

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

Contributors

Gambia. Medical Department.

Publication/Creation

London : printed by Waterlow, [1930]

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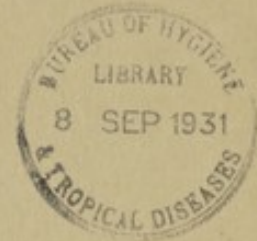
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COLONY OF THE GAMBIA.

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THE ANNUAL
MEDICAL & SANITARY REPORT
FOR THE YEAR 1930.

Price 5/-

PUBLISHED BY
THE CROWN AGENTS FOR THE COLONIES,
4, MILLBANK, LONDON, S.W.1.
1931.

*All communications to be addressed
to the Crown Agents for the
Colonies, the following refer-
ence and the date of this
document being quoted.*

G/Gambia 6678/1.

Bureau of Hygiene & Tropical Diseases,
Keppel Street,
Gower Street, W.C.

Forwarded

*With the Compliments of the
Crown Agents for the Colonies, on behalf
of the Government of Gambia.*

4, MILLBANK,
WESTMINSTER,
LONDON, S.W.1.
August 19 31.

Y.10. 20,000/9/30.

COLONY OF THE GAMBIA.

Prepared by the Government of the Colony of the Gambia.

ANNUAL MEDICAL AND SANITARY REPORT, 1930.

1931.

I have the honour to acknowledge the receipt of the Honorary Secretary's report and for transmission to the Right Honourable the Secretary of State, the Medical Report on the Health and Sanitary Conditions of the Colony for the year 1930, together with the returns and appended forms.

THE ANNUAL MEDICAL & SANITARY REPORT FOR THE YEAR 1930.

The Honorary Secretary,
The Admin. Council, Freetown,
Gambia.

Price 5/-

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THE ANNUAL
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FOR THE YEAR 1930.

THE GOVERNMENT OF THE GAMBIA
PRINTED AND SOLD BY THE GOVERNMENT
PRINTERS, BANJUL, GAMBIA.



ENCLOSURE IN GAMBIA DESPATCH NO. 120 OF 26TH MAY, 1931.

MODEL MEDICAL AND SANITARY REPORT, 1930.

11th May, 1931.

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 1930, together with the Returns, etc., appended thereto.

I have the honour to be,

Sir,

Your obedient servant,

D. T. BIRT,

Senior Medical Officer.

THE HONOURABLE,
THE ACTING COLONIAL SECRETARY,
GAMBIA.



ENCLOSURE IN GAMBIA PERMITTEE No. 120 OF 20th MAY, 1931

MODEL MEDICAL AND SANITARY REPORT, 1930

11th May, 1931

I have the honor to submit for the information of the Executive Committee and for transmission to the Right Honorable the Secretary of State, the Medical Report on the Health and Sanitary Conditions of the Gambia Colony for the year 1930 together with the Reports on the Sanitary

I have the honor to be,

Sir,

Your obedient servant,

D. T. BIRD

Senior Medical Officer

THE HONORABLE
THE GOVERNOR
GAMBIA

ANNUAL MEDICAL AND SANITARY REPORT

FOR THE

YEAR ENDED 31ST DECEMBER, 1930.

I. ADMINISTRATION.

(a) STAFF.

(i). APPOINTMENTS.

Dr. C. R. Adgie, Medical Officer, 19th March, 1930.

Dr. D. S. Johnston, Medical Officer, 3rd September, 1930.

Miss E. Cordiner, Senior Nursing Sister, 18th July, 1930.

(ii). PROCEEDED ON LEAVE.

Dr. F. A. Innes, Medical Officer of Health, 20th March, 1930.

Dr. S. G. Harrison, Medical Officer, 2nd May, 1930.

Miss M. Thompson, Senior Nursing Sister, 16th May, 1930.

Dr. D. T. Birt, Senior Medical Officer, 3rd September, 1930.

Dr. C. E. G. Nunns, Medical Officer, 19th September, 1930.

Miss J. Roberts, Nursing Sister, 4th November, 1930.

(iii). RESUMPTION OF DUTY.

Dr. F. A. Innes, Medical Officer of Health, 6th August, 1930.

Dr. S. G. Harrison, Medical Officer, 6th November, 1930.

Miss T. Grant, Nursing Sister, 22nd February, 1930.

(iv). RETIREMENT ON PENSION.

Miss M. Thompson, Senior Nursing Sister, 16th August, 1930.

(v). DEATH.

It is with great regret that one records the death on 24th June, 1930,
of Dr. C. R. Adgie after only three months' service in the Colony.

(vi). RESIGNATION.

Dr. J. C. Cruickshank, Medical Officer, 12th April, 1930.

STAFF OF THE MEDICAL AND HEALTH DEPARTMENTS DURING
1930.

Dr. D. T. Birt	Senior Medical Officer.
Dr. F. A. Innes	Medical Officer of Health.
Dr. J. C. Cruickshank	Medical Officer.
Dr. A. M. W. Rae	Medical Officer.
Dr. C. E. G. Nunns	Medical Officer.
Dr. C. R. Adgie	Medical Officer.
Dr. D. S. Johnston	Medical Officer.
Miss M. Thompson	Senior Nursing Sister.
Miss E. Cordiner	Senior Nursing Sister.
Miss J. Roberts	Nursing Sister.
Miss T. Grant	Nursing Sister.
Miss M. W. Storey	Sister in charge, M. and C. Welfare Clinic.
Mr. A. F. V. Vaughan... ..	Sanitary Inspector.
Mr. F. A. Wilford	Assistant Sanitary Inspector.

MEDICAL OFFICE STAFF.

Mr. T. R. King	Chief Clerk.
Mr. J. D. Allen	Clerk.
Mr. L. A. Coron	Clerk.
Mr. M. B. Jagne	Clerk.

HEALTH OFFICE STAFF.

Mr. H. T. Carrol	Clerk.
Mr. W. B. Kennedy	Market Clerk.
Mr. A. E. V. Harding	Assistant Market Clerk.
Mr. W. Manly-Rollings	Chief Dispenser and Store-keeper.

14 Dispensers, 17 Dressers, 18 African Nurses.

Mr. J. A. Johnson	Senior Inspector of Nuisances.
--------------------------	--------------------------------

7 Inspectors of Nuisances.

(b) LIST OF ORDINANCES AFFECTING PUBLIC HEALTH ENACTED
DURING THE YEAR.

- (i) In the Town of Bathurst (Amendment) Ordinance, 1930, the building of houses with inflammable material has been prohibited, except that cane may be used for walls if plastered in and out.

It is also provided that no buildings after July 1st, 1933, may be roofed with inflammable material. This will abolish many rat shelters in thatched roofs and also reduce greatly the risk of fires: the Ordinance will come into effect in July, 1933.

- (ii) Public Health Building Regulations, 1930, dealing with single storey buildings have been made and come into force in October, 1931.

Questions of site, ventilation, light, size of rooms and layout of compounds are all very fully dealt with.

- (iii) The Public Health (Amendment) Regulations No. 1, 1930, have prohibited the throwing of nightsoil on the foreshore in certain areas and also define places where nightsoil may be thrown.

- (iv) The Public Health No. 2 Regulations, 1930, imposes a payment of 5s. per month on European Government Officials for latrine service.
- (v) The Quarantine Regulations, 1930, apply Part B of the Quarantine Regulations of 1916 to Denton Bridge, as if it were a landing station for shipping.
- (vi) The Urban District and Public Health Ordinances, 1912 and 1930, have created a Municipal Board numbering 14, of which four members are appointed annually by the Governor and six others by the rate-payers of Bathurst (which has been divided into six Wards), The Colonial Secretary, The Senior Medical Officer, The Medical Officer of Health and the Director of Public Works being official members.

It is virtually an expansion of the old Board of Health.

(c) FINANCIAL.

MEDICAL DEPARTMENT.

	Estimated.	Actual.	Deficit.	Excess.
	£	£ s. d.	£ s. d.	
Revenue	350	220 14 3	129 5 9	—
Expenditure	17,878	17,223 6 6	—	—
Savings	—	654 13 6	—	—

PUBLIC HEALTH DEPARTMENT.

	Estimated.	Actual.	Deficit.	Excess.
	£	£ s. d.		£ s. d.
Revenue	1,580	1,849 12 6	—	269 12 6
Expenditure	10,469	10,269 14 11	—	—
Savings	—	199 5 1	—	—

MISCELLANEOUS SERVICES.

	Estimated.	Actual.	Deficit.	Excess.
	£	£		
Contributions to Medical Funds	265	258	—	—
Savings	—	7	—	—

COLONY.

	Estimated.	Actual.
	£	£ s. d.
Total Revenue	234,484	216,739 9 0
Total Expenditure	283,911	253,228 2 3

The actual expenditure of the Medical and Sanitary Departments is approximately 9.28 per cent. of the total actual expenditure of the Colony. The estimated expenditure is approximately 10 per cent.—this does not include Miscellaneous Services.

	MEDICAL DEPARTMENT.				PUBLIC HEALTH DEPARTMENT.			
	Actual Revenue.		Actual Expenditure.		Actual Revenue.		Actual Expenditure.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.
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 0	9,982	1 11
1928	274	17 5	15,093	13 4	1,583	14 11	10,155	14 10
1929	222	2 8	17,211	10 3	1,734	1 1	10,649	8 7
1930	220	14 3	17,223	6 6	1,849	12 6	10,269	14 11

II. PUBLIC HEALTH.

GENERAL REMARKS.

(I) *General Diseases.*

Again, Diseases of the Respiratory and Digestive Systems remain the most prevalent, there having been 3,153 cases of the former and 3,348 cases of the latter—it is again noticeable that respiratory complaints occur mostly during the relatively cold season, January to April and digestive system complaints during the rains, June to October.

Rheumatism was not so prevalent ; there having been 676 cases as against 1,122 in 1929.

(II) *Communicable Diseases.*

(1) *Mosquito or Insect Borne.*

- (i) *Malaria.*—1,027 cases were treated. It is most prevalent, as one would expect, in the wet season—June to December.
- (ii) *Trypanosomiasis.*—121 cases were treated in Bathurst with tryparsamide as against 61 in 1929. It does not follow that the complaint is more common ; it is more likely that patients present themselves for treatment more readily. Of these 121 cases, 108 were treated as Out-Patients. There were six deaths.
- (iii) *Yellow Fever.*—No cases occurred in 1930.
- (iv) *Blackwater Fever.*—Two cases were under treatment and both recovered.
- (v) *Filariasis.*—40 cases recorded in the form of Elephantiasis.

(2) *Infectious Diseases.*

- (i) *Influenza.*—464 cases recorded ; these occurred throughout the year. Four of these cases ended fatally.
- (ii) *Measles.*—No cases recorded as against 173 in 1929.
- (iii) *Dysentery, Amoebic.*—This is not a prevalent complaint in the Gambia. 39 cases were under treatment ; no death.
- (iv) *Tuberculosis—Pulmonary and other Tissues.*—139 cases with 29 deaths.
- (v) *Leprosy.*—69 cases were reported ; it is likely that not all who have this complaint report themselves. One death.

