1	42	5.6
Disinterested	11	12	17	2	4	0	3	49	6.6
Poor Retention	23	25	32	6	3	0	3	92	12.4
Amnesia	12	17	21	6	1	0	7	64	8.6
Poor Memory	27	36	41	9	2	0	6	121	16.3
Money Counting	0	11	25	3	0	0	1	40	5.4
Bad Grade	0	3	4	0	0	0	0	7	0.9

5. Living Conditions

A. Statistic of rooms of the patient's house

all member of family living in	families	%	
1 room	207	27.9	very poor
2 rooms	247	33.5	poor
3 rooms	148	20.0	medium A
4 rooms	74	10.0	medium B
5 rooms	27	3.6	medium C
over 6 rooms	37	5.0	rich

B. Statistic of Number of Tatami per 1 person $\left(\frac{\text{Number of Tatami}}{\text{Number of Family}}\right)$

Number of Tatami for 1 person	families	%	
under 1 tatami	68	9.2	very very poor
1 tatami	237	32.0	very poor
2 tatamis	249	33.6	poor
3 tatamis	70	9.4	medium A
4 tatamis	62	8.4	medium B
5 tatamis	16	2.1	medium C
6 tatamis	19	2.5	rich
over 7 tatamis	10	2.3	very rich

C. Mosquito Population in 150 meter radius

		%
Many	443	60.1
Few	254	34.3
None	43	5.6

D. Type and Number of Animals & Birds in 150 meter radius

		%
Cattles	13	1.7
Horses	12	1.7
Swines	28	3.8
Cats	205	27.7
Dogs	104	14.1
Goats	21	2.7
Rabbits	233	30.1
Chickens	340	45.9
None (no animals)	260	27.7

E. Terrain

		%
Low	181	24.4
Medium	338	45.7
High	212	28.6

AGE DISTRIBUTION OF J.B. ENCEPHALITIS CASES
(investigated by health centers through home visits)

AGE	1	2	3	4	5	TOTAL	6	7	8	9	10	TOTAL	11	12	13	14	15	16	17	18	19	20
M	27	23	24	38	46	158	40	29	33	22	24	148	20	17	7	10	9	5	8	6	4	6
F	13	14	28	31	20	106	15	18	8	13	8	62	11	9	9	5	2	8	5	7	6	7
TOTAL	40	37	52	69	66	264	55	47	41	35	32	210	31	26	16	15	11	13	13	13	10	

AGE	TOTAL	21	22	23	24	25	26	27	28	29	30	TOTAL	31	32	33	34	35	36	37	38	39	40
M	92	7	2	4	1	5	6	0	1	3	4	33	3	1	1	1	0	1	1	1	0	0
F	69	6	1	2	5	3	3	0	1	0	1	22	0	0	1	2	1	0	1	2	2	0
TOTAL	161	13	3	6	6	8	9	0	2	3	5	55	3	1	2	3	1	1	2	3	2	0

AGE	TOTAL	41	42	43	44	45	46	47	48	49	50	TOTAL	51	52	53	54	55	56	57	58	59	60
M	9	0	0	0	1	0	0	0	0	1	1	3	1	1	0	1	1	0	0	1	1	2
F	10	1	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0	2	0	0
TOTAL	19	1	0	0	1	0	0	0	0	2	1	5	1	2	0	1	1	0	0	3	1	

AGE	TOTAL	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	TOTAL	GRAND TOTAL
M	8	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	4	455
F	3	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	3	277
TOTAL	11	0	0	1	0	1	1	0	0	0	0	0	1	1	1	0	1	7	732

List of Hospitals	Number of patients	Percentage
Komagome H.	204	27.5
Ebara H.	111	15.0
Toshima H.	69	9.3
Honjo H.	67	9.0
I National H.	61	8.2
II National H.	45	6.1
Toyotama H.	44	5.9
Otsuka H.	38	5.1
Okura H.	21	2.8
Hiroo H.	18	2.4
Showa H.	13	1.9
Okubo H.	12	1.6
Tachikawa H.	12	1.6
Hachioji H.	8	1.0
Ohara H.	2	0.2
Kawakita H.	2	0.2
Koto H.	1	0.1
Ushigome H.	1	0.1
Asoka H.	1	0.1
Tetsudo H.	1	0.1
Oji H.	1	0.1
Tokyo H.	1	0.1

1. Symptoms of Onset

97.0% of patients had fever.
70.6% " " " headache
44.7% " " " drowsiness

2. Defects after Discharge from Hospital

Totally defect both physical and mental 3
Totally physical defect none
Totally mental defect 1

3. Physical Symptoms after Discharge from Hospital

10.9% of patients claims loss of weight
14 patients suffered disphagia
17 patients suffered paralysis in light stage (3 have with other complications)

4. Mental Symptoms after Discharge from Hospital

19.5% of patients quick-tempered
15.4% of patients lacks in voluntary effort
64 (8.6%) suffer amnesia
121 (16.3%) suffered poor memory
age group of 11-20 years old suffers most in the amnesia

5. Living Condition

247 (33.5%) of the patients family are living in 2 rooms, that means poor condition of the family.
249 (33.6%) of the patients family are living on 2 tatamis (6 feet square = 36 square feet) for 1 person in average. This means also poor condition of the family

6. Number of Animals in the Vicinity

Chickens (340 - 45.9%)
are the most and the
Rabbits (2330 = 30.1%) and
Cats (205 - 2717%)
follows
One chicken died by encephalitis

NAME LIST OF COMMENDATION OF GOVERNOR CONCERNING "B" ENCEPHALITIS

12 Nov. 1948

1. Commendation

(1) Individual:

Hikaru Yosano, Chief of C.D.C. Sect.

Yoshiro Yamaguchi, Chief of Insect & Rodent Control Div.

Totaro Niinobe, Sanitary Engineer, I. & R. C. Div.

Isao Kojima, Supervisor, I. & R. C. Div.

Naoji Toishi, Supervisor, Hospital Adm. Div.

Goro Takanashi, Supervisor, I. & R. C. Div.

Hidemasa Okubo, Supervisor, Hospital Adm. Div.

Kazuo Ikeda, Sanitary Engineer, I. & R. C. Div.

Kotaro Kitami, Supervisor, Chief of Health Sect., Chuo Ward Office.

Mannosuke Yokota, Sanitary Engineer, Medical Staff, Komagome Hospital.

Kazuko Kitago, Sanitary Engineer, Medical Staff, Komagone Hospital.

(2) Institution:

Communicable Disease Control Sect., Health Bureau, Tokyo-to.

Medical Service Sect., Health Bureau, Tokyo-to.

Tokyo-to Disinfecting Stations.

Municipal Komagome Hospital.

Health Sect., Shinagawa Ward Office.

Health Sect., Shibuya Ward Office.

11. Appreciation

(1) Institution:

National First Hospital.

Tokyo-to Medical Association.

Yuraku Club.

Self-government Research Association.

