

25. The chemical investigation was limited to the examination of a vomit and some cheese which had been handed to me by Major ELLIS and also of a quantity of bread and cheese forwarded to me by the Captain Superintendent of Police, and was conducted with a view to finding a poisonous metal in all of the above mentioned substances and an acrid oily principle in the cheese, but all the attempts in this direction proved unsuccessful.

26. From the above particulars it will be seen that there were good reasons for assuming that the cheese was the cause of the mischief, but I am unable to adduce any evidence in confirmation of this theory. Two rats were fed on the cheese for several days but they did not exhibit any signs of poisoning.

27. It is quite possible that there was some obscure principle in the cheese, developed probably by a process of fermentation, which caused the poisonous symptoms displayed by the Bandsmen. It is noteworthy that three of the men who partook of the cheese were in no way affected: a fact, which would lead one to infer that, in cheese poisoning, idiosyncrasy may play a not unimportant part.

28. Mention should here be made that, at the period of the year referred to, several civilians complained of violent sickness after eating cheese.

29. I avail myself of this opportunity for conveying my best thanks to Major W. T. ELLIS, who was then in command of the 2nd Battalion of the 58th Regiment, for the valuable assistance rendered me while investigating this obscure case of poisoning.

#### GENERAL REMARKS.

30. **Students.**—The Senior Student Apothecary, Mr. Ü I KAI has worked well during the past year and is making satisfactory progress with his studies. The Junior Student, Mr. CHAU KAM TSÜN only entered on his duties on the 15th of October last. His appointment has not yet been confirmed.

31. **Laboratory.**—The analyses required by Government have been conducted in the temporary laboratory provided in this Hospital some years ago. It is to be hoped that the time is approaching when these make-shift arrangements can be dispensed with. The analytical work for the Government of this Colony is frequently of a very trying nature: that required in forensic cases entails a very heavy responsibility which ought only to be borne by a Chemist who has the best means at his disposal that both art and science can suggest. More than five years have now elapsed since the time when I was assured a suitable laboratory would have been provided. The work during the past five years has, however, not been without some good results, but its usefulness has been restricted by the limited nature of the investigations through want of proper accommodation.

32. It would be well if, when a new laboratory is built, advantage could be taken of the presence of the Government Analyst in England for securing the necessary appliances for furnishing the building.

33. My thanks are due to Mr. MALCOLM WATSON, the Assistant Apothecary, for the assistance he has given me in the Laboratory during the past year.

I have the honour to be,

Sir,

Your most obedient Servant,

WM. EDWARD CROW,  
*Government Apothecary  
and Analyst,  
Civil Medical Department.*

Dr. PH. B. C. AYRES,  
*Colonial Surgeon and Inspector of Hospitals.*

#### GOVERNMENT NOTIFICATION—No. 314.

The following Returns of Deaths for the Month ended 30th June are published for general information.

By Command,

FREDERICK STEWART,  
*Colonial Secretary.*

Colonial Secretary's Office, Hongkong, 13th July, 1889.

## A SUMMARY OF DEATHS AND THEIR CAUSES SHEWN IN THE ATTACHED RETURN

DISEASE.	EUROPEAN AND FOREIGN COMMUNITY.			CHINESE COMMUNITY.						
	Civil. — Esti- mated Popula- tion.  6,560	Army. — Esti- mated Strength.  ...	Navy. — Esti- mated Strength.  ...	VICTORIA DISTRICT.—						
				Sokoupo.	Bowrington.	Wantsai.	Hawan.	Sheungwan.	Chungwan.	Táipingshan.
				Estimated Population, .....						
Infantile Convulsive Diseases, {										
Convulsions, .....	...	...	...	3	...	...	6	...	7	34
Trismus Nascentium, ..	...	...	...	...	...	...	24	...	26	1
Throat Affections, {										
Acute, .....	...	...	...	...	...	...	...	...	...	...
Chronic, .....	...	...	...	...	...	...	...	...	...	...
Chest Affections, {										
Acute, .....	...	...	...	...	...	...	...	...	...	...
Chronic, .....	...	...	...	1	1	4	4	...	6	30
Bowel Complaints, {										
Cholera, .....	...	...	...	...	...	...	...	...	...	...
Vomiting & Purging, ..	1	...	...	...	...	...	...	...	2	...
Cholera Infantum, ...	...	...	...	...	...	...	...	...	...	...
Diarrhœa, .....	...	...	...	1	...	...	4	1	...	...
Dysentery, .....	1	1	...	...	...	2	1	...	4	13
Colic, .....	...	...	...	...	...	...	...	...	...	...
Fevers, {										
Malarial, {										
Remittent, ....	2	...	...	1	...	...	...	...	1	1
Intermittent, ..	...	...	...	...	...	1	...	...	2	23
Simple Continued, .....	...	...	...	...	...	1	17	...	8	1
Puerperal, .....	...	...	...	...	...	...	...	...	1	...
Exanthematous, {										
Typhoid, ....	...	...	...	...	...	...	...	...	...	...
Measles, .....	...	3	...	...	...	...	...	...	...	...
Small-pox, ...	...	...	...	...	...	...	...	...	...	...
Marasmus, .....	...	...	...	...	...	...	...	...	5	...
Other Causes, .....	5	...	1	5	...	1	...	2	26	18
TOTAL, .....	9	4	1	11	1	9	56	3	88	121