- (vi) *Yaws*.—10 cases only were seen in Bathurst ; it is more commonly found in the Protectorate.
- (vii) *Tetanus*.—30 cases with 20 deaths.
- (viii) *Septicæmia*.—1 case with fatal result.
- (ix) *Syphilis*.—36 cases treated.
- (x) *Gonorrhœa*.—173 cases treated.
- (xi) *Small Pox*.—2 non-fatal cases.

(3) *Helminthic Diseases*.

- (i) *Ascariasis*.—373 cases presented themselves for treatment, and were treated as Out-Patients except in two cases.
- (ii) *Tæniasis*.—4 cases only were under treatment.
- (iii) *Dracunculus*.—4 cases recorded during the year.

The cases reported above are those treated at the Victoria Hospital Bathurst. Cases under treatment in the Protectorate by the Medical Officer and Dispensers are summarised later in this Report.

DEATHS.

March Quarter.	June Quarter.	September Quarter.	December Quarter.
1929 88	98	156	116
1930 117	100	82	111
PREVALENT DISEASES.			
1929—Influenza, Malaria.	—	Gastro-intestinal ailments.	Nothing special.
1930—Influenza, Malaria, Bronchitis, Rheumatism.	Throughout	the year.	
PRINCIPAL CAUSES OF DEATHS.			
1929—Diseases of Respiratory System ...33%	Diseases of Respir- atory System ...31%	Diseases of Respir- atory System ...18%	Diseases of Res- piratory System 25%
Diseases of Digestive System ...12%	Diseases of Circula- tory System ...14%	Diseases of Circula- tory System ...13%	Diseases of Circu- latory System .42%
		Diseases of Diges- tive System ...44%	Diseases of Diges- tive System ...28%
1930—Respiratory System ... 29	Endemic, Epidemic, and Infectious Diseases ... 29	Circulatory System 24 Respiratory System 13	Endemic, Epidemic, Infectious Diseases ... 32
Circulatory System ... 26	Circulatory System ... 17	Endemic, Infectious Diseases ... 13	Circulatory Diseases ... 29
Digestive System ... 16	Diseases of Infancy 16		Respiratory Diseases ... 17
Endemic, Epidemic, and Infectious Diseases ... 16	Respiratory System ... 15		Digestive Diseases ... 11

VITAL STATISTICS.

(1) General Native Population, Bathurst—estimated 10,859.

Total births (live), 350.

Birth rate 32.23 per mille.

Total deaths, 383.

Death rate, 35.27 per mille.

Infant mortality rate, 283.

Note (i) Still births not counted as births or deaths, 45.

(ii) Registration is compulsory, but the figures may not be absolutely accurate.

(iii) Excess of deaths over births 33.

ACTUAL DEATHS 1930, EXCLUDING STILL BIRTHS.

	Adult.	Infant (i.e., up to 1 Yr.)	Total.
January—March (cool season)	89	15	104
April—June	67	19	86
July—September (rains)	62	20	82
October—December	76	35	111
	294	89	383
Highest monthly total, September ...	28	11	39
Highest quarterly total, Oct.—Dec. ...	76	35	111

(2) GENERAL EUROPEAN POPULATION

(Excluding Government Officials).

Estimated... ..	124
Total births	Nil
Birth rate	Nil
Total deaths	1
Death rate	8.06 per mille
Percentage of deaths to population	0.80 per cent.
Total Invalidings	5
Percentage of invalidings to population	4 per cent.
Total Sick	41
Percentage of sick to population	32.80 per cent.

Causes of Invalidings :—

Tuberculosis of Lungs (2).

Blackwater Fever.

Sub-Acute Rheumatism.

Neurasthenia.

Causes of Deaths :—

Malaria (1).

Prevalent Diseases :—

Of the 41 patients under treatment, 9 were suffering from Malaria.

It cannot be said that any complaint was prevalent; the ailments of the 41 patients were mostly of a minor nature.

The greatest number of cases of sickness occurred in the July to September quarter, 13; there were 12 cases in the January to March quarter; 8 during April to June quarter and the same number in the October to December quarter.

(3) EUROPEAN OFFICIALS.

There were 39 Officials on the Sick List as against 61 in 1929. Malaria and Influenza were responsible for the illness in 19 cases—13 cases of Influenza and 6 of Malaria.

In February and May no Officials were on the Sick List and one only in June. The greatest number of cases occurred in January, November, October with 6, 6 and 5 cases respectively. Eight Officials were admitted to Hospital and 31 were under treatment in Quarters. The longest period any one Official was on the Sick List was 26 days.

Malaria occurred in January, 2 cases; March, 2 cases; July and November, 1 case each. Influenza in October, 3 cases; March, September, November, 2 cases each; January, April, August, December, 1 case each.

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

	1928.	1929.	1930.
Total number of Officials resident	72	82	71
Average number resident	48	54	50
Total number on Sick List	38	61	39
Total number of days on Sick List	336	455	317
Average daily number on Sick List	0.91	1.25	0.87
Percentage of Daily Sick to average number resident ...	1.89	2.31	1.74
Average number of days on Sick List for each Patient ...	8.84	7.46	8.12
Average Sick time to each resident... ..	7.00	6.23	8.10
Total number invalided	1.00	2.00	1.00
Percentage of Invalidings to total residents	1.39	2.74	0.71
Total deaths	—	—	1.00
Percentage of Deaths to total residents	—	—	0.71
" " " average number resident	—	—	0.50
Number of cases of Sickness contracted away from residence	—	—	—

(4) AFRICAN OFFICIALS.

Reported Sick	1,738
Total on Sick List	424
" " Medicine and Duty	1,314
" Treated in Hospital	39
" " " Quarters	385
No. of Sick remaining from 1929:	
Hospital	1
Quarters	2
Out of the above totals:	
Female African Officials reported Sick	59
Total on Sick List	29
" " Medicine and Duty	30
The longest number of days any one official was on Sick List ...	82

The greatest number of cases on the Sick List occurred in November, 84 ; September, 76 ; October, 70 ; August, 54—that is to say, during the wet season.

The least in February, 31—the centre of the dry season.

Prevalent Diseases :—

Malaria, 236 cases, was most common in August, September, October, November. No other complaint was particularly prevalent.

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

	1928.	1929.	1930.
Total number of Officials resident	317	328	340
Average number resident	287	303	269
Total number on Sick List	712	463	424
Total number of days on Sick List	2,708	2,394	1,870
Average daily number on Sick List	7.39	6.60	5.12
Percentage of Daily Sick to average number resident	2.56	2.20	1.91
Average number of days on Sick List for each Patient	3.80	5.20	4.41
Average sick time to each resident	9.43	7.00	5.44
Total number invalided	1.00	4.00	3.00
Percentage of Invalidings to total residents	0.31	1.17	0.88
Total deaths	4.00	1.00	2.00
Percentage of Deaths to total residents	1.26	0.29	0.58
” ” ” average number resident	1.35	0.33	0.74
Number of cases of Sickness contracted away from residence	—	—	—

III. HYGIENE AND SANITATION.

A. GENERAL REVIEW OF WORK DONE AND PROGRESS MADE.

(1) PREVENTIVE MEASURES.

Malaria.—The campaign against this disease is maintained but it does not seem possible to formulate advance from one year to another. It is common knowledge that temporary repressive measures like oiling do not secure much abatement of the disease, and unfortunately even they are costly. Nevertheless, one patch of anopheline breeding ground after another is being sand filled and levelled, and the time, though still some way off, must be reached when malaria will be an unfortunate accident here instead of an almost inevitable experience. Eighteen deaths have occurred from malaria, 9 of the cases being under 5 years old. But the hospital outpatient and mother and child welfare clinics continue to reveal the very heavy incidence of infection and illness, and losses in time and wages from malarial infections.

Trypanosomiasis.—Only six deaths have been recorded in Bathurst from this cause—one female and five males, their ages being between 24 and 40 years. In spite of the numbers of cattle which graze just outside the town, and of sheep which graze in the streets, no tsetse fly has been caught or reported in town, and it may be safely reaffirmed that these human infections are always acquired in the Protectorate. As a necessary measure of precaution, however, clearing and recutting of mangrove swamp is carried out from year to year at a small cost, to maintain an area free of undergrowth between the town and the nearest swamp lands.

Yellow Fever.—No case of this disease has come to light during the year, either in Bathurst or in the Protectorate. Of the specimens of larvæ found in Bathurst during the year the following are the percentages:—

Stegomyia (group)	...	...	75.1
Culicine (group)	...	...	16.2
Anopheline (group)	...	...	3.5
Unclassified	...	...	4.6

What is striking in such situation is the abundance of stegomyiæ with absence of Yellow Fever, and the great prevalence of malaria with apparently few carriers. The explanation simply is that stegomyiæ are most easily found and particularly in the rains, while anophelines have to be most diligently searched for and are easily missed; the African Inspectors therefore report in largest numbers what they encounter most readily.

Filariasis.—One case of elephantiasis has occurred in a European Official necessitating sick leave and finally invaliding out of the Service. It is most probable that the infection was acquired in Bathurst, although his official duties took him occasionally into Kombo and Foni province where the disease is common. If we required an additional argument for indiscriminate war on mosquitoes in Bathurst this case would offer it. *Culex fatigans*, present in Bathurst, is the probable transmitter.

Smallpox.—Two sporadic cases occurred in Bathurst, one in June and the other in November; both were men who had been visiting out of Bathurst. Thorough spraying of the sleeping quarters was done immediately, vaccination (or revaccination) of all contacts and neighbours carried out on both these occasions and no second case occurred. There were also ten cases of chicken pox, of which four were isolated as well as possible in their homes. There was no death from these diseases. In December two cases of smallpox were reported from Sere Njaba, 200 miles up river from Bathurst: both recovered. Some four hundred vaccinations and revaccinations were carried out in the district concerned, and there was no spread.

Plague.—Between July 3rd and August 10th six deaths occurred in Konti, a small village near Carrol's Wharf, a steamer port of call on the river 130 miles from Bathurst. On August 14th the circumstances were thoroughly investigated and there was clear evidence that plague had been introduced from Senegal. Two of the deaths had been bubonic, two septicæmic (with bubo possibly overlooked), and the other two were possibly pneumonic. The houses in which the persons died had been at once shut up by the chief's orders—a most fortunate empiric step. Each of the victims had been closely associated with one of the others. Sick people were visited lest any plague case might be missed; plague vaccine was used prophylactically; the closed houses were burned; the village was strictly isolated, roads, paths, ferry and wharf being all closed; and quarantine and close watch on the whole district were maintained for one month. A rat campaign was also set going. All orders given were fully explained to the chiefs, headmen and people of various neighbouring villages and they seem to have been faithfully obeyed. No further case was reported.

It may be well to mention that African trimmers are frequently taken aboard at Dakar or Rufisque by boats chartered by French Companies to call for groundnuts at Bathurst or from Saboya. The necessity for this is not apparent, and the practice exposes us, though indirectly, to the chance of plague from these quarters. The "antipesteuse" vaccination sometimes carried out at time of their embarkment would not necessarily prevent the development of plague, as the boats arrive here only a few hours after the inoculation. Moreover, time and again the presence of these trimmers has not been indicated on the ship's papers either as crew or passengers.