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

15 October 1948

SUBJECT: Report of Serological Examinations

TO: Lt Col L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

Komagome Hospital

Name	Date	Results
Nagao, Tokuko	8/16	Positive 1:16
	8/25	" 1:16
	9/8	" 1:32
	9/12	" 1:16
Naito, Nobuo	8/14	Negative
	8/23	"
Nakajima, Tetsuro	8/18	Negative
	8/24	"
	9/21	Positive 1:32
Nakamori, Toshiko	8/31	Negative
	9/7	"
	9/21	"
Nakamura, Eiji	8/17	Positive 1:16
	8/24	" 1:16
	9/4	" 1:32
	9/12	" 1:32
Nakamura, Kuniko	8/12	Negative
	8/19	Positive 1:4
Nakata, Hiroshi	8/19	Positive 1:8
	8/25	" 1:8

OCT 18 1948

Name	Date	Results
Nakazawa, Masaharu	8/18	Negative
	8/24	Positive 1:16
	8/31	" 1:16
Narita, Takao	8/18	Negative
	8/27	"
Naruse, Katsumaso	8/18	Negative
	8/24	Positive 1:4
	9/4	" 1:16
	9/12	" 1:16
Negishi, Toshio	8/5	Negative
	8/16	QNS
	8/24	Positive 1:16
Niikura, Keiko	8/15	Negative
	8/21	"
	8/23	"
	9/2	Anticomplementary
Nishibe, Michie	8/7	Negative
	8/21	Positive 1:8
Nabeya, Kiyoko	8/24	Positive 1:16
Nagano, Noboru	8/5	QNS
	8/14	Doubtful (1:4 1/)
Nagata, Haruko	8/24	Positive 1:4
Nagata, Keiko	8/28	Positive 1:8
	9/12	" 1:16
Nagayama, Kenji	8/19	Negative
	8/26	"
Nakamura, Machiko	8/24	Positive 1:8
Nihei, Toshiko	8/28	Positive 1:16
Nishiyama, Shuko	8/21	Negative
	8/28	"
Noguchi, Teigi	8/10	"
	8/17	"

Name	Date	Results
Ohara, Isamu	8/28	Negative
	9/4	"
	9/12	Positive 1:4
Ohizumi, Kaneko	8/21	Negative
	8/28	"
	9/4	"
Ohmori, Eikichi	8/19	Negative
	8/26	"
	9/2	Positive 1:4
	9/9	" 1:4
Ohno, Koichi	8/24	Negative
	9/1	Positive 1:8
Ohno, Ume	8/25	QNS
	9/2	Negative
	9/12	"
Ohtsuka, Masaru	8/5	QNS
	8/12	Positive 1:8
	8/19	" 1:16
Ojima, Teru	8/9	Negative
	8/16	"
Okayama, Mitsunori	8/21	"
	8/28	"
Okiyama, Yoshinori	8/19	"
Okutomi, Yasuo	8/17	Negative
	8/24	Positive 1:4
	8/31	" 1:8
	9/8	" 1:8
	9/15	" 1:8
Omote, Takeshi	8/18	Negative
	8/25	"
	8/26	"
Ono, Tetsuo	8/11	Negative
	8/20	"
	8/27	"

Name	Date	Results
Oyaishi, Tasuke	8/18	Positive 1:4
	8/24	" 1:4
Okabe, Yuko	9/4	Negative
	9/12	"
Okano, Isamu	8/5	QNS
	8/12	"
	8/19	Negative
Sadamoto, Keiji	8/13	"
	8/20	"
Saito, Koji	8/13	"
	8/20	"
Saito, Shigeo	9/13	Positive 1:16
Sakai, Takasuke	8/10	Negative
	8/18	Positive 1:4
	8/24	" 1:4
	8/31	" 1:16
Sakata, Chieko	8/11	Negative
	8/20	"
Sakata, Takashi	8/16	"
	8/31	"
Saito, Yoshie	8/20	Negative
	8/27	Positive 1:4

FOR THE COMMANDING OFFICER:

D O Berge

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

15 October 1948

SUBJECT: Report of Serological Examinations

TO: Lt Col L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

Komagome Hospital

Name	Date	Results
Nagao, Tokuko	8/16	Positive 1:16
	8/25	" 1:16
	9/8	" 1:32
	9/12	" 1:16
Naito, Nobuo	8/14	Negative
	8/23	"
Nakajima, Tetsuro	8/18	Negative
	8/24	"
	9/21	Positive 1:32
Nakamori, Toshiko	8/31	Negative
	9/7	"
	9/21	"
Nakamura, Eiji	8/17	Positive 1:16
	8/24	" 1:16
	9/4	" 1:32
	9/12	" 1:32
Nakamura, Kuniko	8/12	Negative
	8/19	Positive 1:4
Nakata, Hiroshi	8/19	Positive 1:8
	8/25	" 1:8

Name	Date	Results
Nakazawa, Masaharu	8/18	Negative
	8/24	Positive 1:16
	8/31	" 1:16
Narita, Takao	8/18	Negative
	8/27	"
Naruse, Katsumaso	8/18	Negative
	8/24	Positive 1:4
	9/4	" 1:16
	9/12	" 1:16
Negishi, Toshio	8/5	Negative
	8/16	QNS
	8/24	Positive 1:16
Niikura, Keiko	8/15	Negative
	8/21	"
	8/23	"
	9/2	Anticomplementary
Nishibe, Michie	8/7	Negative
	8/21	Positive 1:8
Nabeya, Kiyoko	8/24	Positive 1:16
Nagano, Noboru	8/5	QNS
	8/14	Doubtful (1:4 1/)
Nagata, Haruko	8/24	Positive 1:4
Nagata, Keiko	8/28	Positive 1:8
	9/12	" 1:16
Nagayama, Kenji	8/19	Negative
	8/26	"
Nakamura, Machiko	8/24	Positive 1:8
Nihei, Toshiko	8/28	Positive 1:16
Nishiyama, Shuko	8/21	Negative
	8/28	"
Noguchi, Teigi	8/10	"
	8/17	"

Name	Date	Results
Ohara, Isamu	8/28	Negative
	9/4	"
	9/12	Positive 1:4
Ohizumi, Kaneko	8/21	Negative
	8/28	"
	9/4	"
Ohmori, Eikichi	8/19	Negative
	8/26	"
	9/2	Positive 1:4
	9/9	" 1:4
Ohno, Koichi	8/24	Negative
	9/1	Positive 1:8
Ohno, Ume	8/25	QNS
	9/2	Negative
	9/12	"
Ohtsuka, Masaru	8/5	QNS
	8/12	Positive 1:8
	8/19	" 1:16
Ojima, Teru	8/9	Negative
	8/16	"
Okayama, Mitsunori	8/21	"
	8/28	"
Okiyama, Yoshinori	8/19	"
Okutomi, Yasuo	8/17	Negative
	8/24	Positive 1:4
	8/31	" 1:8
	9/8	" 1:8
	9/15	" 1:8
Omote, Takeshi	8/18	Negative
	8/25	"
	8/26	"
Ono, Tetsuo	8/11	Negative
	8/20	"
	8/27	"

Name	Date	Results
Oyaishi, Tasuke	8/18	Positive 1:4
	8/24	" 1:4
Okabe, Yuko	9/4	Negative
	9/12	"
Okano, Isamu	8/5	QNS
	8/12	"
	8/19	Negative
Sadamoto, Keiji	8/13	"
	8/20	"
Saito, Koji	8/13	"
	8/20	"
Saito, Shigeo	9/13	Positive 1:16
Sakai, Takasuke	8/10	Negative
	8/18	Positive 1:4
	8/24	" 1:4
	8/31	" 1:16
Sakata, Chieko	8/11	Negative
	8/20	"
Sakata, Takashi	8/16	"
	8/31	"
Saito, Yoshie	8/20	Negative
	8/27	Positive 1:4

