Annual report of the Medical Department / Colony of the Gambia.

Contributors

Gambia. Medical Department.

Publication/Creation

London: printed by Waterlow, [1928]

Persistent URL

https://wellcomecollection.org/works/y588zgrm

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection 183 Euston Road London NW1 2BE UK T +44 (0)20 7611 8722 E library@wellcomecollection.org https://wellcomecollection.org TROPIONE MEDICINE

COLONY OF THE GAMBIA.

C

THE ANNUAL MEDICAL & SANITARY REPORT

FOR THE YEAR 1928.



Price 5/-

PUBLISHED BY THE CROWN AGENTS FOR THE COLONIES, 4, MILLBANK, LONDON, S.W. 1. 1929. LOHOOMSCHOOLOFHYCISHS
AND
TROPICAL MESICINE
LIBRARY

22491

COLONY OF THE GAMBIA.

THE ANNUAL MEDICAL & SANITARY REPORT FOR THE YEAR 1928.

Price 5/-

PUBLISHED BY THE CROWN AGENTS FOR THE COLONIES, 4, MILLBANK, LONDON, S.W. 1. 1929.

ENCLOSURE IN GAMBIA DESPATCH No. 157 OF 12TH JULY, 1929.

MODEL MEDICAL AND SANITARY REPORT, 1928.

14th May, 1929.

SIR.

I have the honour to submit for the information of His Excellency the Governor and for transmission to the Right Honourable the Secretary of State, the Medical Report on the Health and Sanitary Conditions of The Gambia Colony for the year 1928, together with the Returns, etc., appended thereto.

I have the honour to be,

Sir,

Your obedient servant,

K. B. ALLAN, Senior Medical Officer.

THE HONOURABLE,

THE COLONIAL SECRETARY.

[228077] IA

ANNUAL MEDICAL AND SANITARY REPORT

FOR THE

YEAR ENDED 31ST DECEMBER, 1928.

1. ADMINISTRATION.

(a) STAFF.

(i) APPOINTMENTS.

Miss J. Roberts acted as Senior Nursing Sister December 28-31.

(ii) Promotions.

Nil.

(iii) Transfers.

Dr. Rae, Medical Officer, Bathurst to Georgetown, May 16th.

Georgetown to Bathurst, August 2nd.

Georgetown to Bathurst, October 4th.

Bathurst to Georgetown, October 31st.

(iv) PROCEEDED ON LEAVE.

Dr. G. E. Craig, Medical Officer, September 13th. To be transferred to Nigeria.

Dr. J. C. Cruickshank, Medical Officer, January 20th.

Dr. S. G. Harrison, Medical Officer, April 27th.

Dr. F. A. Innes, Medical Officer of Health, May 26th.

Miss M. Thompson, Senior Nursing Sister, December 28th.

Miss T. Grant, Nursing Sister, April 14th.

Mr. F. A. Wilford, Assistant Sanitary Inspector, July 14th.

(v) RESUMPTION OF DUTY.

Dr. J. C. Cruickshank, Medical Officer, May 24th.

Dr. S. G. Harrison, Medical Officer, August 17th. Stationed in the Protectorate.

Miss J. Roberts, Nursing Sister, April 5th.

Miss T. Grant, Nursing Sister, September 7th.

Dr. F. A. Innes, Medical Officer of Health, November 29th.

Mr. F. A. Wilford, Assistant Sanitary Inspector, November 3rd.

(b) List of Ordinances affecting Public Health enacted during the year 1928.

ORDINANCES.

No. 6. The Dangerous Drugs, 16th April, 1928.

RULES AND REGULATIONS.

No. 5. The Dangerous Drugs, 30th May, 1928.

(c) FINANCIAL.

MEDICAL DEPARTMENT.

		Estimated.	Actual.		Deficit.		
Revenue Expenditure Saving				£ 350 16,168 £1,074 6s.	£ s. 274 17 15,093 13 8d.	5	£ s. d. 75 2 7

PUBLIC HEALTH DEPARTMENT.

		Estimated.	Actual,	Excess,		
Revenue Expenditure Saving	 	£ 1,450 10,293 £137 5	£ s. d. 1,583 14 11 10,155 14 10 os. 2d.	£ s. d. 133 14 11		

MISCELLANEOUS SERVICES.

and the same and	1		Estimated.	Actual.
Contributions to Medical Funds Saving		 	£400	£360

COLONY.

				Estimated.	Actual.			
Total Revenue Total Expenditure	 ***	 ***	:::	£ 241,821 280,074	£ 8. 255,384 12 250,595 15	11		

The actual expenditure of the Medical and Sanitary Departments is approximately one-ninth or 10-07 per cent. of the total actual expenditure of the Colony. The estimated expenditure is approximately one-tenth or 9.41 per cent. This does not include Miscellaneous Services.

			MEDICAL	DEPARTMENT.	PUBLIC HEALTH DEPARTMEN			
			Actual Revenue.	Actual Expenditure.	Actual Revenue.	Actual Expenditure.		
1924			£ s. d. 348 6 2	£ s. d. 12,323 5 11	£ s. d. 1,251 12 0	£ s. d. 8,847 14 7		
1925	***		253 12 7	12,955 8 11	1,201 13 11	9,466 13 11		
1926	***		324 1 3	14,168 5 10	1,222 7 10	9,329 18 3		
1927	***		332 14 2	14,204 10 5	1,517 1 9	9,982 1 11		
1928		***	274 17 5	15,093 13 4	1,583 14 11	10,155 14 10		

II. PUBLIC HEALTH.

(a) GENERAL REMARKS.

General Diseases.

Diseases of the Respiratory and Digestive Systems are the most prevalent—particularly Bronchitis, Pneumonia, Dyspepsia, Enteritis, Constipation and Diarrhoea. The Respiratory System diseases occurring mostly during the cold season in January to March and the Digestive System diseases during the rains June to October.

Rheumatism is also prevalent during the October to December quarter. Skin diseases, especially Ulcer, continue to be very prevalent at all seasons of the year.

(2) Communicable Diseases.

(1) Mosquito or Insect-Borne.

- (i) Malaria.—2,281 recorded cases treated, and is most prevalent from June to December.
- (ii) Trypanosomiasis.—61 cases recorded and all acquired infection in the Protectorate.
- (iii) Yellow Fever .- 5 cases notified, 4 fatal.
- (iv) Blackwater Fever.—Only one case occurred.
- (v) Filariasis. 9 cases recorded.

(2) Infectious Diseases.

- (i) Influenza.—507 cases recorded; occurs throughout the year.
- (ii) Measles.—32 cases notified.
- (iii) Whooping Cough.—55 cases occurred.
- (iv) Small Pox.—13 cases treated in the Infectious Diseases Hospital, Bathurst, and other cases occurred in the Protectorate.
- (v) Dysentery, Amoebic.—20 cases reported, only 2 occurred in Bathurst.
- (vi) Tuberculosis.—Pulmonary and other tissues, 69 cases.
- (vii) Leprosy.—47 cases reported but there are many more cases in the Protectorate that do not seek Medical treatment.
- (viii) Yaws.—70 cases have been treated at the Hospitals.
- (ix) Tetanus.—17 cases recorded.
- (x) Septicamia.—6 cases noted.
- (xi) Syphilis.-38 cases treated.) This must be a very small pro-
- (xii) Gonorrhαa.—101 cases treated.) portion of the cases that occur.

(3) Helminthic Diseases.

- (i) Ascariasis.—320 cases seen.
- (ii) Taeniasis.-46 cases recorded.
- (iii) Guinea Worm.—2 cases recorded.

The cases reported above are only those treated at the Government Hospitals. Cases dealt with in private practices and in Government Dispensaries by African Dispensers are not included.

DEATHS.

March Quarter.	June Quarter.	September Quarter.	December Quarter.
1927 72 1928 88	80 101	100 124	105 118
PREVALENT DISEASES.			THE RESIDENCE
1927—Malaria, Diarrhœa, Bronchitis.	Influenza, Diarrhœa, Conjunctivitis.	Malaria, Influenza.	Malaria, Bronchitis, Constipation.
1928—Dyspepsia. Constipation, Bronchitis, Influenza, Malaria.	Bronchitis, Diarrhœa, Constipation, Rheumatism, Pneumonia.	Influenza, Diarrhœa, Malaria, Constipation, Bronchitis, Pneumonia.	Bronchitis, Influenza, Constipation. Malaria, Rheumatism.
PRINCIPAL CAUSES OF DE	ATHS.		
1927—Diseases of Respiratory	Diseases of Respiratory System 24	Diseases of Respiratory System 36	Diseases of Respir- atory System 30
System 32 Diseases of Digestive System 10	Diseases of Diges- tive System 11	Diseases of Circulatory System 13	Malaria 18
1928—Diseases of Respiratory System 30 Diseases of Circulatory System 12	Diseases of Respiratory System 27 Diseases of Circulatory System 11	Diseases of Respiratory System 46 Diseases of Circulatory System 12 Malaria 7	Diseases of Respiratory System 45 Diseases of Circulatory System 35 Diseases of Digestive System 11 Malaria 9 Yellow Fever 4

VITAL STATISTICS.

(1) GENERAL NATIVE POPULATION (BATHURST ONLY).

Estimated population 10,473.

Total births 263.

Birth rate, 25.11 per mille.

Total deaths, 407.

Death rate, 36.86 per mille.

Infant mortality rate 395 per mille.

Note i. Excess of deaths over births, 144.

ii. Still births, 56 (not included in any rate or total).

Registration is compulsory and reliable for Bathurst.

ACTUAL DEATHS 1928, EXCLUDING STILL BIRTHS.

		Adult.	Infant.	Total.
January—March	 	 70	18	88
April—June	 	 67	23	90
July—September	 	 81	30	111
October—December	 	 85	33	118
SEPTEMBER ALONE	 	 30	18	48
OCTOBER ALONE	 	 32	15	47

(2) GENERAL EUROPEAN POPULATION.

(Excluding Government Officials.)

Estimated					 	119
Total Births					 	Nil
Birth Rate					 	Nil
Total Deaths					 	5
Death Rate					 	42·16 per mille.
Percentage of Dea	aths to	o Popu	lation		 	4.20 per cent.
Total Invalidings					 	3
Percentage of Inv	alidin	gs to I	Populat	ion	 	2.52 per cent.
Total Sick					 	42
Percentage of Sic.	k to F	opulat	ion		 	35·29 per cent.
Causes of Invalid	ing				 	Trypanosomiasis (1)
						Blackwater Fever (1) Malaria (1)
Causes of death		•••	•••		 	Yellow Fever (2) Malaria (2)
						Influenza (1)

Prevalent Diseases :-

Malaria, 20. Influenza, 11.

The greatest number of cases of sickness occurred in the October to December quarter—16, which included 2 cases of Yellow Fever, both fatal; 9 cases of Malaria, 1 fatal; 1 case Blackwater, which was invalided, and 1 fatal case of Influenza.

There were 10 cases of sickness in the May to June quarter, 9 cases during July to September, and 7 in the January to March quarter.

(3) European Officials.

There were 38 cases on the sick list; of these 36 were males. Malaria and Influenza accounted for most of the cases—10 and 6 respectively. The greater number of cases occurred in January and September with 6 cases each and November with 5. No cases reported in August and only 1 in May. 12 cases admitted to Hospital and 26 were sick in Quarters.

There were 2 cases left over from 1927, and 1 case remaining on 31st December, 1928.

The longest period any one official was on sick list was 41 days, the shortest period 1 day.

Malaria occurred in September, 3 cases; January and February, 2 each; March, July and November, 1 each.

Influenza occurred in April, 3 cases; September, 3; November, 1; 3 cases reported from the Protectorate and 7 from Cape St. Mary, the remainder occurred in Bathurst.

[228077]

TABLE SHOWING THE SICK, INVALIDING AND DEATH RATES OF EUROPEAN OFFICIALS.

			1926.	1927.	1928.
Total number of Officials resident			72	72	72
Average number resident		***	50	53	48
m · i i O' i T' ·			60	60	38
m			397	462	336
4 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		***	1.08	1.26	-91
Percentage of Daily sick to average number resid	lent		2.16	2.37	1.89
Average number of days on Sick List for each Pa	tient		6-61	7.70	8.84
			7.94	8.71	7.00
n . 1 1 1 1 1 1			2	6	1
D			2.7	8.33	1.39
m . 1 1		***	_	_	_
D . CD .1					W 1
,, ,, average number re					
Number of cases of sickness contracted away from	reside	ence	OF SERVICE		1000
Percentage of Sick to average number resident			120	113-20	75.83

Cause of Invalidings:-Influenza (Debility).

(4) African Officials.

									500000
Reported Sick									1,787
Total on Sick List									712
", ", Medicine					***				1,075
" Treated in	Hospital		***		***				70
,, ,, ,,	Quarters								642
Number of Sick r	emaining	from	1927						6
Howital	- Internation	HOIII	1021	***					- 20
Hospital	***		***	***					3
Quarters									3
Number of Sick re	emaining	on 31	st Dece	mber.	1928				4
Hospital	0								1
Organia			***	***				***	
Quarters	***	***		***				***	3
Out of the above	totale								
			1 00 1						0.4
Female African O	meials re	porte	1 Sick	***		***	***		64
	Total on	Siel	List						20
					***		***	***	
	,, M	edicin	e and I	Juty					44
The longest numb	er of day	vs anv	one O	fficial v	vas on	Siek Li	st		69

The greatest number of cases on the Sick List occurred in October, 97; April, 72; June, 68; July, 67; September, 64.

The least in December, 31.

Prevalent Diseases.—Malaria, 198, Influenza, 107; Bronchitis, 100; Diarrhœa, 53; Rheumatism, 35; Catarrh, 33; Abscess, 24; Injury, 20; Colic, 17.

Malaria was most common during October, 45 cases; in June, 28 cases; November, 22; August, 19; July, 16; May, 15; September, 14.

Influenza occurred chiefly in July, 27 cases; October, 23; September, 19; April, 13.

Bronchitis most prevalent during April, 16 cases; February, 15; January, 14; March, 13.

Diarrhœa occurred in May, 8 cases; April, 7; June, September and October, 6 each.

Rheumatism in June, 6 cases; August, 5 cases.

TABLE SHOWING THE SICK, INVALIDING AND DEATH RATES OF AFRICAN OFFICIALS.

The state of the s			1926.	1927.	1928.
Total number of Officials resident			288	324	317
Average number resident			258	295	287
Total number on Sick List			669	669 +	712
Total number of days on Sick List			3,411	2,948	2,708
Average daily number on Sick List			9.34	8-07	7-39
Percentage of Daily sick to average number re			3.62	2.73	2.56
Average number of days on Sick List for each :			5-09	4.40	3.80
Average sick time to each resident			13.22	9-99	9.43
Total number invalided			10	6	1
Percentage of Invalidings to total residents			3-4	1.85	-31
Total deaths			2		4
Percentage of Deaths to total residents			_		1.26
arrange number			_	-	1.35
Number of cases of sickness contracted away fro	m resid	lence			_
Percentage of sick to average number resident	t		237-29	226-77	248-08

Cause of Invaliding: - Cardiac Disease.

Causes of Death: - Endocarditis, Influenza, Malaria, Pneumonia.

III. HYGIENE AND SANITATION.

A

Malaria.—This disease is returned for the death of 6 adults and 15 children under 5 years, a considerable drop in both divisions from 1927, but still far too many. It is impossible to estimate the additional number in which malaria is the death determining factor. Blackwater fever of course and some nephritis cases fall into this category, and probably many stillbirths are to be set down also to malaria.

Five cases of malaria were treated in the Prison hospital.

Trypanosomiasis.—Accounts for 13 deaths, the average age of cases being 28. It is not conceivable that a single infection occurs in Bathurst, and the disease is mostly well established before the victims return from the Protectorate with it.

Yellow Fever.—Owing to the wide and prolonged prevalence of this disease in Senegal during 1927, the task of excluding it from the Gambia year after year became a matter of concern and uncertainty. A special effort to secure substantial reduction of insect carriers was inaugurated in April, 1928. Unfortunately zeal flagged. In November two Europeans and one African died of Yellow Fever and one African case recovered. Another African case proved fatal in December. There were other suspected cases. The first four cases were associated with trading premises which turned out to be badly infected with Steg. fasciata. Thorough fumigation with sulphur of all the premises implicated brought the trouble sharply to an end. The first case occurred on November 7th: and twenty days quarantine after the last case (December 4th) expired on December 24th. The source of the outbreak is unknown.

We have in Bathurst two proved and two probable vectors of Yellow Fever—Aedes irritans, Aedes luteocephalus, Aedes vittatus (? = A punctothoracis Theo) and Aedes argenteus. The last named is the notorious Stegomyia fasciata. It is by far the commonest mosquito in Bathurst, presumably the only carrier of the disease here, wholly domestic, and therefore easiest of suppression. As long as its presence continues to be accepted with comparative nonchalance by magistrate and citizen so long will the town and colony suffer the pains and expenses of outbreaks and quarantines.

[228077]

Plague.—During 1928 some 288 ocean going vessels were inspected. Ordinary measures of precaution at wharves and sheds were taken. No case of rats infection has been found. Some 6,532 rodents were disposed of by the Public Health Department, roughly 18 per day. The possibility of plague outbreak in Gambia is never remote as it is so frequently reported along the Senegal littoral as well as inland.

Smallpox.—During the year 13 cases were isolated and treated in the Infectious Diseases Hospital. Of these seven were smallpox and two others doubtful. No death occurred. Considerable progress has been made with the building of a substantial hospital for infectious cases. It will prove a great boon to patients and staff. Smallpox must be reckoned as endemic in the Protectorate but infection is also frequently carried over the border from Senegal. This latter happened during March in Central Badibu, where 75 deaths, all children, occurred. During the second and third quarters of the year many cases were reported on both sides of the River. During October 279 further cases were reported from North Bank Province. It is no doubt difficult to keep vaccine lymph useful in the interior. Frequent and extensive outbreaks of the disease show that our protection by vaccination is still very far from complete and more organised work is called for.

Tuberculosis.—The number of deaths from tuberculosis is 23, including 19 pulmonary, 2 abdominal and 2 miliary. The average age at death was 39 years. The recorded deaths are five fewer than in 1927.

Diseases of respiratory system (excluding pulmonary tuberculosis) account for 21.86 per cent. of all deaths, the corresponding figure for England and Wales for 1924 being 17.4 per cent.

Pneumonia alone contributes 14.00 per cent. and pulmonary tuberculosis itself, 4.66 per cent. Two cases of pulmonary tuberculosis occurred among the prisoners, one proving fatal, the other remaining under treatment at year end.

Dysentery.—Is not as common a disease in Bathurst as might be expected. One fatal case occurred in the Prison Hospital. Diarrhea and Enteritis however account for 15·4 per cent. of the infant mortality and for 4·3 per cent. of adult deaths.

Typhoid is never reported.

One death occurred from ascariasis (age 11 years).

Taeniasis is common.

В.

GENERAL MEASURES OF SANITATION.

The question of nightsoil disposal is still unsettled. A very limited pail system is in use, public latrines serving a considerable section of the community. They are subject to disgraceful misuse and it is most difficult to effect any noticeable improvement from year to year.

Scavenging continues to be done by horsecarts which twice weekly remove rubbish from yard bins. The material undergoes rough sorting at the dump by the swampside, combustibles being burned and incombustibles pushed within tide range. Owing to smoke nuisance however, burning was discontinued during the rains, and the deposited rubbish was simply covered with sand and mud. It is recognised that this is too dangerous a practice to continue. No ground so "made" can be made use of until decomposition and sinkage are complete; sometimes the whole process has to be repeated twice or thrice on the same area.

Drainage calls for an expenditure of skill, time and money that has so far not been given to it. Local patching is grudgingly done or refused as useless and we must wait, it seems, until the Public Works "reclamation scheme" achieves our salvation.

Water Supply.—Improvement of our water supply is becoming an urgent matter. Heavy deposits of hydrated ferrous oxides seem to form and collect; and the water drawn from some taps all the time, and from others on many occasions, is useless until it is allowed to "settle." The reasons are being investigated and some remedy must be found and applied.

School Hygiene.—School children in Bathurst are medically inspected twice yearly. Between 63 and 70 per cent. of the 1,650 on the various rolls were examined on one or other occasion. Malaria and intestinal worms (latter noted at outpatients department) are believed to account for a certain amount of anemia observed. About 22 per cent. still require vaccination. Between 20 and 28 per cent. showed palpable spleens; 9 per cent. required dental treatment. Glossitis, stomatitis and conjunctivitis were common. Ringworm was found in almost all the schools, 2·3 per cent. The general physique of the children was found to be good.

Beri-Beri.—Two deaths from this disease appear in the town returns. Among 256 prisoners three cases occurred in the beginning of the year, but all recovered after an average treatment of 46 days. These appear to have been of the usual type and it is difficult to explain their occurrence in the absence of any change in diet or method of its preparation. Two deaths from pneumonia also occurred among the prisoners.

C.

TRAINING OF SANITARY PERSONNEL.

Refresher courses which include lectures, demonstrations and examinations are conducted from time to time both to stimulate interest and honourable ambition and to settle the granting or withholding of increment in salary. It is believed that a general but slow improvement is observable.

During the year notices and summonses had to be all too frequently issued: for various infringements of sanitary law there were 108 convictions in Court.

IV. PORT HEALTH WORK AND ADMINISTRATION.

During the year 288 ocean going vessels were boarded and passengers (mainly deck) were inspected, but no case of dangerous disease was encountered. The ordinary precautions by rat guards etc., were maintained.

V. MATERNITY AND CHILD WELFARE.

The subjoined table shows the Clinic figures for 1928 and the previous year's figures are given for comparison.

	Month.		th.			Ante Natal Weighing Clinic.		Sick Infant Visits.	Live Births.	Waiting List.																			
January					117	295	175	24	_																				
	ebruary					86	365	212	16	_																			
March						94	431	206	29																				
April						71	424	207	12	_																			
May June						110	540	271	16	-																			
						55	477	274	13	-																			
				***		108	596	412	11																				
August														***	***	***	***	***	***						115	500	299	7	
Septem						124	514	428	13																				
October						199	530	418	12																				
Noveml	er					140	402	256	18																				
Decemb	er					139	326	221	21	-																			
192	8 Tot	al				1,358	5,400	3,379	192	88																			
192	7 Tot	al				939	4,231	2.248	171	86																			

Live Births, 1928 19	2
Still Births (and miscarriages), 1928 2	1 i.e., 109 per 1000 live birth (includes 3 twin and 1 triple births).
Total 21	3
	1928 1927
Infant mortality rate per mille .	114 88
Tetanus	Nil. 1
Ophthalmia Neonatorum	1 (recovered) 0
Post Partum Sepsis	
A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 (specific) 0
Deaths of infants born under super vision of Clinic, as far as can be traced Figure includes cases just rescue	r- I. d
by treatment from still birth an others of neglect of clinic treatmen	
Otherwise connected with the Clinibrought from Kombo, River, etc	
Number of Infants on weighing Registe	
Number of visits paid by Africa Nurses after confinement	

Maternal Deaths.—1 (twins) the mother died in Victoria Hospital. These figures show an increase in almost all respects, unfortunately, even in the infant mortality rate which is 114 as against 88 of 1927. But when town practice is included the rate rises to 395: Tetanus occurred only among the non-clinic town confinements, ten fatal cases in 71 births. It is a great matter therefore that the clinic staff have conducted 81 per cent. of the confinements with no mishap.