Leprosy.—In the absence of (proper) provision for isolating lepers it is not easy to make arrangements for cases that demand attention. It is occasionally possible to persuade them to have treatment as outpatients sufficiently long to effect marked improvement but not long enough to procure full benefit. In order to lessen the risk of infection in the community we have occasionally to stow away a case in the Government Home for Infirm, separately from other inmates, and offer treatment.

Tuberculosis.—Twenty-nine deaths are returned from tuberculosis, the ages ranging from 6 months to 75 years, the average being 29.6 years. This is 7.54 per cent. of all deaths. Whenever a case is notified in town it is visited, the danger of the disease is explained, and arrangements are made with the patient and friends to have disposal of sputum carefully attended to and the patient kept as much apart from other people as possible. Both spittoon and supply of carbolic acid lotion are given free to the patient.

Tetanus.—Eight adult deaths from tetanus and twelve from tetanus neonatorum have occurred. From the Victoria Hospital records it appears that there has been a marked increase in the adult cases seen and treated during the year, numbering 30 as against 17 for 1929 and as compared with an average of 16 for the past ten years. It appears likely that this excess may be connected with street pollution. From time immemorial a few sheep and goats have been grazed and housed in Bathurst, but during 1929 and 1930 flocks of sheep brought from North Africa in hundreds have been grazing regularly in the streets every month, and their droppings in some places are abundant. They have been forming a very important item in food supply, and it is important not to discourage their import. At the same time it seems wrong to permit the keeping of huge numbers of animals in town with the inevitable maintenance of surface pollution. Perhaps some arrangement of pens on the Cape Road should be considered. If some simple accommodation for the herdsmen and owners were added the whole could be hired out.

Beriberi.—No case of beriberi occurred among 372 persons committed to prison during the year. The heavy incidence of this affection prevailing eight years ago has been completely removed by suitable dieting. One fatal case of beriberi occurred in town, and ten cases, all male, were seen among outpatients at the Victoria Hospital.

(2) GENERAL MEASURES OF SANITATION.

Refuse.—In expediting the removal of domestic and yard refuse the motor vehicle has been found of great service. Horse transport is slow and just as costly. A large portion of the rubbish at Lasso Wharf has not been burned this year but covered over with mud from the nearest point in the swamp. This effectually prevents fly breeding, but the disadvantage is sinkage of the surface as putrescible material disintegrates.

Nightsoil.—Nightsoil continues to be dumped around the island's edge (within tide mark) except along the Marina frontage. A clean beach there is an asset of value. Motor transport of nightsoil with dumping in a creek has been tried for a limited area. In spite of previous adverse criticism of the method, hopes of successful disposal by incineration are again being encouraged, and trial on a small scale, if approved, might settle a very vexed question.

Water.—The pipe borne supply from Lamin has not become markedly worse in quality nor less in quantity.

Offensive Trades.—The only two that are permitted within the township are the curing of hides by soaking them in poison tanks with subsequent exposure to the sun, and the rendering of beeswax with subsequent moulding in blocks for export. Throughout the year no cause of complaint has arisen in the conduct of these operations.

(3) SCHOOL HYGIENE.

A synopsis of ailments in school children examined during the year shows that 21 per cent. required vaccination, 15 per cent. had enlarged spleens, 24 per cent. required dental attention, 11 per cent. showed enlarged tonsils and 16 per cent. enlarged glands. In 5 per cent. skin disease was noted and in 3 per cent. eye disease. Anæmia is recorded in 7 per cent. of cases, ulcers in 1 per cent., while 5 lepers were discovered out of a total of 1,470 children examined. Cases requiring it are given appropriate treatment free.

Not nearly enough attention is paid by managers to the sanitary condition of the various schools. It is objectionable that schools should be hired and used at night for general public purposes so frequently as they are and the children have to spend the succeeding day amid the remains of filth that are all too hastily and imperfectly removed just before school opens in the morning. The children have been seen to enter even before the dust of sweeping had settled down.

(4) HOUSING AND TOWN PLANNING.

This has to some extent been provided for by the Public Health (Building) Regulations, 1930, which will come into effect from October, 1931. The citizens who were removed from the submerged area in Half Die have been allotted comfortable sites on the area reclaimed by the dredger, and health conditions should be very greatly improved in the new houses on a clean area. Advice was given to the people in both lay-out of yards and construction of houses, with good results.

(5) FOOD IN RELATION TO HEALTH AND DISEASE.

Various inspections of foodstuff have been made throughout the year and examinations in laboratory from time to time of patent articles, tea, groundnut oil, etc.

The following were seized and destroyed: 200 tins sliced ham, 36 tins tomatoes, 1 case tea, 237 large bags rice, 1 case victoria biscuits, sundry bags of corn, cassava and groundnuts, 85 tins goose liver pate, 17 tins Royal cheese. Meat and fish are permitted to be sold in the Albert market only and these are all thoroughly inspected daily before being exposed for sale. It is hoped that a meat steriliser may be installed in 1931 for dealing with cyst-infested pork which could be rendered safe and marketable. It is also anticipated that a refrigerating room may be ready for use before the rains of 1931 so that unsold meat may be preserved by storage instead of perishing and being thrown into the river.

B. MEASURES TAKEN TO SPREAD THE KNOWLEDGE OF HYGIENE AND SANITATION.

During the week May 11—17 a "Baby Week" was organised by Dr. Helen Hendrie. Boy Scouts, Girl Guides and other young people paraded the town with banners and devices to advertise the proposed activities. Lectures were delivered in church, hall, and school to various audiences of teachers, school pupils, and mothers. A "baby show" was held on the final day at which prizes were distributed by His Excellency The Acting Governor, games were organized for school children, and a concert was also held in behalf of Mother and Child Welfare Funds. The work of this department is now thoroughly well known and appreciated.

A course of lectures for teachers in the Vocational School was begun by Dr. Hendrie in October.

C. TRAINING OF SANITARY PERSONNEL.

The African Inspectors of Nuisances are under constant supervision, and from time to time, instruction by the Sanitary Inspector and the Medical Officer of Health. Their work is checked occasionally by special inspections and they are tested by examinations in practical work. There is apparent an increase of interest in their work and with further tuition greater efficiency will certainly result. They themselves should prove also influential and reliable advisers in the community on matters of hygiene and sanitation.

D. RECOMMENDATIONS FOR FUTURE WORK.

The more our circumstances are studied the clearer it becomes that a decided and sustained policy is required in Sanitation and Hygiene in several directions. I.—One is the complete suppression of anopheline breeding spots within town precincts. Our street drains are still largely grassy earth pits from some of which water has to be swept out and which land crabs honeycomb with mosquito nurseries. In such things we have slipped over a quarter of a century without progress! One result is that we stagger along with a heavy death rate, while a promising birth rate is annually pitted against conditions that defeat both arrival and survival of infants. It has been the practice till quite recently to neglect the good effect of slow sand fillings by head loads, but yet some very bad mosquito breeding grounds have been obliterated without much expense or trouble by kerosene tinfuls of sand and mud well placed. It seems somehow difficult for public health measures to attain and retain in a Government programme the prior place that they deserve. II.—Another crying need is a service to deal with the nightsoil of the whole town. The emptying of pails in a creek has recently been speeded up by motor transport but even now a mere fraction of the town benefits by the improvement. A town cannot neglect its poorest classes in Sanitary matters without finding that diseases bred amidst poverty affect all.

One of the fundamental causes of backward conditions in town is undoubtedly that Government does much for the people that they should heartily do for themselves. Scores of people dance and drum all night, but if you chide them for having insanitary yard and premises they retort that Government labourers are paid to clean these. It may be that teaching of Hygiene in Schools, and the work of the Urban District Council recently created by His Excellency, will gradually secure a worthy standard of citizenship and a sanitary conscience which at present are painfully absent. The standard of yard cleanliness is conspicuously higher in some bush villages than in Bathurst. The unprintably filthy way in which our public latrines are abused is *e.g.*, a challenge to education: every school latrine should be a training ground in social and communal cleanliness, but this point has not yet earned recognition.

IV. PORT HEALTH WORK AND ADMINISTRATION.

During the year 222 ocean-going vessels have been boarded and their passengers inspected. No case of dangerous infectious illness was discovered. The agent of one firm in Bathurst was convicted in court of breach of Public Health Regulations and fined £3.

Passengers who arrive from Senegal by motor transport and ferry are frequently examined. It is now very easy to reach Bathurst within the incubation period of both plague and yellow fever from places which are reported now and again to have one or other. It is remarkable that Bathurst has never been visited by bubonic plague, considering the many possible avenues of invasion.

V. MATERNITY AND CHILD WELFARE.

During January–November, 1930, Dr. Helen Hendrie acted as Honorary Physician in charge of the Mother and Child Welfare Clinics. Unfortunately the Nursing Sister, Miss Storey, was invalided in January and did not return till September. During the eleven months some idea of the amount of clinical material put through hand may be gathered from the figures in the subjoined table. It is known that many sick babies were rescued from serious and fatal illness by receiving saline injections in the Clinic but were not recorded as patients.

In the table columns 2 and 3 include infants and children of several years old: indeed at times the work was like that of the medical side of a Sick Children Hospital.

Month.	Ante-natal Visits.	Weighing.	Sick Infants Visits.	Total Births.	Waiting List.
January	508	556	1,063	27	
February	458	544	1,289	19	
March	565	876	1,183	25	
April	598	724	1,532	32	
May	391	710	1,375	16	
June	472	573	1,881	28	
July	658	677	2,335	15	
August	832	658	2,923	26	
September	1,141	692	2,653	23	
October	1,050	618	1,992	36	
November	865	459	1,272	35	
December	602	427	922	39	
1930 Total	8,140	7,514	20,420	321	180
1929 Total	2,880	5,781	7,918	266	—

Ward opened February, 1930.

Live births 1930	...	297
Still births	...	24
		321

*Tetanus 1 *An enquiry was made into this case and Clinic Nurses exonerated from all blame, it being proved that there was native interference with the case.

Ophthalmia ... Nil

Post partum Sepsis 1 Died.

Eclampsia 1 Died, prior to confinement and the patient had refused to remain in ward for treatment.

Transverse presentation with rupture of uterus 1 Operation unsuccessful, died.

The deaths of infants born under the Clinic, as far as can be ascertained after careful inquiry, were twenty-two. With 297 live births recorded, the Mother and Child Welfare work gives an infant mortality rate of 74 which is very satisfactory. The maternal mortality figure (puerperium) is 0.9 per cent.

For the whole town 350 live births have been recorded so that the Mother and Child Welfare Clinics are now managing 85 per cent. of all confinements.

Unfortunately disasters are numerous in the practice of untrained town midwives. 23 stillbirths fall to them out of a total of 53 births, *i.e.*, 43·4 per cent. as against the Clinics 7·4 per cent.

There occurred also 13 cases of tetanus among these 53 labours (eleven of them to the discredit of one untrained woman): while in clinic practice one case occurred which inquiry elicited was due to outside midwife interference.

The Midwives Ordinance and Regulations now in preparation should bring this dark record to a close. The infant mortality rate for the whole community works out this year at 283: the figure has fallen steadily since 504 was recorded for 1921.

F. A. INNES,
Medical Officer of Health.

VI. HOSPITALS, DISPENSARIES AND VENEREAL CLINICS.

(A) RECORD OF WORK AND PREVAILING DISEASES.

(1) VICTORIA HOSPITAL—BATHURST.