AS HAVING BEEN REGISTERED DURING THE MONTH ENDING 30TH JUNE, 1889.

CHINESE COMMUNITY.													TOTAL.	GRAND TOTAL.
DIVISION.				Kaulung District.		Sháukiwán District.		Aberdeen District.		Stanley District.				
Saiyingpun.	Shektongtsui.	Kennedytown.	Harbour. Estimated Population.	Estimated Population.		Estimated Population.		Estimated Population.		Estimated Population.				
				Land.	Boat.	Land.	Boat.	Land.	Boat.	Land.	Boat.			
.....	127,742		20,890	13,060	5,000	4,880	4,000	2,500	3,500	1,000	1,000			
12	...	...	5	5	1	...	1	...	...	...	...	74	} 126	
...	...	...	...	1	...	...	...	...	...	...	...	52		
...	...	...	...	...	...	...	...	...	...	...	...	...	} ...	
...	...	...	...	...	...	...	...	...	...	...	...	...		
...	...	...	...	1	...	...	...	...	...	...	...	1	} 85	
11	...	1	3	6	6	2	3	2	4	...	...	84		
...	...	...	...	...	...	...	...	...	...	...	...	...	} 43	
...	...	...	...	...	...	...	...	...	...	...	...	3		
...	...	...	...	...	...	...	...	...	...	...	...	...	} 110	
...	...	...	1	3	2	3	1	2	...	...	...	18		
...	...	...	...	...	...	...	...	...	...	...	...	22	} 110	
...	...	...	...	...	...	...	...	...	...	...	...	...		
4	...	1	2	...	...	6	3	...	2	...	...	23	} 110	
3	...	1	...	...	...	...	...	...	1	...	...	31		
...	...	...	2	9	10	...	...	1	2	...	...	51	} 110	
...	...	...	...	...	...	...	...	...	...	...	...	1		
1	...	...	...	...	...	...	...	...	...	...	...	4	} 110	
...	...	...	...	...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...	...	...	...	5	5	
17	...	...	4	2	6	1	...	1	...	...	...	89	89	
48	...	3	17	27	25	12	8	6	9	...	...	458	458	

HUGH McCALLUM,  
Secretary.