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

ARMY

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

11 October 1948

SUBJECT: Report of Serological Examinations

TO: Lt Col L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

Name	Date	Specimen	Results
Ohno, Shige	8 Aug	1st	Negative
	9 Sept	2nd	1:8(4+) 1:16(1+)
Aoki, Sakae	21 Aug	1st	Negative
	23 Aug	2nd	"
Beppu, Toyoko	3 Sept	1st	"
	6 Sept	2nd	"
	12 Sept	3rd	"
Furuya, Mitsuhiko	18 Aug	1st	"
	20 Aug	2nd	Positive 1:16(4+)
Ishinabe, Shizue	20 Aug	1st	Negative
	2 Sept	2nd	"
	9 Sept	3rd	QNS
Isoyama, Takashi	27 Aug	1st	Negative
	3 Sept	2nd	"
	10 Sept	3rd	Positive 1:4(4+)
Marai, Yoshitake	7 Aug	1st	Negative
	14 Aug	2nd	"
	21 Aug	3rd	Positive 1:8(2+)
Maruyama, Mitsuko	16 Aug	1st	Negative
	24 Aug	2nd	Positive 1:8(4+)

Name	Date	Specimen	Results
Maeda, Toshio	16 Aug	1st	Negative
	27 Aug	2nd	"
Maeda, Katsuaki	27 Aug	1st	Negative
	4 Sept	2nd	Positive 1:4(4+)
	12 Sept	3rd	" 1:8(4+)
Maejima, Takao	10 Aug	1st	QNS
	17 Aug	2nd	Negative
	24 Aug	3rd	"
Kiso, Yoko	7 Aug	1st	"
Ohhara, Yoshi	8 Aug	1st	"
Ohsawa, Kyoko	7 Aug	1st	"
Sudo, Sueko	8 Aug	1st	"
Egusa, Sayoko	12 Sept	3rd	Positive 1:4
Hashimoto, Setsuko	6 Aug	1st	Negative
Ishii, Mikiko	12 Sept	4th	Positive 1:16
Maejima, Toshihiko	25 Aug	3rd	Negative
	13 Sept	4th	"
Okuyama, Minoru	8 Aug	1st	"

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

11 October 1948

SUBJECT: Report of Serological Examinations

TO: Lt Col L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

Name	Date	Specimen	Results
Ohno, Shige	8 Aug	1st	Negative
	9 Sept	2nd	1:8(4+) 1:16(1+)
Aoki, Sakae	21 Aug	1st	Negative
	23 Aug	2nd	"
Beppu, Toyoko	3 Sept	1st	"
	6 Sept	2nd	"
	12 Sept	3rd	"
Furuya, Mitsuhiko	18 Aug	1st	"
	20 Aug	2nd	Positive 1:16(4+)
Ishinabe, Shizue	20 Aug	1st	Negative
	2 Sept	2nd	"
	9 Sept	3rd	QNS
Isoyama, Takashi	27 Aug	1st	Negative
	3 Sept	2nd	"
	10 Sept	3rd	Positive 1:4(4+)
Marai, Yoshitake	7 Aug	1st	Negative
	14 Aug	2nd	"
	21 Aug	3rd	Positive 1:8(2+)
Maruyama, Mitsuko	16 Aug	1st	Negative
	24 Aug	2nd	Positive 1:8(4+)

Name	Date	Specimen	Results
Maeda, Toshio	16 Aug	1st	Negative
	27 Aug	2nd	"
Maeda, Katsuaki	27 Aug	1st	Negative
	4 Sept	2nd	Positive 1:4(4+)
	12 Sept	3rd	" 1:8(4+)
Maejima, Takao	10 Aug	1st	QNS
	17 Aug	2nd	Negative
	24 Aug	3rd	"
Kiso, Yoko	7 Aug	1st	"
Ohhara, Yoshi	8 Aug	1st	"
Ohsawa, Kyoko	7 Aug	1st	"
Sudo, Sueko	8 Aug	1st	"
Egusa, Sayoko	12 Sept	3rd	Positive 1:4
Hashimoto, Setsuko	6 Aug	1st	Negative
Ishii, Mikiko	12 Sept	4th	Positive 1:16
Maejima, Toshihiko	25 Aug	3rd	Negative
	13 Sept	4th	"
Okuyama, Minoru	8 Aug	1st	"

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

24 Sept., 1948

Number of B. encephalitis patients and patients with orthopedic, late residual complications remaining by hospital
(As of September 20th)

Name of hospital	No.B.en.patients remaining at time of survey	No. patients with orthopedic, residual complications
Komagome Hosp.	74	8
Honjo "	23	1
Toyotama "	34	0
Ebara "	67	3
Toshima "	29	3
Otsuka "	6	0
Okubo "	6	1
Hiroo "	4	0
Tokyo 1st "	13	1
Tokyo 2nd "	45	0
Okura "	6	0
Setagaya "	8	0
Oji "	2	0
Total	317 (55)	17 5%

B.

Number of B Encephalitis Patients, discharged.

Name of hospital.	Number of discharged.	Date of opening of hospital for B encephal.
Komagome. -----	107.	25 July.
Toyotama. -----	3.	9 August.
Ebara. -----	9.	7 August.
Honjo. -----	1.	7 August.
Toshima. -----	5.	9 August.
Hiroo. -----	0.	12 August.
Otsuka. -----	3.	12 August.
Okubo. -----	2.	12 August.
National First. -----	15.	7 August.
National Second. ----	0.	7 August.
National Okura. -----	0.	9 August.
National Setagaya. --	0.	19 August.
National Oji. -------	0.	19 August.

Total Number of Discharged 145. -

1-5

Number of Patients Discharged from Hospitals.

Hospitals.		Age Group.				
		1-5.	6-10.	11-20.	21-over.	Total.
	M.	18.	21.	16.	11.	66.
Komagome.						
	F.	11.	9.	16.	5.	41.
	Total.	29.	30.	32.	16.	107.
	M.	1.	4.	0.	0.	5.
Ebara.						
	F.	1.	3.	0.	0.	4.
	Total.	2.	7.	0.	0.	9.
	M.	3.	5.	0.	2.	10.
National First.						
	F.	2.	2.	1.	0.	5.
	Total.	5.	7.	1.	2.	15.
	M.	0.	0.	0.	0.	0.
Honjo.						
	F.	1.	0.	0.	0.	1.
	Total.	1.	0.	0.	0.	1.
	M.	22.	30.	16.	13.	81.
Total.						
	F.	15.	14.	17.	5.	51.
	Total.	37.	44.	33.	18.	132.

68
46

Results of Typhoid Inoculation Campaign in 1948
(From May --- 30 August)

	No. people planned to be immunized		No. completed one-shot immu.	No. completed three-shot immu.	Total	Percentage	Name of Kus covered
1st campaign		At health centers	104,775	195,358	300,133		Chiyoda, Minato, Chuo, Bunkyo, Shinjuku, Daito, Shinagawa, Kita, Koto, Edogawa, Katsushika, Shibuya, Toshima, Arakawa, Adachi
		Schools	410,894	79,966	490,860		
		Factories, plants, etc	415,016	114,586	529,602		
		Welfare institutions	14,796	2,006	16,802		
	2181,330	Total	945,481	391,916	1337,397	61.31%	
2nd campaign		At health centers	212,346	87,033	299,379		Ota, Sumida, Meguro, Setagaya, Nakano, Suginami, Itabashi, Nerima, Nishitama, Kita-tama, Minami-tama.
		Schools	366,855	76,694	443,549		
		Factories, plants, etc	257,815	84,365	342,180		
		Welfare institutions	27,232	5,778	33,010		
	1907,368	Total	864,248	253,870	1118,118	58.62%	
Sum total		At health centers	317,121	282,391	599,512		
		Schools	777,749	156,660	934,409		
		Factories plants, etc	672,831	198,951	871,782		
		Welfare institutions	42,028	7,784	49,812		
	4090,698	Total	1809,729	645,786	2455,515	60.02%	
	No. people planned to be immunized 3907,545	Comparison with last year			2259,613	57.8%	

Note : It seems that there are some people who are immunized but are not reported from health centers. As to those who did not receive owing to illness and other reason, the investigation on them and the immunization for them are being made.