There are five facts which ought to be stated as showing how much better things might be, especially as regards infant life:—

- The infant deaths total 25.55 per cent. of all deaths.
- 2. The infant mortality figure, 395, means that practically two children die within one year of life out of every five born.
 - 3. The actual excess of deaths over births in Bathurst is 144.
 - The still birth rate is 213 per 1000 live births.
 - 5. The average age at death of all persons dying in Bathurst in 1928 was 33.06 years. From (1) and (2) such a figure is to be expected. It is interesting to contrast this with e.g., the average age at death in a population like that of Aberdeen which was 49.1 for 1927.

(Sgd.) FRANK A. INNES, Medical Officer of Health.

VI. HOSPITAL, DISPENSARIES AND VENEREAL CLINICS.

(a) RECORD OF WORK AND PREVAILING DISEASES.

(1) VICTORIA HOSPITAL—BATHURST.

(a) In Patients.

Remaining in Hosp	pital from	1927		 	40
Admissions				 	793
Total Cases treated	d		***	 	833
Total Deaths				 	84
Remaining in Hos		nd of 19	928	 	38
Operations perform	ned			 	162

Prevalent Diseases:—Malaria, 96; Influenza, 44; Hernia, 39; Pneumonia, 35. Abscess, 34; Bronchitis, 33.

(b) Out-Patients.

Total treated		i	***	 T	 16,740
Prevalent Diseases: -					
Bronchitis				 	 3,849
Constipation				 	 1,862
Malaria				 	 1,504
Injuries				 	 764
Diarrhœa				 	 745
Rheumatism				 ***	 693
Gastritis				 ***	 681
Ulcer				 ***	 506
Ascariasis				 	 488
Colitis				 	 476
Abscess				 	 464
Conjunctivitis			***	 	 450
Influenza				 	 340
Diseases of teet	h and	mouth		 	 315

		In-Patients.	Out-Patients.	Operations.
1923	 	596	8,712	51
1924	 	597	13,591	60
1925	 	750	16,502	82
1926	 	761	*9,142	110
1927	 	788	13,799	144
1928	 	793	16,740	162

^{*} Figures in Out-Patient Register incorrect.

(c)	Official Visits by Appointment	nt	 	3
(d)	Autopsies performed		 	17

(e) Maternity Cases treat	TED AT	THE VICT	ORIA HOSPI	TAL—BA	THURST.
Total (Cases .		17		
Normal Cases Lacerated Perineum Eclampsia Still Birth Placenta Prævia Delayed Birth Version Premature Birth	6 1 5 1 6 1 6 1	Induce Ante P Forceps Twins I Male Cl	e Inertia d Labour artum Hæme s Delivery both female hildren Children	orrhage 	1 1 5 2 10 9
	Total	Cases.			
1924 1925 1926 1927 1928			16 21 16 17 17		
In-Patients				. 43	
Out-Patients				. 375	
(3) Maternity and	CHILD '	Welfare (CLINIC—BAT	HURST.	
Antenatal Attendance	е			. 1,358	
Weighing Clinic				. 5,400	
Sick Infants Attenda	nce			. 3,379	
Live Births				. 192	
Still Births				. 21	
	CLINIC	ATTENDAN	CES.		

Years.	Ante Natal.	Sick Infants.	Weighing Clinic.	Births.	Live Births.	Still Births.	Tetanus.	Ophthalmic.	Sepsis.	Waiting List.	No. of Infants on Weighing Register.	No. of Infants Attending Regularly.	Visits Paid by African Nurses after Confinement.	Death of Children under Supervision of Clinic.
1925	818	1,601	963	162	87	15	Nil	Nil	Nil	73	119	63	918	3
1926	864	2,651	1,275	161	148	13	_	_	1	102	240	159	1,422	8
1927	939	4,231	2,248	191	171	20	1	-	_	86	374	155	1,830	15
1928	1,358	5,400	3,379	213	192	21	Nil	1	1	88	395	165	2,080	28
	3,979	13,883	7,865	667	598	69	1	1	2	349	1,128	542	6,250	54

COMPARATIVE STATEMENT OF BIRTHS AND DEATHS.

Years.	Total Live Births.	Total Deaths.	Births in Excess.	Deaths in Excess.	Deaths under 5 years.	Deaths under I year.	Deaths under I week.	Deaths under 24 hours.	Still Births.	Infantile Mortality rate per mille.	Birth Rate per mille.	Death Rate per mille.	Total Population.
1901	348	380	-	32		NOT	RECO	RDED			25-86	28-24	13.456
1902	403	410	-	7	139	59	24	23	36	263	29-80	30-48	13,456
1903	408	495	-	87	158	73	20	7	45	245	30.32	36-71	13,456
1904	371	408	-	37	146	74	21	19	39	307	27.60	30.34	13,456
1905	331	376	-	45	132	61	20	10	24	274	24.60	27.94	13,456
1906	338	359	-	21	102	43	12	14	31	204	25.12	26.60	13,456
1907	326	386	-	60	126	56	22	11	13	266	24.23	28-69	13,456
1908	351	387	-	36	155	77	23	-	32	284	26.08	28-99	13,456
1909	339	330	9	-	101	50	11	17	24	230	25.19	24.52	13,456
1910	363	385	-	22	40	68	34	11	27	311	27.05	28-61	13,456
1911	306	318	-	12	29	43	15	1	28	127	23.26	24-17	13,157
1912	303	336	-	33	42	66	6	-	26	354	23-02	25.54	13,157
1913	292	335	-	43	20	50	22	3	29	295	22-19	25.46	13,157
1914	306	342	-	36	27	59	16	5	27	263	23.10	25.99	13,157
1915	249	266	1	17	40	58	18	1	30	308	18.92	22.49	13,157
1916	292	284	8		46	54	10	9	22	253	37.92	36.88	7,700
1917	307	332	-	25	22	59	13	-	30	237	36-22	39-12	8,474
1918*	218	617	-	399	89	140	17	-	45	724	25.72	72-31	8,474
1919	216	257	-	41	30	64	18	4	42	402	25.48	30.32	8,474
1920	205	369	500	164	59	92	15	5	44	546	24-19	43.54	8,474
1921	222	337	-	115	60	80	25	6	62	504	24-05	36.52	9,227
1922	295	437	-	142	56	117	22	9	50	502	31.38	46.51	9,395
1923	255	412	-	157	35	98	24	5	52	598	26.65	43.06	9,567
1924	291	513	-	222	115	108	28	1	57	471	29.87	52-66	9,741
1925	262	329	-	67	7	112	72	T	48	427	22.41	33-17	9,919
1926	281	335		54	No	100	No	No	42	355	27-82	33-16	10,100
1927 1928	278 263	357 407	-	79 144	E.	88	Real	No Record	45 56	316 395	27-03 25-11	34·71 38·86	10,283 10,473
1920	200	401	-	144		104	1	1	1 00	939	20.11	90.00	10,413

* Influenza Epidemic.

Registration of Births and Deaths compulsory and reliable.

Figures only apply to the Town of Bathurst Infantile Mortality figures based on deaths under one year.

Population—1921 Census: Europeans, 265; Africans, 8,962; Total, 9,227.

(4) INFECTIOUS DISEASES HOSPITAL-BATHURST. Admissions 13 (5) QUARANTINE COMPOUND. Admissions 55

(6) DESTITUTE HOME -BATHURST.

						Males	Females.	Total.
Remaining is	n Hom	e from	1927	 	 	6	4	10
Admissions				 	 	30	4	34
Discharges				 	 	7	Nil.	7
Ran away				 	 	3	Nil.	3
Died				 	 	17	4	21
Remaining o				 	 	9	4	13
Average dail				 	 	7.09	4.31	11-40

(7) GAMBIA COMPANY, ROYAL WEST AFRICAN FRONTIER FORCE. DISPENSARY—CAPE ST. MARY.

Out-Patients Morning Sick Parade 1,009
Patients sent to Bathurst Hospital 69

Greatest number of attendances during January, February, September and October.

(b) IMPROVEMENTS EFFECTED AND RECOMMENDED.

1. Victoria Hospital, Bathurst.—The present main building needs to be thoroughly renovated. Nos. 6 and 7 Wards should be pulled down.

The Mortuary requires to be moved from its present site to the west corner on Clifton Road. New building to be sunproof.

A new ward of thirty-two beds for Africans, sixteen medical and sixteen surgical to be erected on the site now occupied by No. 6 Ward and the Mortuary.

It is not necessary to have separate Wards for Dysentery cases as there have only been seven cases recorded during the last three years.

The present Dispensary and Out-Patient rooms can be used as a Casualty room and Store rooms.

A new Out-Patient building has been approved for 1929.

A new office and store is necessary and could be built at the east corner on Clifton Road and could with advantage include the Public Health office.

The present office to be altered for Dispensers' quarters and the present store to be subdivided to form stores and pantries for the European Nursing Sisters.

A double garage for the Nursing Sisters has been provided. No. 2 bungalow, East and West, should be allocated to the two Medical Officers.

The Old Military Hospital could be made adaptable and turned into a European Hospital.

The operating Theatre floor requires to be relaid with new tiles.

- 2. Maternity and Child Welfare Centre.—The new Branch Clinic was completed and opened in December, 1928. The top floor of 54, Leman Street, should now be altered and made suitable for a Sick Infants' Ward.
- 3. Infectious Diseases Hospital.—The new Hospital is nearly completed and should be ready by June, 1929.
- 4. Quarantine Station.—This is necessary and should be built on the land on the left hand side of the Cape Road near Denton Bridge or the present prison should be handed back as a quarantine station and a new prison constructed.
- 5. Prison.—A padded cell is recommended and the ward should be separate from the examination room and Dispensary.

Lunatics should not be kept in the Prison. A separate small building should be made to contain lunatics. There is no Asylum in the Colony, lunatics are usually sent to Freetown.

- 6. Gambia Company, Royal West African Frontier Force, Cape St. Mary. The same recommendation is made as was recorded in the 1927 Report.
 - 7. Destitute Home.—A new building is required as recommended in 1927.
- 8. Georgetown Hospital.—A new bungalow for the Medical Officer is necessary.

Hospital should be enlarged, with additional accommodation for Mortuary, Operating Theatre, Dispensary and Consulting Room.

A caravanserai near the hospital is recommended.

Two huts have been built for lepers.

- 9. Ka-Aur and Basse Dispensaries.—Both require extensive repairs and additional accommodation.
- 10. A building should be erected at Cape St. Mary suitable for a convalescent home and rest house available for European Officials.
- 11. Owing to the extension of Medical and Sanitary work in the Protectorate the question of the appointment of an additional Medical Officer should be considered.

Extra European assistance will also be required for the Maternity Clinic as the scope of the work is gradually increasing. The appointment of a Lady Medical Officer or an extra European Nurse, preferably a Government Official, merits consideration.

(c) Average Cost per Head of Patients.

Bathurst-One shilling and seven pence per diem.

Georgetown—One shilling and three pence three farthings per diem.

VII. PRISONS AND ASYLUMS.

MEDICAL REPORT ON BATHURST PRISON, 1928.

The average daily number of prisoners was 55.16.

The general health of the prisoners was good.

The number of out-patients examined during the year was 375, of whom 45 were admitted to the Prison Infirmary. Malaria, Respiratory Diseases and affections of the Intestinal tract accounted for the majority of cases. Myocardial disease is not rare.

The diet is satisfactory both in quantity and quality. Sanitary arrangements are good, and night soil is disposed of by burial. The Association cells are in good condition and are kept clean always.

(Signed) WILSON RAE, M.O.

N.B.—There is no Asylum in the Gambia. [228077]

VIII. METEOROLOGY.

	Bathurst.	Georgetown.
1. Highest Shade Maximum Temperature 2. Lowest " " " 3. Highest Shade Minimum " 4. Lowest " " 5. Greatest Range of Temperature was 6. Lowest " " " 7. Total Rainfall 8. Most rain fell in August 9. Highest degree of Relative Humidity. 10. Lowest " " "	 95° in March & May. 89° ,, August. 66° ,, September. 53° ,, January. 39° ,, February. 26° ,, Aug. & Sept. 57.02 Inches. 26.89 ,, 88 % in December. 45 % ,, January.	109° in May. 92° "August. 73° "May. 51° "January. 41° "December. 18° "September. 35-89 Inches.

RAINFALL FOR LAST FIVE YEARS.

-115 161 15		1924	1925	1926	1927	1928
Bathurst	 	56-46	44-77	39-05	60-58	57-02
Georgetown	 	47.01	49-11	31-47	45-42	35-89

IX. SCIENTIFIC.

NOTES BY DR. F. A. INNES, MEDICAL OFFICER OF HEALTH.

Numbers of mosquitoes were hatched out in the laboratory and submitted to Miss Evans of the Liverpool School of Tropical Medicine. Among those determined were:—1 Culiciomyia nebulosa; 2 Culex thalassius; 3 Culex fatigans; 4 Aedes argenteus; 5 Aedes luteocephalus; 6 Aedes simpsoni; 7 Aedes vittatus; 8 Aedes irritans; 9 Aedes nigricephalus. Of these 1, 6, 8 and 9 have to be added to our list of local Culicidæ. Unfortunately 5 is a proved carrier of Yellow fever as well as 4, and 7 and 8 are under strong suspicion.

The determinations of Auchmeromyia lutcola (Congo floor maggot) and of Dermestes Vulpinus (bacon beetle) are confirmed. The latter are the small black beetles that destroy bristles and glue of brushes: and another creature of the same family, Anthrenus pimpinellæ, does much damage to dried fish in the market.

A Larva (one of many) in a leper's sore was hatched in the laboratory. Professor Patten has identified the fly as Chrysomyia bezziana (a green bottle fly) and says it is the first specimen from a human case in Africa.

(Signed) K. B. ALLAN, Senior Medical Officer.

TABLE I.

RETURN OF STATISTICS OF POPULATION FOR THE YEAR 1928.

	Europeans and Whites.	Africans.	East Indians.	Chinese and Malays.	Mixed and Coloured.	1
Number of inhabitants in 1927	188	10,283	-	_	-	Bathurst
Number of Births during the year						(estimated)
1928	-	263	-	_	-	
Number of Deaths during the year 1928	5	407	-	_	-	THE REAL PROPERTY.
Number of Immigrants during the year 1928	_	_	_	_	-	1000
Number of Emigrants during the						
year 1928	_	-	1	-	-	
Number of inhabitants in 1927						92 19
(Estimated)	180	10,473	-	_	_	
Increase, or	-	190	-	-	-	
Decrease	8	_	_	-	_	101117

TABLE II.

METEOROLOGICAL RETURN FOR THE YEAR 1928-(BATHURST).

			Темр	ERATURE.			RAIN	FALL.	WE	NDS.	
	Solar Maxi- mum.	Mini- mum on Grass.	Shade Maxi- mum.	Shade Mini- mum.	Range.	Mean.	Amount in Inches.	Degree of Humidity.	General Direc- tion.	Average Force.	Remarks
January			90	53	37	72-1	_	45%	N.E.		
February	-		94	55	39	71.8		48%	do.	-	
March	-	man .	95	58	37	73.9	_	55%	Var.	-	
April			91	60	31	72.4	-	63%	do.	-	
May			95	62	33	76-1	0.89	71%	do.	-	
June	-	-	94	63	31	80-3	1.83	67%	do.	-	
July	-	-	93	65	28	79-9	9.41	68%	do.		
August	-		89	63	26	75.8	26.89	76%	do.		
September	-	-	94	66	28	78.2	9.47	76%	do.		
October	-		91	65	26	77.8	8.53	76%	do.		
November	-	-	91	60	31	75.9		63%	N.E.	-	
December	-		90	56	34	72.6	-	88%	do.	TE .	
		_	-	_	_	_	57-02				

TABLE III.

VICTORIA HOSPITAL, BATHURST.

Diseases.	Rema ii Hos	700 00	Yearly Total.		Total Cases	Remain- ing in Hospital	Remarks
	at er 190	id of	Admissions.	Deaths.	Treated.	at end of 1928.	
I.—EPIDEMIC, ENDEMIC, A	ND						
Infectious Diseases.							
1. Enteric Group—					- 37		
(a) Typhoid Fever							
(b) Paratyphoid A.			***	***	***	***	
(c) Paratyphoid B. (d) Type not defined			***	***	- ***	***	
2. Typhus					***		
3. Relapsing Fever			***		***		
4. Undulant Fever					***		
5. Malaria—					-		
(a) Tertian		•		***		***	
(b) Quartan (c) Aestivo-autumnal		6	90		96		
(d) Cachexia			90	4	96		
(e) Blackwater			ï		1		
6. Smallpox—						***	
Alastrim		-	2		2		
7. Measles				***	***		
8. Scarlet Fever				***	***		
9. Whooping Cough			1	***	1		
10. Diphtheria 11. Influenza	***		77		:::		
19 Miliany Favor			44	2	44		
13. Mumps				***	***	***	
14. Cholera				***	***		
15. Epidemic diarrhœa						***	
16. Dysentery—	100			200	-		
(a) Amœbic			2		2		
(b) Bacillary						***	
(c) Undefined or due to o	ther						
causes 17. Plague—	***			****	***	***	
(a) Bubonic							
(b) Pneumonic							
(c) Septicæmic							
(d) Undefined				4.			
18. Yellow Fever	***		4	3	4		
19. Spirochætosis ictero-hær	nor-			100			
rhagica 20. Leprosy	***		1	***			
21. Erysipelas	***		1		1	***	
22. Acute Poliomyelitis				***			
23. Encephalitis Lethargica							
 Epidemic Cerebro-spinal Fe 	ever						
25. Other Epidemic Diseases—				-		A Bridge	
(a) Rubeola (German				1			
Measles) (b) Varicella (Chicken-po							
(c) Kala-azar							
(d) Phlebotomus Fever			***		***	***	
(e) Dengue					***		
(f) Epidemic Dropsy	***						
(g) Yaws			1		1		
(h) Trypanosomiasis	1		14	3	15	2	

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly	Total.	Total Cases	Remain- ing in Hospital	Remarks
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
Brought forward	7	160	12	167	2	
I.—EPIDEMIC, ENDEMIC AND			1000			
Infectious Diseases—contd.						
6. Glanders						
7. Anthrax						
8. Rabies		222	***	277		
9. Tetanus	***	11	5	11		
0. Mycosis			***	***		
	1	10	4	11		
2. Tuberculosis of the Meninges	1	10		**		
or Central Nervous System				1		
3. Tuberculosis of the Intestines			100		1	
or Peritoneum	***	1	1	1		
4. Tuberculosis of the Vertebral		1 1000				
Column		1	***	1		
5. Tuberculosis of Bones and						
Joints		2	***	2	***	
6. Tuberculosis of other organs— (a) Skin or Subcutaneous						
Tissue (Lupus)			***			
(b) Bones						
(c) Lymphatic System		1		1		
(d) Genito-urinary			***			
(e) Other Organs				***		
7. Tuberculosis disseminated—						
(a) Acute	***		***	4.4.4	***	
(b) Chronic		***	***	***	***	
8. Syphilis—		7		7	0	
(a) Primary		í	***	í	2	
(b) Secondary (c) Tertiary		2		2		
(d) Hereditary						
(e) Period not indicated						
9. Soft Chancre						
0. A Gonorrhœa and its com-			1000	100000		
plications		3	1.00	3		
B.—Gonorrhœal Ophthalmia		***	***			
C.—Gonorrhœal Arthritis	***	***				
D.—Granuloma Venereum	***			3	***	
1. Septicæmia		3	2	3	***	
TD.	1000	2000	- 222		200	
Trypanosomiasis		***	***	****	***	
I.—General Diseases not men-	1 3 3		170			
TIONED ABOVE.						
3. Cancer or other malignant			1 16/16/1	10000	10000	
Tumours of the Buccal Cavity 4. Cancer or other malignant	***	***				
Tumours of the Stomach or					1	
Liver			-111			
5. Cancer or other malignant		199		PERMIT		
Tumours of the Peritoneum		100			12/14	
Intestines, Rectum						
		000	0.	010	,	1000
Total carried forward	8	202	24	210	4	

VICTORIA HOSPITAL, BATHURST-continued.