(a) *In-Patients.*

Remaining in Hospital from 1929	...	...	...	37
Admissions	...	...	...	639
Total cases treated	...	...	...	676
Total deaths	...	...	...	86
Remaining in Hospital at end of 1930	...	...	...	41
Operations performed	...	...	...	292

Prevalent Diseases :—Hernia, 96; Genito-urinary, 74; Pneumonia, 55; Malaria, 52; Cardiac, 31.

(b) *Out-Patients.*

Total treated 12,797

Prevalent Diseases :—

Digestive System	...	...	...	3,223
Bronchitis	...	...	...	2,770
Malaria	...	...	...	974
Chronic Rheumatism	...	...	...	666

	In-Patients.	Out-Patients.	Operations.
1925	750	16,502	82
1926	761	*9,142	110
1927	788	13,799	144
1928	793	16,740	162
1929	723	16,506	224
1930	676	12,797	292

* Figures in Out-Patient Register incorrect.

(c) Official Visits by Appointment	...	...	Several.
(d) Autopsies performed	...	...	10

(2) PRISON HOSPITAL—BATHURST.

In-Patients	...	...	...	...	...	...	21
Out-Patients	...	...	...	...	...	...	200

(3) MATERNITY AND CHILD WELFARE CLINIC—BATHURST.

Ante-natal	...	...	...	...	...	...	8,140
Weighing	...	...	...	...	...	...	7,514
Sick Infants' Attendance	...	...	...	...	...	...	20,420
Live Births	...	...	...	...	...	...	297
Still Births	...	...	...	...	...	...	24

CLINIC ATTENDANCES.

Years.	Ante-natal.	Sick Infants.	Weighing Clinic.	Total Births.	Live Births.	Still Births.	Tetanus.	Ophthalmic.	Puerperal Sepsis.
1926	864	2,651	1,275	161	148	13	—	—	1
1927	939	4,231	2,248	191	171	20	1	—	—
1928	1,358	5,400	3,379	213	192	21	—	1	1
1929	2,880	7,918	5,781	280	266	14	1	1	—
1930	8,140	20,420	7,514	321	297	24	1	—	1
	14,181	40,620	20,197	1,166	1,074	92	3	2	3

COMPARATIVE STATEMENT OF BIRTHS AND DEATHS.

Years.	Total Live Births.	Total Deaths.	Births in Excess.	Deaths in Excess.	Deaths under 5 years.	Deaths under 1 year.	Deaths under 1 week.	Deaths under 24 hours.	Still Births.	Infantile Mortality rate per mille.	Birth Rate per mille.	Death Rate per mille.	Total Population.
1926	281	335	—	54	No Record.	100	No Record.	No Record.	42	355	27.82	33.16	10,100
1927	278	357	—	79	No Record.	88	No Record.	No Record.	45	316	27.03	34.71	10,283
1928	263	407	—	144	No Record.	104	No Record.	No Record.	56	395	25.11	38.86	10,473
1929	315	458	—	143	98	68	15	6	44	333	29.53	42.94	10,664
1930	350	383	—	33	29	43	27	16	45	283	32.23	35.27	10,859

(4) INFECTIOUS DISEASES HOSPITAL—BATHURST.

Admissions 12

(5) QUARANTINE COMPOUND.

Admissions Nil.

(6) HOME FOR THE INFIRM.

	Males	Females.	Total.
Remaining in Home from 1929	7	3	10
Admissions	22	1	23
Discharges	3	2	5
Died	14	1	15
Remaining on 31/12/30	11	1	12
Average daily number	9.54	1.51	11.05

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

Out-Patients Morning Sick Parade 1,290
Patients sent to Bathurst Hospital 10

Attendances greatest during first quarter and again in August and September.

Prevalent Diseases:—Rheumatism, Bronchitis and Malaria.

(B) IMPROVEMENTS EFFECTED AND RECOMMENDED.

1. *Victoria Hospital, Bathurst.*—During 1930 it was thought that a sum of money from the Colonial Developments Fund would be available in 1932 for the the construction of new European and African Wards on the site of the present main block ; in the event of this not being forthcoming I venture to put forward again the scheme of internal structural alterations which was set aside at the Colonial Office in favour of new buildings.

2. The Old Out-Patient Department has been converted into two Wards, and early in 1931 will be occupied and should prove a most useful addition.

3. Provision has been made in 1931 Estimates for the building of an African Male Ward to replace the much dilapidated No. 6 and for the replacement of the present Medical Store by a new building on a different site.

4. *Gambia Company, Royal West African Frontier Force, Cape St. Mary.*—During the year a new Dispensary has been built on a site mid-way between R.W.A.F.F. lines and Bakau and was occupied towards the end of the year, this Dispensary will benefit the villagers of Bakau villages.

5. *Home for the Infirm.*—This was occupied in April and serves its purposes most delightfully. 12 detached cottages with administrative cottages have been built on a pleasant site about two miles from Bathurst. This Home is a very great improvement and the patients now live a happy, comfortable and uncrowded life.

6. *Georgetown.*—During 1930 the Prison buildings were taken over by the Medical Department and after certain structural alterations were opened in December as a Hospital, a considerable improvement as more accommodation and space have become available.

The old Hospital has been converted into a double quarter in which the Medical Officer and Education Officer live.

(C) AVERAGE COST PER HEAD OF PATIENTS.

Bathurst—One Shilling and threepence per diem.

Georgetown—One Shilling per diem.

VII. PRISONS AND ASYLUMS.

The average daily number of prisoners was 56·15.

The number of Out-Patients examined at the daily sick parade was 200, of whom 21 were admitted to the Infirmary.

The number of deaths during the year was four due respectively to :—

- (1) Exhaustion and refusal of food.
- (2) Myocarditis.
- (3) Mitral Stenosis and Cardiac failure.
- (4) Enteritis and Colitis.

The general health of the prisoners was good, the commonest diseases being those due to the respiratory and intestinal affections.

The diet is sufficient, and satisfactory as regards quality.

The sanitary arrangements are efficient, night soil being disposed of in the bush.

The association cells are hygienic in all respects.

There is no Asylum in the Gambia nor are there any facilities for the confinement of dangerous lunatics.

(Signed) C. NUNNS,
M.O.

VIII. METEOROLOGY.

						BATHURST.
1.	Highest shade Maximum	...	...	...	...	99° in March.
2.	Lowest " "	...	...	...	...	70° in January.
3.	Highest Shade Minimum	...	...	...	...	77° in September and October.
4.	Lowest " "	...	...	...	...	50° in February.
5.	Greatest Range of Temperature was	...	...	...	...	35° in March.
6.	Lowest " "	...	...	...	...	12° in September.
7.	Total Rainfall	...	...	...	...	47·86 inches.
8.	Most Rain fell in August	...	...	...	...	23·25 "
9.	Highest degree of Relative Humidity	...	...	...	...	80% in August and November.
10.	Lowest " "	...	...	...	...	58% in January.

RAINFALL FOR LAST FIVE YEARS.

		1926	1927	1928	1929	1930
Bathurst	...	30·05	60·58	57·02	52·26	47·86
Georgetown	...	31·47	45·42	35·89	40·28	32·96

TABLE I.

RETURN OF STATISTICS OF POPULATION FOR THE YEAR 1930.

	Europeans and Whites.	Africans.	East Indians.	Chinese and Malays.	Mixed and Coloured.
Number of inhabitants in 1929...	198	10,664	—	—	—
Number of Births during the year 1930	—	321	—	—	—
Number of Deaths during the year 1930	2	383	—	—	—
Number of Immigrants during the year 1930	—	—	—	—	—
Number of Emigrants during the year 1930	—	—	—	—	—
Number of inhabitants in 1930	195	10,859	—	—	—
Increase, or	—	195	—	—	—
Decrease	3	—	—	—	—

TABLE II.

METEOROLOGICAL RETURN FOR THE YEAR 1930—(BATHURST).

	TEMPERATURE.						RAINFALL.		WINDS.		Remarks.
	Solar Maximum.	Minimum on Grass.	Shade Maximum.	Shade Minimum.	Range.	Mean.	Amount in Inches.	Degree of Humidity.	General Direction.	Average Force.	
January ...	—	—	91	54	32	69.1	—	58%	N.	—	
February	—	—	93	50	30	70.7	0.03	70%	N.E.	—	
March ...	—	—	99	56	35	72.5	—	67%	Var.	—	
April ...	—	—	91	56	34	73.2	—	67%	do.	—	
May ...	—	—	87	55	25	70.0	—	74%	do.	—	
June ...	—	—	95	64	27	77.0	2.60	68%	do.	—	
July ...	—	—	90	63	29	79.2	7.77	76%	do.	—	
August ...	—	—	88	64	21	76.2	23.25	80%	do.	—	
September	—	—	89	64	12	78.4	10.19	68%	do.	—	
October ...	—	—	94	65	28	78.8	3.65	76%	do.	—	
November	—	—	93	65	23	79.4	0.37	80%	do.	—	
December	—	—	89	65	22	75.6	—	74%	do.	—	
	—	—	—	—	—	—	47.86	—	—	—	

TABLE III.

VICTORIA HOSPITAL, BATHURST.

RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930.