30 August 1948.

Dr. A R Manitoff.
Chief of Health Section,
Tokyo Military Government Team.

Dear Dr. Manitoff;

I would like to report you about B Encephalitis cases at IZU irland.

At 17 August, Tokyo To received telegram from mayor of Niijima irland, to report one suspect case of B encephalitis. Dr. Yosano sent Dr. Ikeda and Mr. Oki, to cary on preventive measures there, to prevent epidemic, 18 August with materials necessary there as follows:

1. D D T oil--------- 20 gallons.
2. Spray,type AD2---- 1.
3. Dust gun --------- 1.
4. D D T powder ----- 40 lbs.

Dr. Ikeda arrived there 19 August and diagnosed that patient as EKIRI, meantime, at KOZU irland one suspect was reported to Dr. Ikeda, so he went with Mr Oki, with small boat.

At KOZU irland, he found one B encephalitis 26 August. at 28 August, he also found two more cases there, and telegramed to the C D Section of Tokyo To. At the evening of 28 August, Dr. Yosano shipped there materials as follows:

1. D D T oil ----- 50 gallons.
2. Sprayer AD2 type-- 3.
3. Lysol solution---- 20. bottles.
4. Riger solution.--- 15. bottles.
5. Glucose. ---- 2 boxes.

That Kozu irland is no doctor there, so Dr. Yosano decided to send one team from Komagome to treat the patients.

Tonight, Dr. Yokota of Komagome will leave from Tokyo, with two nurses and druggs necessary. meantime Dr. Namba of central oficee will go there also tonightt with two crews, to replace with Dr. Ikeda.

1. Survey of B. encephalitis cases (April 4 -- Aug. 20) No. 1

Date	Case	Sex		Age Distribution											
				0--5	6--10	11--15	16--20	21--25	26--30	31--35	36--40	41--45	46--50	51--55	56--60	over 61
Apr. 4	1	m														
		f	1					1								
Jun. 22	1	m	1		1											
		f														
Jul. 3	1	m														
		f	1										1			
" 18	1	m	1				1									
		f														
" 25	1	m														
		f	1				1									
" 27	1	m	1						1							
		f														
" 28	3	m	1					1								
		f	2	1	1											
"29	3	m	1					1								
		f	2	2												
" 30	2	m	2	1					1							
		f														
" 31	9	m	7	1	4	1	1									
		f	2				1		1							
Aug. 1	6	m	3	1		1	1									
		f	3	1	1		1									
" 2	13	m	9	2	5			1		1						
		f	4		3								1			
" 3	31	m	26	8	8	8	1	1								
		f	5		3	1			1							
" 4	54	m	33	6	17	5	1		1				1	1		
		f	21	7	8	3	2				1				1	
" 5	57	m	32	9	9	6	2	4		1						1
		f	25	5	10	4	3	1		1						1

- Continued -

I.

No 2

Date	Case	Sex		Age Distribution												
				0--5	6--10	11--15	16--20	21--25	26--30	31--35	36--40	41--45	46--50	51--55	56--60	over 61
Aug. 6	62	m	32	9	13	6	2		1					1		
" 6		f	30	6	6	6	5	2	1	2					1	1
" 7	70	m	39	17	14	5	2									1
		f	31	9	10	3	1	2	1			1		1	1	2
" 8	92	m	57	11	27	8	6	1	1	2						1
		f	35	10	9	5	3	3	2	1			1			1
" 9	131	m	71	25	21	5	5	4	3	2	1	1		1	2	1
		f	60	17	18	7	4	5	1	3	1					4
" 10	97	m	54	11	18	10	6	3	1			1			3	1
		f	43	8	12	5	3	4		3	3	1		1	1	2
" 11	96	m	48	11	14	12	3	2		2	1			2	1	
		f	48	7	17	5	3	4	5	2	2					3
" 12	135	m	83	17	30	16	4	5	3	3	1			1		3
		f	52	12	12	11	2	4	2	2	2	1			2	2
" 13	93	m	50	12	23	8	3	2	1					1		
		f	43	9	12	11	2	3	1	3			1			1
" 14	73	m	37	7	16	4	3	1	1		1	1				3
		f	36	9	15	5	1	1	1		1			1		2
" 15	82	m	53	11	18	11	2	4	2	1					1	3
		f	29	6	10	1	1	2	1	1	1	2	1	1		2
" 16	80	m	42	15	13	4	4	3		1						2
		f	38	12	7	4	3	2	3	3	1	1	1			1
" 17	72	m	42	11	13	5	1	3	3	2	1					3
		f	30	7	10	2	2	3	2				1	1		2
" 18	56	m	35	13	7	4	2	2	1	2			1	1	1	1
		f	21	7	4	3	1		1	2	1			1		1
" 19	60	m	36	6	10	11	4	1	3		1					
		f	24	5	5	6	2		2	2				1		1
" 20	38	m	24	9	9	2	2	1		1						
		f	14	3	5	3	1		1						1	
Total		m	820	213	290	132	56	40	23	18	6	4	2	7	9	20
		f	601	143	178	85	42	37	26	25	13	6	7	7	6	26
Sum Total	1421			356	468	217	98	77	49	43	19	10	9	14	15	46

II Survey of B. encephalitis death cases (July 4 -- Aug.20)

Date	Case	Sex		Age Distribution												
				0--5	6--10	11--15	16--20	21--25	26--30	31--35	36--40	41--45	46--50	51--55	56--60	over 61
Jul.4	1	m														
		f	1										1			
" 29	1	m	1						1							
		f														
" 30	1	m														
		f	1		1											
Aug.1	1	m	1						1							
		f														
" 2	1	m														
		f	1							1						
" 3	2	m	1		1											
		f	1			1										
" 4	1	m														
		f	1							1						
" 5	7	m	3		1		1							1		
		f	4			1		3								
" 6	5	m	2					1		1						
		f	3			3										
" 7	14	m	6		1		1		2							2
		f	8		1		1		2		1		1			1
" 8	14	m	6		1		3									2
		f	8		2		2			1		1				
" 9	20	m	6		2		3		1							
		f	14		4		3		2		1		1			1
" 10	32	m	14		5		7		1							
		f	18		1		6		1		1		1			5
" 11	20	m	10		1		6		1							
		f	10				6				1		1			
" 12	18	m	10		2		1		2							
		f	8		1		3			1						
" 13	30	m	16		4		4		4		1		1			
		f	14		2		2		4							
" 14	20	m	9		2		4		2							
		f	11				4		3		1		1			
" 15	18	m	6				1									
		f	12		1		4		3		1		1			
" 16	26	m	10				5		1		1		1			
		f	16		3		3		1							
" 17	21	m	8		1		2		2							
		f	13		1		7			1						
" 18	17	m	8		1		1		3		1					
		f	9		1		1				1					
" 19	10	m	6				3		2							
		f	4		1		1		1							
" 20	10	m	5		1		2		1		1					
		f	5		2		1				2					
Total		m	128		23		44		23		6		8			
		f	162		21		47		20		8		12			
Sum Total	290				44		91		43		14		20			

Date	Case	Sex		Age Distribution												
				0--5	6--10	11--15	16--20	21--25	26--30	31--35	36--40	41--45	46--50	51--55	56--60	over 61
Total		m	128	23	44	23	6	8	4	1		2		2	4	11
		f	162	21	47	20	8	12	12	8	4	5	1	5	2	17
Sum Total	290			44	91	43	14	20	16	9	4	7	1	7	6	28