Roopstal at end of 1927. Admissions Deaths Treated. at end of 1927.	Remarks
II.—General Diseases not menton Tioned above—condd. 46. Cancer or other malignant Tumours of the Female Genital Organs 47. Cancer or other malignant Tumours of the Breast 48. Cancer or other malignant Tumours of the Skin 49. Cancer or other malignant Tumours of Organs not specified 50. Tumours of Organs not specified 50. Tumours non-Malignant 4	
TIONED ABOVE—condd. 4C. Cancer or other malignant Tumours of the Female Genital Organs 47. Cancer or other malignant Tumours of the Breast 48. Cancer or other malignant Tumours of the Skin 49. Cancer or other malignant Tumours of Organs not specified 50. Tumours non-Malignant 4	
46. Cancer or other malignant	4-
Tumours of the Female Genital Organs 47. Cancer or other malignant Tumours of the Breast 48. Cancer or other malignant Tumours of the Skin 49. Cancer or other malignant Tumours of Organs not specified 50. Tumours non-Malignant 51. Acute Rheumatism 52. Chronic Rheumatism 53. Scurvy (including Barlow's Disease) 64. Pellagra. 65. Beri-Beri 66. Rickets 67. Diabetes (not including Insipidus) 88. Anzemia— (a) Pernicious (b) Other Anzemias and Chlorosis 69. Diseases of the Pituitary Body 60. Diseases of the Pituitary Body 60. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland— (a) Exopendad, Myxocdema 51. Diseases of the Thyroid Glands 62. Diseases of the Thyroid Glands 63. Diseases of the Thyroid Glands 64. Alcoholism 65. Leukæmia— (a) Leukæmia— (a) Leukæmia— (b) Hodgkin's Disease 66. Alcoholism 7 Chronic poisoning by mineral substances (lead, mercury, etc.). 68. Chronic poisoning by organic substances (lead, mercury, etc.). 69. Other General Diseases— Auto-intoxication Purpura Hæmorthagica Hæmophilia. Disbetes Insipidus.	
17. Cancer or other malignant Tumours of the Breast 18. Cancer or other malignant Tumours of the Skim 19. Cancer or other malignant Tumours of Organs not specified 10. Cancer or other malignant Tumours of Organs not specified 11. Acute Rheumatism 2	
Tumours of the Breast	
1	
Tumours of the Skin 19. Cancer or other malignant Tumours of Organs not specified O. Tumours non-Malignant 11. Acute Rheumatism 12. Chronic Rheumatism 13. Scurvy (including Barlow's Disease) 14. Pellagra 15. Beri-Beri 16. Rickets 17. Diabetes (not including Insipidus) 18. Anæmia— (a) Pernicious (b) Other Anæmias and Chlorosis 19. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxondema 11. Diseases of the Supra-Renal Glands 22. Diseases of the Supra-Renal Glands 43. Diseases of the Spleen 15. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease (c) Alcoholism 27. Chronic poisoning by mineral substances (lead, mercury, etc.) 28. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 29. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia. Diabetes Insipidus.	
Tumours of Organs not specified	
Specified	
10. Tamours non-Malignant 11. Acute Rheumatism 12. Chronic Rheumatism 12. Chronic Poisoning by mineral substances (Bad, mercury, etc.) 12. Chronic Poisoning by mineral substances (Morphia, Cocaine, etc.) 12. Chronic poisoning by mineral substances (Morphia, Cocaine, etc.) 12. Chronic poisoning by mineral substances (Morphia, Cocaine, etc.) 12. Chronic poisoning by mineral substances (Morphia, Cocaine, etc.) 12. Chronic poisoning by mineral substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by mineral substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 13. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 14. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 15. Chronic poisoning by organic substances (Morphia, C	
Acute Rheumatism	
3. Scurvy (including Barlow's Disease)	
ease	
4. Pellagra	
5. Beri-Beri	
7. Diabetes (not including Insipidus) 8. Anæmia— (a) Pernicious (b) Other Anæmias and Chlorosis 9. Diseases of the Pituitary Body 0. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxædem dema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen 5. Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
sipidus) 8. Anemia— (a) Pernicious (b) Other Anæmias and Chlorosis	
8. Ansemia— (a) Pernicious (b) Other Ansemias and Chlorosis	
(b) Other Anæmias and Chlorosis	
9. Diseases of the Pituitary Body 0. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxœdema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Supra-Renal Glands 3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen 5. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
9. Diseases of the Pituitary Body 0. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxœdema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen 5. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
0. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxodema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Supra-Renal Glands 3. Diseases of the Spleen 5. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
(a) Exophthalmic Goitre (b) Other diseases of the Thyroid Gland, Myxœdema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen 5. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
Thyroid Gland, Myxœdema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Thymus 3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen	
dema 1. Diseases of the Para-Thyroid Glands 2. Diseases of the Thymus 3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen	
1. Diseases of the Para-Thyroid Glands 2. Diseases of the Thymus 3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen	
Glands 2. Diseases of the Thymus 3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen	
3. Diseases of the Supra-Renal Glands 4. Diseases of the Spleen	
Glands 4. Diseases of the Spleen	
4. Diseases of the Spleen	
5. Leukæmia— (a) Leukæmia (b) Hodgkin's Disease 6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
(b) Hodgkin's Disease 6. Alcoholism	
6. Alcoholism 7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
7. Chronic poisoning by mineral substances (lead, mercury, etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
etc.) 8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
8. Chronic poisoning by organic substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Diabetes Insipidus	
substances (Morphia, Cocaine, etc.) 9. Other General Diseases— Auto-intoxication Purpura Hæmorrhagica Hæmophilia Disbetes Insipidus	
etc.)	
Auto-intoxication Purpura Hæmorrhagica Hæmophilia Diabetes Insipidus	
Purpura Hæmorrhagica Hæmophilia Diabetes Insipidus	
Hæmophilia	
Diabetes Insipidus	
Total carried forward 10 234 26 244 7	-

Table III .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly T	Potal.	Total Cases	Remain- ing in Hospital	Remarks
	at end of 1927.	Admissions,	Deaths.	Treated.	at end of 1928.	200000000000000000000000000000000000000
Brought forward	10	234	26	244	7	
III.—Affections of the Nervous						
System and Organs of the Senses.						
70. Encephalitis (not including En-						
cephalitis Lethargica)				***		
71. Meningitis (not including Tuber-	100	The state of the s				
culous Meningitis or Cerebro-						
spinal Meningitis) 72. Locomotor Ataxia		1	***	1	***	
73. Other affections of the Spinal			***	****	***	
Cord			****			
74. Apoplexy—		133		200	STATE OF	
(a) Hæmorrhage	***	1	1	1	***	
(b) Embolism			***			
(c) Thrombosis 75. Paralysis—	***	1		1	***	
(a) Hemiplegia		2		2		
(b) Other Paralyses	***	***				
76. General Paralysis of the Insane					***	
77. Other forms of Mental Alienation		***	***	***		
78. Epilepsy		***				
 Eclampsia, Convulsions (non- puerperal) 5 years or over 	-	100		55.53	200	
80. Infantile Convulsions		ï	***	1	***	
81. Chorea						
82. A.—Hysteria	***	***	***	***	***	
B.—Neuritis	***	1	- 1	1	***	
C—Neurasthenia	***	***	***		***	
83. Cerebral Softening 84. Other affections of the Nervous	***	***	***		***	
System, such as Paralysis		100				
Agitans		***	***		***	
85. Affections of the Organs of						
Vision—						
(a) Diseases of the Eye (b) Conjunctivitis	***	ï	***	ï	ï	
(c) Trachoma						
(d) Tumours of the Eye				***		
(e) Other affections of the				2000		
Eye		3	***	3		
86. Affections of the Ear or Mastoid Sinus	1900	1000		10000	1000	
Sinus	***		***	***		
IV.—Affections of the Circu-				1		
LATORY SYSTEM.		113				
87. Pericarditis		1	***	1		
88. Acute Endocarditis or Myocar- ditis		. 8	3	8	1	
89. Angina Pectoris	***					
90. Other Diseases of the Heart-	***	1		1000		
(a) Valvular—		10000	No. 22	- 22		
Mitral		14	5	14	***	
Aortic			***	***	***	
Tricuspid	***	***	***	***	***	
Pulmonary (b) Myocarditis	3	16	4	19	1	
(0) 22,000,000					-	-
	13	284	40	297	10	

Table III .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly 7	Potal.	Total Cases	Remain- ing in Hospital	al Remarks.	
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.		
Brought forward	13	284	40	297	10		
IV.—Affections of the Circula-			THEFT	- 1100	11100		
TORY SYSTEM—contd.							
91. Diseases of the Arteries—				The same of			
(a) Aneurism		***	***				
(b) Arterio-Sclerosis	1	***	***	1	***		
(c) Other diseases 92. Embolism or Thrombosis (non-	***	***	***	***	***		
93. Diseases of the Veins—	***		***	***	***		
Hæmorrhoids							
Varicose Veins		3	***	3			
Phlebitis					***		
94. Diseases of the Lymphatic							
System—							
Lymphangitis		1		1			
Lymphadenitis, Bubo (non-		100					
specific)	***	4		4			
95. Hæmorrhage of undetermined							
cause			***	***	1.		
96. Other affections of the Circula-							
tory System			***		***		
V Appropriate on sun Propri							
V.—Affections of the Respir- atory System,					12		
97. Diseases of the Nasal Passages—							
Adamoida							
Polymus			***	***	***		
Rhinitis			***	***	***		
Coryza		2	****	2	***		
98. Affections of the Larynx—		-	***	-	***		
Laryngitis							
99. Bronchitis—							
(a) Acute	3	30		53	1		
(b) Chronic	***	2		2			
00. Broncho-Pneumonia	1	3	2	4			
01. Pneumonia—							
(a) Lobar	***	35	20	35	1		
(b) Unclassified	***						
02. Pleurisy, Empyema	***	8	1	8	1		
03. Congestion of the Lungs 04. Gangrene of the Lungs	***				***		
OE Author	***			***			
06 Pulmonary Emphysome	***		***	***	***		
07. Other affections of the Lungs	***			***			
Pulmonary Spirochaetosis							
				***	***		
I.—Diseases of the Digestive							
System.	Part I				2111111111		
08. A.—Diseases of Teeth or							
Gums—	-						
Caries, Pyorrhœa, etc.	1			1	***		
B.—Other affections of the			1				
Mouth—	1	Tall and the	-		200		
Stomatitis	***	***			***		
Glossitis, etc	***				***		
Total carried forward	10	950		001	-		
lotal carried forward	19	372	63	391	13		

Table III.—continued.

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly 7	Cotal.	Total Cases	Remain- ing in Hospital	Remarks
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
Brought forward	19	372	63	391	13	
I.—DISEASES OF THE DIGESTIVE						
System—contd.		177				
09. Affections of the Pharynx or						
Tonsils—						
Tonsilitis					***	
Pharyngitis	***	1	***	1	***	
10. Affections of the Œsophagus		***	***		***	
11. A.—Ulcer of the Stomach B.—Ulcer of the Duodenum		***	***	***	***	
2. Other affections of the	***		***	***		
Stomach—				1 12		
0. 111		11		11	100	
Donnersia etc		4	***	4		
13. Diarrhœa and Enteritis—				*		
Under two years						
14. Diarrhœa and Enteritis—	2			-		
Two years and over	1	12	3	13		
Colitis		12		12	100	
Ulceration				***		
14a Sprue				***		
5. Ankylostomiasis		1		1		
16. Diseases due to Intestinal Para-						
sites-	To a second					
(a) Cestoda (Tænia)	***	1		1		
(b) Trematoda (Flukes)	***	***	***		***	
(c) Nematoda (other than						
Ankylostoma)—			-			
Ascaris	***	1	***	1	***	
Trichocephalus dispar		***	***	***	***	
Trichina	***	ï	***		***	
Dracunculus Strongylus	***	200		1	***	
0	***					
(d) Candidia	***		***	***		
(e) Other parasites	***		****			
(f) Unclassified						
17. Appendicitis	***	1		1		
8. Hernia	3	36	2	39	2	
9. A Affections of the Anus,	100					
Fistula, etc		1		1	1	
B.—Other affections of the						
Intestines—						
Enteroptosis	***	***	***		***	
Constipation				***	***	
O. Acute Yellow Atrophy of the						
Liver				***		
2. Cirrhosis of the Liver—		***	***	***	***	
(a) Alcoholic	1000		2000	The state of	T Tasser I	
(b) Other forms		2	1	2	***	
3. Biliary Calculus						
4. Other affections of the Liver-			1000			
Abscess		1		1		
Hepatitis		1		1		
Cholecystitis		2	1	2		
Jaundice		4		4		
m		40.	-	400	10	
Total carried forward	23	464	70	487	16	

Table III .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly 7	Cotal.	Total Cases	Remain- ing in Hospital	Remarks.
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
Brought forward	23	464	70	487	16	and-2
VI,—Diseases of the Digestive System—contd.				No. of Street, or other Persons		
125. Diseases of the Pancreas				***		
126. Peritonitis (of unknown cause)	1	1	1	2		
127. Other affections of the Digestive						
System		1	***	1		
VII.—DISEASES OF THE GENITO-						
URINARY SYSTEM (NON- VENEREAL).					-	
128. Acute Nephritis	***	5		5	1	
129. Chronic		4	2	4		
130. A.—Chyluria	***					
B.—Schistosomiasis 131. Other affections of the Kidneys—			***			
D. 1945 4						
ryentis, &c 132. Urinary Calculus		ï		1	***	
133. Diseases of the Bladder—		1		1		
134. Diseases of the Urethra—	***	1	***	1	***	
(a) Stricture		9	1	9	1	
135. Diseases of the Prostate—	***	***	***	*15		
Hypertrophy						
Prostatitis			***			
136. Diseases (non-Venereal) of the Genital Organs of Man—				- 1009		
Epididymitis		4		4	***	
Orchitis	***	2		2	1	
Hydrocele Ulcer of Penis	***	16		16	3	
Phimosis	***	3 2	***	3 2	***	
137. Cysts or other (non-malignant)	***	2	***	2	***	
Tumours of the Ovaries						
138. Salpingitis—		***			***	
Abscess of the Pelvis 139. Uterine Tumours (non-malig-		7		7		
nant) 140. Uterine Hæmorrhage (non-						
puerperal)	***			***		
141. A.—Metritis	***	3		3		
B.—Other affections of the					-	
Female Genital Organs— Displacements of Uterus				- 101		
Amonovehoo	***					
Dysmenorrhœa		***		***		
Leucorrhœa		***	***			
142. Diseases of the Breast (non- puerperal)—				***	***	
Mastitis		1		1		
Abscess of Breast		2		2		GE .
Total carried forward	24	526	74	550	22	

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital at end of	Total Cases Treated.		Remarks.		
	1927.	Admissions.	Deaths.	Treated.	1928.	
Brought forward	24	526	74	550	22	
VIII.—PUERPERAL STATE. 143. A.—Normal Labour		12		12		
B.—Accidents of Pregnancy— (a) Abortion		1		1	mar	
(b) Ectopic Gestation	***		***			
(c) Other accidents of						
Pregnancy	***	3 2	***	3 2	1	
45. Other accidents of Parturition	1	6	ï	7		
146. Puerperal Septicæmia		2	***	2	1	
147. Phlegmasia Dolens		77		17		
148. Puerperal Eclampsia 149. Sequelæ of Labour		1	***	1		
150. Puerperal affections of the						
Breast						
IX.—Affections of the Skin and Cellular Tissues.						
151. Gangrene		1		1	1	
Carbuncle		1 21	·	1 29		
Ulcer 153, Abscess—	8	34		34	3 3	
Whitlow		1	***	1		
Cellulitis	1	11		12		
B.—Scabies						
155. Other Diseases of the Skin—	***		***			
Erythema		***				
Urticaria	***	***				
Eczema Herpes	1		***	1		
Psoriasis						
Elephantiasis	1	13	1	14	1	
Myiasis Chigoes		***	***			
Cutaneous Leishmaniasis						
Dermatitis		3		3		
X.—Diseases of Bones and Organs of Locomotion (other than Tuberculous).						
156. Diseases of Bones— Osteitis 157. Diseases of Joints—						
Arthritis		6		6	***	
Synovitis			***		***	
158. Other Diseases of Bones or Organs of Locomotion		6		6	2	
XI.—Malformations. 159. Malformations—						
Hydrocephalus	***	***	***	***		
Hypospadias Spina Bifida, etc		2		2		
Total carried forward	36	652	77	688	34	

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly T	Potal.	Total Cases	Remain- ing in Hospital	Remarks
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
Brought forward	36	652	77	688	34	
XII.—DISEASES OF INFANCY.	00	002	1	000	J.	
60. Congenital Debility		2		2		
61. Premature Birth			***			
62. Other affections of Infancy		2	2	2		
63. Infant neglect (infants of three						
months or over)			***	***		
VIII Ammontono on Orn Aon				10 minutes		
XIII.—Affections of OLD Age.		200		12		
64. Senility— Senile Dementia						
Senile Dementia	***		***			
CIV.—Affections PRODUCED BY		3.0			-	
External Causes.		1		1	1-11-11	
65. Suicide by Poisoning		1		1		
66. Corrosive Poisoning	3.65				***	
(intentional)						
67. Suicide by Gas Poisoning						
68. Suicide by Hanging or Strangu-					OR BEING	
lation						
69. Suicide by Drowning	***		***		***	
70. Suicide by Firearms					***	
71. Suicide by cutting or stabbing					-	
Instruments	***	***				
72. Suicide by jumping from a						
height	***	***	***		***	
73. Suicide by crushing	***	***	***	***	***	
74. Other Suicides	***		***	***	***	
75. Food Posioning— Botulism						
76. Attacks of poisonous animals—	***		***	***	***	
Snake Bite		1		1		
Insect Bite			***		***	
77. Other accidental Poisonings				***		
78. Burns (by Fire)	2	9	3	11		
79. Burns (other than by Fire)		1		î		
80. Suffocation (accidental)						
81. Poisoning by Gas (accidental)	***		***	***		
82. Drowning (accidental)		***				
83. Wounds by Firearms (war ex-				-	1	
cepted)					***	
84. Wounds (by cutting or stabbing					Statement of the last	
Instruments)		4		4		
85. Wounds (by Fall)	***	15	***	15		
86. Wounds (in Mines or Quarries) 87. Wounds (by Machinery)	***			***	***	
188. Wounds (crushing, e.g., rail-	***	***		***	***	
way accidents ato		6			THE PERSON NAMED IN	
89. Injuries inflicted by Animals,	***	6	***	6		
Bites, Kicks, etc		5	1	5	,	
190. Wounds inflicted on Active	***	0		0	1	
Service		2		2		
191. Executions of civilians by			***	-		
belligerents					1	
92. A.—Over fatigue	***	***				
B.—Hunger or Thirst				****		
m . 1						
Total carried forward	38	700	83	738	35	

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.	Remaining in Hospital	Yearly T	Cotal.	Total Cases	Remain- ing in Hospital	Remarks,
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	Avenue as,
Brought forward	38	700	83	738	35	
IV.—Affections produced by External Causes (contd.). 93. Exposure to Cold, Frost bite,						
etc 94. Exposure to Heat—					***	
Heatstroke			***	***		
Sunstroke						
95. Lightning Stroke	***		***			
96. Electric Shock						
97. Murder by Firearms 98. Murder by cutting or stabbing				***	***	
Instruments			****	***		
99. Murder by other means						
infant under one year)						
01. A.—Dislocation		***				
B.—Sprain		3		3		
C.—Fracture		17	1	17		
02. Other external Injuries 03. Deaths by Violence of unknown		13	***	13		
cause		***				
The Reserve		- 1577	1/11			
XV.—Ill-defined Diseases.		MIST FRANCE			Many 1	
04. Sudden Death (cause unknown)		***	-		Towns To	
05. A—Diseases not already speci- fied or ill-defined—				***	***	
Ascites	1000				1	
Œdema		***	***	***		
Asthenia					***	
Shock						
Hyperpyrexia					***	
B.—Malingering	***			***		
C.—Observation	2	60		62	3	
KVI.—DISEASES, THE TOTAL OF						
WHICH HAVE NOT CAUSED 10 DEATHS.						
		-				
					1	
					1	
		8				
Charles and the second						
Total	40	793	84	833	38	

TABLE III. (a.)

LIST OF SURGICAL OPERATIONS FOR 1928.

Circumcision						33
Radical Cure Hernia						25
Incision of Abscess						24
Radical Cure Hydrocel	e					11
Cleansing and Suture of	of Wou	nds				9
Elephantiasis—Amputa	ation					7
Amputation of Limbs						6
Reduction of Fractures	3					6
Removal of Cysts						6
Avultion of Nail						3
Removal of Keloid						3
Removal of Foreign Bo	ody in	Hand				3
Urethrotomy						2
Laparatomy						2
Plastic						2
Reduction of Dislocation	on					2
Repair Lacerated Perin	neum					2
Castration of Animals						2
Enucleation Eyeball						1
Breaking down Adhesic						1
Placenta Praevia—Deli						1
Umbilical Hernia—Rac						1
Hare Lip						1
Removal of Foreign Bo						1
Delayed Labour Tw			and	Force		
Delivery						1
Haematocele—Remova	d of Tu	unica V	aginal	is		1
Tongue Tie Incision of						1
Dilation of Stricture						1
Appendicectomy						1
Empyema—Resection	of Rib	and Dr	rainage			1
Removal of Tumour						1
Examination						1
					-	- 100
Total						162

TABLE IV.

VICTORIA HOSPITAL, BATHURST.

RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1928.

Diseases.								Male.	Female.
I.—EPIDEN	uc. Ender	MIC. A	ND INI	ECTIO	us Disi	CASES.			
Enteric Group		,							La consta
(a) Typhoi	d Fever		***	***		***			
(b) Paraty	ohoid A.								
(c) Paraty	phoid B.	***	***	***	***		***		
(d) Type n	ot defined								
Typhus	***	***					***		
Relapsing Fev									
Undulant Fev	er		***	***	***		***		
Malaria-									
(a) Tertian		***		***	***		***	•••	
(b) Quartai	The second second			***	***				
(c) Aestivo				***	***			940	488
(d) Cachex		***		***		***	***	***	
(e) Blackw		***	***		***	***	***		
(f) Unclass	aned		***	***	***		***	68	8
Smallpox-									
Alastrim					***	***	***	3	3
Measles		***			***	***		21	11
Scarlet Fever			***	***			***	0.0	10
Whooping Co	-	***	***	***	***	•••	***	36	18
Diphtheria		***	****		***	***		919	117
Influenza		***			***	***	***	313	117
Miliary Fever		***	•••		***	***	***		
Mumps					***				***
Cholera		***					***		***
Epidemic diar	rnea	***	***	***	***		***		***
Dysentery— (a) Amœbi							2000		1
And the same of the same of		***		***	***				
(b) Bacillar (c) Undefin		to oth	 or come				***	***	
Plague —	ied of due	00 0011	er caus		***	***	***		
(a) Buboni	c								
(b) Pneum									
(c) Septicae									
(d) Undefin									
Yellow Fever									
Spirochaetosis									
Leprosy								23	6
Erysipelas					***				
Acute Poliom	yelitis								
Encephalitis l									
Epidemic Cer	ebro-spina	l Fever	r						
Other Epiden									
(a) Rubeol			les)						
(b) Varicel									
(c) Kala-a:					***				
(d) Phlebo	tomus Fev	er							
(c) Dengue									
(f) Epiden	nic Dropsy								
(g) Yaws							200	2	1
(h) Trypar	osomiasis							24	1
Glanders						****			
Anthrax									
. Rabies		***							
. Tetanus								3	2
. Mycosis		SOME SECTION.		***	***				
and an order									

Table IV.—continued.

VICTORIA HOSPITAL, BATHURST-continued.