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
I.—EPIDEMIC, ENDEMIC, AND INFECTIOUS DISEASES.						
1. Enteric Group—						
(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	52	3	52	...	
(b) Quartan	1	...	1	...	
(c) Aestivo-autumnal	
(d) Cachexia	
(e) Blackwater	1	1	...	2	...	
6. Smallpox—						
Alastrim	
7. Measles	
8. Scarlet Fever	
9. Whooping Cough	
10. Diphtheria	
11. Influenza	17	1	17	2	
12. Miliary Fever	
13. Mumps	
14. Cholera	
15. Epidemic diarrhoea	
16. Dysentery—						
(a) Amoebic	2	...	2	...	
(b) Bacillary	2	...	2	...	
(c) Undefined or due to other causes	
17. Plague—						
(a) Bubonic	
(b) Pneumonic	
(c) Septicæmic	
(d) Undefined	
18. Yellow Fever	
19. Spirochaetosis ictero-hæmor- rhagica	
20. Leprosy	2	...	2	...	
21. Erysipelas	
22. Acute Poliomyelitis	
23. Encephalitis Lethargica	
24. Epidemic Cerebro-spinal Fever	
25. Other Epidemic Diseases—						
(a) Rubeola (German Measles)	
(b) Varicella (Chicken-pox)	
(c) Kala-azar	
(d) Phlebotomus Fever	
(e) Dengue	
(f) Epidemic Dropsy	
(g) Yaws	
(h) Trypanosomiasis ...	1	12	1	13	3	
Total carried forward ...	2	89	5	91	5	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	2	89	5	91	5	
I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES— <i>contd.</i>						
26. Glanders ... ..	...	...	...	...	...
27. Anthrax ... ..	...	...	...	...	...
28. Rabies ... ..	...	...	...	...	...
29. Tetanus	2	14	8	16	1	
30. Mycosis ... ..	...	...	...	...	...
31. Tuberculosis, Pulmonary and Laryngeal	4	19	7	23	3	
32. Tuberculosis of the Meninges or Central Nervous System	...	...	...	...	...
33. Tuberculosis of the Intestines or Peritoneum ... ..	...	1	...	1	...	
34. Tuberculosis of the Vertebral Column ... ..	...	...	...	...	...
35. Tuberculosis of Bones and Joints ... ..	...	2	...	2	...	
36. Tuberculosis of other organs—						
(a) Skin or Subcutaneous Tissue (Lupus) ... ..	...	...	...	...	...
(b) Bones ... ..	...	...	...	...	...
(c) Lymphatic System ... ..	...	...	...	...	...
(d) Genito-urinary ... ..	...	1	...	1	...	
(e) Other Organs ... ..	...	...	...	...	...
37. Tuberculosis disseminated—						
(a) Acute ... ..	...	...	...	...	...
(b) Chronic ... ..	...	...	...	...	...
38. Syphilis—						
(a) Primary	2	5	...	7	...	
(b) Secondary ... ..	...	2	...	2	...	
(c) Tertiary ... ..	...	2	1	2	...	
(d) Hereditary ... ..	...	...	...	...	...
(e) Period not indicated ... ..	...	...	...	...	...
39. Soft Chancre ... ..	...	...	...	...	...
40. A.—Gonorrhœa and its com- plications ... ..	...	2	...	2	...	
B.—Gonorrhœal Ophthalmia ... ..	...	1	...	1	...	
C.—Gonorrhœal Arthritis ... ..	...	2	...	2	...	
D.—Granuloma Venereum ... ..	...	...	...	...	...
41. Septicæmia ... ..	...	1	1	1	...	
42. Other Infectious Diseases—						
Trypanosomiasis ... ..	...	3	...	3	...	
II.—GENERAL DISEASES NOT MEN- TIONED ABOVE.						
43. Cancer or other malignant Tumours of the Buccal Cavity	...	...	...	...	...
44. Cancer or other malignant Tumours of the Stomach or Liver... ..	1	1	1	2	...	
45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum ... ..	...	2	2	2	...	
Total carried forward ...	11	147	25	158	9	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	11	147	25	158	9	
II.—GENERAL DISEASES NOT MENTIONED ABOVE— <i>contd.</i>						
46. Cancer or other malignant Tumours of the Female Genital Organs	3	1	3	...	
47. Cancer or other malignant Tumours of the Breast	
48. Cancer or other malignant Tumours of the Skin	1	...	1	...	
49. Cancer or other malignant Tumours of Organs not specified	1	...	1	1	
50. Tumours non-Malignant	6	...	6	1	
51. Acute Rheumatism	
52. Chronic Rheumatism	5	...	5	...	
53. Scurvy (including Barlow's Disease)	
54. Pellagra	1	...	1	...	
55. Beri-Beri	6	1	6	3	
56. Rickets	
57. Diabetes (not including Insipidus)	
58. Anæmia—						
(a) Pernicious	
(b) Other Anæmias and Chlorosis	2	...	2	...	
59. Diseases of the Pituitary Body	
60. Diseases of the Thyroid Gland—						
(a) Exophthalmic Goitre	
(b) Other diseases of the Thyroid Gland, Myxœdema	
61. Diseases of the Para-Thyroid Glands	
62. Diseases of the Thymus	
63. Diseases of the Supra-Renal Glands	
64. Diseases of the Spleen	
65. Leukæmia—						
(a) Leukæmia	5	2	5	1	
(b) Hodgkin's Disease	
66. Alcoholism	
67. Chronic poisoning by mineral substances (lead, mercury, etc.)	
68. Chronic poisoning by organic substances (Morphia, Cocaine, etc.)	
69. Other General Diseases—						
Auto-intoxication	
Purpura Hæmorrhagica	
Hæmophilia	
Diabetes Insipidus	
Total carried forward	11	177	29	188	15	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	11	177	29	188	15	
III.—AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
70. Encephalitis (not including Encephalitis Lethargica) ...	...	...	...	...	...
71. Meningitis (not including Tuberculous Meningitis or Cerebro-spinal Meningitis) ..	...	...	...	...	...
72. Locomotor Ataxia ...	...	...	...	...	...
73. Other affections of the Spinal Cord ...	...	...	...	...	...
74. Apoplexy—						
(a) Haemorrhage ...	...	3	2	3	...	
(b) Embolism ...	...	1	1	1	...	
(c) Thrombosis ...	...	...	...	...	...
75. Paralysis—						
(a) Hemiplegia ...	2	1	...	3	...	
(b) Other Paralysees ...	...	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 ...	...	2	...	2	...	
C.—Neurasthenia ...	...	2	...	2	...	
83. Cerebral Softening ...	...	...	...	...	...
84. Other affections of the Nervous System, such as Paralysis Agitans ...	...	...	...	...	...
85. Affections of the Organs of Vision—						
(a) Diseases of the Eye ...	...	2	...	2	...	
(b) Conjunctivitis ...	...	1	...	1	...	
(c) Trachoma ...	...	...	...	...	...
(d) Tumours of the Eye ...	...	...	...	...	...
(e) Other affections of the Eye ...	...	1	...	1	...	
86. Affections of the Ear or Mastoid Sinus ...	...	2	...	2	...	
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM.						
87. Pericarditis ...	...	...	...	...	...
88. Acute Endocarditis or Myocarditis ...	...	4	2	4	...	
89. Angina Pectoris ...	...	...	...	...	...
90. Other Diseases of the Heart—						
(a) Valvular—						
Mitral ...	...	3	1	3	...	
Aortic ...	1	1	...	2	...	
Tricuspid ...	...	...	...	...	...
Pulmonary ...	...	...	...	...	...
(b) Myocarditis ...	3	16	6	19	...	
Total carried forward ...	17	220	41	237	15	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	17	220	41	237	15	
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM—<i>contd.</i>						
91. Diseases of the Arteries—						
(a) Aneurism ... ..	...	...	...	...	...
(b) Arterio-Sclerosis	1	1	...	2	...	
(c) Other diseases ... ..	...	...	...	...	...
92. Embolism or Thrombosis (non-cerebral) ... ..	...	...	...	...	...
93. Diseases of the Veins—						
Hæmorrhoids ... ..	...	...	...	...	...
Varicose Veins	1	2	...	3	...	
Phlebitis ... ..	...	...	...	...	...
94. Diseases of the Lymphatic System—						
Lymphangitis ... ..	...	...	...	...	...
Lymphadenitis, Bubo (non-specific) ... ..	...	6	...	6	1	
95. Hæmorrhage of undetermined cause ... ..	...	...	...	...	...
96. Other affections of the Circulatory System ... ..	...	...	...	...	...
V.—AFFECTIONS OF THE RESPIRATORY SYSTEM.						
97. Diseases of the Nasal Passages—						
Adenoids ... ..	...	...	...	...	...
Polypus ... ..	...	...	...	...	...
Rhinitis ... ..	...	...	...	...	...
Coryza	1	...	...	1	...	
98. Affections of the Larynx—						
Laryngitis ... ..	...	...	...	...	...
99. Bronchitis—						
(a) Acute ... ..	...	...	...	...	...
(b) Chronic	1	7	...	8	...	
100. Broncho-Pneumonia ... ..	...	...	...	...	...
101. Pneumonia—						
(a) Lobar	1	37	12	38	...	
(b) Unclassified ... ..	...	11	4	11	...	
102. Pleurisy, Empyema ... ..	...	6	...	6	...	
103. Congestion of the Lungs ... ..	...	...	...	...	...
104. Gangrene of the Lungs ... ..	...	...	...	...	...
105. Asthma ... ..	...	...	...	...	...
106. Pulmonary Emphysema ... ..	...	...	...	...	...
107. Other affections of the Lungs—						
Pulmonary Spirochaetosis... ..	...	...	...	...	...
VI.—DISEASES OF THE DIGESTIVE SYSTEM.						
108. A.—Diseases of Teeth or Gums—						
Caries, Pyorrhœa, etc. ... ..	...	...	...	...	...
B.—Other affections of the Mouth—						
Stomatitis ... ..	...	...	...	...	...
Glossitis, etc. ... ..	...	...	...	...	...
Total carried forward ...	22	290	57	312	16	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	22	290	57	312	16	
VI.—DISEASES OF THE DIGESTIVE SYSTEM— <i>contd.</i>						
109. Affections of the Pharynx or Tonsils—						
Tonsilitis ... ..	...	1	...	1	...	
Pharyngitis ... ..	...	...	...	...	...
110. Affections of the Œsophagus	...	...	...	...	...
111. A.—Ulcer of the Stomach ...	...	...	...	...	...
B.—Ulcer of the Duodenum...	...	...	...	...	...
112. Other affections of the Stomach—						
Gastritis ... ..	...	4	...	4	1	
Dyspepsia, etc. ... ..	...	6	...	6	...	
113. Diarrhoea and Enteritis—						
Under two years ... ..	...	...	...	...	...
114. Diarrhoea and Enteritis—						
Two years and over—...	...	10	2	10	...	
Colitis ... ..	...	...	...	...	...
Ulceration ... ..	...	...	...	...	...
114a Sprue ... ..	...	...	...	...	...
115. Ankylostomiasis ... ..	...	2	...	2	...	
116. Diseases due to Intestinal Para- sites—						
(a) Cestoda (Taenia) ... ..	...	2	...	2	...	
(b) Trematoda (Flukes) ... ..	...	...	...	...	...
(c) Nematoda (other than Ankylostoma)—						
Ascaris ... ..	...	2	...	2	...	
Trichocephalus dispar	...	...	...	...	...
Trichina ... ..	...	...	...	...	...
Dracunculus ... ..	...	...	...	...	...
Strongylus ... ..	...	...	...	...	...
Oxyuris ... ..	...	...	...	...	...
(d) Coccidia... ..	...	...	...	...	...
(e) Other parasites ... ..	...	...	...	...	...
(f) Unclassified ... ..	...	...	...	...	...
117. Appendicitis ... ..	...	...	...	...	...
118. Hernia... ..	3	93	4	96	6	
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 ... ..	...	...	...	...	...
Cholecystitis... ..	...	...	...	...	...
Jaundice ... ..	...	...	...	...	...
Total carried forward ...	25	410	63	435	23	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	25	410	63	435	23	
VI.—DISEASES OF THE DIGESTIVE SYSTEM—<i>contd.</i>						
125. Diseases of the Pancreas ...	...	...	...	...	...
126. Peritonitis (of unknown cause) ...	...	...	...	...	...
127. Other affections of the Digestive System ...	...	...	...	...	...
VII.—DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).						
128. Acute Nephritis ...	...	7	3	7	1	
129. Chronic ...	...	7	3	7	...	
130. A.—Chyluria ...	...	...	...	...	...
B.—Schistosomiasis ...	...	...	...	...	...
131. Other affections of the Kidneys—						
Pyelitis, &c. ...	...	4	3	4	...	
132. Urinary Calculus ...	...	1	...	1	...	
133. Diseases of the Bladder—						
Cystitis ...	...	2	...	2	...	
134. Diseases of the Urethra—						
(a) Stricture... ...	...	4	...	4	...	
(b) Other ...	...	...	...	...	...
135. Diseases of the Prostate—						
Hypertrophy ...	...	...	...	...	...
Prostatitis ...	...	...	...	...	...
136. Diseases (non-Venereal) of the Genital Organs of Man—						
Epididymitis ...	...	2	...	2	1	
Orchitis ...	...	3	...	3	...	
Hydrocele ...	2	23	...	25	2	
Ulcer of Penis ...	...	...	...	...	...
137. Cysts or other (non-malignant) Tumours of the Ovaries ...	...	1	...	1	...	
138. Salpingitis—						
Abscess of the Pelvis ...	...	3	...	3	...	
139. Uterine Tumours (non-malignant) ...	...	1	...	1	1	
140. Uterine Hæmorrhage (non-puerperal) ...	...	2	...	2	...	
141. A.—Metritis ...	...	4	...	4	...	
B.—Other affections of the Female Genital Organs—						
Displacements of Uterus ...	...	1	...	1	1	
Amenorrhœa ...	...	...	...	...	...
Dysmenorrhœa ...	...	1	...	1	...	
Leucorrhœa ...	...	...	...	...	...
142. Diseases of the Breast (non-puerperal)—						
Mastitis ...	1	3	...	4	...	
Abscess of Breast ...	...	...	...	...	...
Total carried forward ...	28	479	72	507	29	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remaining in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	28	479	72	507	29	
VIII.—PUERPERAL STATE.						
143. A.—Normal Labour ...	...	3	2	3	1	
B.—Accidents of Pregnancy—						
(a) Abortion ...	...	2	...	2	...	
(b) Ectopic Gestation ...	...	...	...	...	...
(c) Other accidents of Pregnancy ...	...	3	...	3	...	
144. Puerperal Hæmorrhage ...	...	...	...	...	...
145. Other accidents of Parturition	1	4	1	5	...	
146. Puerperal Septicæmia ...	...	...	...	...	...
147. Phlegmasia Dolens ...	...	...	...	...	...
148. Puerperal Eclampsia ...	...	...	...	...	...
149. Sequelæ of Labour ...	...	...	...	...	...
150. Puerperal affections of the Breast ...	...	...	...	...	...
IX.—AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
151. Gangrene ...	...	...	...	...	...
152. Boil—	...	3	1	3	...	
Carbuncle ...	...	1	...	1	...	
Ulcer ...	...	...	...	...	...
153. Abscess—	...	18	...	18	1	
Whitlow ...	...	...	...	...	...
Cellulitis ...	2	16	...	18	2	
154. A.—Tinea ...	...	...	...	...	...
B.—Scabies ...	...	...	...	...	...
155. Other Diseases of the Skin—						
Erythema ...	...	...	...	...	...
Urticaria ...	...	...	...	...	...
Eczema ...	...	3	...	3	...	
Herpes ...	...	...	...	...	...
Psoriasis ...	...	...	...	...	...
Elephantiasis ...	1	14	1	15	1	
Myiasis ...	...	...	...	...	...
Chigoes ...	...	...	...	...	...
Cutaneous Leishmaniasis ...	...	...	...	...	...
Dermatitis... ...	...	...	...	...	...
X.—DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).						
156. Diseases of Bones—						
Osteitis ...	2	7	1	9	3	
157. Diseases of Joints—						
Arthritis ...	...	5	...	5	...	
Synovitis ...	...	1	...	1	...	
158. Other Diseases of Bones or Organs of Locomotion ...	...	...	...	...	...
XI.—MALFORMATIONS.						
159. Malformations—						
Hydrocephalus ...	...	...	...	...	...
Hypospadias... ...	...	...	...	...	...
Spina Bifida, etc. ...	...	...	...	...	...
Total carried forward ...	34	559	78	593	37	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remaining in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	34	559	78	593	37	
XII.—DISEASES OF INFANCY.						
160. Congenital Debility	1	1	1	...	
161. Premature Birth	
162. Other affections of Infancy	1	1	1	...	
163. Infant neglect (infants of three months or over)	
XIII.—AFFECTIONS OF OLD AGE.						
164. Senility—						
Senile Dementia	1	...	1	...	
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
165. Suicide by Poisoning...	
166. Corrosive Poisoning (intentional)	
167. Suicide by Gas Poisoning	
168. Suicide by Hanging or Strangulation...	
169. Suicide by Drowning...	
170. Suicide by Firearms	
171. Suicide by cutting or stabbing Instruments...	
172. Suicide by jumping from a height	
173. Suicide by crushing	
174. Other Suicides...	
175. Food Poisoning—						
Botulism	2	...	2	...	
176. Attacks of poisonous animals—						
Snake Bite	
Insect Bite	
177. Other accidental Poisonings...	
178. Burns (by Fire)	5	2	5	...	
179. Burns (other than by Fire)	
180. Suffocation (accidental)	
181. Poisoning by Gas (accidental)	1	...	1	...	
182. Drowning (accidental)	
183. Wounds by Firearms (war excepted)	4	...	4	1	
184. Wounds (by cutting or stabbing Instruments)	2	1	2	...	
185. Wounds (by Fall)	
186. Wounds (in Mines or Quarries)	
187. Wounds (by Machinery)	
188. Wounds (crushing, <i>e.g.</i> , railway accidents, etc.)	
189. Injuries inflicted by Animals, Bites, Kicks, etc.	
190. Wounds inflicted on Active Service	
191. Executions of civilians by belligerents	
192. A.—Over fatigue	
B.—Hunger or Thirst	
Total carried forward ...	34	576	83	610	38	