III. Survey of B. encephalitis cases hospitalized (April 4 -- Aug. 20) No.1

Date	MUNICIPAL																							
	Komagome			Toyotama			Toshima			Ebara			Honjo			Okubo			Otsuka					
	new case			n.c.			n.c.			n.c.			n.c.			n.c.			n.c.					
	m.	f.	d.	m.	f.	d.	m.	f.	d.	m	f	d	m	f	d	m	f	d	m	f	d			
Apr.4		1																						
Jun.22	1																							
Jul.3		1																						
" 4			1																					
" 18	1																							
" 25		1																						
" 27	1																							
" 28	1	2																						
" 29	1	2	1																					
" 30	2		1																					
" 31	9	2																						
Aug 1	3	3	1																					
" 2	9	4	1																					
" 3	26	5	2																					
" 4	33	21	1																					
" 5	32	25	10																					
" 6	31	29	5																					
" 7	16	9	14				2	2		14	10		1	1										
" 8	3	9	7				1			27	17	1	12	3	1									
" 9	11	15	7	11	9		16	3	1	10	12	7	12	6	2									
" 10	5	2	10	6	6	2	14	13	2	6	12	12	11	3	2									
" 11	3	3	1	2	3	3	18	14	5	11	8	5	10	8	5									
" 12	27	10	3	1	3		3	5	5	14	8	4	14	6	2	5	6		1	2				
" 13	11	11	5	3	4	1	4	5	4	13	10	9	7	5	3	2	1	1	3		1			
" 14	4	7	5			2	1	3	1	4	2	6	7	6	2	1	3		2	1				
" 15	4	4	3	2	3	1	5	4	1	5	4		7	3	5	1			11	3	1			
" 16	8	5	2	7	5	2	5	2	3	2	3	7	5	2	3			1	5	4	2			
" 17	10	6	4	2	1	4	4	3		3	4	1	2	1	3	2	1	1	8	3	1			
" 18	4	4	3	4	4	3	5	1	1	6	2	3			1	1		1	2	6	1			
" 19	5	13	1	1	3		3	1	1	5	2	1	1	1	2		1		4					
" 20	10	8	3	2			4	2	1	2	1													
Total	272	201		41	41	85	85	58		122	95		89	45		12	12		36	19				
Sum total	473		91	82		18	143		25	217		56	134		31	24		4	55		6			

III.

No.2

Date	MUNICIPAL	NATIONAL																			
	Hiroo new case			Tokyo 1st n.c.			Tokyo 2nd n.c.			Okura n.c.			Setagaya n.c.			Oji n.c.				
	m	f	d	m	f	d	m	f	d	m	f	d	m	f	d	m	f	d		
Apr. 4																					
Jun.22																					
Jul. 3																					
" 4																					
" 18																					
" 25																					
" 27																					
" 28																					
" 29																					
" 30																					
" 31																					
Aug. 1																					
" 2																					
" 3																					
" 4																					
" 5																					
" 6							1	1													
" 7				5	7		1	2													
" 8				8	4	3	6	2	2												
" 9				8	5	1	1	2	1	2	3										
" 10				11	4	3	1	3	1												
" 11				2	8	1	2	3			1										
" 12	3	6		7	2	2	5	2	2	3	2										
" 13	2	4		1		2	2	3	3	2		1									
" 14	4	2	1	8	8	2	4	3	1	2	1										
" 15	5	1	1	7	4	1	5	2	4	1	1	1									
" 16	2	4	1	1	5	4	6	4	1	2	3										
" 17				8	5	5	3	6	2			1									
" 18				10	2		1	2	3	2											
" 19	1			10	6	4				1			1			1					
" 20				4	3	5					1		2	1			1				
Total	17	17		90	63		38	35		15	12		3	1		1	1				
Sum total	34		3	153		33	73		20	27		3	4		0	2		0			

Remarks : M, F, and D are abreviations for Male, Female and Death respectively.

At Izu irland , there were no cases at the epidemics of 1935. So it is easy to expect many susceptable among inhabitants.

For the preventive purpose, Dr. Yosano decided to send teams before the reported case, and one team will leave from Tokyo within couple days, to Miyake Irland. Dr. Okuyama of my section is captain of the team, and will bring materials necessary.

So far as Hachijo Irland is concerned, team will go there 8 September, due to the lack of sailing.

That all about the story.

Very truly Yours.

Hiakru Yosano MD.
Chief of C D Control Section.
Tokyo To Office.

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

22 September 1948

SUBJECT: Report of Serological Examinations

TO: Lt Col L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

KOMAGOME

Name	Date	Specimen		Results
Adachi, Harumi	8/23	1st		>1:16(4+)
	9/2	2nd	+	1:32(4+) 1:64(1+)
Adegawa, Masao	8/20	1st		Neg.
	8/27	2nd	+	1:8(2+)
	9/4	3rd		1:8(3+)
Aoyagi, Koyu	8/21	1st		Neg.
	9/2	2nd	+	1:16(4+) >1:32(1+)
Arai, Sachiko	8/4	1st		Neg.
	8/10	2nd	+	>1:16(4+)
	8/18	3rd		QNS
	8/24	4th		>1:64(4+)
Ashiya, H. rcd.	8/7	1st		Neg.
	8/13	2nd	+	QNS
	8/21	3rd		1:32(3+) 1:64(1+)
Azuma, Yasugi	8/5	1st		Neg.
	8/10	2nd	+	1:16(4+)
	8/17	3rd		1:32(3+)
Arai, Masao	8/24	4th	+	>1:64(4+)

Name	Date	Specimen	Results
Yagisawa, Hatsue	8/25	1st	Neg.
	9/6	2nd	Neg.
Yagushi, Tatsuhiko	8/5	1st	Neg.
	8/13	2nd	1:4(3+)
	8/20	3rd	1:8(3+)
	8/27	4th	1:16(2+)
	9/4	5th	1:16(4+)
Yajima, Teiji	8/27	1st	Neg.
	9/3	2nd	Neg.
Yamada, Fumio	8/18	1st	Neg.
	8/24	2nd	Neg.
	9/2	3rd	1:4(3+) 1:8(1+)
Yamaguchi, Toshiko	8/7	1st	Neg.
	8/21	2nd	1:16(4+)
Yamaguchi, Yasumasa	8/25	1st	QNS
	9/2	2nd	Neg.
Yamazaki, Toshio	8/24	1st	Neg.
	9/1	2nd	1:8(3+) 1:16(1+)
Yanaka, Susumu	8/14	1st	Neg.
	8/21	2nd	Neg.
	8/28	3rd	Neg.
Yano, Nobuko	8/14	1st	Neg.
	8/21	2nd	1:4(3+) 1:8(1+)
	8/28	3rd	1:32(4+)
Yoshii, Shizuko	8/4	1st	Neg.
	8/11	2nd	1:16(3+)
	8/18	3rd	1:32(3+) 1:64(1+)
	8/24	4th	1:32(2+)
Yoshida, Motoo	8/10	1st	QNS
	8/17	2nd	1:64(3+)
Daidoji, Takako	8/16	1st	>1:16(4)
	8/27	2nd	1:32(3)
Daita, Teruhiko	8/26	1st	Neg.
	9/2	2nd	Neg.