Diseases.					Male.	Female.
Brought	t forwar	d			1,433	656
I.—EPIDEMIC, ENDEMIC AND INFECT	rious I	DISEAS	ES—co	ntd.	2012000	
. Tuberculosis, Pulmonary and Laryng	eal			***	10	3
. Tuberculosis of the Meninges or Cent	ral Ner	vous S	ystem	***		
. Tuberculosis of the Intestines or Peri	itoneum	***		***		
. Tuberculosis of the Vertebral Column	n	***		***	:::	***
. Tuberculosis of Bones and Joints		***		***	15	6
 Tuberculosis of other organs— (a) Skin or Subcutaneous Tissue (Luring					
(b) Bones						
(c) Lymphatic System						
(d) Genito-urinary						
(e) Other Organs		***	***			
. Tuberculosis disseminated—						
(a) Acute		***	***	***		
(b) Chronic	***	***	***			***
. Syphilis—					10	
(a) Primary	***	***	***	***	10	2
(b) Secondary	***	***	***		2	
(c) Tertiary (d) Hereditary	***	***	***		7	***
(e) Period not indicated						
Soft Chancre			***			
. A Gonorrhœa and its complication					60	3
B.—Gonorrhœal Ophthalmia	***		***			
C.—Gonorrhœal Arthritis		***				
D.—Granuloma Venereum		***			2	1
. Septicæmia	***					
. Other Infectious Diseases—				19		
Trypanosomiasis	***	***	***	***		
Filariasis	***	***	***		8	1
II.—General Diseases not m	ENTIONE	ED ABO	VE.			
. Cancer or other malignant Tumours						
. Cancer or other malignant Tumours	of the	Stoma	ch or l	Liver		
. Cancer or other malignant Tumo						
Intestines, Rectum						
. Cancer or other malignant Tumour	s of the	Fem	ale Ge	enital		
Organs				***		
. Cancer or other malignant Tumours			***			
Cancer or other malignant Tumours	of Orces	KIII	enocid	hoi	ï	
. Cancer or other malignant Tumours . Tumours non-Malignant					7	9
. Acute Rheumatism		***				
. Chronic Rheumatism					475	218
. Scurvy (including Barlow's Disease)						
. Pellagra						
. Beri-Beri					7	
. Rickets						
. Diabetes (not including Insipidus)	***	***			***	
. Anæmia—						
(a) Pernicious (b) Other Approise and Chlorosia	***	***	***			17
(b) Other Anamias and Chlorosis	***	***	***	•••	3	17
Diseases of the Pitnitary Rody	***	***	***	***		
Diseases of the Pituitary Body Diseases of the Thyroid Gland—						
. Diseases of the Thyroid Gland—						2
Diseases of the Thyroid Gland— (a) Exophthalmic Goitre	Gland,	Myxœ	lema			2
. Diseases of the Thyroid Gland—	Gland,	 Myxœ				2

VICTORIA HOSPITAL, BATHURST-continued.

	Diseases.					Males.	Females.
	Brought fo	rward				2,033	918
II.—GENERAL DISEASES	NOT MENT	IONED	ABOVE	-conte	ł.		
. Diseases of the Para-Thy	roid Glands						
2. Diseases of the Thymus							
3. Diseases of the Supra-Re-							
L. Diseases of the Spleen		***	***				
. Leukæmia—							
(a) Leukæmia			200				
(b) Hodgkin's Disease			***				
Alcoholism			***				
Chronic poisoning by min Chronic poisoning by or							
				ia, coc	2000		200
Other General Diseases—	***	***	***				
Auto-intoxication							
Purpura Hæmorrhagic		***					
Hæmophilia							
TNU I CONTRACTOR			***				
Diagotto Historia			-		730		
					19.4		and the same of
II.—Affections of the		YSTEM	AND	ORGAN	S OF		
	IE SENSES.						
 Encephalitis (not including) Meningitis (not including) 					ebro-		
2. Locomotor Ataxia						1	
3. Other affections of the Sp							
1. Apoplexy—							
(a) Hæmorrhage						2	
(b) Don bolism							
(c) Thrombosis		***					
5. Paralysis—					1000		
/ A TT			****			***	
(I) Oct. D. I		***					1
6. General Paralysis of the		***					
7. Other forms of Mental Al	ienation						1
8. Epilepsy						1	
9. Eclampsia, Convulsions (non-puerper	al) 5 ye	ears or	over			
O. Infantile Convulsions						***	
1. Chorea		***	***				
2. A.—Hysteria						12	3
B.—Neuritis						62	36
C.—Neurasthenia						4	1
3. Cerebral Softening							
4. Other affections of the	Nervous Sy	stem,	such a	s Para	lysis		
Agitans							
5. Affections of the Organs	of Vision-						
(a) Diseases of the Ey			***	***		125	44
(b) Conjunctivitis						311	139
(c) Trachoma			***				***
(d) Tumours of the Ey							
(e) Other affections of		***		***			222
6. Affections of the Ear or l		l8				70	30
	Total carri		- 4			2,621	1,173

Table IV .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

	Diseases.						Male.	Female.
		ight f					2,621	1,173
	IV.—Affections of the Cir.	CULAT	FORY	SYSTEM				1 3 3 3
7.	Pericarditis		***		***	***	1	
8.	Acute Endocarditis or Myocardi	tis					63	30
9.				***		***		
0.	Other Diseases of the Heart-							1
	(a) Valvular—							1000000
				***		***	9	
	Aortic		***	***	***	***		
	A COLUMN A		***	***	***	***		
			***	***	***	***		
23				***	***	***	103	34
1.	Diseases of the Arteries—							1
	A III A IIII		***			***		
	(a)			***	***	***	4	2
				***		***	1	
	Embolism or Thrombosis (non-co	erebra	al)				***	
3.	Diseases of the Veins-							
			***	***		***	***	***
	THE 1 144		***	***	***	***	4	4
			***	***	***	***		
4.	Diseases of the Lymphatic Syste							
	Lymphangitis		***		***		1	211
	Lymphadenitis, Bubo (non-spe			***	***		35	14
	Hæmorrhage of undetermined ca			***	***	***	***	***
6.	Other affections of the Circulato	ry Sy	stem	***	***	***	***	
	Dolarous							
	Rhinitis			***	***	***		
			***	***			168	48
18.	Affections of the Larynx—							1
			***	***	***	***	5	3
9.	Bronchitis-							
							2,429	1,420
				***	***		***	
			***				***	1
1.	Pneumonia—					1000		1
	(IA) Unalassified		***	***			57	11
10				***	***			
	Congestion of the Lungs			***	***	***	78	25
	Gangrana of the Lungs	**				***		***
	Author	**	***	***	***			
	Dulmonore Poschesone		****				3	1
	Other affections of the Lungs-	**	***	***	***			1
	Dulmonour Spinoshotosia					- 5		1
				***	***			
	VI.—Diseases of The I. A.—Diseases of Teeth or Gums-		TIVE	SYSTEM.				
18.	Caries, Pyorrhœa, etc.						216	99
18.	B.—Other affections of the Mo						115	47
08.	Stomatitis		***	***		***	***	
08.	Stomatitis					***	143 •	54
18.	Stomatitis			forward				1

VICTORIA HOSPITAL, BATHURST-continued.

	Disc	cases.					Male.	Female.
	Bro	nght f	orward				6,056	2,967
	C10 TI			**	The same		3,000	2,501
TIT 10	D	100000	0					
9. Affections of t	s OF THE DIG			м—со	nid.	Trans.		
Tonsilitis	ne rharynx or	Tonsu					51	38
Pharyngitis							30	14
0. Affections of t			***	***				
 A.—Ulcer of t 	he Stomach					***		
B.—Ulcer of t			***		***		1	
2. Other affection						-	147	100
Gastritis Dyspepsia, δ							147 162	106 266
3. Diarrhœa and	200		***			***	102	200
Under two y							15	5
4. Diarrhoea and								
Two years as	nd over						479	246
Colitis			***	***	***		322	154
Ulceration		***	***	***	***		***	
4a Sprue 5. Ankylostomias	··· ···	***	***	•••	***			***
6. Diseases due t		rasites		***	***			
(a) Cestoda							16	1
(b) Tremato							***	
	la (other than A	Ankylo	stoma)-	-				
Ascaris			***	***	***	***	255	233
	phalus dispar	***	***					
Trichina Dracune		***		***		***	***	***
Strongy		***	***	***		***	***	
Oxyuris		***						
(d) Coccidia								
(e) Other pa	rasites							
(f) Unclassif	ied							
7. Appendicitis		***	***	***	144		***	
8. Hernia	of the Anna T	Satural.	1	***		***	41	1
9. A.—Affections P.—Other affe	ctions of the In			***	***	***	20	
Enterop						***	***	
Constipa							1,237	625
). Acute Yellow .				***				***
1. Hydatid of the		***	***		***			
2. Cirrhosis of the	AND DESCRIPTION OF REAL PROPERTY.							Harmit-
(a) Alcoholic		***	***		***		***	***
(b) Other for 3. Biliary Calculu		***	***	***	***	***	2	
4. Other affection			***			****	***	
Abscess								
Hepatitis							1	
Cholecystitis							***	
Jaundice						***	7	1
5. Diseases of the								2
6. Peritonitis (of			atom.			***	1	
7. Other affection	is of the Digest	ave by:	seem	***	***	***		***
						-		
	Tota	al carri	ed forw	ard			8,843	4,659

Table IV .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

		Disea	1508.					Male.	Female.
		Bro	ught	forward				8,843	4,659
	D					V		-,	1,000
	-DISEASES OF THE GEN						2000	10	-
	Acute Nephritis	***		***	***	***		13	7
	Chronic	***	***		***			15	4
w.	A.—Chyluria B.—Schistosomiasis	***	***	***		***			
31.	Other affections of the	Kidne	vs-		***		***		***
	Pyelitis, etc								
32.	Urinary Calculus								
	Diseases of the Bladder	_							-
	Cystitis			***				27	11
4.	Diseases of the Urethra	-							1
	(a) Stricture							8	
	(b) Other							22	
5.	Diseases of the Prostate	e—					1		1 1 1 1 1 1 1 1
	Hypertrophy			***					
	Prostatitis							1	
36.	Diseases (non-Venereal)	of th	e Ger	nital Org	ans o	f Man-	-	222	1
	Epididymitis							22	
	Orchitis				***		***	13	
	Hydrocele			***	***			50	
	Ulcer of Penis								
1.	Cysts or other (non-mal) Tur	nours of	the O	varies			2
0	Vaginitis	***							4
0.	Salpingitis—								
0				***					9
	Uterine Tumours (non-						***		1
	Uterine Hæmorrhage (n	-	erpera	il)	***				20
1.	A.—Metritis	the Fe	mel	Canital	0	***	***	***	5
	B.—Other affections of Displacements of Uter				-				
	Amenorrhœa		***	***		***	***	***	64
	Dysmenorrhœa	***	***	***	***	***	***		64
	Leucorrhœa	***		***	***		***		50
2.	Diseases of the Breast (non-pu	erner	ral)—	***		***	***	9
	Mastitis		erber		2500	2100	10000		9
	Abscess of Breast					***			1
				1000	-				
									CONTRACTOR OF THE PARTY OF THE
	VIII	-Puer	RPERA	L STATE	-				135 SHATE
3.	A.—Normal Labour								9
	B.—Accidents of Pregn:					100	- 1000	300	THE REAL PROPERTY.
	(a) Abortion								45
	(b) Ectopic Gesta								
	(c) Other acciden	ts of P	regna	ncy					1
4.	Puerperal Hæmorrhage	***							1
	Other accidents of Part	urition							1
	Puerperal Septicæmia	***					***		3
	Phlegmasia Dolens			***					
0.	Puerperal Eclampsia	***		***					
0.	Sequelæ of Labour	D.							12
	Puerperal affections of t	ne Bre	east	***	***	***			
		To	tale	arried for	ward		-	9.014	1.000
		10	cest Co	arried 101	ward	***	***	9,014	4,926

VICTORIA HOSPITAL, BATHURST-continued.

		Dise	eses.					Males.	Female
			Brough	t forwa	ırd			9,014	4,926
IX.—Affection 51. Gangrene				D CELL	ULAR '	FISSUE	9	418	88
52. Boil—	***	***	***		***		***	410	-00
Carbuncle						***	***	12	5
53. Abcess—							3777		
Whitlow	***	***			***	244	***	25	12
Cellulitis			***					329	98
54. A.—Tinea		***	***	***		***	***	31	9
B.—Scabies				***		***	***	36	13
55. Other Diseases	of the S	kın-						104	00
Erythema	***	***	***	***	***	***	***	164	82
Urticaria		***	***	***	***	***	***	4 15	"
Eczema	***	***	***	***	***	***	***	11	4
Herpes Psoriasis	***	***	***	***	***	***	***	1	1
Elephantiasis			***	***	***		***	13	1
Myiasis									
Chigoes									
Cutaneous Lei									
 Diseases of Bon- Osteitis Diseases of Join 		***	***					16	10
Arthritis									
20 4.1								40	3
Synovitis		***		***				40 10	3 2
58. Other Diseases of				211		***			
				211		***	***	10	2
				211		***	***	10	2
58. Other Diseases of	of Bone	s or (of Loco		***	***	10	2
58. Other Diseases of the first	XI.—	s or (Organs o	of Loco	motion			10 290	2
58. Other Diseases of 59. Malformations— Hydrocephalus	XI.—l	s or (Organs o	of Loco	motion			10 290	102
58. Other Diseases of 59. Malformations— Hydrocephalus Hypospadias	XI.—l	MALF	Organs o	of Loco	motion			10 290	2
58. Other Diseases of 59. Malformations— Hydrocephalus	XI.—l	s or (Organs o	of Loco	motion			10 290 1	102
58. Other Diseases of 59. Malformations— Hydrocephalus Hypospadias	XI.—l	MALF	Organs o	of Loco	motion			10 290 1	102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, &	XI.—! ske.	MALF	Organs o	of Loco	motion			10 290 1	102
58. Other Diseases of 59. Malformations— Hydrocephalus Hypospadias Spina Bifida, &	XI.—l s kc.	MALF	Organs o	of Loco	motion			10 290 1	102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, &	XI.—l s ke.	MALF	Organs o	of Loco	motion			10 290 1	102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birth	XI.—! s ke.	MALF	Organs of Inc.	of Loco	motion			10 290 1 10	102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birth 62. Other affections	XI.—lasske.	MALF	Organs of Ormati	ons.	 			10 290 1 10	2 102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birth	XI.—lasske.	MALF	Organs of Ormati	ons.	 			10 290 1 10	2
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birth 62. Other affections	XI.—lasske.	MALF	Organs of Ormati	ons.	 			10 290 1 10	2 102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—lass kc.	MALF ney of the	Organs of Ormati	ons NPANCY	omotion			10 290 1 10	2 102
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—lasske.	MALF ney of the	Organs of Ormati	ons NPANCY	omotion			10 290 1 10	2 102 2
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—l'skc. I.—Dis lity h of Infa infants	MALF ney of the	Organs of Ormati	ons NPANCY	omotion			10 290 1 10	2 102 2
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—l'skc. I.—Dis lity h of Infa infants	MALF ney of the	Organs of Ormati	ons NPANCY	omotion			10 290	2 102 2
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—l'skc. I.—Dis lity h of Infa infants	MALF ney of the	Organs of Ormati	ons NPANCY	omotion			10 290	2 102 2
59. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XI 60. Congenital Debi 61. Premature Birtl 62. Other affections 63. Infant neglect (i	XI.—l'skc. I.—Dis lity h of Infa infants	MALF ney of the	Organs of Ormati	ONS. NPANCY Caths or	over)			10 290	2 102 2

Table IV .- continued.

VICTORIA HOSPITAL, BATHURST-continued.

	Dis	cases.					Male.	Female.
	Br	ought fo	rward				10,443	5,362
VIV 4						28.00		1000
XIV.—Affecti	ONS PRODU	CED BY	EXTER	NAL (JAUSES			The state of
Suicide by Poiso		***	***		***	***	***	
66. Corrosive Poison		onal)			***			
67. Suicide by Gas F			***	***	***			***
68. Suicide by Hang		gulation		***	***	***	***	
69. Suicide by Drow.		***	***	***			***	
70. Suicide by Firear		***			***	***		
71. Suicide by cuttin			ments		•••	414	***	
72. Suicide by jumpi	100	eignt	***		***			
73. Suicide by crushi		***	***	***	***			***
74. Other Suicides	***	***	***	***		***		***
75. Food Poisoning-								
	one animal		***	***	***	***	***	
 Attacks of poisor Snake Bite 		5						
Insect Bite	***	***	***		***	***	***	
77. Other accidental	Poisonings	***	***	***	***	***		
8. Burns (by Fire)		***		***	***	***	11	
9. Burns (other than		***	***	***	***	***	11	2
30. Suffocation (accid	lental)	***			***	***		
1. Poisoning by Gas	(accidental		***	***	***		***	***
2. Drowning (accide	ntal)		***	***	***		***	***
3. Wounds by Firea	rms (war ev	cented)	***		***	***		***
4. Wounds (by cutti	ng or stabb	ing Instr	···	ta)		***	90	
5. Wounds (by Fall)					***	***	20 25	4
6. Wounds (in Mine		s)	***		***	***		4
7. Wounds (by Mac)	hinery)				***		***	
8. Wounds (crushing	z. e.q., railw	av accide	ents. &	ke.)	***			***
9. Injuries inflicted	by animals.	Bites. K	icks d	kc.	***	***	ï	"1
0. Wounds inflicted	on Active S	ervice			***	***		1
1. Executions of civ	ilians by be	lligerents			***	***	***	***
2. A.—Over fatigue					***	***		***
B.—Hunger or Ti		***	***		***	***	***	***
Exposure to Cold	, Frost Bite	s. &c.					***	***
4. Exposure to Heat								***
Heatstroke							1. 00.0	
Sunstroke		***						***
Lightning Stroke						***		***
		***	***					***
Murder by Firear.	ms						100	***
8. Murder by cutting	g or stabbin	g Instru	ments					
9. Murder by other	means	***						
O. Infanticide (Murd	er of an inf	ant unde	rone	year)	***			
I. A.—Dislocation		***		***			101	
		***	***				12	2
		***					2	
2. Other external In	juries	***			***	***	689	75
3. Deaths by Violen	ce of unkno	wn cause						
	Tota	al carried	forwa	ard			11,203	5,450

VICTORIA HOSPITAL, BATHURST-continued.

	Disc	ases.					Male.	Female.
CARL MARKET	Bro	ought for	ward				11,203	5,450
VV	.—Ill-Defi							
204. Sudden Death (c			EASES.					
05. A.—Diseases not	already spe	cified or						***
Ascites								
Œdema Asthenia		***		***			45	16
Shock				***		***	***	
Hyperpyrexi	ia					***		
B.—Malingering			***		***	***	26	
XVI.—DISEASES, TI	HE TOTAL OF	WHICH	HAVE	NOT	CAUSED	10		
atta. Dionaono, ii	DEA	THS.	MATE	1101	CAUSED			400
								A STATE OF THE PARTY OF
								2 2 3 3 3
								A MEN COL
						-		Married Married Married
						3-11		The state of the
								in females.
								P B ID
								the property of
								The state of the state of
								10 DO
								The section of
								The second second
						- 1		
								The same of
								TO THE REAL PROPERTY.
								A STATE OF THE PARTY OF THE PAR
								A CONTRACTOR OF THE PARTY OF TH
						3/4		Part and
								The second
			-	tal		- 11	11,274	5,466
			110	MALE.		***	11.274	0.400

APPENDIX I.

ANNUAL MEDICAL REPORT CEOPCETOWN AND THE PROTECTORATE FOR 1998

FOR GEORGETOWN A	ND TI	HE P	ROTEC	TORA	TE FC)R 192	8.	
(A) HOSPITAL AND DISPENSARIES.								
(a) Record of work and Prevailing	Disea	ses.						
(1) Georgetown Hospital.								
(a) In-Patients.								
Remaining in hospital	from	1927						17
Admissions				***	***			243
Total cases treated		***	***		***			260
Total deaths								35
Prevalent Diseases :—Ulcer, malari	ia, inju	rries, l	obar p	neumoi	nia and	l trypa	nosoi	niasis.
(b) Out-Patients.								
Total treated								3,683
Prevalent Diseases :—Constipation a	and dis	orders	of the	digestiv	ve syste	em, bro	nchit	is, injuries,
malaria, rheumatism, ulcers and goitre								-
(2) Georgetown Prison.								
In-patients treated in	Prison	Infir	nary					- 11
Prisoners treated as O								
figures)	-				-			278
(3) Basse Dispensary.								
Total cases treated								1,116
The Dispensary was closed from 28t	h Febr	uary t	o 12th	Novem	ber, ov	ving to	the d	eath of the
Dispenser.						0		
(4) Kau-ur Dispensary.								
Total cases treated								1,411
The Dispensary was closed for a to-				weeks		8 whe		
was on leave or relieving at Georgeton		100 01	III CCC	Heem		o, maic		Dispersor
(B) Improvements Effected and Suga		00						
(1) Georgetown Hospital.	JESTIO.	No.						
Six new beds were provided this ye	ar T	he rer	nainde	should	l he re	placed	by no	ew heds as
funds permit.		ne rei	ii de iii de ci	Shoul		placed	03 11	or ocus us
A dressing trolley, screens and addit	ional b	edsid	e tables	are re	nuired.			
Additional accommodation is requir							for 19	927

Additional accommodation is required as laid down in the Annual Report for 1927.

(2) Kau-ur Dispensary.

Requires thorough repair, fencing, rainwater tanks, new kitchen, latrine and bath-room for Dispenser.

(3) Basse Dispensary.

Requires repairs, and an additional hut, kitchen, latrine and bathroom for Dispenser. The present site is very cramped, and the moving of the Dispensary to another situation might be considered.

(c) Average Cost per head of Patients.

In Georgetown is one shilling and threepence three farthings per diem.

Return of diseases and deaths is attached.

PRISONS AND ASYLUMS.

MEDICAL REPORT ON GEORGETOWN PRISON.

The general health of the prisoners has been good. 278 were treated as out-patients at the Hospital, chiefly for minor injuries, diseases of the digestive system, malaria, chronic rheumatism and bronchitis.

Eleven prisoners were admitted to the Prison Infirmary, the majority of admissions being for malaria and disorders of the digestive system or genito-urinary organs.

No death occurred in the Prison this year.

The general sanitary condition of the Prison has been very good, and the diet satisfactory. Pan latrines are used, and are emptied by prisoners, the excreta being buried in the bush.

Drinking water is at present obtained from the river, and, as this is believed to be the cause of a number of cases of diarrhoa and dysentery it is recommended that tanks should be installed for storage of rainwater for drinking.

(Sqd.) S. G. HARRISON.

M.O. Protectorate.

SCIENTIFIC.

REPORT ON SIX CASES OF CREEPING ERUPTION.

Six cases of creeping eruption have been seen during the past two rainy seasons. Of these, two were Europeans, one a Moor and the other Gambian natives.

Four were seen at Georgetown, one at Basse, one in Lower Niumi District. In every case the affected part was the foot.

Clinical features:—In the Moor a wavy line was seen, starting on the inner side of the foot and passing up the front of the ankle and skin, gradually fading out about three inches above the malleoli. It was raised above the level of the skin, having the appearance of a blister, but feeling hard and solid to the touch. On incision, it contained no fluid, but tough, white, fibrous material. No parasite was found. Itching was the only symptom. When he was seen again six weeks later, no trace of the line could be found.