TABLE III.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	34	576	83	610	38	
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES (<i>contd.</i>).						
193. Exposure to Cold, Frost bite, etc.	
194. Exposure to Heat— Heatstroke	
Sunstroke	
195. Lightning Stroke	
196. Electric Shock...	
197. Murder by Firearms	
198. Murder by cutting or stabbing Instruments...	
199. Murder by other means	
200. Infanticide (Murder of an infant under one year)	
201. A.—Dislocation	1	...	1	...	
B.—Sprain	1	...	1	...	
C.—Fracture	11	3	11	1	
202. Other external Injuries	2	24	...	26	1	
203. Deaths by Violence of unknown cause...	
XV.—ILL-DEFINED DISEASES.						
204. Sudden Death (cause unknown)	
205. A.—Diseases not already speci- fied or ill-defined—	1	23	...	24	1	
Ascites	
Edema	
Asthenia	
Shock	
Hyperpyrexia	
B.—Malingering	1	...	1	...	
XVI.—DISEASES, THE TOTAL OF WHICH HAVE NOT CAUSED 10 DEATHS.						
Total	37	637	86	674	41	

TABLE III. (a).

LIST OF SURGICAL OPERATIONS FOR 1930. (*Victoria Hospital.*)

Inguinal Hernia—Radial	...	...	...	...	83
" " Strangulated	...	...	...	...	2
Femoral Hernia	...	...	...	...	1
Umbilical Hernia	...	...	...	...	1
Hydrocele—Radial	...	...	...	...	18
Elephantiasis Scroti	...	...	...	...	15
Orchidectomy	...	...	...	...	1
Circumcision	...	...	...	...	127
Urethral Stricture—Dilatation	...	...	...	...	2
<i>Removal of Tumours.</i>					
Lipomata	...	...	...	...	2
Fibromata	...	...	...	...	3
Sarcoma	...	...	...	...	1
Mixed Tumour of Parotid	...	...	...	...	1
Goundon	...	...	...	...	2
Aural Papillomata	...	...	...	...	1
Liver Abscess—Incision and drainage	...	...	...	...	1
Periurethral Abscess	..	..	...	...	1
Abscess	..	..	...	...	4
Sebaceous Cyst—Removal	...	...	...	...	1
Ovarian Cyst—Laparotomy—Drainage	...	...	...	...	1
Empyema	...	...	...	...	2
<i>Wounds, etc.</i>					
G.S.W. Chest—Removal of Bullet and Drainage	...	...	...	...	1
" Hand—Amputation	...	...	...	...	1
Stab wound of Liver—Suturing and drainage	...	...	...	...	1
Ligation of Radial Artery	...	...	...	...	1
Compound Fracture Femur—setting	...	...	...	...	1
" " Tibia and Fibula	...	...	...	...	1
Dislocation of Finger—Reduction	...	...	...	...	1
Osteo-myelitis	...	...	...	...	10
Endometritis—Curetage	...	...	...	...	2
Prolapsus Uteri—Posterior Perineorrhaphy	...	...	...	...	2
Contracted Pelvis—Forceps Delivery	...	...	...	...	1
Decapitation and Manual Delivery of Fœtus	...	...	...	...	1
Total	...	...	...	...	<u>293</u>

TABLE IV.

VICTORIA HOSPITAL, BATHURST.

RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930.

Diseases.	Male.	Female.
I.—EPIDEMIC, ENDEMIC, AND INFECTIOUS DISEASES.		
1. Enteric Group—		
(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	654	320
(b) Quartan ... ..	...	...
(c) Aestivo-autumnal ... ..	...	...
(d) Cachexia ... ..	...	...
(e) Blackwater ... ..	...	...
(f) Unclassified ... ..	...	...
6. Smallpox—	3	...
Alastrim... ..	...	...
7. Measles ... ..	...	...
8. Scarlet Fever ... ..	...	...
9. Whooping Cough	52	39
10. Diphtheria ... ..	...	...
11. Influenza	280	167
12. Miliary Fever ... ..	...	...
13. Mumps	9	4
14. Cholera ... ..	...	...
15. Epidemic diarrhœa ... ..	...	...
16. Dysentery		
(a) Amœbic	20	15
(b) Bacillary ... ..	...	...
(c) Undefined or due to other causes... ..	...	...
17. Plague —		
(a) Bubonic ... ..	...	...
(b) Pneumonic ... ..	...	...
(c) Septicæmic ... ..	...	...
(d) Undefined ... ..	...	...
18. Yellow Fever ... ..	...	...
19. Spirochaetosis ictero-hæmorrhagica ... ..	...	...
20. Leprosy	55	14
21. Erysipelas ... ..	...	...
22. Acute Poliomyelitis ... ..	...	...
23. Encephalitis Lethargica ... ..	...	...
24. Epidemic Cerebro-spinal Fever ... ..	...	...
25. Other Epidemic Diseases—		
(a) Rubeola (German Measles) ... ..	...	...
(b) Varicella (Chicken-pox)	7	11
(c) Kala-azar ... ..	...	...
(d) Phlebotomus Fever ... ..	...	...
(e) Dengue ... ..	...	...
(f) Epidemic Dropsy ... ..	...	...
(g) Yaws... ..	7	3
(h) Trypanosomiasis	87	21
26. Glanders ... ..	...	...
27. Anthrax ... ..	...	...
28. Rabies ... ..	...	...
29. Tetanus	12	2
30. Mycosis ... ..	...	...
Total carried forward	1,186	596