RETURN SHOWING THE NUMBER OF DEATHS REGISTERED DURING THE

CAUSES.	BRITISH AND FOREIGN COMMUNITY.			CHINESE COMMUNITY.										
				VICTORIA DISTRICT.										
				DIVISION.										
	Civil.	Army.	Navy.	Sokonpo.	Bowrington.	Wantsai.	Hawan.	Sheungwan.	Chungwan.	Táip'ingshan.	Saiyingpun.	Shektongtsui.	Kennedy-town.	Harbour.
Convulsions, .....	..	..	..	3	..	..	6	..	7	34	12	..	..	5
Trismus Nascentium,.....	..	..	..	..	..	..	24	..	23	..	..	..	..	..
Dysentery, .....	1	1	..	..	..	2 <sup>a</sup> <sub>at</sub>	1	..	4 <sup>as</sup> <sub>ci</sub>	13 <sup>as</sup> <sub>cy</sub>	..	..	..	..
Diarrhœa, .....	..	..	..	1 <sup>a</sup>	..	..	4 <sup>c</sup>	1 <sup>a</sup>	..	..	..	..	..	1 <sup>a</sup>
Fever, Simple Continued, ...	..	..	..	..	..	1	17	..	8	1	..	..	..	2
" Remittent, .....	2	..	..	1	..	..	..	..	1	1	4	..	1	1
" Intermittent, .....	..	..	..	..	..	1	..	..	2	23	3	..	1	..
Measles, .....	..	3	..	..	..	..	..	..	..	..	..	..	..	..
Tetanus or Lock Jaw, .....	..	..	..	..	..	..	..	..	3	1	..	..	..	..
Marasmus, .....	..	..	..	..	..	..	..	..	5	..	..	..	..	..
Lung Disease, (Chronic), ...	..	..	..	1	1	4	4	..	6	30	11	..	1	3
Undiagnosed, .....	1	..	..	1	..	..	..	..	4	1	8	..	..	..
Dropsy, Heart Disease, .....	..	..	..	..	..	..	..	2	2	3	1	..	..	..
" Nature of Unascertained, .....	..	..	..	1	..	..	..	..	5	6	..	..	..	1
Beri-beri, .....	..	..	..	1	..	..	..	..	..	5	1	..	..	1
Worms, .....	..	..	..	..	..	..	..	..	1	1	..	..	..	..
i. Intra-thoracic; ii. Diarrhœa, .....	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Accidental Injury, .....	1	..	..	..	..	..	..	..	2	..	2	..	..	..
Natural Causes, .....	..	..	..	1	..	..	..	..	5	..	1	..	..	1
Drowning, .....	..	..	1	..	..	1	..	..	2	..	..	..	..	..
Opium Poisoning, .....	..	..	..	..	..	..	..	..	1	..	1	..	..	..
Syncope, .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Vomiting and Purging, .....	1	..	..	..	..	..	..	..	2	..	..	..	..	..
Old Age, .....	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Ague, .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Child-birth within a month after delivery,.....	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Teething,.....	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Child-birth, Undelivered, ...	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Suicide, .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Renal Disease, .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..
i. Difficult labour; ii. Puerperal Fever, .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Insanity, .....	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Ulcer, .....	..	..	..	..	..	..	..	..	1	..	..	..	..	..
i. Malarial Fever; ii. Cardiac Syncope, .....	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Heart Disease, .....	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Tumour of Uterus,.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Uraemia, .....	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough, .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bullet Wound, .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total,.....	9	4	1	11	1	9	56	3	88	121	48	..	3	17

REMARKS.

Italian Convent.

Convulsions,.....	4
Trismus Nascentium,.....	23
Fever, Simple Continued,.....	7
Marasmus, .....	5
Lung Disease, (Chronic), .....	3
Dropsy, Nature of Unascertained,.....	4
Worms,.....	1
Ulcer, .....	1

Asile de la St. Enfance.

Convulsions, .....	6
Trismus Nascentium,.....	24
Diarrhœa, (Chronic), .....	4
Fever, Simple Continued,.....	17
Dysentery, .....	1
Lung Disease, (Chronic), .....	2

54

48

MONTH ENDING THE 30TH DAY OF JUNE, 1889, AND THEIR CAUSES.