The three native cases were very similar to the above, except that in two of them the raised line commenced in the cleft between two of the toes and extended on to the dorsum of the foot for about two inches only, while in the third it was confined to the inner margin of the foot. These cases were only seen once, and could not be followed up. The appearances in the Europeans were somewhat different. In one the condition commenced as a blister on the sole of the foot. The blister contained black, tarry material. A few days later a narrow, wavy line of crythema, not raised above the level of the skin, extended from the site of the blister round the outer border of the foot for about an inch and a half. The only symptom was itching, coming on at irregular intervals, and coinciding with a fresh extension of the line of crythema.

Symptoms persisted for eight months, but the condition remained localised to the side of the foot. In the other European only an itching red line was present on the dorsum of the foot; no history of a blister obtained. The whole thing cleared up in about three weeks.

No parasite was recovered in any case, and the only treatment employed was cleanliness, and antiseptic dressings in the natives to prevent secondary infection.

All the above were seen during the rains. The natives state that the disease is acquired by walking in the mud in certain localities, and the seasonal incidence and anatomical position of the lesions support this idea. The two European patients had been in the habit of wearing only canvas shoes without stockings when going about in the bush in the rains. The causative agent is assumed to be some sort of insect larva or helminth.

APPENDIX II.

ANNUAL SANITARY REPORT FOR GEORGETOWN AND THE PROTECTORATE FOR 1928.

1. HYGIENE AND SANITATION.

Malaria.—Accounted for one European death this year, and three adult native deaths in Georgetown Hospital, and in the Protectorate as a whole has tended to assume a more severe form than in 1927. The spleen rate of school children in Georgetown in November was 20.5 per cent.; in Kau-ur in January it was 47.5 per cent. Kunta-ur and Fattoto are also bad malarial towns. All these towns have large swamps in their vicinity where rice is grown during the rains.

Trypanosomiasis.—12 cases treated at Georgetown Hospital with three deaths, and one European invalided from Basse from this cause. All the patients were admitted from various wharf towns, chiefly Georgetown, Kunta-ur and Fattoto, but it is not certain that the infection was actually acquired in these places.

Yellow Fever.—No cases known to have occurred in the Protectorate this year.

Filariasis.—14 cases of elephantiasis were treated at the Hospital and 9 at bush surgeries, but many sufferers who never seek advice are to be seen in any of the villages.

Relapsing Fever.—Outbreaks were several times reported from South Bank Province by natives, but in none of these could the diagnosis be confirmed, the patients being found on investigation to be suffering from pneumonia, malaria or other diseases.

6A

[228077]

Small-pox.—Has been smouldering in various parts of the Protectorate throughout the year. Serious outbreaks occurred at Soma, in South Bank Province and in the Lower Niumi District of North Bank Province, with smaller epidemics at Kwinella and Samba Tako in South Bank Province, and one fatal case at Georgetown. On the whole the disease tended to assume a mild form, though all grades of severity were met with in individual cases. At present only one vaccinator under the Board of Health is available, and he is employed at Georgetown most of the time. 610 vaccinations were performed by him in 1928, 94 of which were done in Georgetown and 516 in the districts where epidemics occurred. An additional 919 vaccinations were performed by the Protectorate Medical Officer in the affected areas. (Total vaccinations performed—1,435.)

Amabic Dysentery.—6 cases with no deaths treated in Georgetown Hospital. Dysentery and enteritis were most prevalent in December in the Protectorate as a whole, especially in those towns where river water is the chief source of drinking water.

Tuberculosis.-19 cases with 10 deaths treated at the Hospital this year.

Yaws.—54 injections of luatol and novarsenobillon were given for this disease in 1928, of which all but 7 were given in the Hospital Out-patient Department. The somewhat spectacular results obtained are much appreciated by the natives, who readily seek this form of treatment.

Leprosy.—15 cases attended at the Hospital for out-patient treatment as compared with 7 in 1927. A total of 152 injections of moogrol and alepol were given to these, but only five of them attended at all regularly.

Helminthic Diseases.—Especially infestations with ascaris, cestodes and ankylostomes are prevalent in all parts of the Protectorate. No improvement in this respect can be expected while the bush round all the towns and villages continues to be used as a latrine.

Schistosomiasis.—An increasing number of cases are being seen at the Hospital, Dispensaries and bush surgeries, but it has not yet been possible to locate the sources of infection. Offers of treatment by injections of tartar emetic are almost invariably rejected.

2. General Measures of Sanitation.

Night Soil Disposal.—There are three public latrines, each with six pans at Kunta-ur, and one with two pans at Georgetown. At Kunta-ur the pans are emptied by sanitary labourers, the excreta being dumped in mid-river from a punt. At Georgetown the pans are emptied by prisoners and the fæces buried in the bush. Pan latrines are used in all European and most African Officials' quarters, the pans being emptied by prisoners or sanitary labourers. Nearly all the factories where Europeans are stationed have pan latrines, the pans being emptied by their own labourers.

Cesspits in the yards are usually employed by Syrians and the trading class of African. In bush villages the invariable custom is to use the bush outside the town as a latrine, a practice which encourages fly breeding, and the spread of helminthic and other bowel diseases.

Scavenging.—In Georgetown the market, slaughter place and officials' quarters are provided wish dustbins, emptied by prisoners. In Kunta-ur, Basse and Fattoto dustbins are supplied to the markets and Government Stations, and are emptied by sanitary labourers.

Refuse Disposal.—In Georgetown mud incinerators are used; in the other towns Bermuda incinerators. These are looked after by sanitary labourers. In the rains refuse is usually buried.

Water Supplies.—Rain water is almost exclusively used by Europeans for drinking, except in bush compounds where well water is usually supplied. The natives use river or well water, the latter exclusively in villages away from the river. The quality of the wells varies, but on the average is good, though insufficient precautions are taken to prevent contamination from surface washings, and in the drawing of the water.

3. SCHOOL HYGIENE.

School Children in Georgetown are inspected in May and November. In November, 1928, the spleen rate of children in both schools was 20.5 per cent.; children found infected are receiving treatment.

Of Wesleyan school children, 15·4 per cent. had one or more defective teeth, whereas only 8 per cent. of boys from the Armitage School were so affected. No facilities exist at present for proper dental treatment. Two children suffering from leprosy were stopped from attending the Wesleyan School.

4. FOOD IN RELATION TO HEALTH AND DISEASE,

Meat inspection is only regularly carried out in Georgetown, but cases of illness attributable to eating bad meat (excepting tapeworm) are rarely met with.

During the cattle epidemic the flesh of slaughtered sick beasts was consumed by many of the natives with no known ill effects.

During the rains musty and weevily bread was on sale in Kau-ur and Kunta-ur markets. It was found impossible to take action against the bakers as no suitable ordinance applied to these towns.

Scavenging of markets is carried out by sanitary labourers in Georgetown, Basse, Fattoto, Kunta-ur and Kau-ur. Fly-proof meat safes are provided for the butchers' use in these towns, but they are so often damaged and carelessly used as to be practically useless.

Cement slabs for slaughtering on have been constructed this year at Basse, Kau-ur and Kunta-ur, in addition to that already in use at Georgetown.

5. RECOMMENDATIONS FOR FUTURE WORK.

- (1) More control in sanitary matters is needed in the larger wharf towns, especially in regard to sale of foodstuffs, mosquito breeding in yards and the cleanliness of streets and plots of land.
- (2) The provision of an African sanitary inspector, with headquarters at Georgetown, but dividing his time between this and other important towns.
 - (3) An increase in the number of Protectorate Vaccinators.
- (4) Clearing of bush and undergrowth along the river bank in the vicinity of wharf towns and important crossing places to reduce tse-tse breeding.

(Sgd.) S. G. HARRISON, M.O. Protectorate.

APPENDIX III TABLE V.

GEORGETOWN HOSPITAL.

Diseases.	Remaining in Hospital	Yearly T	Cotal.	Total Cases	Remain- ing in Hospital	Remarks.
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
I.—EPIDEMIC, ENDEMIC, AND						
Infectious Diseases.						
1. Enteric Group—				F-11	1 10 1	
(a) Typhoid Fever			***		***	
(b) Paratyphoid A						
(c) Paratyphoid B	***		***	***	***	
(d) Type not defined	***		***	***		
2. Typhus	***		***	***	***	
3. Relapsing Fever	***		***	***	***	
4. Undulant Fever	***		***			
5. Malaria—	THE REAL PROPERTY.	The second		the same of		
(a) Tertian (b) Operton	***			***	***	
(b) Quartan (c) Aestivo-autumnal	***	90		90	";	
(2) (1-1		20	2	20	1	
(a) Planlymator					***	
6. Smallpox—	***	***	***	***	***	
Alastrim		1	1	1		
7. Measles						
8. Scarlet Fever				***		
9. Whooping Cough						
10. Diphtheria				***		
11. Influenza		5		5	2	
2. Miliary Fever	***	***			***	
3. Mumps					***	
4. Cholera	***		***	***	***	
5. Epidemic diarrhœa						
6. Dysentery—						
(a) Amoebic	***	6	***	6	2	
(b) Bacillary (c) Undefined or due to other	***	***	***	***	***	
0011000	2000	1000				
17. Plague—	***		***	***	***	
(a) Bubonic	1000		1000	100		
(b) Pneumonic					330	
(c) Septicæmic						
(d) Undefined						
18. Yellow Fever					***	
19. Spirochætosis ictero-hæmor-				188	10000	
rhagica			***			
20. Leprosy	***	2		2		
21. Erysipelas	***		***	***		
22. Acute Poliomyelitis			***	444	***	
23. Encephalitis Lethargica 24. Epidemic Cerebro-spinal Fever			***	***		
25. Other Epidemic Diseases—	115		***	***	***	
(a) Rubeola (German						
Measles)		-	207		1	
(b) Varicella (Chicken-pox)		***	***	***		
(c) Kala-azar				***		
(d) Phlebotomus Fever						
(e) Dengue	***					
(f) Epidemic Dropsy				***		
(g) Yaws	1	4	***	5		
(h) Trypanosomiasis	1	11	3	12	2	

GEORGETOWN HOSPITAL-continued.

Diseases,	Remaining in Hospital	Yearly 7	Total.	Total Cases	Remain- ing in Hospital	Remarks
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	Tooling Ka
Brought forward	2	50	7	52	7	
I.—EPIDEMIC, ENDEMIC AND						
Infectious Diseases-contd.						
6. Glanders		***	***	***		
7. Anthrax						
28. Rabies			***	***	212	
9. Tetanus		1	1	1	***	
30. Mycosis			***	***	***	
Laryngeal	1	5	6	6		
32. Tuberculosis of the Meninges	7		1000		177	
or Central Nervous System		***			***	
33. Tuberculosis of the Intestines			10000	THE STREET		
or Peritoneum	***			***	***	
34. Tuberculosis of the Vertebral						
Column	*****			***	***	
35. Tuberculosis of Bones and			- BOOK	Toland :		
Joints 36. Tuberculosis of other organs—	***	***	****	***	***	
(a) Skin or Subcutaneous						
Tissue (Lupus)						
(b) Bones		3	1	3		
(c) Lymphatic System						
(d) Genito-urinary						
(e) Other Organs	***					
37. Tuberculosis disseminated—			-			
(a) Acute		3	3	3	***	
(b) Chronic	***	***	***	***	***	
38. Syphilis—						
(a) Primary		1	***	1	***	
(b) Secondary			***		***	
(c) Tertiary		3	***	3	***	
(d) Hereditary (e) Period not indicated		1	***	1	***	
90 C-1+ Changes		2	***	2		
40. A.—Gonorrhœa and its com-		-	1000	-	***	
plications						
B.—Gonorrhœal Ophthalmia						
C.—Gonorrhœal Arthritis						
D.—Granuloma Venereum			***	***		
41. Septicæmia					***	
42. Other Infectious Diseases—			3000			
Trypanosomiasis			***			
II.—GENERAL DISEASES NOT MEN-				21 7 1 2		
TIONED ABOVE.		3	- DEST			
43. Cancer or other malignant				-		
Tumours of the Buccal Cavity	***	***				
44. Cancer or other malignant		1 1 1 1 1 1	30000	- ACTUAL	1000	
Tumours of the Stomach or					The same of	
Liver					***	
45. Cancer or other malignant						
Tumours of the Peritoneum						
Intestines, Rectum		***	***			
			***	70	77	
Total carried forward	3	69	18	72	7	

GEORGETOWN HOSPITAL-continued.

Diseases.	in Hospital	Teany .	Cotal.	Total Cases	ing in Hospital	
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
				-		
Brought forward	3	69	18	72	7	
I.—GENERAL DISEASES NOT MEN-				- HERRIS	1950	
TIONED ABOVE—contd. 6. Cancer or other malignant					-	COLUMN S
Tumours of the Female		1000		100		
Genital Organs	***		***			
7. Cancer or other malignant						
Tumours of the Breast			***	***		
8. Cancer or other malignant					363	
Tumours of the Skin	***	***	1000	7.7	***	
9. Cancer or other malignant					7 1000	
Tumours of Organs not specified						
specified 7. Tumours non-Malignant		2		2	1	
1. Acute Rheumatism						THE P.
2. Chronic Rheumatism		8		8		
3. Scurvy (including Barlow's Dis-			1000	-	E CARRELL OF	
ease)						To Bear
4. Pellagra	***		***			
5. Beri-beri			***		***	
6. Rickets			***		***	
7. Diabetes (not including In-			1.77			
sipidus)		***	***	***	***	
8. Anæmia— (a) Pernicious (b) Other Anæmias and Chlo-						
rosis			***	***		
9. Diseases of the Pituitary Body				***		1.3
0. Diseases of the Thyroid Gland-		1 1 1 1 1 1				
(a) Exophthalmic Goitre	***	***	****	****		
(b) Other diseases of the					30000	
Thyroid Gland, Myxœ-					1000	
dema	***	***	***	***	***	1000
(11						100
32. Diseases of the Thymus						
3. Diseases of the Supra-Renal					1920	
Glands						Fire
54. Diseases of the Spleen						100
55. Leukæmia—				1		
(a) Leukæmia	***		***			1
(b) Hodgkin's Disease	***			***		
56. Alcoholism					***	
 Chronic poisoning by mineral substances (lead, mercury, 			1 1000	1	11712 160	4440-
etc.)						1
88. Chronic poisoning by organic					10	THE REAL PROPERTY.
substances (Morphia, Cocaine			1 1 1 1 1 1		100000	1-15
etc.)						7 650
59. Other General Diseases—		100		1 11 11 11 11	1 1 1 1 1 1 1 1	PD ST
Auto-intoxication						Part of
Purpura Hæmorrhagica	***	***	***			MAY!
Hæmophilia						Total .
Diabetes Insipidus	***					The state of the s
						The real Property lies

GEORGETOWN HOSPITAL-continued.

Diseases.	Remaining in Hospital at end of 1927.	Yearly 7	Potal. Deaths.	Total Cases Treated.	Remain- ing in Hospital at end of 1928.	Remarks.
Brought forward	3	79	18	82	8	
III.—Affections of the Nervous System and Organs of the		1	1	Co Maria	THE REAL PROPERTY.	
Senses.				11	11 12 21	
70. Encephalitis (not including En-					- 19 110	
cephalitis Lethargica)		***	***	***		
71. Meningitis (not including Tuber- culous Meningitis or Cerebro-						
spinal Meningitis)		1		1		B HALL OF
72. Locomotor Ataxia	***					667
73 Other affections of the Spinal	1000	1000	1000	223010		Paragraph to
Cord		***	***			
74. Apoplexy—						216
(a) Hæmorrhage (b) Embolism			***	***		
(a) Thember		***	***	***		6
75. Paralysis—	177		***		***	213
(a) Hemiplegia						1000
(b) Other Paralyses		1		1		
76. General Paralysis of the Insane	***					
77. Other forms of Mental Alienation						
78. Epilepsy 79. Eclampsia, Convulsions (non-		***	***	***		
puerperal) 5 years or over						
80. Infantile Convulsions			***			
81. Chorea				***		
82. A.—Hysteria			***			
B.—Neuritis						10.3
C.—Neurasthenia	***		***	***	***	
83. Cerebral Softening 84. Other affections of the Nervous	***	****	***	***	****	TO US
System, such as Paralysis				-		STATE OF
Agitans				***	***	TAIL
85. Affections of the Organs of				1000		
Vision—		1 220		100		
(a) Diseases of the Eye		2	***	2	***	
(b) Conjunctivitis (c) Trachoma		2	***	2	***	COST II
(d) Tumours of the Eye		***	***	***	***	
(e) Other affections of the	1000	***	***	111		10
Eye						100-13 131
86. Affections of the Ear or Mastoid		1	1 77	10000	1 1 1 1	THE PLANT
Sinus			***		***	100
IV APPROTONS OF THE CITOR					100	100
IV.—Affections of the Circu- latory System.			1	11.		STEP IT
87. Pericarditis		1	1	1		433
88. Acute Endocarditis or Myocar-				100		
ditis		1	1	1	***	
89. Angina Pectoris	***			***		
90. Other Diseases of the Heart—						
(a) Valvular Mitral	***	***			***	
Aortic						
Tricuspid						
Pulmonary		***				
(b) Myocarditis		5	2	5		
m + 1 - 110 - 1			00	0.0	0	
Total carried forward	3	92	22	95	8	

GEORGETOWN HOSPITAL-continued.

Diseases.	Remaining in Hospital	Yearly '	Total.	Total Cases	Remain- ing in Hospital	Remarks.
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
Brought forward	3	92	22	95	8	Wind In
IV.—Affections of the Circu- LATORY SYSTEM—contd.				The second	1000	Serve
91. Diseases of the Arteries—						1775
(a) Aneurism						
(b) Arterio-Sclerosis		***			***	
(c) Other diseases 92. Embolism or Thrombosis (non-	***		***	***		
cerebral)						
93. Diseases of the Veins-		***		***	1	
Hæmorrhoids						
Varicose Veins Phlebitis	***	1		1	***	
94. Diseases of the Lymphatic			***			
System— Lymphangitis Lymphadenitis, Bubo (non-		2		2		
specific) 95. Hæmorrhage of undetermined		1		1		
cause				***		
96. Other affections of the Circulatory System	1	1	1	2		
			1	4	***	
V.—Affections of the Respir-						
ATORY SYSTEM.						
97. Diseases of the Nasal Passages— Adenoids			1000			
Polypus				***		
Rhinitis				***		
Coryza	***			***		
98. Affections of the Larynx— Laryngitis						
99. Bronchitis—				***	***	
(a) Acute		7	***	7		
(b) Chronic						
100. Broncho-Pneumonia 101. Pneumonia—						
(a) Lobar	1	16	8	17	***	
(b) Unclassified					***	
102. Pleurisy, Empyema		1		1		
103. Congestion of the Lungs 104. Gangrene of the Lungs				***	***	
105. Asthma		1		ï		
106. Pulmonary Emphysema						
107. Other affections of the Lungs— Pulmonary Spirochætosis						
VI.—DISEASES OF THE DIGESTIVE			-	15000	1	
System.			1			
108. A.—Diseases of Teeth or Gums—				THE REAL PROPERTY.		
Caries, Pyorrhœa, etc. B.—Other affections of the		***				
Mouth— Stomatitis					1000	
Glossitis, etc					***	
Water and a second						
Total carried forward	5	122	31	127	8	

GEORGETOWN HOSPITAL-continued.

Brought forward 1927. Admissions. Deaths. Treated. at end of 1928.	Diseases.	Remaining in Hospital	Yearly T	otal.	Total Cases	Remain- ing in Hospital	Remarks.
VI.—DISMASES OF THE DIGESTIVE SYSTEM—contol.		at end of	Admissions.	Deaths.		at end of	
System—contd. Os. Affections of the Pharnyx or Tonsils—		5	122	31	127	8	
109. Affections of the Pharnyx or Tonsils— Tonsilsts 1							
Tonsilits		1 111			leani,		
Tonsilitis							
Pharyngitis			1		1		
110. Affections of the Csophagus		2300	100			788	
B.—Ulcer of the Duodenum 112. Other affections of the Stomach— Gastritis				***	***		
112. Other affections of the Stomach— Gastritis— Upyspepsia, etc							
Stomach— Gastritis Dyspepsia, etc. 2 2 2 113. Diarrhoa and Enteritis— Under two years 114. Diarrhoa and Enteritis— Two years and over 8 1 8			***	***	***		
Gastritis		1	1				
Dyspepsia, etc. 2	Castaldia	10000					
113. Diarrheea and Enteritis—					100000		
Under two years 114. Diarrhoea and Enteritis— Two years and over Colitis 115. Ankylostomiasis 5 5 5 116. Diseases due to Intestinal Parasites— (a) Cestoda (Tænia) (b) Trematoda (Other than Ankylostoma)— Ascaris 17:chocephalus dispar 17:chocephalus disp		100000	-	***	-		
114. Diarrhora and Enteritis—				***	***	***	
Colitis Ulceration Ulcera	114. Diarrhœa and Enteritis—				10000		
Ulceration		***	8	1	8	***	
114a Sprue			***				
115. Ankylostomiasis		***	***	***	***	100.000	
116. Diseases due to Intestinal Parasites (a) Cestoda (Tænia) (b) Trematoda (Flukes) (c) Nematoda (other than Ankylostoma) Ascaris Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified (f) Uncl							
Sites—		***		***		***	
(a) Cestoda (Tænia) (b) Trematoda (Flukes) (c) Nematoda (other than Ankylostoma)— Ascaris Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 2 2 2 119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 1 1 1 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver 122. Cirrhosis of the Liver (a) Alcoholic (b) Other forms 1 1 1 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis 1 1 1 Cholecystitis Jaundice Table 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		1	V3/10 3		
(b) Trematoda (Flukes) (c) Nematoda (other than Ankylostoma)— Ascaris Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 2 2 2 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines— Enteroptosis Constipation 1 1 1 120. Acute Yellow Atrophy of the Liver (a) Alcoholic (b) Other forms 1 1 1 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis Cholecystitis Jaundice Taking a first than Analy and the Anus and t				***			
Ankylostoma)— Ascaris Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 12 2 2 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver— (a) Alcoholic (b) Other forms 1 1 1 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis Liver Trichical districtions Abscess Hepatitis Jaundice Trichical districtions Trichica				37733			
Ascaris Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver— (a) Alcoholic (b) Other forms 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis Jaundice Table ide Table ide Table ide Abscess Jaundice Table ide Table ide Table ide Intestines— Liver			1				
Trichocephalus dispar Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver 122. Cirrhosis of the Liver (a) Alcoholic (b) Other forms 1			1 118	1			
Trichina Dracunculus Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver 122. Cirrhosis of the Liver (a) Alcoholic (b) Other forms 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis In the company of the Liver Cholecystitis Jaundice Takken in the company of the company			***	***	***	***	
Dracunculus Strongylus Oxyuris Oxyuris	77 - 1 -	100	H 100000000	200	1000		
Strongylus Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified .	Decomposites		The second second	1999		10000	
Oxyuris (d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver (a) Alcoholic (b) Other forms 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis Jaundice Table idea of the Liver Cholecystitis Jaundice Abscess Jaundice Table idea of the Liver Cholecystitis Jaundice Abscess Jaundice Cholecystitis Cholecystitis Jaundice Cholecystitis Cholecystitis Jaundice Cholecystitis Chol		1 3397	100000		1 2 2 2 2	000	
(d) Coccidia (e) Other parasites (f) Unclassified 117. Appendicitis 118. Hernia 119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver 122. Cirrhosis of the Liver (a) Alcoholic (b) Other forms 1 1 1 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis 1 1 1 Cholecystitis Jaundice Table ide Table ide Abscess Jaundice Table ide Liver				1000000	1		
(f) Unclassified 117. Appendicitis 118. Hernia 2 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines— Enteroptosis Constipation 1 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver. (a) Alcoholic (b) Other forms 1 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis 1 1 1		1 100	***		1 2000	***	
117. Appendicitis 118. Hernia 2 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines—				***		***	
118. Hernia 2 2 119. A.—Affections of the Anus, Fistula, etc. B.—Other affections of the Intestines—				***	***	***	
119. A.—Affections of the Anus, Fistula, etc B.—Other affections of the Intestines— Enteroptosis Constipation 120. Acute Yellow Atrophy of the Liver 121. Hydatid of the Liver— (a) Alcoholic (b) Other forms 123. Biliary Calculus 124. Other affections of the Liver— Abscess Hepatitis Cholecystitis Jaundice Table idea Table idea 1 1 1 1 1 1 1 1 1 1 20. 140 20		***		- 1003		***	
Fistula, etc			2	1	2	***	
B.—Other affections of the Intestines— Enteroptosis							
Intestines— Enteroptosis							
Constipation							
120. Acute Yellow Atrophy of the Liver	Enteroptosis					****	
Liver			1		1	***	
121. Hydatid of the Liver					1	10000	
122. Cirrhosis of the Liver— (a) Alcoholic				1777	333		
(a) Alcoholic		***	***	***	***	***	
(b) Other forms	(a) Alaskalia	1	1				
123. Biliary Calculus				1335			
Abscess	123. Biliary Calculus		***	1988	***	1939	
Hepatitis	124. Other affections of the Liver-	1000					
Cholecystitis				***		***	
Jaundice			1	***	10000	***	
m + 1 1 1 1 5 144 99 149 8	Tounding		110000				
Total carried forward 5 144 32 149 8	Jaunuice		***	***	***		
	Total carried forward	5	144	32	149	8	

GEORGETOWN HOSPITAL-continued.