Name	Date	Specimen	Results
Egusa, Sayako	8/18	1st	A/C
	8/31	2nd	A/C
Enomoto, Chieko	8/27	1st	1:4(1+)
	9/3	2nd	1:8(4+)
Enomoto, Hiroo	8/13	1st	Neg.
	8/20	2nd	1:16(2)
Enomoto, Takashi	8/3	1st	QNS
	8/13	2nd	QNS
	8/21	3rd	1:32(3+)
Fukuda, Yoko	8/5	1st	Neg.
	8/19	2nd	1:32(3+) 1:64(1+)
	8/25	3rd	QNS
Fukunaga, Kazuyo	8/20	1st	Neg.
	8/27	2nd	1:16(4+)
Furuhashi, Teruo	8/18	1st	Neg.
	8/27	2nd	1:8(3+) 1:16(1+)
Goto, Yoshinori	8/18	1st	Neg.
	8/24	2nd	1:16(4+)
Haneda, Katsutoshi	8/4	1st	Neg.
	8/10	2nd	QNS
Haneda, Takeshi	8/5	1st	Neg.
	8/20	2nd	1:16(4-)
	9/2	3rd	1:16(4+) 1:32(1+)
Hanzawa, Yoko	8/24	1st	Neg.
	8/30	2nd	Neg.
Hashimoto, Hanako	8/24	1st	Neg.
	9/1	2nd	1:16(4+) 1:32(1+)
Hashimoto, Katsue	8/15	1st	QNS
	8/21	2nd	1:8(2+)
	8/28	3rd	1:8(4+)
Harada, Aiko	8/4	1st	QNS
	8/20	2nd	1:16(4+) 1:32(1+)
Hashimoto, Shigeo	8/19	1st	Neg
	8/26	2nd	1:16(2+)

Name	Date	Specimen	Results
Hayashi, Ikuo	8/18	1st	Neg.
	8/24	2nd	1:16(3+)
	9/4	3rd	>1:64(4+)
Hinoki, Juichi	8/5	1st	Neg.
	8/12	2nd	1:64(4+)
Hiraki, Yoshiko	8/12	1st	QNS
	8/19	2nd	>1:16(4+)
	8/27	3rd	>1:64(4+)
Shibata, Yasuko	8/9	1st	Neg.
	8/23	2nd	1:32(3+) 1:64(1+)
	8/31	3rd	1:32(2+)
Takimi, Masako	8/26	3rd	1:16(4)
Ofuji, Katsuhiko	8/24	3rd	Neg.
Iki, Yukie	8/27	1st	Neg.
	9/6	2nd	1:4(2)
Aoyama, Tadahiko	8/28	3rd	1:32(4)
Handa, Shigeru	8/26	1st	1:4(2)
	9/13	2nd	1:16(4)
Homma, Sadaji	8/17	3rd	1:8(4)
	9/2	4th	1:8(4)
	9/4	5th	1:16(4)
Ichikawa, Akaihisa	8/21	4th	1:16(3)
Ishida, Shoji	8/5	1st	QNS
	8/27	2nd	1:8(4)
	9/3	3rd	1:16(4) 1:32(1)
	9/10	4th	1:16(4) 1:32(1)
Aoki, Mitsuo	8/20	3rd	1:16(3)
Hirabayashi, Tadashi	8/21	4th	1:16(4)
	9/2	5th	1:32(3)
	9/3	6th	1:16(4)
Hirayama, Itoko	8/21	2nd	1:16(4)
	8/28	3rd	1:32(2)

Name	Date	Specimen	Results
Hirayama, Yasuko	8/14	1st	Neg.
	8/27	2nd	1:32(4)
Hirose, Kiyoshi	8/7	1st	Neg.
	8/14	2nd	1:16(3+)
	8/21	3rd	1:16(4+) 1:32(1)
Honda, Kayoko	8/14	1st	Neg.
	8/20	2nd	1:4(2) 1:8(1)
Horie, Hiromi	8/8	1st	Neg.
	8/21	2nd	1:8(4) 1:16(1)
Hoshino, Saburo	8/23	1st	1:8(4) 1:16(1)
	8/30	2nd	1:8(4)
Hosoda, Hyoko	8/19	3rd	1:16(4)
Hosoya, Shintaro	8/19	1st	Neg.
	8/26	2nd	1:8(4) 1:16(1)
Iguchi, Tadataka	8/14	1st	QNS
	8/21	2nd	1:32(2)
Ihei (Ihira) Nobuko	8/21	1st	1:64(2)
	8/28	2nd	1:64(4)
Imai, Yasuo	8/19	1st	1:8(4) 1:16(1)
	8/26	2nd	1:16(4)
Inabashi, Setsuo	8/16	1st	1:16(4) 1:32(1)
	8/23	2nd	1:64(2)
Ishii, Mikiko	8/16	1st	Neg.
	8/25	2nd	1:32(3)
	8/26	3rd	1:32(4)
	9/4	4th	1:16(4) 1:32(1)
Uchida, Hiroko	8/9	1st	1:16(4) 1:32(1)
	8/25	2nd	1:32(3)
	9/2	3rd	1:32(4)
Hozumi, Takeo	8/20	5th	1:128(2)
Iida, Takio	8/24	3rd	1:32(4)
	9/4	4th	1:128(3)

Name	Date	Specimen	Results
Mori, Akio	8/31	4th	1:64(3)
	9/2	5th	1:64(4)
	9/8	6th	1:64(4)
Kikuchi, Yasuo	8/28	3rd	1:256(4)
	9/4	4th	1:256(4)

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

4 September 1948

SUBJECT: Report of Serological Examinations

TO: Lt. Col. L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies.

Komagome

Name	No.	Date	Results
Nagata, Hanuko	4106	8/5	QNS
	4826	8/14	1:4(3+) 1:8(1-)
	4960	8/16	1:4(2+)
	5511	8/20	1:4(2+)
Tani, Makato	4157	8/7	Negative
	4639	8/14	1:4(1+)
	5558	8/21	1:4(4+)
	6469	8/28	1:32(3+)
Kikuchi, Yasuo	4165	8/7	Negative
	5579	8/21	1:32(3+)
Mano, Masayoshi	4125	8/7	Negative
	4156	8/7	"
	5529	8/20	1:4(2+) 1:8(1+)
Tsuda, Naomichi	4126	8/7	Negative
	4832	8/14	1:8(4+)
	5563	8/21	1:4(4+)
Ichiyama, Yoshiko	4039	8/5	Negative 1:8
	6465	8/28	A/C

Subject: Report of Serological Examinations 4 Sept 48

Name	No.	Date	Results
Nihei, Toshiko	4190	8/9	Negative
	5528	8/20	1:4(4+)
Okabe, Iku	4148	8/7	Negative
	4831	8/14	"
	5576	8/21	"
	6464	8/28	1:8(2+) 1:16(1+)
Okabe, Midori	4185	8/9	Negative
	4631	8/14	1:8(4+)
	5571	8/21	1:16(4+)
	6470	8/28	1:32(2+)
Saito, Hideo	4201	8/9	Negative
	5564	8/21	1:8(3+)
	6461	8/28	1:8(3+)
Fujisaki, Kiku	4188	8/9	QNS
	5021	8/16	Negative
	6514	8/30	Negative
Oshiyama, Kiyoe	4220	8/10	QNS
	5017	8/16	Negative (1:4+)
	5737	8/23	1:8(3+)
	6512	8/30	1:16(4+)

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

2 September 1948

SUBJECT: Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Col. L. G. Thomas, Public Health and Welfare Section
✓Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