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Male.	Female.
Brought forward	1,186	596
I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES— <i>contd.</i>		
31. Tuberculosis, Pulmonary and Laryngeal... ..	83	25
32. Tuberculosis of the Meninges or Central Nervous System ... ..	...	...
33. Tuberculosis of the Intestines or Peritoneum ... ..	...	...
34. Tuberculosis of the Vertebral Column ... ..	...	...
35. Tuberculosis of Bones and Joints	4	...
36. Tuberculosis of other organs—		
(a) Skin or Subcutaneous Tissue (Lupus) ... ..	...	...
(b) Bones ... ..	...	...
(c) Lymphatic System ... ..	...	...
(d) Genito-urinary ... ..	...	...
(e) Other Organs ... ..	...	...
37. Tuberculosis disseminated—		
(a) Acute ... ..	...	...
(b) Chronic ... ..	...	...
38. Syphilis—		
(a) Primary	7	...
(b) Secondary	18	...
(c) Tertiary ... ..	...	...
(d) Hereditary ... ..	...	...
(e) Period not indicated ... ..	...	...
39. Soft Chancre ... ..	...	...
40. A.—Gonorrhœa and its complications	160	7
B.—Gonorrhœal Ophthalmia	1	...
C.—Gonorrhœal Arthritis ... ..	...	...
D.—Granuloma Venereum ... ..	...	...
41. Septicæmia ... ..	...	...
42. Other Infectious Diseases—	5	...
Trypanosomiasis ... ..	...	...
...
II.—GENERAL DISEASES NOT MENTIONED ABOVE.		
43. Cancer or other malignant Tumours of the Buccal Cavity ... ..	...	...
44. Cancer or other malignant Tumours of the Stomach or Liver ... ..	...	4
45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum ... ..	...	...
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 non-Malignant	13	4
51. Acute Rheumatism ... ..	...	...
52. Chronic Rheumatism	469	197
53. Scurvy (including Barlow's Disease) ... ..	...	...
54. Pellagra ... ..	...	...
55. Beri-Beri	10	...
56. Rickets ... ..	...	...
57. Diabetes (not including Insipidus) ... ..	...	...
58. Anæmia—	53	33
(a) Pernicious ... ..	...	...
(b) Other Anæmias and Chlorosis ... ..	...	...
59. Diseases of the Pituitary Body ... ..	...	...
60. Diseases of the Thyroid Gland—		
(a) Exophthalmic Goitre	5	10
(b) Other diseases of the Thyroid Gland, Myxœdema ... ..	...	...
Total carried forward	2,014	876

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward	2,014	876
II.—GENERAL DISEASES NOT MENTIONED ABOVE— <i>contd.</i>		
61. Diseases of the Para-Thyroid Glands ... ..	...	...
62. Diseases of the Thymus ... ..	...	...
63. Diseases of the Supra-Renal Glands ... ..	...	...
64. Diseases of the Spleen	4	12
65. Leukæmia—		
(a) Leukæmia ... ..	...	1
(b) Hodgkin's Disease ... ..	...	...
66. Alcoholism ... ..	...	...
67. Chronic poisoning by mineral substances (lead, mercury, &c.) ... ..	...	...
68. Chronic poisoning by organic substances (Morphia, Cocaine, &c.) ... ..	...	...
69. Other General Diseases—		
Auto-intoxication ... ..	...	...
Purpura Hæmorrhagica ... ..	...	...
Hæmophilia ... ..	...	2
Diabetes Insipidus ... ..	...	...
III.—AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
70. Encephalitis (not including Encephalitis Lethargica) ... ..	...	...
71. Meningitis (not including Tuberculous Meningitis or Cerebro-spinal Meningitis) ... ..	...	...
72. Locomotor Ataxia ... ..	...	...
73. Other affections of the Spinal Cord ... ..	...	...
74. Apoplexy—		
(a) Hæmorrhage ... ..	...	...
(b) Embolism ... ..	...	...
(c) Thrombosis ... ..	...	...
75. Paralysis—		
(a) Hemiplegia	4	1
(b) Other Paralysees	3	1
76. General Paralysis of the Insane ... ..	...	...
77. Other forms of Mental Alienation ... ..	...	...
78. Epilepsy	3	...
79. Eclampsia, Convulsions (non-puerperal) 5 years or over ... ..	...	...
80. Infantile Convulsions ... ..	...	...
81. Chorea ... ..	...	...
82. A.—Hysteria	2	3
B.—Neuritis	117	52
C.—Neurasthenia	3	...
83. Cerebral Softening ... ..	...	...
84. Other affections of the Nervous System, such as Paralysis Agitans ... ..	...	...
85. Affections of the Organs of Vision—		
(a) Diseases of the Eye	61	42
(b) Conjunctivitis	155	78
(c) Trachoma ... ..	...	...
(d) Tumours of the Eye ... ..	...	...
(e) Other affections of the Eye	51	44
86. Affections of the Ear or Mastoid Sinus	83	29
Total carried forward	2,500	1,141

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Male.	Female.
Brought forward... ..	2,500	1,141
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM.		
87. Pericarditis ... ..	...	...
88. Acute Endocarditis or Myocarditis	12	1
89. Angina Pectoris ... ..	...	...
90. Other Diseases of the Heart—	12	1
(a) Valvular—		
Mitral	54	25
Aortic ... ..	...	...
Tricuspid... ..	...	...
Pulmonary ... ..	...	...
(b) Myocarditis	111	37
91. Diseases of the Arteries—		
(a) Aneurism ... ..	...	...
(b) Arterio-Sclerosis	6	...
(c) Other diseases ... ..	...	...
92. Embolism or Thrombosis (non-cerebral) ... ..	...	...
93. Diseases of the Veins—		
Hæmorrhoids	53	4
Varicose Veins	20	12
Phlebitis... ..	...	...
94. Diseases of the Lymphatic System—		
Lymphangitis ... ..	...	...
Lymphadenitis, Bubo (non-specific)	73	20
95. Hæmorrhage of undetermined cause ... ..	...	...
96. Other affections of the Circulatory System ... ..	...	...
V.—AFFECTIONS OF THE RESPIRATORY SYSTEM.		
97. Diseases of the Nasal Passages—		
Adenoids... ..	...	...
Polypus ... ..	...	...
Rhinitis	9	2
Coryza	84	43
98. Affections of the Larynx—		
Laryngitis	3	1
99. Bronchitis—		
(a) Acute	1,522	826
(b) Chronic	279	143
100. Broncho-Pneumonia ... ..	...	...
101. Pneumonia—		
(a) Lobar	65	21
(b) Unclassified ... ..	...	...
102. Pleurisy, Empyema	75	16
103. Congestion of the Lungs ... ..	...	...
104. Gangrene of the Lungs ... ..	...	...
105. Asthma	6	5
106. Pulmonary Emphysema ... ..	...	...
107. Other affections of the Lungs—		
Pulmonary Spirochaetosis ... ..	...	...
VI.—DISEASES OF THE DIGESTIVE SYSTEM.		
108. A.—Diseases of Teeth or Gums—		
Caries, Pyorrhœa, etc.	160	44
B.—Other affections of the Mouth—		
Stomatitis	18	25
Glossitis, etc.	135	79
Total carried forward	5,197	2,446

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Male.	Female.
Brought forward	5,197	2,446
VI.—DISEASES OF THE DIGESTIVE SYSTEM— <i>contd.</i>		
109. Affections of the Pharynx or Tonsils—		
Tonsillitis	31	30
Pharyngitis	21	10
110. Affections of the Oesophagus		
111. A.—Ulcer of the Stomach		
B.—Ulcer of the Duodenum		
112. Other affections of the Stomach—		
Gastritis	50	55
Dyspepsia, &c.	93	81
113. Diarrhoea and Enteritis—		
Under two years	80	41
114. Diarrhoea and Enteritis—		
Two years and over	164	85
Colitis ... ..	...	...
Ulceration ... ..	...	...
114a Sprue ... ..	...	...
115. Ankylostomiasis	2	...
116. Diseases due to Intestinal Parasites—		
(a) Cestoda (<i>Tænia</i>)	2	...
(b) Trematoda (<i>Flukes</i>) ... ..	...	...
(c) Nematoda (other than <i>Ankylostoma</i>)—		
Ascaris	196	175
Trichocephalus dispar ... ..	...	...
Trichina ... ..	...	...
Dracunculus ... ..	...	4
Strongylus ... ..	...	...
Oxyuris ... ..	...	...
(d) Coccidia ... ..	...	...
(e) Other parasites ... ..	...	...
(f) Unclassified ... ..	...	...
117. Appendicitis ... ..	...	...
118. Hernia	93	3
119. A.—Affections of the Anus, Fistula, &c.		
B.—Other affections of the Intestines		
Enteroptosis ... ..	...	...
Constipation	945	500
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	26	6
Cholecystitis ... ..	...	...
Jaundice	3	...
125. Diseases of the Pancreas		
126. Peritonitis (of unknown cause)	1	...
127. Other affections of the Digestive System		
Total carried forward	6,953	3,452

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Male.	Female.
Brought forward	6,953	3,452
VII.—DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).		
128. Acute Nephritis	14	8
129. Chronic	25	12
130. A.—Chyluria ... ..	...	...
B.—Schistosomiasis	8	6
131. Other affections of the Kidneys—		
Pyelitis, etc. ... ..	..	...
132. Urinary Calculus ... ..	..	...
133. Diseases of the Bladder—		
Cystitis	42	23
134. Diseases of the Urethra—		
(a) Stricture	19	1
(b) Other... ..	1	5
135. Diseases of the Prostate—		
Hypertrophy ... ..	...	...
Prostatitis... ..	...	...
136. Diseases (non-Venereal) of the Genital Organs of Man—	124	...
Epididymitis	19	...
Orchitis	44	...
Hydrocele	30	...
Ulcer of Penis	36	...
137. Cysts or other (non-malignant) Tumours of the Ovaries ...	...	...
138. Salpingitis—		18
Abscess of the Pelvis ... ..	...	...
139. Uterine Tumours (non-malignant) ... ..	...	2
140. Uterine Hæmorrhage (non-puerperal) ... ..	...	11
141. A.—Metritis ... ..	...	...
B.—Other affections of the Female Genital Organs—	...	16
Displacements of Uterus ... ..	...	...
Amenorrhœa ... ..	...	97
Dysmenorrhœa ... ..	...	37
Leucorrhœa ... ..	...	18
142. Diseases of the Breast (non-puerperal)—		
Mastitis ... ..	...	23
Abscess of Breast ... ..	...	3
VIII.—PUERPERAL STATE.		
143. A.—Normal Labour ... ..	...	...
B.—Accidents of Pregnancy—	...	...
(a) Abortion ... ..	...	32
(b) Ectopic Gestation ... ..	...	...
(c) Other accidents of Pregnancy ... ..	...	...
144. Puerperal Hæmorrhage ... ..	...	...
145. Other accidents of Parturition ... ..	...	...
146. Puerperal Septicæmia ... ..	...	...
147. Phlegmasia Dolens ... ..	...	...
148. Puerperal Eclampsia ... ..	...	...
149. Sequelæ of Labour ... ..	...	...
150. Puerperal affections of the Breast ... ..	...	...
Total carried forward	7,315	3,764