Diseases.	Remaining in Hospital	Yearly ?	Total.	Total Cases	Remain- ing in Hospital	Remarks.
	at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
					71 -21	
Brought forward	5	144	32	149	8	
VI.—Diseases of the Digestive System—contd.	10			19.00		
125. Diseases of the Pancreas	***				444	
126. Peritonitis (of unknown cause)						
127. Other affections of the Digestive System			3000		1	
				***	***	
VII.—DISEASES OF THE GENITO-						
URINARY SYSTEM (NON- VENEREAL).				30	1000	
128. Acute Nephritis						
129. Chronic		4	2	4		
130. A.—Chyluria					***	
B.—Schistosomiasis 131. Other affections of the		1		1		
Kidneys—				200	a me	
Pyelitis, &c			***	****		
132. Urinary Calculus						
133. Diseases of the Bladder— Cystitis		3	1000	3	-	
134. Diseases of the Urethra—					***	
(a) Stricture		1		1		
(b) Other 135. Diseases of the Prostate—	1	2		3	***	
Hypertrophy						
Prostatitis						
136. Diseases (non-Venereal) of the			- 120			
Genital Organs of Man— Epididymitis			The same of			
Orchitis		1		1		
Hydrocele						
Ulcer of Penis 137. Cysts or other (non-malignant)	***					
Tumours of the Ovaries						
138. Salpingitis—			1000			
Abscess of the Pelvis 139. Uterine Tumours (non-malig-		1		1		
nant)					3333	
140. Uterine Hæmorrhage (non-puer-						
peral)		:				
B.—Other affections of the		1		1	***	
Female Genital Organs—			3		Mary I	
Displacements of Uterus		1		1		
Amenorrhœa Dysmenorrhœa		***				
Leucorrhœa	***			***		
142. Diseases of the Breast (non-						
puerperal)— Mastitis						
Abscess of Breast						
Total carried forward	6	-159	34	165	8	

GEORGETOWN HOSPITAL-continued.

Diseases,		Remaining in Hospital	Yearly	Total.	Total Cases	Remain- ing in Hospital	Remarks,
Madeigeo.		at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	Remarks.
Brought forward		6	159	34	165	8	
VIII.—PUERPERAL STATE						1	
143. A.—Normal Labour			1		1		
B.—Accidents of Pregnan							
(a) Abortion				***			
(b) Ectopic Gestation				***			
(c) Other accidents Pregnancy	of	100 8		10000	300	1000	
144. Puerperal Hæmorrhage							
45. Other accidents of Partur							
146. Puerperal Septicæmia	***			***			
147. Phlegmasia Dolens							
148. Puerperal Eclampsia	***						
149. Sequelæ of Labour	41.						
150. Puerperal affections of Breast				1 300	900		
Dieast	***			***			
IX.—Affections of the Skin Cellular Tissues.	AND			-	-		
151. Gangrene			1		1		
152. Boil—		1992		1111			
Carbuncle							
153. Abscess— Whitlow		1	,		,		
0.11.11/2			7		7		
154. A.—Tinea		***					
B.—Scabies			1		1		
155. Other Diseases of the Sk	-						
Erythema	***	7	24	***	31	5	
Urticaria				***			
Eczema	***		2	***	2	***	
Herpes Psoriasis	***	***		***	***		
Elephantiasis		1	9		10	2	
Myiasis							
Chigoes							
Cutaneous Leishmaniasi	s			***	***		
X.—Diseases of Bones Organs of Locomotion (o	AND						
THAN TUBERCULOUS). 156. Diseases of Bones—				Total I			
Osteitis			3		3		
	***	***		10000		200	
157. Diseases of Joints—						· ···	
Arthritis			1		1	1	
Synovitis						***	
158. Other Diseases of Bone	-		0	1 3 400	2	the state of	
Organs of Locomotion	***		2			****	
XI.—Malformations.		1	THE PARTY	1 748	F 111 14		
159. Malformations—		1 1 1 1 1 1	8 13			-	
Hydrocephalus			***				-

Hypospadias						1777	
Spina Bifida, etc	***	200	***	***	***	***	

GEORGETOWN HOSPITAL-continued.

	Diseases.	Remaining in Hospital	Yearly 7	Total.	Total Cases	Remain- ing in Hospital	Remarks.
_		at end of 1927.	Admissions.	Deaths.	Treated.	at end of 1928.	
	Brought forward	14	211	34	225	16	
100	XII.—DISEASES OF INFANCY.						
	Congenital Debility	***		***	***		
	Other affections of Infancy	***	***	***	***		
	Infant neglect (infants of three	***		***	***	***	
100.	months or over)					100	
					***	***	
	XIII.—Affections of Old Age. Senility—						
	Senile Dementia	***		***	***		
XIV	.—Affections produced by External Causes.						
165.	Suicide by Poisoning						
	Corrosive Poisoning						
167.	(intentional) Suicide by Gas Poisoning						
168.	Suicide by Hanging or Strangu-			1981	1000	The same of	
	lation			***	***		
	Suicide by Drowning			***	***		
	Suicide by Firearms		***		***		
171.	Suicide by cutting or stabbing			Total I	1000		
170	Instruments	***		***			
112.	Suicide by jumping from a						
173	height Suicide by crushing	***		***	***		
	Other Spicides	***		***	***	***	
	Food Poisoning—	***		***	***		
110.	Rotuliano	200		7000	11000	1 2200	
176.	Attacks of poisonous animals			***	***		
7.000	Snake Bite			***	***	***	
	Insect Bite					***	
177.	Other accidental Poisonings						
	Burns (by Fire)		2		2		
179.	Burns (other than by Fire)						
180.	Suffocation (accidental)	***					
181.	Poisoning by Gas (accidental)						
182.	Drowning (accidental)						
183.	Wounds by Firearms (war ex-						
101	cepted)	***	4		4	1	
104.	Wounds (by cutting or stabbing						
185	Wounds (by Fell)	***	***	***	***	***	
186	Wounds (by Fall) Wounds (in Mines or Quarries)		1		1		
187	Wounds (by Mashingan)	***			***	***	
188.	Wounds (crushing, e.g., rail-		***		***		
SELECT.	way accidents, etc.)	1	1000	-	The same of		
189.	Injuries inflicted by Animals,			***	***	***	
	Bites, Kicks, etc		1	200	1	10000	
190.	Wounds inflicted on Active				-	***	
	Service	***				1	
191.	Executions of civilians by			1988	200		
100	belligerents	***			***		
192.	A.—Over fatigue	***					
	B.—Hunger or Thirst						
	Total carried forward	14	010	61	000		
	Total carried forward	14	219	34	233	17 ;	

Table V .- continued.

GEORGETOWN HOSPITAL-continued.

Admissions. Deaths. Treated. at end of 1927.	Diseases.	Remaining in Hospital	Yearly 7	rotal.	Total Cases	Remain- ing in Hospital	Remarks.
XIV.—Affections Produced by External Causes—condd. 193. Exposure to Cold, Frost bite, etc			Admissions.	Deaths.	Treated.		
S. Exposure to Cold, Frost bite, etc	Brought forward	14	219	34	233	17	
## STATEMENT CAUSES—contd. 93. Exposure to Cold, Frost bite, etc	IV.—Affections Produced by			The same of			
94. Exposure to Heat— Heatstroke			1	160			
1	93. Exposure to Cold, Frost bite,		-	. 3 1			
Heatstroke Sunstroke Sunstroke Sunstroke St. Lightning Stroke St. Lightning St. Lightning Stroke St.	THE RESERVE OF THE PARTY OF THE						
Sunstroke	The state of the s			The Park	1000		
95. Lightning Stroke 96. Electric Shock	0 1 1						
96. Electric Shock 97. Murder by Firearms 98. Murder by cutting or stabbing Instruments 99. Murder by other means 00. Infanticide (Murder of an infant under one year) 10. A.—Dislocation 1	The second secon		200		200	333	
10 10 10 10 10 10 10 10	96. Electric Shock			***		***	
Instruments							
99. Murder by other means 00. Infanticide (Murder of an infant under one year) 11 12 13 14 15 16 17 17 18.—Sprain 19 10 10 10 10 11 12 13 14 15 16 17 17 18.—Sprain 19 10 20. Other external Injuries 10 21 22 23 24. Sudden Death (cause unknown) 25 26. Other external ready specified or ill-defined— Ascites Asthenia Asthenia 25 Shock Hyperpyrexia B.—Malingering CVI.—Diseases, the total of thick have not caused 10 Deaths 3 3 3			1000				
00. Infanticide (Murder of an infant under one year)							
infant under one year)		***	***	***	***		
1		***	***	***		***	
C.—Fracture 2				***	100		
02. Other external Injuries			1	***		***	
O3. Deaths by Violence of unknown cause XV.—ILL-DEFINED DISEASES. O4. Sudden Death (cause unknown) O5. A—Diseases not already specified or ill-defined— Ascites				***			
XV.—Ill-defined Diseases. 04. Sudden Death (cause unknown) 05. A—Diseases not already specified or ill-defined— Ascites		1	16	***	17	1	
XV.—ILL-DEFINED DISEASES. 04. Sudden Death (cause unknown) 05. A—Diseases not already specified or ill-defined— Ascites							
04. Sudden Death (cause unknown) 05. A—Diseases not already specified or ill-defined—				***			
04. Sudden Death (cause unknown) 05. A—Diseases not already specified or ill-defined—		1 - 200	-				
05. A—Diseases not already specified or ill-defined— Ascites	XV.—Ill-defined Diseases.						
fied or ill-defined—		****	***			***	
Ascites		100	-10		1		
Asthenia	Contract to the contract to th		1	1	- 1		
Asthenia	(TL)						
Shock Hyperpyrexia B.—Malingering WVI.—Diseases, the total of which have not caused 10 Deaths. 3 3		1000				2013	
B.—Malingering							
CVI.—Diseases, the total of which have not caused 10 Deaths. 3 3						***	
FHICH HAVE NOT CAUSED 10 DEATHS 3 3	B.—Malingering	***		***		***	
FHICH HAVE NOT CAUSED 10 DEATHS 3 3			1000				
WHICH HAVE NOT CAUSED 10 DEATHS 3 3	VI DISPASES THE TOTAL OF	2.3					
	HICH HAVE NOT CAUSED 10 DEATHS.		3		3		
				100			
			100				
				Tracking to the same of			
			1000				
		-		-			
		E	19		H. THEFT		
		770	-10		7 100	- 1	
			1				
			-		100	111111111111111111111111111111111111111	
						1	
			Maria			-	
Total 17 243 35 260 18	The state of the s		243	35	260	18	-

APPENDIX IV.

TABLE VI.

GEORGETOWN HOSPITAL.

			Disea	ses.					Males.	Females.
	1.—Ерпреміс,	ENDE	MIC	AND I	VERCTIC	ous Dis	EASES			
1.	Enteric Group-	22112111		21112	· · · · · · · · · · · · · · · · · · ·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2		and the same
•	(a) Typhoid Fe	ever						200		
	(b) Paratyphoi			***	***		***		***	***
	(c) Paratyphoi			***	***	***	***	***		***
	(d) Type not d		***	***	***		***	***		***
	m 1		***	***		***			***	
	Relapsing Fever	***	***	***	***		***	- ***	***	***
	Undulant Fever	***	***	***	***	***	***	***		***
	Malaria—	***	***	***	***	***	***	***	***	***
	(a) Tertian	***	***	***	***	***	***	***		***
	(b) Quartan		***	****	***	****	***	***	100	
	(c) Aestivo-aut	umnai	***	***		***	***	***	189	67
	(d) Cachexia	***	***	***	***	***	***	***	3	1
	(e) Blackwater	***		***	***	***	***		***	
	Smallpox—							1		WE WOUld BE
	Alastrim					***	***			10000
	Measles	***		***			***		***	***
	Scarlet Fever			***						
	Whooping Cough				***		***		***	
	Diphtheria									
	Influenza						***		21	7
	Miliary Fever									
	Mumps									
	Cholera							77.90		***
	Epidemic diarrhœ									***
	Dysentery—	-	***	***			***	***	***	***
	(a) Amoebic									100000000000000000000000000000000000000
	(b) Bacillary		***	***	***		***	***		***
	(c) Undefined o	r due +		hor oon	***	***	***	***	ii	***
	Plague —	n due t	000	ner cau	565	***	***	***	- 11	***
	(a) Bubonic									250 120
	(b) Pneumonic	***	***	***	***	***	***	***	***	
			***	***	***	***	***	***	***	***
	(c) Septicæmic		***	***	***	***	***	***	***	***
	(d) Undefined	***		***	***	***	***		***	
	Yellow Fever		***		****	***	***		***	
	Spirochaetosis icte	ero-haer	morr	hagica	***	***	***		***	
	Leprosy	***			***	***	***		12	3
	Erysipelas	***	***		***					***
-	Acute Poliomyelit	18		***	***		***		****	***
	Encephalitis Leth:	argica				***			***	
	Epidemic Cerebro-	-spinal	Feve	er				***	***	
4	Other Epidemic D	iseases	-					20000		The state of the s
	(a) Rubeola (G	erman .	Meas	sles)					O	
	(b) Varicella (C	hicken-	pox)						1723
	4-1 T7-1						***			
	(d) Phlebotomu		r					- 9	2	
	(e) Dengue						***			
	(f) Epidemic D			***			***	***	***	***
	(g) Yaws				***	***		***	50	10
	(h) Trypanoson				***	***	***	***	52	19
1	Glanders		***	***	***	***	***	***	6	3
	Anthon	***		***	***	***	***	***	***	***
	Dabias	***	***	***	***	***	***	***		
	Totanna	***	***	***	***	***	***	***		
	Mwaaaia	***	***	***	***	***	***			
-	stycosis	***	***	***	***	***		***		***
				Total ca		-		-		
									296	100

GEORGETOWN HOSPITAL-continued.

			Disea	ses.					Males.	Females.
T	-EPIDEMIC, ENDE	MIC		Brought i			 ESco	utd.	296	100
	Tuberculosis, Pulmo								4	2
2	Tuberculosis of the	Menin	ores o	or Centra	al Nerv					
	Tuberculosis of the								Z-17	
	Tuberculosis of the									***
	Tuberculosis of Bor									
	Tuberculosis of othe					***	***			
•	(a) Skin or Subc				upus)					I do
	(T) T)								1	
	(c) Lymphatic S									
	(d) Genito-urina									
	(e) Other Organs									
-	Tuberculosis dissem			***	***					***
	1-1-1-1-1			***	1442	2000			2	I such
	(II) Olympia				***					
	Syphilis-	5000	-	***	***		***		***	
-	(a) Daimen									100000
	123 (3 3								ï	
	4 h FRE 12							4	3	2
	(d) Hereditary				-				1	
	(e) Period not in	40	-							
9.	a ti a							20	3	250
	A.—Gonorrhœa and		ompl						32	
	B.—Gonorrhœal Op									
	C.—Gonorrhœal Ar									
	D.—Granuloma Ve									
1	Septicæmia									
	Other Infectious Di						***	***		
-	Trypanosomiasis				45.00	3000	2000			-
	II. Commercia	Deam	ALC: NO	27/200 2000	ATOMIC OF SEC.		OTTE			
	II.—GENERAL									
	Cancer or other ma	lignan	t Tu	mours of	f the E	Buccal	Cavity			
1.	Cancer or other ma	lignan dignar	t Tu	mours of	f the E	Succal Stoma	Cavity ch or I	liver		
4.	Cancer or other ma Cancer or other ma Cancer or other	lignan lignar maligr	t Tu	mours of	f the E	Succal Stoma	Cavity ch or I	liver		
4.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Recta	lignan dignar maligr am	t Tu nt Tu nant	mours of umours of Tumou	f the H	Succal Stoma the	Cavity ch or I Periton	eum		
4.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m	lignan dignar maligi am aligna	t Tu nt Tu nant 	mours of imours of Tumou fumours	f the Hof the irs of	Succal Stoma the	Cavity ch or I Periton ale Ge	eum nital		
4. 5. 6.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Recta Cancer or other m Organs	lignan alignar malign am aligna	t Tu nt Tu nant nt T	mours of imours of Tumou Tumours	f the I of the i rs of of the	Stoma the e Fem	Cavity ch or I Periton ale Ge	eum nital		
4. 5. 6.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Recta Cancer or other m Organs Cancer or other ma	lignan alignar malign am aligna 	t Tu nt Tu nant nt Tu	mours of imours of Tumou fumours mours of	f the H	Succal Stoma the Fem	Cavity ch or I Periton ale Ge	Liver eum nital		
4. 5. 6. 7.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma	lignan dignar maligr am aligna lignan lignan	t Tunt Tunant Int Tunant Int Tunt Tunt Tunt Tunt	mours of tumours of Tumours Tumours mours of mours of	f the E	Stoma the E Fem Breast kin	Cavity ch or I Periton ale Ge	Liver leum nital		
4. 5. 6. 7. 8.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Recto Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma	lignan dignar malign am aligna lignan lignan	t Tunant Int Tunant I	mours of mou	f the F of the insert of the S f the S f Organ	Stoma the Fem Breast kin ns not	Cavity ch or I Periton ale Ge	nital		
4. 5. 6. 7. 8. 9.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig	lignan dignar malign maligna dignan lignan dignan mant	t Tunant Int Tunant I	mours of mou	f the F of the S of the of the f the E f the S f Orga	Buccal Stoma the e Fem Breast kin ns not	Cavity ch or I Periton ale Ge	Liver leum nital 		
4. 5. 6. 7. 8. 9. 0.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism	lignan alignar malignan alignan lignan lignan gnant	t Tunt Tunant Int Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tu	mours of	f the F of the S rs of of the E f the S f Orga	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	Liver leum nital 		
4. 5. 6. 7. 8. 9. 0. 1. 2.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatis	lignan alignar malignan alignan lignan lignan mant m	t Tunt Tunant III Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tunt	mours of Tumours of Tumours of mours of mours of tumours of tumour	f the F of the S rs of of the of the S f the S f Orga	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	nital	 3 156	
4. 5. 6. 7. 8. 9. 0. 1. 2. 3.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatiss Scurvy (including I	lignan lignar maligram lalignan lignan lignan gnant m Barlow	t Tunt Tunant Int Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tu	mours of mou	f the F of the S rs of of the E f the S f Orga	Buccal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	nital	 3 156	
4. 5. 6. 7. 8. 9. 0. 1. 2. 3. 4.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatiss Scurvy (including I Pellagra	lignan alignar malignan alignan lignan lignan mant m	t Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tun	mours of mou	f the I of the is rs of of the S f Orga	Buccal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	nital	 3 156	86
4. 5. 6. 7. 8. 9. 1. 2. 3. 4. 5.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatism Scurvy (including I Pellagra Beri-Beri	lignan dignar malignan alignan lignan lignan mant m Barlow	t Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tun	mours of mou	f the E	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	eum nital ed	 3 156	86
4. 5. 6. 7. 8. 9. 1. 2. 3. 4. 5. 6.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatiss Scurvy (including I Pellagra Beri-Beri Rickets	lignan dignar malignan alignan lignan lignan mant m Barlow	t Tu	mours of Tumours of Tumours of mours of mours of tumours of tumour	f the E	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	eum nital ed	 3 156 	86
5. 5. 6. 7. 8. 6. 7. 8. 6. 7.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rectu Cancer or other m Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatism Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu	lignan dignar malignan alignan lignan lignan mant m Barlow	t Tu	mours of Tumours of Tumours of mours of mours of tumours of tumour	f the E	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	eum nital ed	 3 156	86
1. 5. 5. 7. 3. 9. 1. 2. 3. 4. 5. 5. 7.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatisms Chronic Rheumatisms Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia—	lignan lignar malignan lignan lignan lignan lignan mant m Barlow ding I	tt Tunt Tunt Tunt Tunt Tunt Tunt Tunt Tu	mours of Tumours of Tumours of mours of mours of tumours of tumour	f the E	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	eum nital ed	 	86
5. 5. 6. 7. 8. 6. 7. 8. 6. 7.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatisms Chronic Rheumatisms Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia— (a) Pernicious	lignan alignar malignan alignan lignan lignan spant m Barlow ding I	tt Tunt Tunnant nt T tt Tu tt Tu tt Tu tt Tu	mours of mou	f the E of the is rs of of the E of the S of Orga	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	ed	 	86
1. 3. 1	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatism Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia— (a) Pernicious (b) Other Anæmi	lignan alignar malignan alignan lignan lignan lignan ding I ding I	tt Tunant nnt T nnt T tt Tu tt Tu tt Tu d Ch	mours of mou	f the E of the is rs of of the E of the S of Orga	Succal Stoma the e Fem Breast kin ns not 	Cavity ch or I Periton ale Ge specifi	eum nital ed	 	86
4. 5. 6. 7. 8. 9. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatism Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia— (a) Pernicious (b) Other Anæm Diseases of the Pita	lignan alignar malignan alignan lignan lignan lignan ding I ding I	tt Tunant Int Tunant Int Tunant It Tu	mours of mou	f the E of the is rs of of the E of the S of Orga	Succal Stoma the e Fem Breast kin ns not	Cavity ch or I Periton ale Ge specifi	ed	 	86
4. 5. 6. 7. 8. 9. 1. 2. 3. 4. 5. 6. 7. 8.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Tumours non-Malig Acute Rheumatisms Chronic Rheumatisms Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia— (a) Pernicious (b) Other Anæm Diseases of the Pitt Diseases of the Thy	lignan lignar malignan lignan lignan lignan lignan ding I ding I uias an uitary yroid (tt Tu nt Tu tt Tu tt Tu tt Tu tt Tu tt Tu dt Tu dd Ch Bod Glance	mours of mou	f the E of the S of the S of Orga	Succal Stoma the e Fem Breast kin ns not	Cavity ch or I Periton ale Ge specifi	ed	 	86
4. 5. 6. 7. 8. 9. 1. 2. 3. 4. 5. 8. 9.	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Cancer or other ma Cancer or other ma Tumours non-Malig Acute Rheumatism Chronic Rheumatism Chronic Rheumatism Scurvy (including I Pellagra Rickets Diabetes (not inclu Anæmia— (a) Pernicious (b) Other Anæm Diseases of the Pitt Diseases of the Thy (a) Exophthalm	lignan lignar malignan lignan lignan lignan lignan dignan m Barlow ding I ding I iias an uitary yroid (ie Goit	t Tunant nt Tu t Tu t Tu t Tu t Tu t Tu d Ch Bod Gland	mours of mou	f the E of the S of the S of Orga	Buccal Stoma the e Fem Breast kin ns not	Cavity ch or I Periton ale Ge specifi	ed	 	86
the second secon	Cancer or other ma Cancer or other ma Cancer or other Intestines, Rector Cancer or other ma Organs Cancer or other ma Tumours non-Malig Acute Rheumatisms Chronic Rheumatisms Scurvy (including I Pellagra Beri-Beri Rickets Diabetes (not inclu Anæmia— (a) Pernicious (b) Other Anæm Diseases of the Pitt Diseases of the Thy	lignan lignar malignan lignan lignan lignan lignan dignan m Barlow ding I ding I iias an uitary yroid (ie Goit	t Tunant nt Tu t Tu t Tu t Tu t Tu t Tu d Ch Bod Gland	mours of mou	f the E of the S of the S of Orga	Buccal Stoma the e Fem Breast kin ns not	Cavity ch or I Periton ale Ge specifi	ed	 	86