KOMAGOME

No.	Name	Date	Specimen	Results
4067	Maejima, Toshihiko	8/5	1st	Neg.
		8/13	2nd	QNS
4075	Seki, Noriko	8/5	1st	Neg.
4697		8/13	2nd	1:8(3+)
4202	Iriyama, Tamiko	8/9	1st	Neg.
4873		8/16	2nd	1:8(4+)
4121	Aoki, Tomiko	8/8	1st	1:8(3+)
5001		8/16	2nd	1:4(4+)
3331	Mori, Akio	7/31	1st	Neg.
4137		8/7	2nd	Neg.
5003		8/16	3rd	1:4(4+) 1:8(1+)
4214	Matsui, Tsunehiko	8/10	1st	Neg.
5009		8/16	2nd	1:8(2+)
4212	Kitamura, Mitsugu	8/10	1st	Neg.
5015		8/14	2nd	Neg.
4842	Ohtsuka, Kimiko	8/7	1st	QNS
		8/14	2nd	Neg.
5006	Ura, Hiroshi	8/16	4th	Neg. (±1:4)

No.	Name	Date	Specimen	Results
5011	Wada, Masa	8/16	4th	1:4(4+)
5013	Tsuchiya, Yasukaka	8/16	4th	1:8(3+)
5014	Saigo, Kumiko	8/16	4th	1:8(4+)

FOR THE COMMANDING OFFICER:

Trygve O. Berge
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

3 September 1948

SUBJECT: Report of Serological Examinations

TO: Lt. Col. L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

The following results have been obtained in complement fixation tests for Japanese B encephalitis virus antibodies:

Komagome

Name	Date	Specimen	Results
Goto, Teruko	8/4	1st	Negative
	8/10	2nd	1:8(3+) 1:16(2-)
	8/17	3rd	1:8(4+)
	8/24	4th	1:16(2+)
Saito, Shigeo	8/5	1st	QNS
	8/17	2nd	1:8(2+)
	8/24	3rd	1:32(3+) 1:64(1-)
Ono, Umeko	8/19	3rd	Negative

FOR THE COMMANDING OFFICER:

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

31 August 1948

SUBJECT: Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Col. L.G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

KOMAGOME HOSPITAL

Name	Date	Specimen	J.B.E. C.F.
Saito, Hisako (Naoko)	8/5	1st	Neg
	8/12	2nd	less than 1:8
Kubota, Atsuko	8/7	1st	Neg
	8/14	2nd	1:16 (4+)
Koike, Yoshihiro	8/7	1st	Neg
	8/14	2nd	1:8 (4+)
Miyazaki, Aiko	8/5	1st	Neg
Sakuma, Shinobu	8/5	1st	less than 1:8
	8/13	2nd	QNS
Atsuta, Ayako	8/5	1st	QNS
	8/12	2nd	Neg
Aoyama, Tadahiko	8/6	1st	QNS
	8/14	2nd	1:8 (4+)
Narita, Takeshi	8/5	1st	Neg
	8/13	2nd	Neg
Tsuruoka, Kiyoshi	8/5	1st	QNS
	8/13	2nd	Neg

FOR THE COMMANDING OFFICER:

Trygve O. Berge
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

24 August 1948

SUBJECT: Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Col. L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

KOMAGOME

Name	Date	Specimen	Results
Koumi, Atsuko	8/9	1st	Neg
	8/16	2nd	Neg
Onozawa, Nobuko	8/9	1st	Neg
	8/16	2nd	Neg
Matsumoto, Yoshie	8/9	1st	Neg
	8/16	2nd	1:8(4+) 1:16(1+)
Nabeya, Kiyoko	8/9	1st	1:4(4+)
	8/16	2nd	1:32(4-)
Kuni, Toshiko	8/9	1st	QNS
	8/16	2nd	1:32(3+)
Kobayashi, Kanji	8/7	1st	homolyzed
	8/16	2nd	1:32 (2+)
Wada, Toshio	8/5	1st	QNS
	8/16	2nd	1:16 (4+)
Sakashita, Akira	8/9	1st	Neg
	8/16	2nd	1:4 (2-)
Nakajima, Sumie	8/16	4th	1:32 (2+)
Wada, Yuko	8/15	3rd	1:16 (4+)

TRYGVE O. BERGE
Major, MSC
Virus and Rickettsial Section

HEADQUARTERS
406th Medical General Laboratory
APO 500 U S Army

23 August 1948

SUBJECT: Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt, Col. L. G. Thomas, Public Health and Welfare Section
✓Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

KOMAGOME

Name	Date	Specimen	Results
Kamonomiya, Mari	8/5	1st	Neg
	8/15	2nd	1:8 (3+)
Udagawa, Kenzo	8/5	1st	Neg
	8/15	2nd	Neg
Shinozaki, Haruko	8/5	1st	Neg
	8/16	2nd	Neg
Hamada, Hiroshi	8/7	1st	QNS
	8/16	2nd	Neg
Ofuji, Katsuhiko	8/3	1st	QNS
	8/16	2nd	Neg
Arai, Masao	8/6	1st	Neg
	8/7	2nd	Neg
	8/16	3rd	Neg
Iwai, Kimiko	8/6	1st	Neg
	8/16	2nd	Neg
Oshida, Reiko	8/5	1st	Neg
	8/16	2nd	Neg
Matsuhashi, Shoichi	8/5	1st	a/c
	8/16	2nd	Neg

Results of Complement Fixation Tests
With Japanese B Encephalitis Virus Antigen

23 Aug 48

Name	Date	Specimen	Results
Wada, Yukeo	8/5	1st	Neg
	8/9	2nd	Neg
Takimi, Masako	8/7	1st	Neg
	8/16	2nd	Neg
Kagawa, Yukiko	8/7	1st	Neg
	8/16	2nd	Neg
Ito, Shinobu	8/7	1st	QNS
	8/16	2nd	1:8 (3+)

TRYGVE O. BERGE
Major, MSC
Virus and Ticketttsial Section

HEADQUARTERS
406th MEDICAL GENERAL LABORATORY
APO 500 U S Army

19 August 1948

SUBJECT: Results of Complement-Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Colonel L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

Komagome Hospital

				Complement-Fixation JBE Virus
V-4735	Ura, Yu	8/14	3rd	qns
V-4736	Tsuchiya, Yasuko	8/17	3rd	Neg (1:8)
V-4737	Urata, Mineko	8/14	3rd	1:8 (3+)
V-2936	Tanuma, Keiko	7/26	1st	Neg
V-4071		8/6	2nd	Neg
V-4870		8/15	3rd	1:8 (4+)
V-4739	Kageyama, T.	8/14	3rd	Neg
V-4732	Terakawa, Kazugi	8/14	3rd	Neg (1:8)
V-4731	Ichikawa, Akikisa	8/14	3rd	Neg
V-4815	Shimizu, Yutaka	8/14	3rd	1:8 (4+)
V-4733	Wada, Masa	8/14	3rd	Neg
V-4872	Aoki, Mitsuo	8/15	2nd	1:8 (4+)
V-4058	Tabei, Tsutomue	8/6	1st	1:4 (4+)
V-4611		8/12	2nd	1:8 (4+)
V-4818		8/14	3rd	1:8 (3+)
V-3219	Hirabayashi, Tadashi	7/29	1st	Neg
V-4018		8/5	2nd	Neg
V-4810		8/14	3rd	1:8 (2+)