CHINESE COMMUNITY.								TOTAL AT THE DIFFERENT AGE PERIODS.							GRAND TOTAL.
KAULUNG DISTRICT.		SHAUKIWAN DISTRICT.		ABERDEEN DISTRICT.		STANLEY DISTRICT.		Under 1 Month.	Over 1 & under 12 Months.	Over 1 & under 5 Years.	Over 5 & under 15 Years.	Over 15 & under 45 Years.	Over 45 Years.	Age Unknown.	
Land Population.	Boat Population.	Land Population.	Boat Population.	Land Population.	Boat Population.	Land Population.	Boat Population.								
5	1	...	1	...	...	...	...	...	32	38	4	...	...	...	74
...	...	...	...	...	...	...	...	46	1	...	...	...	...	...	47
...	...	...	...	...	...	...	...	...	1	1	4	9	7	...	22
3a	2a	3a	1a	2	...	...	...	...	1	11	...	...	6	...	18
9	10	...	...	1	2	...	...	2	8	16	4	13	8	...	51
...	...	6	3	...	...	...	...	...	...	...	7	10	3	...	20
...	...	...	...	...	1	...	...	...	...	4	3	19	5	...	31
...	...	...	...	...	...	...	...	...	1	2	1	...	...	...	4
1	...	...	...	...	...	...	...	5	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	4	1	...	...	...	...	...	5
6	6	2	3	2	4	...	...	...	...	5	3	37	39	...	84
...	1	...	...	...	...	...	...	10	3	...	1	2	...	...	16
...	...	...	...	...	...	...	...	...	...	...	...	6	2	...	8
...	...	...	...	...	...	...	...	...	1	2	1	2	7	...	13
...	...	...	...	...	...	...	...	...	...	...	...	7	1	...	8
...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	4	...	1	5
...	...	...	...	...	...	...	...	...	...	...	1	4	...	1	8
...	...	...	...	...	...	...	...	...	...	1	1	4	2	1	8
...	4	...	...	...	...	...	...	...	...	1	1	4	1	1	8
...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2
...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	3
1	1	...	...	1	...	...	...	...	...	...	...	...	4	...	4
...	...	...	...	...	2	...	...	...	...	...	...	1	1	...	2
...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	2
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1
27	25	12	8	6	9	...	...	67	53	81	32	132	90	3	458

a. Acute.

c. Chronic.

## REMARKS.

## Tung Wa Hospital.

Convulsions, .....	19
Dysentery, (Acute), .....	6
" (Chronic), .....	7
Lung Disease, (Chronic), .....	25
Intermittent Fever, .....	22
Beri-beri, .....	4
Dropsy, Heart Disease, .....	2
Dropsy, Nature of Unascertained, .....	5
Insanity, .....	1

## Alice Memorial Hospital.

Renal Disease, .....	1
i. Difficult labour; ii. Puerperal Feve	1
	2

STATEMENT SHOWING THE DEATH-RATE IN THE DIFFERENT REGISTRATION DISTRICTS  
DURING THE MONTH ENDING 30TH JUNE, 1889.

British and Foreign Community.—Civil Population, .....		16.5	per 1,000 per annum.
Chinese Community.—Victoria District,—Land Population, .....		31.9	} " "
"	" " Boat " .....	9.8	
"	Kaulung " Land " .....	24.8	} " "
"	" " Boat " .....	60.0	
"	Sháukiwán " Land " .....	29.5	} " "
"	" " Boat " .....	24.0	
"	Aberdeen " Land " .....	28.8	} " "
"	" " Boat " .....	30.9	
"	Stanley " Land " .....	—	} " "
"	" " Boat " .....	—	
"	The whole Colony, Land " .....	31.0	} " "
"	" " Boat " .....	20.6	
"	" " Land and Boat Population, .....	29.0	" "

HUGH MCCALLUM,  
*Secretary.*

SANITARY BOARD ROOM,  
HONGKONG, 10th July, 1889.

STATEMENT SHOWING THE DEATHS RECORDED UNDER THE DIFFERENT GROUPS OF DISEASES FOR EACH MONTH OF THE CURRENT YEAR.									DEATH-RATE RECORDED PER 1,000 PER ANNUM.			
1889.	CONVULSIVE DISEASES.		Throat Affections.	Chest Affections.	Bowel Complaints.	Fevers.	Other Causes.	TOTAL.	British and Foreign Community, Civil Population.	CHINESE COMMUNITY.		
	Under one Month.	Over one Month.								POPULATION.		
									Land.	Boat.	Land & Boat.	
Month of January,.....	48	19	...	84	30	63	68	312	23.9	21.5	10.8	19.5
" February, .....	41	35	1	72	19	46	74	288	27.6	19.8	8.7	17.7
" March, .....	37	51	2	79	20	54	62	305	22.0	21.5	9.4	19.2
" April, .....	39	58	1	71	19	62	79	329	16.5	22.0	16.4	20.9
" May, .....	59	77	...	72	23	89	103	423	25.6	29.9	12.6	26.5
" June, .....	51	75	...	85	43	110	94	458	16.5	31.0	20.6	29.0

HUGH MCCALLUM,  
*Secretary.*

SANITARY BOARD ROOM,  
HONGKONG, 10th July, 1889.