GEORGETOWN HOSPITAL-continued.

	Dise	ases.					Males.	Females.
Total I	1	Brought f	forward				545	305
II.—GENERAL	DISEASES 2	OT MEN	TIONED	ABOVE	-conte	i.		The state of the s
1. Diseases of the	Para-Thyro	d Glands						
Diseases of the	Thymus	***						
Diseases of the	The state of the s	Glands					***	
 Diseases of the Leukæmia— 	Spleen		***	***	***	***		
(a) Leuksem	ia	***	***		***			
(b) Hodgkin	's Discase							
. Alcoholism			***		***	***		***
Chronic poison Chronic poison	ing by miner ing by orga	al substa nic subst	ances (le	ead, m Morph	ercury, ia, Coc	&c.) aine,		-
&c.) Other General				***	***			
Auto-intoxio								
Purpura Hæ			***	***	***		•••	
Hæmophilia								
Diabetes Ins	apidus	***	***	***	***			
I.—Affections		RVOUS S	YSTEM	AND	Organs	S OF		
								The state of the s
. Encephalitis (n . Meningitis (not	including T	uberculou	litis Let ns Meni	hargic ngitis	a) or Cere	bro-	***	
spinal Menii Locomotor Ata		***	***	***		***	***	
. Other affection		al Cord	***	***				
. Apoplexy—		ar cord	***	***	***	***		***
(a) Hæmorr (b) Embolisi	nage		***		***	***		
(c) Thrombo	ala.		***	***	***			
. Paralysis— (a) Hemiple		***	***				1	***
(b) Other Pa			***	***	***	27		***
. General Paraly	sis of the Ins	ane		***	***			
. Other forms of	Mental Alier	ation	***	***	***	***		
Parilones	**** ***		***	***	***		ï	ï
. Eclampsia, Con	vulsions (nor	-puerper	al) 5 ve	ars or	over			
. Infantile Convi	ilsions			****	****		***	
. Chorea					***			
. A.—Hysteria		***	***	***		***	***	
B.—Neuritis					***		6	
C.—Neurasther	iia	***	***	***	***			2
Other offsetion	ing							
Agitans		***	rstem, s	such a	s Para	lysis	11	3
. Affections of th		Vision-						1 1000
(a) Diseases			***				1	2
(b) Conjunct		***	***			***	53	29
(c) Trachom		***	***	***	***			1
(d) Tumours		Fre	***	***	***			10000
(e) Other aff	e Ear or Mas	toid Sing		***	***	***	5	
			ACT AND			***	22	12
. Affections of th	o mai or mas	tora com			1000	-	77	1

GEORGETOWN HOSPITAL-continued.

88. A 89. A 90. O 91. D 92. E 93. D 94. D	IV.—AFFECTIONS OF Pericarditis Leute Endocarditis or Mangina Pectoris Other Diseases of the Ho (a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins Phlebitis	Iyocar eart—	ditis	forwa		EM		645	355
88. A 89. A 90. O 91. D 92. E 93. D 94. D	Pericarditis Leute Endocarditis or Mangina Pectoris Other Diseases of the Ho (a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	Iyocar eart—	ditis						
992. E 993. D	Acute Endocarditis or Mangina Pectoris Other Diseases of the Ho (a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	Iyocar eart—							
992. E 993. D	Angina Pectoris Other Diseases of the He (a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	eart							
00. O 01. D 02. E 03. D 04. D	Other Diseases of the He (a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	eart—							
1. D 2. E 3. D 4. D	(a) Valvular— Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins								
2. E 3. D 4. D	Mitral Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	-							
2. E 3. D 4. D	Aortic Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	-							
22. E 33. D 44. D	Tricuspid Pulmonary (b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	-							
2. E 3. D 4. D	Pulmonary (b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	-					***	111	111
22. E 33. D 44. D	(b) Myocarditis Diseases of the Arteries- (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins					***	75053		The second secon
22. E 33. D 44. D	Diseases of the Arteries— (a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins	- 						ii	2
22. E 33. D 44. D	(a) Aneurism (b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins					***		**	-
3. D 4. D	(b) Arterio-Sclerosis (c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins							1	1
3. D 4. D	(c) Other diseases Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins							· î	
3. D 4. D	Embolism or Thrombosi Diseases of the Veins— Hæmorrhoids Varicose Veins		***	***	***				
4. D	Hæmorrhoids Varicose Veins	279	-cereb	ral)				1	
5. H	Varicose Veins						-		
5. H								5	
5. H	Phlebitis								200
5. H									
	Diseases of the Lympha			-					
	Lymphangitis				***	***	***	4	1
	Lymphadenitis, Bubo					***	***	12	3
ю. О	Immorrhage of undeter				***	***			
	Other affections of the C	arcuia	tory s	ystem	***	***	***	***	***
п. р	Diseases of the Nasal Pa Adenoids Polypus Rhinitis	ussages 							3
	Coryza		***		***		***	11	9
98. A	Affections of the Larynx	-						25 10 10 10	Maria Sala
9. B	Laryngitis Bronchitis—			***		***		1	

o D	Panaha Duammania		***			***		226	118
	Broncho-Pneumonia Pneumonia—		***	***	***	***	***		1
A. A.	(a) Taban						Total .	9	4
	(1) TT. 1 10.3		***	***	***	***			
2. P	12							4	7
	ongestion of the Lungs								
	langrene of the Lungs								
5. A	sthma		***					3	1
	ulmonary Emphysema							2	***
	ther affections of the L		-						
	Pulmonary Spirochæt	osis			***		***		
8. A	VI.—Diseases of —Diseases of Teeth or	Gum		TIVE S	SYSTEM	L.			
	Caries, Pyorrhœa, &c.			***	***	***		34	13
В	3.—Other affections of t	he Mo	outh-					The second secon	WHI THE STATE OF
	Stomatitis		***	***	***	***		13	4
	Glossitis, &c		***			***		13	1
		m .		ed forw				1,003	524

GEORGETOWN HOSPITAL-continued.

		D	iseases.					100	Males.	Females.
			Brou	ght fo	rward				1,003	524
								O'COLO		THE STREET
	VI.—DISEASES OF					M-co1	std.	2		
09.	Affections of the l								10	
				***	***		***		16	6
10					***	***			5	6
	Affections of the					***	***	***	***	
11.	A.—Ulcer of the 8 B.—Ulcer of the 1			***	***	***	***	***	***	
19	Other affections of	- 16 60		h	***	***	***	***		
14.	Ct . 1.1							703	21	11
	Dyspepsia, &c.			***	***	***	***		38	31
13	Diarrhœa and En			***		***		***	00	31
	Under two years								17	8
14	Diarrhœa and En			***	***	***	***		The state of	0
	Two years and o				***				63	15
	Colitis									1 11113
	WAX									- Contraction
l4a	C1									Todalage.
	Ankylostomiasis								4	ï
	Diseases due to In								10-5	THE PARTY OF
	(a) Cestoda (Tæ				***	***			23	5
	(b) Trematoda (The second second
	(c) Nematoda (c							2000		all mitte
							***		15	16
	Trichocepha	alus dis	par							1
	Trichina .			***						
	Dracunculu	8 .							1	
	Strongylus						***			
	Oxyuris .								***	
	(d) Coccidia				***				***	
	(e) Other parasi				***			***	***	***
_	(f) Unclassified.									
	Appendicitis .				***	***				
	Hernia								13	
v.	A.—Affections of	the An	us, Fis	stula,	&c.	***				***
	B.—Other affection		he Int	estine	8-					
	Enteroptosi				***	***	***	***		
0	Constipation	n		:	***	***			653	316
1	Acute Yellow Atre	opny o	the I	aver	***	***		***		
9	Hydatid of the Li Cirrhosis of the Li	ver			***	***	•••		***	***
4.	7 1 41 1 1							-		D OB-ORDER
	(b) Other forms		***	***		***	•••	•••		
3	Dill CLI I		***		***	***	***	- ***	***	
	Other affections of		ivor-	***	***			***	***	3330
	41									Motor .
	III-madiale			***	***	***		***	***	***
	01. 1			***	***	***		***	· ···	***
	Tanadia.				***	***		***	***	111111111111111111111111111111111111111
25.	Diseases of the Pa				***	***	***	***		
	Peritonitis (of unk		cause)		***	***		***		
7.	Other affections of	f the D	igestiv	ve Sve	tem	***		***		
			-Breeze	Jo	- Carr	***			***	***
					ed forw			4		

GEORGETOWN HOSPITAL-continued.

	Diseas	es.					Males.	Females.
	Br	ought	forward	l			1,872	940
I.—Diseases of t	HE GENITO-U	RINARY	SYSTE	m (non	-VENE	REAL).		21
9 Aanta Vanhaitia						10	3	2
8. Acute Nephritis 9. Chronic								
0. A.—Chyluria						***	****	
B.—Schistosom							3	1
1. Other affections	of the Kidn	eys-						1 5
Pyelitis, etc.		***				***		1
2. Urinary Calcult		***		***	***	***	***	
3. Diseases of the Cystitis							32	8
4. Diseases of the	Urethra—				***		02	0
(a) Stricture							3	
(b) Other							1	
5. Diseases of the	Prostate-							I STATE
Hypertrophy						***	***	
Prostatis								***
3. Diseases (non-V			1000		Man)-	-		
Epididymitis Orchitis		***	***		***			
Hydrocele		***				***	6	
Ulcer of Penis							6	
. Cysts or other (
3. Salpingitis—						-1		
Abscess of the					***			4
O. Uterine Tumou								
). Uterine Hæmor I. A.—Metritis	*			***				
B.—Other affec	tions of the I		Genita	Organ		***		8
	nents of Uter		Gemen					3
Amenorrh								12
Dysmeno	rrhœa	***						8
Leucorrhe								1
2. Diseases of the	The second secon	puerper	al)—			Yamil		
Mastitis								1
Abscess of Bre	east	***		***	***			***
						77		
	VIII.—Pu	ERPERA	L STAT	E.				
3. A.—Normal La			***	***				
B.—Accidents		-				2		
(a) Abort		•••	***	***	***	***		6
	ic Gestation accidents of	Promo	****	***	***			
. Puerperal Hæm		riegna		***	****			
. Other accidents		n	***			***		
. Puerperal Septi			***	***	***		***	
. Phlegmasia Dol	lens		***					
. Puerperal Eclan				***	***	***		
). Sequelæ of Lab								
). Puerperal affect	ions of the B	reast	***	***	***	***	***	1
							The same of the sa	

GEORGETOWN HOSPITAL-continued.

		Dise	ases.					Males.	Females
Ore	20	10	Brought	forwa	ard			1,926	996
IX.—Affection	70 OF	***** S	lers in	Corr	*** . **	Tracrin			
51. Gangrene		ine :		OBLI					
52. Boil—	****	****		****	***		***	***	***
Carbuncle	***							12	5
53. Abscess—							1	77	
Whitlow	***	***	***	***	2000	***		17	6
Cellulitis	***	***			***			33	8
54. A.—Tinea	***		***	***	***	***	***	8	5
B.—Scabies			***		***	***		36	9
55. Other Diseases	of the	Skin-							The state of the state of
Erythema	***	***	***	***	***			140	39
Urticaria	***	***	***	***	***	***	***	***	
Eczema Herpes	***	***	***	***	***		***	41	15
Psoriasis		***		***	***	***	***		
Elephantiasis		***		***	***		***	5	***
Myiasis							***		***
Chigoes									
Cutaneous Leis									
							3000		HALL SE
6. Diseases of Bone	es—	THAN	Tubercu	Lous).			11111	1300
6. Diseases of Bone Osteitis 7. Diseases of Joint Arthritis Synovitis	ts—). 			11 8 2 12	1 3 6
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 68. Other Diseases of	ts— f Bon	 es or (Loco). 			8 2	3
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 68. Other Diseases of	ss— ts— f Bon	es or (Organs of	 Loco	 motion			8 2 12	3
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 68. Other Diseases of 69. Malformations— Hydrocephalus	ts— f Bon	es or (Organs of	Loco	 motion			8 2 12	3 6
6. Diseases of Bone Osteitis 7. Diseases of Joint Arthritis Synovitis 8. Other Diseases of Hydrocephalus Hypospadias	ts— f Bon	es or (Organs of	Loco	 motion			8 2 12	3 6
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 68. Other Diseases of 9. Malformations— Hydrocephalus	ts— f Bon	es or (Organs of	Loco	 motion			8 2 12	3 6
osteitis To Diseases of Bone Osteitis To Diseases of Joint Arthritis Synovitis Synovitis See Other Diseases of Malformations— Hydrocephalus Hypospadias Spina Bifida, &	ts— ts— f Bon XI.—	es or (Organs of	Loco	 motion			8 2 12	3 6
57. Diseases of Joint Arthritis Synovitis 58. Other Diseases of 69. Malformations— Hydrocephalus Hypospadias Spina Bifida, &	ts— ts— its— its— its— its— its— its— it	es or (Organs of	Loco	 motion			8 2 12	3 6
osteitis ostei	ts— ts— its— its— its— its— its— its— it	es or (Organs of ORMATION	Loco	 motion			8 2 12	3 6
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 88. Other Diseases of 9. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XII 0. Congenital Debil 1. Premature Birth 2. Other affections	ts— ts— f Bon XI.— its— its— its— its— its— its— its— its	es or (Organs of ORMATION	Loco				8 2 12	3 6
66. Diseases of Bone Osteitis 67. Diseases of Joint Arthritis Synovitis 88. Other Diseases of 9. Malformations— Hydrocephalus Hypospadias Spina Bifida, & XII 0. Congenital Debil 1. Premature Birth 2. Other affections	ts— ts— f Bon XI.— its— its— its— its— its— its— its— its	es or (Organs of ORMATION	Loco				8 2 12	3 6
osteitis T. Diseases of Joint Arthritis Synovitis Synovitis Synovitis Other Diseases of Hydrocephalus Hydrocephalus Hypospadias Spina Bifida, & XII Congenital Debil Premature Birth Other affections Infant neglect (in	ts— ts— f Bon XI.— its— its— its— its— its— its— its— its	es or (Organs of ORMATION s of Inf	Loco	 motion			8 2 12	3 6
osteitis To Diseases of Bone Osteitis To Diseases of Joint Arthritis Synovitis Synovitis Synovitis So Other Diseases of Malformations— Hydrocephalus Hypospadias Spina Bifida, & XII O. Congenital Debil Premature Birth Other affections Infant neglect (in	ts— ts— f Bon XI.— its— its— its— its— its— its— its— its	es or (Organs of ORMATION	Loco	 motion			8 2 12	3 6
Osteitis Osteitis Synovitis Synovitis Synovitis Some Diseases of Header Diseases of Joint Arthritis Synovitis	ts— f Bon XI.— ity of Infants —Arr	es or (Organs of ORMATION s of Inf	Loco	 motion			8 2 12	3 6
osteitis ostei	ts— f Bon XI.— ity of Infants —Arr	es or (Organs of ORMATION s of Inf	Loco	 motion			8 2 12	3 6
of. Diseases of Bone Osteitis The Diseases of Joint Arthritis Synovitis Synovitis Other Diseases of Malformations— Hydrocephalus Hypospadias Spina Bifida, & Congenital Debil Premature Birth Other affections Infant neglect (in XIII. Senility—	ts— f Bon XI.— ity of Infants —Arr	es or (Organs of ORMATION s of Inf	Loco	 motion			8 2 12	3 6
of. Diseases of Bone Osteitis The Diseases of Joint Arthritis Synovitis Synovitis Other Diseases of Malformations— Hydrocephalus Hypospadias Spina Bifida, & Congenital Debil Premature Birth Other affections Infant neglect (in XIII. Senility—	ts— f Bon XI.— ity of Infants —Arr	es or (Organs of ORMATION s of Inf	Loco	 motion			8 2 12	3 6

Table VI.—continued.

GEORGETOWN HOSPITAL-continued.

						Males.	Females.
Н	rought fo	rward				2,257	1,100
VIV L	1		0		10000		
XIV.—Affections produ	UCED BY I	EXTER	NAL C.	AUSES.			
5. Suicide by Poisoning			***	***	***		
6. Corrosive Poisoning (intent							
7. Suicide by Gas Poisoning				***			
Suicide by Hanging or Stra	ngulation	***					
9. Suicide by Drowning	***	***					
O. Suicide by Firearms							***
1. Suicide by cutting or stabb		ments		***			***
2. Suicide by jumping from a			***	***	***		
3. Suicide by crushing			***	***	***		
4. Other Suicides 5. Food Poisoning—	***		***	***	***		
D. L. P.	3 220				2500	2/2	200
6. Attacks of poisonous anima	als—			***	***		
Snake Bite							
Insect Bite						2	
7. Other accidental Poisoning							
8. Burns (by Fire)							
9. Burns (other than by Fire)						6	4
0. Suffocation (accidental)							
 Poisoning by Gas (accident 	al)				***		
2. Drowning (accidental)		***	***	***		***	
3. Wounds by Firearms (war						1	
4. Wounds (by cutting or stal		rument	(8)	***	***		
5. Wounds (by Fall)		***	***	***	***		***
 Wounds (in Mines or Quart Wounds (by Machinery) 	CONTRACTOR OF THE PARTY OF THE	***		***	***		***
8. Wounds (crushing, e.g., rail	way accid	ents &	···	***			***
9. Injuries inflicted by animal							
0. Wounds inflicted on Active							
1. Executions of civilians by							
2. A.—Over fatigue							
B.—Hunger or Thirst							
Exposure to Cold, Frost Bi	tes, &c.				***		
4. Exposure to Heat—							
Heatstroke							
Sunstroke					***		
5. Lightning Stroke	***	***		***	***		***
6. Electric Shock	***			•••		***	***
7. Murder by Firearms	ing Instru	···	***	***	***	***	***
 Murder by cutting or stabb Murder by other means 	ing instru		***	***	***		444
0. Infanticide (Murder of an i	nfant und	er one	vear	***	***		***
1 A Dislocation				***		1	1
B.—Sprain					***	48	î
C.—Fracture	***		***			1	
2. Other external Injuries						202	24
3. Deaths by Violence of unk							***

GEORGETOWN HOSPITAL-continued.

	D	iseases.					Males.	Females.
-		Brough	t forward	1			2,518	1,130
	XV.—ILL-I	Denrens	Drenter				42.00	3,000
. Sudden Death	(cause un	known)						
A.—Diseases	not already	specifie		efined-	-			
Ascites Œdema							1	
Asthenia							12 16	1 5
Shock				***				
Hyperpyrex	ia			***				
B.—Malingeri	ng	•••		***	***	***		***
							- The	The state of the s
VI D						-		111
VI.—Diseases,	THE TOTA	DEATHS.	HICH HAV	E NOT	CAUSE	D 10		177
		DEATHS.						
								Description of the last
								198918
								The sales of the s
								The same
				-			Second Stewart	C MONEY
								The second
								11111111
								Henry
								100000
						7		
						-		

APPENDIX V.