				Complement-Fixation JBE Virus
V-4738	Nakajima, Sumie	8/14	3rd	1:8 (4+)
V-3607	Kobayashi, Hisako	8/3	1st	Neg
V-4740		8/14	2nd	1:16 (4+)
V-4029	Takanashi, Tomoko	8/6	3rd	1:32 (4+)
V-4734		8/14	4th	1:32 (1+)
V-4050-91	Watanabe, Tadashi	8/6	1st	1:32 (3+)
V-4710		8/13	2nd	1:32 (3+)
				1:64 (1+)
V-3221	Adachi, Tamiko	7/30	1st	Neg
V-4009		8/6	2nd	1:16 (4+)
V-4709		8/13	3rd	1:32 (3+)
V-3224	Sasaki, Keiko	7/30	1st	Neg
V-3985		8/6	2nd	QNS
V-4708		8/13	3rd	1:32 (3+)
V-3220	Sejima, Sachiko	7/30	1st	1:8 (3+)
V-4082		8/6	2nd	1:16 (4+)
V-4707		8/13	3rd	1:16 (4+)
				1:32 (1+)
V-4045	Hozumi, Takeo	8/6	3rd	1:16 (3+)
V-4705		8/3	4th	1:64 (2+)
V-4027	Ishizaka, Ayako	8/5	1st	Neg
V-4699		8/13	2nd	1:8 (3+)
				1:16 (1+)
V-4079	Naito, Mitsunobu	8/5	1st	Neg
V-4698		8/13	2nd	1:16 (4+)
				1:32 (1+)
V-4059	Kato, Reiko	8/5	1st	Neg
V-4620		8/12	2nd	QNS

TRYGVE O. BERGE
Major MSC
Virus and Rickettsial Section

HEADQUARTERS
406TH MEDICAL GENERAL LABORATORY
APO 500 U S Army

16 August 1948

SUBJECT: Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Col. L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

KOMAGOME

			Complement-Fixation JBE Virus
Saigo, Kumiko	V-3350	8/2	Negative
	V-4206	8/9	4(4+), 8(1+)
Tsuchiya, Yasuko	V-3336	8/1	Negative
	V-4210	8/9	Negative
Nakajima, Sumie	V-3612	8/2	QNS
	V-4209	8/9	Negative (1:8)
Ura, Yu	V-3608	8/2	Negative
	V-4211	8/9	Negative
Wada, Masa	V-3610-11	8/2	Negative
	V-4213	8/9	Negative
Terakawa, Kazuji	V-3352	8/2	Negative
	V-4218	8/10	QNS
Okawa, Tomaichi	V-3934	?	Negative
	V-4219	8/10	Negative
Okutomi, Yasuo	V-3938	?	Negative
	V-4222	8/10	Negative
Kagayama, Takahiko	V-3933	?	Negative (1:8)
	V-4225	8/10	QNS
Iida, Takeo	V-3624	8/3	QNS
	V-4224	8/10	16(4+)

Results of Complement Fixation Tests with Japanese B Encephalitis Virus Antigen.

KOMAGOME (Continued)

			Complement-Fixation JBE Virus
Urata, Mineko	V-3944	?	Negative (1:8)
	V-4226	8/10	QNS
Kobayashi, Hisako	V-3607	8/3	Negative
	V-4228	8/10	QNS
Homma, Sadagi	V-3625	8/2	QNS
	V-4233	8/10	Negative
Koike, Katsuji	V-3937	?	Negative
	V-4237	8/10	4(4+)
Kanai, Keisuke	V-3630	8/4	QNS
	V-4238	8/10	4(2-)

TRYGVE O. BERGE
Major MSC
Virus and Rickettsial Section

69

HEADQUARTERS
406TH MEDICAL GENERAL LABORATORY
APO 500 U S Army

12 August 1948

SUBJECT: Results of Complement-Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Colonel L. G. Thomas, Public Health and Welfare Section
Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

		Complement-Fixation JEE Virus
Ono, Yayoi	7/31/48	Negative
	8/2/48	Qns.
Shimizu, Yutaka	7/31/48	Negative
	8/2/48	4 (2+) 8 (1+)
Takanashi, Tomoko	7/31/48	Negative
	8/2/48	Qns.
Ichikawa, Akikisa	7/31/48	Negative
	8/2/48	Negative
Shibata, Tetsuo	7/31/48	Negative
	8/2/48	16 (3+)
Hashimoto, Akio	7/31/48	Negative
	8/1/48	Negative
Hozumi, Tateo	7/31/48	Negative
	8/2/48	16 (3+)

TRYGVE O. BERGE
Major MSC
Virus and Rickettsial Section

HEADQUARTERS
406th MEDICAL GENERAL LABORATORY
APO 500 U S Army

19 August 1948

SUBJECT: Results of Complement-Fixation Tests with Japanese B Encephalitis Virus Antigen

TO: Lt. Colonel L. G. Thomas, Public Health and Welfare Section
✓Dr. A. R. Manitoff, Tokyo Military Government Team
Dr. Grant Taylor

Komagome Hospital

				Complement-Fixation JBE Virus
V-4735	Ura, Yu	8/14	3rd	qns
V-4736	Tsuchiya, Yasuko	8/17	3rd	Neg (1:8)
V-4737	Urata, Mineko	8/14	3rd	1:8 (3+)
V-2996	Tanuma, Keiko	7/26	1st	Neg
V-4071		8/6	2nd	Neg
V-4870		8/15	3rd	1:8 (4+)
V-4739	Kageyama, T.	8/14	3rd	Neg
V-4732	Terakawa, Kazugi	8/14	3rd	Neg (1:8)
V-4731	Ichikawa, Akikisa	8/14	3rd	Neg
V-4815	Shimizu, Yutaka	8/14	3rd	1:8 (4+)
V-4733	Wada, Masa	8/14	3rd	Neg
V-4872	Aoki, Mitsuo	8/15	2nd	1:8 (4+)
V-4058	Tabei, Tsutomue	8/6	1st	1:4 (4+)
V-4611		8/12	2nd	1:8 (4+)
V-4818		8/14	3rd	1:8 (3+)
V-3219	Hirabayashi, Tadashi	7/29	1st	Neg
V-4018		8/5	2nd	Neg
V-4810		8/14	3rd	1:8 (2+)

Complement-Fixation
JBE Virus

V-4738	Nakajima, Sumie	8/14	3rd	1:8 (4+)
V-3607	Kobayashi, Hisako	8/3	1st	Neg
V-4740		8/14	2nd	1:16 (4+)
V-4029	Takanashi, Tomoko	8/6	3rd	1:32 (4+)
V-4734		8/14	4th	1:32 (1+)
V-4050-91	Watanabe, Tadashi	8/6	1st	1:32 (3+)
V-4710		8/13	2nd	1:32 (3+)
				1:64 (1+)
V-3221	Adachi, Tamiko	7/30	1st	Neg
V-4009		8/6	2nd	1:16 (4+)
V-4709		8/13	3rd	1:32 (3+)
V-3224	Sasaki, Keiko	7/30	1st	Neg
V-3985		8/6	2nd	QNS
V-4708		8/13	3rd	1:32 (3+)
V-3220	Sejima, Sachiko	7/30	1st	1:8 (3+)
V-4082		8/6	2nd	1:16 (4+)
V-4707		8/13	3rd	1:16 (4+)
				1:32 (1+)
V-4045	Hozumi, Takeo	8/6	3rd	1:16 (3+)
V-4705		8/3	4th	1:64 (2+)
V-4027	Ishizaka, Ayako	8/5	1st	Neg
V-4699		8/13	2nd	1:8 (3+)
				1:16 (1+)
V-4079	Naito, Mitsunobu	8/5	1st	Neg
V-4698		8/13	2nd	1:16 (4+)
				1:32 (1+)
V-4059	Kato, Reiko	8/5	1st	Neg
V-4620		8/12	2nd	QNS

T O Berge

TRYGVE O. BERGE
Major MSC
Virus and Rickettsial Section