RETURN OF	PATIENTS	TREATED	AT	KA-AUR	DISPENSARY	DURING 1928.
-----------	----------	---------	----	--------	------------	--------------

l for the	year	***		***	***				1,411	
	January								182	
	February								210	
	March								129	
		***		***	***	***				
	April	***	***	***	***	(***)	***	***	256	
	May				***	****	***		148	
	June			***	***	***			8	
	July								17	
	August								157	
	September								_	
	October									
	November							***	184	
	December								120	

Dispensary was closed from 5th June to 29th July for Dispenser's leave, and from 28th August to 2nd November whilst Dispenser was relieving at Georgetown.

Average daily number of patients, 5.

Total

Prevalent diseases were ulcer, malaria, constipation, injuries, diseases of the eye, helminthic diseases. First attendances only are included in the figures for both dispensaries.

(Sgd.) S. G. HARRISON,

M.O. Protectorate.

APPENDIX VI.

RETURN OF PATIENTS TREATED AT BASSE DISPENSARY DURING 1928.

Total for the	year	 	 	 		1,116
	January	 	 	 		263
	February	 	 	 		231
	November	 	 	 	***	280
	December	 	 	 		342

The Dispensary was closed from 28th February to 12th November owing to the death of the Dispenser.

Average daily number of patients, 9.

Prevalent diseases were ulcer, bronchitis, constipation and digestive disorders, injuries, malaria and helminthic infections.

These figures do not include patients seen at Basse by the Medical Officer while the Dispensary was closed.

(Sgd.) S. G. HARRISON,

M.O. Protectorate.

APPENDIX VII.

RETURN OF PATIENTS TREATED AT BUSH SURGERIES, 1928.

Total for the	year	 		 	 	1,647
	January	 		 	 	133
	February	 		 	 	280
	March	 		 	 	111
	April	 		 	 	59
	May	 		 	 	183
	June	 		 	 	210
	July	 		 	 	119
	August	 		 	 	_
	September	 		 	 	183
	October				 	_
	November	 ***		 	 	218
	December		***	 		151

No Medical Officer was stationed in the Protectorate in August and October.

(Sgd.) S. G. HARRISON,

M.O. Protectorate.

APPENDIX VIII.

TABLE VII.

METEOROLOGICAL RETURN FOR THE YEAR 1928 (GEORGETOWN).

		9	Темре	RATURE.			RAIN	FALL.	WINDS.		
	Solar Maxi- mum.	Mini- mum on Grass.	Shade Maxi- mum.	Shade Mini- mum.	Range.	Mean.	Amount in Inches.	Degree of Hu- midity.	General Direc- tion.	Average Force.	Remarks
January		_	97	51	24	75.6			N.E.	3	
February	-		103	56	34	78-4		-	N.E.	3	
March	-		108	60	40	84-1	-	-	Var.	1	
April			108	61	29	86.5	0.06	-	N.E.	1	-
May			109	73	34	89.7	0-08	*****	N.	1	1
June	-	-	103	70	33	88.2	4.61	-	Var.	3	1003
July			99	70	20	82.6	6.64	-	Var.	3	o burners
August			92	69	20	80.7	8.23	-	N.	3	1000
September	-	-	93	70	18	83.3	13.20		Var.	3	
October			95	70	23	82-1	3.07	-	Var.	3	1000
November	*****	-	95	60	35	74.0	_		Var.	2	-
December			98	56	41	77-0	-		Var.	2	
							35-89				

APPENDIX IX.

Medical Office,
Bathurst, Gambia.
12th December, 1928.

YOUR EXCELLENCY,

I have the honour to forward to you the reports on the five cases of Yellow Fever that have occurred in Bathurst during November and December, 1928.

- 2. Monsieur Julien and Monsieur Lesquern were great friends and sat a great deal together in each other's room. It is difficult to associate the other cases except a rumour which stated the girl, Gertrude Gibson, visited these two Frenchmen and that they also visited her house 34, Stanley Street. In the ground floor of this building is a wine shop controlled by Maurel and Prom, the employees of this firm used to go to the shop to check stores, etc., I can trace no connection with the other two cases.
- 3. Immediately the first two cases were diagnosed the employees of Maurel and Prom were removed from the building and kept under observation but allowed to carry on their daily duties. The whole of the buildings of the firm were thoroughly fumigated and cleansed. Two or three breeding places of Stegomyia Mosquitoes were discovered.

The same steps were taken at the homes of the other cases and the surrounding buildings in each case were also dealt with.

- 4. There was a certain amount of panicking after the two European deaths, but on the other hand these unfortunate cases were the cause of a remarkable amount of energy in the shape of cleaning up the premises of all the firms and the adopting of all possible precautions against Yellow Fever.
- 5. I am somewhat doubtful personally of the diagnosis of the third case, the Jola woman, but one cannot afford to take risks. In my opinion it is better to diagnose ten cases as Yellow Fever which in the end are proved to be some other disease rather than let one real case of Yellow Fever go by undetected.
- 6. Pathological specimens of the fourth case—Gertrude Gibson—were sent by the "EGBA" to the Director, Freetown Laboratory; unfortunately these went astray and were only delivered at Freetown on 10th instant instead of 26th November, so have not yet received the report.

Specimens of the fifth case are being sent on the 14th. With regard to this paragraph, the remarks in my letter to you of 10th instant, with regard to the establishment of a Research Laboratory at Cape St. Mary, have been somewhat appropriate.

Quarantine should end on 23rd instant and I trust that there will be no further cases.

It was unfortunate at the time these cases occurred we were without either a permanent Infectious Disease Hospital or Quarantine Station.

The present weather is much in our favour and against a spread of this disease owing to the cold and dryness and there should be little likelihood of mosquitoes breeding except in receptacles left carelessly unattended. Strict inspection is being carried out by the Public Health Department.

- New disinfecting machines are required. Our present ones are worn out. A new one has already been ordered and a larger variety has been estimated for 1929.
- An extra isolation building of four beds is being erected on the Infectious Diseases Hospital area for suspected or actual native cases.

All mosquito-proof wire at the Hospital has been overhauled and repaired.

- 10. Sea and river crafts are not allowed to be alongside wharves between the hours of 5.30 p.m. and 6.0 a.m.
 - 11. All travellers leaving Bathurst are examined and given certificates if all is satisfactory.
 - 12. We have to consider :-
 - (i) The reservoir, which is most likely the local African, in whom the disease may occur in a mild form and be difficult to diagnose.
 - (ii) The carrier, the mosquito (the Stegomyia or Aedes Calopus and possibly other species of this family).
 - (iii) The Non-Immune, who becomes infected and suffers from the disease; these are chiefly the Europeans and Syrians.

These three constitute the cycle and of the three the one that we can attack best is the mosquito in all stages of its life history. Anti-mosquito work is the best line of prevention that the Public Health Department can carry out.

There is at present no reliable vaccine and even the curative Serum has not been proved effective.

I have the honour to be,
Your Excellency,
Your obedient humble Servant,

(Sgd.) K. B. ALLAN, Senior Medical Officer.

HIS EXCELLENCY.

SIR EDWARD BRANDIS DENHAM, K.B.E., C.M.G., GOVERNOR AND COMMANDER-IN-CHIEF,

GAMBIA.

SENIOR MEDICAL OFFICER,

SIR,

I have the honour to furnish the following report on the two cases of Yellow Fever occurring in Bathurst during November, 1928.

 M. Julien, French, aged 29, a clerk in the employ of Etab. Maurel and Prom, had been in the Colony for over a year and had not had much sickness. I attended him in August for an attack of acute gastritis, lasting 3 days. He was a small thin man of wiry build.

He was said to have been ill with fever for 2 or 3 days when I was first called to see him late in the evening of October 31st. He was complaining of headache and fever. The skin was dry, tem. 103°, urine appeared normal. I could find no parasites in his blood.

[228077]

Next day, he said he felt a little better, but his temperature had risen to 103·8°, at which point it remained all day. His pulse was full and bounding, frequency 94 per minute. The patient complained of frontal headache and pains in the limbs. There was now a trace of albumen in the urine and he showed no sign of responding to the quinine which he was taking in solution—he had now had over 40 grains; there had been no vomiting. The patient had been in a mosquito proof cage since commencement of the illness. When I saw the patient next day (Nov. 2nd) I decided to remove him to hospital and this was at once done. He had now a marked congestion of the eyes, and he complained of the pains in the limbs and back. The skin was dry and the temperature throughout this day remained at 103·8°. Pulse 86. The urine was dark brown and thick with a cloudy deposit; it contained albumen. The tongue was furred. Spleen not enlarged.

November 3rd.—He passed a restless night, and during this day the patient's appearance remained the same. The temperature rose 104·4° in the evening, pulse 86.

November 4th.—The temperature fell to 101.6° in the morning; pulse 74, still full. The patient now began to vomit, for the first time during the illness—the vomit was brown and watery (he had previously drunk a cup of coffee, so it was not noted particularly). As the day went on, the diagnosis became more clear, as the vomit became darker, and a slight yellow tinge appeared in the conjunctiva. While the temperature rose to 103.4°, the pulse remained at 74.

November 5th.—The clinical picture was now plainly that of Yellow Fever; T. 101-8°—Pulse 66 p.m.—Jaundice was more marked. There was frequent vomiting of black tarry-looking material. The eyes were congested, the tongue had a white fur centrally. The urine was acid, loaded with albumen, with heavy deposit, and contained casts and bile. There was complaint of epigastric pain, though the headache and limb pain were gone.

November 6th.—The patient was now weakening markedly. T. 102—T. 101-8°. Pulse 66–70, now weak. Great thirst was complained of, sleeplessness and epigastric pain. The face was pinched and shrunken. Jaundice was deeper. Urine (in last 24 hours 31 ounces) loaded with albumen as before. Black vomit was expulsively ejected almost constantly. Towards evening the patient was delirious, rapidly became unconscious and incontinent, and died at 11.40 p.m. Treatment throughout was symptomatic.

2. M. Lesquern, French, aged 25 was an employee of the same firm and a great friend of M. Julien. He was employed in the shop. He was a man of heavier build, but I was informed that he had been frequently sick with attacks of slight fever during his tour. He also had been more than a year in Bathurst since his leave.

First seen by Dr. Allan, on the evening of November 5th, he was complaining of frontal headache and fever. His temperature was 100°, pulse 88, and he had had no vomiting. He had had a rigor. I admitted him to Hospital on the afternoon of the next day. His temperature was 104°, pulse 106. He was extremely drowsy and only a small quantity of urine was obtained. It contained albumen. No parasites were found in the blood. Spleen normal.

Soon after admission he had a very copious vomit of brownish shreddy material, and, shortly after a large loose stool, very black and tarry.

There was now congestion of the eyes, epigastralgia and slight jaundice, and there was no doubt as to the condition. Evening, T. 102-8°, pulse 102–90 R. 32.

Next day (Nov. 7th) it had become evident that the issue would be rapidly fatal. T. 102·4°, P. 100, now much weaker. Jaundice was marked and there was frequent black vomit of the same nature as in the other case. There was hæmorrhage from the nose during the day and the body was covered with a rash consisting of petechial hæmorrhages.

As the day advanced the patient became weaker. Delirium was followed by coma.

Loose jet-black stools were passed incontinently and black vomit was constantly expelled until death took place at 11.45 that evening. There was suppression of urine from midday on day previous to death.

(Sgd.) J. C. CRUICKSHANK,

Medical Officer.

REPORT ON CASE OF YELLOW FEVER IN NATIVE.

November, 1928.

A Jola woman, aged about 26 years, was brought to me on the morning of November 18th.

The woman was said to have been ill for 3 days, and was intensely jaundiced, so she was put for observation under a net in the Female Ward. On admission, the temperature was sub-normal, the pulse was 100 and full, the notable feature was the marked degree of prostration. Examination of the blood showed no parasites. The urine was acid, and contained much bile—no other abnormal constituent was found, though there was a dense cloudy deposit of a dark yellow colour, becoming brown on standing. The liver was normal in size, the spleen slightly enlarged (? due to previous malarial attacks). No abnormality in lungs or heart could be detected. Shortly after admission the patient vomited, and the vomit was found to be dark-brown and shreddy—the typical appearance of a coffee ground vomit. A dark vomit of this nature was ejected three times during the same day. There was some complaint of headache and there was a little epigastric tenderness, but pain was not particularly marked.

The patient was put on a mixture of Sodium Salicylate and fluid diet.

She had a restless night, in spite of 15 grains of trional, and vomited several times.

Next day the bowels were moved by calomel and mist alba—the stool was copious and jetblack. The temperature remained sub-normal, the pulse about 90.

Later in the day the patient lapsed into unconsciousness—there was extreme prostration most of the time, with intervals of restlessness and groaning. Vomiting ceased.

On the third day after admission the temperature rose to 101°; otherwise the clinical picture remained as on the previous day. A round worm was passed—no more were passed after the exhibition of Santonin followed by mist alba. The urine was of a dark greenish-brown colour, laden with bile and containing now a trace of albumen.

During the next two days the prostration continued and the pulse weakened so much that death appeared imminent. In the occasional restless periods, she groaned and shouted. The urine never showed more than a trace of albumen. The temperature rose to 101° each evening.

On the morning of the sixth day, there was a striking change. The patient was quite conscious and asking for food. The pulse began to slow considerably, the temperature fell to normal, and only the jaundice and prostration remained. There were occasional hallucinations at night. From this point, convalescence was uninterrupted. The patient gained strength rapidly, the urine became gradually clearer and the jaundice faded, being practically gone when the patient was discharged on December 10th, 1928.

10th December, 1928.

(Sgd.) J. C. CRUICKSHANK, Medical Officer.

REPORT ON ILLNESS AND POST-MORTEM FINDINGS IN THE CASE OF BAKARI CAMARA.

Admitted to Hospital at 6 p.m. on 5th December. Died at 10.45 same day. Post-Mortem 9 a.m., 6th December.

He was brought into Hospital on a stretcher—unconscious. There was no jaundice perceptible. The eyes were congested and pupils dilated. His garments were stained by dark stained vomit. Injection of Camphor in oil was given at once. The patient died without recovering consciousness. Twice before death he vomited very dark vomit.

POST-MORTEM FINDINGS.

Stomach.—The lining membrane was covered with hæmorrhages—almost completely covering the cardiac half of the organ. There were also smaller hæmorrhages in the region of the pyloris.

Lungs.—Nil abnormal found.

Heart.—The musculatine was pale. No valvular damage apparent.

Liver.—The whole organ was pale and the capsules showed very light areas alongside areas of normal colour.

Kidneys.—Congestion of both kidneys was extreme, especially was this so in the case of the left kidney. Demarcation between medulla and cortex was indistinct in case of left kidney. Capsule stripped easily.

Bladder.-Contained about 6 oz. of pale urine which was loaded with albumen.

Sections of liver, heart and kidneys were removed for examination.

(Sgd.) A. M. W. RAE, Medical Officer.

10th December, 1928.

GERTRUDE GIBSON, female, age 16, school-girl, unmarried. Address, 34, Stanley Street. Date, 19th November, 1928. Died on admission to Hospital.

HISTORY.—Taken ill on Friday, 16th November, with fever and severe frontal headache and backache.

No vomiting and able to take food up to morning of 19th. Appeared to be very ill and drowsy on Monday afternoon so that relatives became frightened and brought patient to Hospital. Had not been seen by a Doctor previously and had had no treatment. Died before she was seen by a Medical Officer.

Coroner's Inquest and Post-Mortem ordered. It was reported that this girl had visited the two Europeans in Maurel and Prom who had died of Yellow Fever on November 6th and 7th respectively and also that these two Frenchmen had visited this girl at her own house. There is a wine shop in the ground floor of 34, Stanley Street, which the assistants of Maurel and Prom used to visit to check the stock.

Post-Mortem.—Well nourished strongly built girl. Congestion of conjunctivæ, no jaundice. Yellow staining of palms of hands.

Stomach.—Hæmorrhages in the mucous membrane. No black vomit.

Liver.-Fatty degeneration.

Uterus and Appendages congested.

Bladder contained $1\frac{1}{2}$ ozs. urine full of albumen.

THE SIR ALFRED LEWIS JONES RESEARCH LABORATORY.

REPORT ON MATERIAL FROM THE GAMBIA. TWO CASES OF SUSPECTED YELLOW FEVER.

Case 1.—Package opened 24th December, 1928; tissues, liver, heart, kidney and spleen, well preserved in formalin.

Macroscopic.—Liver: consistency firm, colour yellow with a few superficial hæmorrhages and pigmented patches. On section areas of yellowish mottling, giving place in some parts to a homogenous yellow colour. Kidney: on section, cortex showed an irregularly dotted appearance, the cortex being small in amount; the medulla showed dark striation. Heart: Subpericardial small punctate hæmorrhages. On section minute hæmorrhages in the muscle. Spleen: on section dark with prominent greyish-white Malphighian corpuscles.

Smears.—Scrapings from the surface of the organs, fixed in alcohol and stained by Leishman's stain showed well preserved red cells. No malaria parasites, trypanosomes, or spirochætes were found.

Microscopis.—Liver: Sections stained with hæmatoxylin or hæmatoxylin and eosin showed the inner portion of the lobules with well stained cells and nuclei; outside this cells showed cloudy swelling, many with the protoplasm finely vacuolated and faintly stained and the nuclei badly stained or absent; the capillaries at the margin of the lobules distended, with some extravasation. Extensive fine vacuolation of the protoplasm of the liver cells; in different areas individual cells and columns of cells affected. In sections treated with osmic acid the nuclei of the liver cells largely obscured by fine granular deposit. In sections stained with Leishman's stain, necrosis of cells in the midlobular region, congestion of the periphery of the lobules with extravasation; red blood cells well preserved. In sections by Levaditis method no spirochætes were found. Kidney: In sections stained with hæmatoxylin or hæmatoxylin and eosin, small subcapsular hæmorrhages and a few glomerular hæmorrhages. The cells of the convoluted tubules show degeneration; the boundary zone vessels dilated, with extravasation of blood. In the medullary region separation of the tubular epithelium from the basement membrane with hæmorrhages between and into the tubules; occlusion of tubules with cellular and granular casts and also homogenous yellowish material. Heart: Sections stained with hæmatoxylin and eosin showed small subpericardial hæmorrhages and small capillary hæmorrhages; considerable yellowish brown pigment; cloudy swelling present and fine vacuolation of cells. Spleen: Malpighian bodies somewhat enlarged and the pulp moderately congested; trabscular tissues normal in amount pigmented areas present.

The appearances of the organs and sections in this case are in accord with a diagnosis of yellow fever.

Case 2.—Package opened 24th December, 1928; tissues, liver, kidney and heart preserved in formalin. The tissues in this case did not present the same degree of preservation as was seen in Case 1. The liver especially was damaged by the proliferation of a gas-forming organism; this alteration may have been due to the period intervening between the death of the case and the preservation of the tissues or it may have been due to very rapid post-mortem changes.

Macroscopic.—Liver: Partly decomposed with gas formation; there was a cavity with a honeycombed appearance about 5 by 2 inches in size in the portion received. On section the unaffected portion was of a homogenous dull yellow colour, the tissue being friable. Kidney: No hæmorrhages visible. On section cortex and medulla indistinct, the whole organ being dark in colour, no mottling in the cortex nor striation of the medulla noted. Heart: Nothing noted.

Smears.—Scrapings treated as above showed no red blood cells; in that from the liver amorphous pigment was seen and in that from the kidney dark granular masses. In the heart smear streaks of golden pigment were present. The blood cells appeared to have been hæmolysed. In scrapings from the walls of the cavity in the liver numerous types of bacteria were present, the predominant form being a spore bearing organism of drum-stick appearance.

Microscopic.—Liver: Hæmatoxylin stained sections showed some infiltration with round cells, and increase fibrous tissues; endothelial cell proliferation present; pigment of dark brown colour in and between liver cells; bacteria in and outside the capillaries. Arterial walls thickened. Liver cells regularly stained, in most cases. Sections stained with Leishman's and Giemsa's stains showed no red blood cells; no characteristic necrosis of the lobules although degeneration was present in some groups of cells. In sections stained by Levaditis method no spirochætes were found. Kidney: In sections stained with hæmatoxylin or hæmatoxylin and eosin only faint outlines of red blood cells were made out in few portions. Fibrous tissue increase noted with reduction of glandular tissue; arterial walls thickened and smaller vessels frequently occluded. Many glomoruli have a thick fibrous capsule round them; some show necrotic changes and others have fibrosed. The tubular epithelium degenerated; the cells isolated or forming casts. Infiltration of round cells both perivascular and general present, and endothetical cell proliferation. Heart: Hæmatoxylin stained sections showed moderate perivascular and general infiltration, endothetical cell proliferation, no red blood cells seen. In Leishman's stained sections fine vacuolation of cell protoplasm was noted; the vessels contained granular debris and red-shaped crystals but no normal red cells.

The appearance of the organs and sections in this case suggests that a generalized toxic process had been in existence for some time; it is possible that in a case of this kind, with the nephritic condition and concomitant effects in the other organs, an attack of yellow fever might result in death before producing very typical lesions.

APPENDIX X.

12, Clarkson Street, Bathurst, Gambia.

4th May, 1928.

THE HON.

THE SENIOR MEDICAL OFFICER, BATHURST.

SIR,

I have the honour most respectfully to submit my report to you: The number of patients inspected and treated are as follows:—

			en inspected Officials and	and treated Clerks		 210 49
		Scho	ool Children.	Government Offi	cials.	Total.
Fillings			138	89		227
Root			3	5		8
Extraction	18		102	85		187
Scalings			24	12		36
Dressings			3	8		11

Observations.—The parents appear to be responsible for the majority of the children who have refused treatment; left to themselves, the children for the most part were quite willing to have attendance. The parents have the impression that every tooth must necessarily be extracted and that extraction is dangerous. In time, they would of course, be educated to the great necessity of getting their children's teeth regularly attended to.

I paid particular attention to the permanent teeth in cases where I find out they were not anxious to have the deciduous teeth filled as they were not causing them any pain. The African patients as a rule cannot yet see the necessity of having their teeth attended to unless they are suffering greatly. This reason seems to account for the small number of Government Clerks who actually came for treatment; although on the other hand it appears there are still a number who, not knowing the period of my visit, have missed their chances.

I may mention that the majority of the children treated made quite good patients and after a few had been treated there was a marked decrease in the number of those refusing treatment, consequently I expect a greater attendance next year and have instructed all those treated to present themselves yearly for inspection. I would be pleased if the teachers would assist in impressing on the children the necessity of keeping their teeth clean. As far as possible I tried to educate them up to it but they would certainly require to be constantly reminded.

A detailed report of work done is made in the register and cards which I am forwarding herewith for your inspection.

I have the honour to be,
Sir,
Your obedient Servant,
(Sgd.) UEL. M. JOHN,
Dental Surgeon.