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Female.
Brought forward... ..	7,315	3,764
IX.—AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.		
151. Gangrene ... ..	...	...
152. Boil—	39	9
Carbuncle	3	...
153. Abscess—	68	17
Whitlow	190	36
Cellulitis	274	82
154. A.—Tinea	39	9
B.—Scabies	177	30
155. Other Diseases of the Skin—	5	1
Erythema ... ..	...	...
Urticaria... ..	8	3
Eczema	166	46
Herpes	13	3
Psoriasis ... ..	...	...
Elephantiasis	20	5
Myiasis ... ..	...	...
Chigoes ... ..	...	...
Cutaneous Leishmaniasis ... ..	...	...
X.—DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).		
156. Diseases of Bones—		
Osteitis	26	3
157. Diseases of Joints—		
Arthritis	27	9
Synovitis... ..	11	2
158. Other Diseases of Bones or Organs of Locomotion	8	1
XI.—MALFORMATIONS.		
159. Malformations—	19	8
Hydrocephalus ... ..	...	...
Hypospadias ... ..	...	...
Spina Bifida, &c. ... ..	...	...
XII.—DISEASES OF INFANCY.		
160. Congenital Debility ... ..	...	...
161. Premature Birth ... ..	...	...
162. Other affections of Infancy ... ..	...	...
163. Infant neglect (infants of three months or over) ... ..	...	...
XIII.—AFFECTIONS OF OLD AGE.		
164. Senility—	2	...
Senile Dementia ... ..	...	...
Total carried forward	8,410	4,028

TABLE IV.—*continued.*VICTORIA HOSPITAL, BATHURST—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Male.	Female.
Brought forward	8,410	4,028
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
165. Suicide by Poisoning ... ..	...	...
166. Corrosive Poisoning (intentional) ... ..	...	...
167. Suicide by Gas Poisoning ... ..	...	...
168. Suicide by Hanging or Strangulation ... ..	...	...
169. Suicide by Drowning ... ..	...	...
170. Suicide by Firearms ... ..	...	...
171. Suicide by cutting or stabbing Instruments ... ..	...	...
172. Suicide by jumping from a height ... ..	...	...
173. Suicide by crushing ... ..	...	...
174. Other Suicides ... ..	...	...
175. Food Poisoning—		
Botulism ... ..	...	...
176. Attacks of poisonous animals—		
Snake Bite	1	1
Insect Bite ... ..	...	...
177. Other accidental Poisonings ... ..	...	...
178. Burns (by Fire)	26	12
179. Burns (other than by Fire) ... ..	...	...
180. Suffocation (accidental) ... ..	...	...
181. Poisoning by Gas (accidental) ... ..	...	...
182. Drowning (accidental) ... ..	...	...
183. Wounds by Firearms (war excepted) ... ..	...	...
184. Wounds (by cutting or stabbing Instruments) ... ..	...	...
185. Wounds (by Fall) ... ..	...	...
186. Wounds (in Mines or Quarries) ... ..	...	...
187. Wounds (by Machinery) ... ..	...	...
188. Wounds (crushing, <i>e.g.</i> , railway accidents, &c.) ... ..	...	...
189. Injuries inflicted by animals, Bites, Kicks, &c.	3	...
190. Wounds inflicted on Active Service ... ..	...	...
191. Executions of civilians by belligerents ... ..	...	...
192. A.—Over fatigue ... ..	...	...
B.—Hunger or Thirst ... ..	...	...
193. Exposure to Cold, Frost Bites, &c. ... ..	...	...
194. Exposure to Heat—		
Heatstroke ... ..	...	...
Sunstroke ... ..	...	...
195. Lightning Stroke ... ..	...	...
196. Electric Shock ... ..	...	...
197. Murder by Firearms ... ..	...	...
198. Murder by cutting or stabbing Instruments ... ..	...	...
199. Murder by other means ... ..	...	...
200. Infanticide (Murder of an infant under one year) ... ..	...	...
201. A.—Dislocation	5	1
B.—Sprain	22	1
C.—Fracture	12	2
202. Other external Injuries	174	39
203. Deaths by Violence of unknown cause ... ..	...	...
Total carried forward	8,653	4,084

APPENDIX I.

ANNUAL MEDICAL REPORT

FOR GEORGETOWN AND THE PROTECTORATE FOR 1930.

(A) HOSPITALS AND DISPENSARIES.

(a) Record of work and Prevailing Diseases.

(1) *Georgetown Hospital.*

(a) In-Patients.

Remaining in Hospital from 1929	21
Admissions	304
Total cases treated	325
Total Deaths	31

Prevalent Diseases :—Malaria, 53 ; Ulcer, 48 ; Mumps, 28 ; Wounds, 16 ; Trypanosomiasis, 14.

(b) Out-Patients.

Total treated	4,458
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Prevalent Diseases :—Malaria, 451 ; Chronic Rheumatism, 417 ; Yaws, 380 ; Bronchitis, 378 ; Ulcer, 331 ; Wounds, 228.

(2) *Georgetown Prison closed in 1929.*(3) *Basse Dispensary.*

Total cases treated	4,419
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(4) *Kau-ur Dispensary.*

Total cases treated	2,375
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(B) IMPROVEMENTS EFFECTED AND ALTERATIONS.

(1) *Georgetown Hospital.*

The last months of 1930 were taken up by the conversion of the former Prison Buildings into a hospital with storerooms and staff quarters. The conversion was not quite completed at the end of the year, but promised to be a great improvement on the former accommodation. Four wards being available capable of containing six patients in each normally, while an extra bed might be erected in each ward without any very marked overcrowding. Two rooms are available in the centre of the building, as "Surgery" and "Out-Patient Dressing" room.

Half of the former police lines are to be used as staff quarters, and the other half converted to Dispensary and storerooms.

Suitable latrine and bathroom accommodation for In-Patients is also being provided. The former prison kitchen building is to be used as such, and another building is being converted into a "Mortuary," supplying a long felt want. The former hospital building is being converted into European quarters, and the former Out-Patient room and Dispensary into a European ward.

(C) AVERAGE COST PER HEAD OF PATIENTS.

Georgetown Hospital—One shilling per diem.

(Signed) D. SCOTT JOHNSTON,
M.O. Protectorate.

APPENDIX II.

ANNUAL SANITARY REPORT.

FOR GEORGETOWN AND THE PROTECTORATE FOR 1930.

1. HYGIENE AND SANITATION.

Malaria.—504 cases were treated at Georgetown Hospital. The increase from the previous year of 150 may be partly accounted for by the increase of 603 in total number of Out-Patients treated.

Trypanosomiasis.—14 cases with 4 deaths were treated as In-Patients, and 19 cases as Out-Patients at Georgetown Hospital.

Yellow Fever.—Has not been reported in the Protectorate in 1930.

Relapsing Fever.—Not known to have occurred.

Smallpox.—64 cases with 10 deaths, of which 33 occurred at Kwinella, Eastern Kiang with 9 deaths—other most smaller outbreaks occurred in Niani and Wuli Districts with sporadic cases elsewhere.

Dysentery.—10 cases were treated in Hospital with 2 deaths.

Tuberculosis.—7 cases were treated in Hospital with 1 death while 13 were treated as Out-Patients.

Yaws.—384 cases were treated at Georgetown Hospital, the disease is very prevalent in the Upper River Province and 246 cases were treated at the bush surgeries there, the results are very satisfactory, and the treatment very popular.

Leprosy.—22 cases treated as Out-Patients and 9 as In-Patients. "Alepol" injections have been the method of treatment, but the course is too prolonged for the patients to submit to its completion. This problem has been fully discussed in previous reports.

2. GENERAL MEASURES OF SANITATION.

Night Soil Disposal.—Pan latrines are in general use amongst the European community; the pans from Government quarters being emptied by sanitary labourers: the business firms make their own arrangements under the supervision of the Medical Officer. Burial is the usual method of disposal of excreta, except at Kunta-ur, where this is impracticable owing to the swampy nature of the ground and the pans are emptied in mid-river from a punt. Cesspits in the yards are used by most of the African population in the wharf towns. There are public latrines at Georgetown and Kunta-ur, the pan system being employed.

Scavenging.—Markets and Government Stations in Georgetown, Kunta-ur, Kau-ur, Basse, and Fatoto are provided with dustbins, emptied by sanitary gangs.

Refuse Disposal.—Mud incinerators are used in Georgetown, Bermuda incinerators in the other wharf towns. So far as possible non-combustible refuse is used for filling in borrow pits and swampy ground.

Water Supplies.—Rain-water tanks are provided at nearly all European quarters for storage of drinking water. Wells form the main source of drinking water for the African population.

Towards the end of the year it was decided that refuse destruction and scavenging and cleanliness generally in wharfside towns should be placed in the hands of Headmen or Chieftains of those towns under the general control of Travelling Commissioners. This was done as it was thought in this way economy would result and efficiency not suffer: at the end of the year the scheme had not been sufficiently long in practice for an opinion to be formed whether or not it was likely to be successful.

3. SCHOOL HYGIENE.

ARMITAGE SCHOOL.

During July and August there was an epidemic of Enteritis among the schoolboys and staff—10 were serious enough to be admitted to hospital and two died.

Minor ailments have been chiefly injuries and chronic ulcers.

The spleen rate at May inspection was found to be slight enlargement 8 per cent.; fair enlargement 13 per cent.

APPENDIX III.

TABLE V.

GEORGETOWN HOSPITAL.

RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930.

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
I.—EPIDEMIC, ENDEMIC, AND INFECTIOUS DISEASES.						
1. Enteric Group—						
(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	53	2	53	...	
(d) Cachexia	
(e) Blackwater	
6. Smallpox—						
Alastrim	1	...	1	...	
7. Measles	
8. Scarlet Fever	
9. Whooping Cough	
10. Diphtheria	
11. Influenza	2	...	2	...	
12. Miliary Fever	
13. Mumps ...	4	24	...	28	...	
14. Cholera	
15. Epidemic diarrhoea	
16. Dysentery—						
(a) Amœbic	
(b) Bacillary	
(c) Undefined or due to other causes ...	1	9	2	10	...	
17. Plague—						
(a) Bubonic	
(b) Pneumonic	
(c) Septicæmic	
(d) Undefined	
18. Yellow Fever	
19. Spirochaetosis ictero-hæmor- rhagica	
20. Leprosy	9	...	9	...	
21. Erysipelas	
22. Acute Poliomyelitis	
23. Encephalitis Lethargica	
24. Epidemic Cerebro-spinal Fever	
25. Other Epidemic Diseases—						
(a) Rubeola (German Measles)	
(b) Varicella (Chicken-pox)	
(c) Kala-azar	
(d) Phlebotomus Fever	
(e) Dengue	
(f) Epidemic Dropsy	
(g) Yaws	4	...	4	...	
(h) Trypanosomiasis ...	2	12	4	14	1	
Total carried forward ...	7	114	8	121	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	7	114	8	121	1	
I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES—<i>contd.</i>						
26. Glanders	
27. Anthrax	
28. Rabies	
29. Tetanus	
30. Mycosis	1	...	...	1	...	
31. Tuberculosis, Pulmonary and Laryngeal	1	6	1	7	...	
32. Tuberculosis of the Meninges or Central Nervous System	
33. Tuberculosis of the Intestines or Peritoneum	
34. Tuberculosis of the Vertebral Column	
35. Tuberculosis of Bones and Joints	
36. Tuberculosis of other organs— (a) Skin or Subcutaneous Tissue (Lupus)	
(b) Bones	
(c) Lymphatic System	
(d) Genito-urinary	
(e) Other Organs	
37. Tuberculosis disseminated— (a) Acute	
(b) Chronic	
38. Syphilis— (a) Primary	
(b) Secondary	
(c) Tertiary	
(d) Hereditary	
(e) Period not indicated ...	1	6	...	7	...	
39. Soft Chancre	
40. A.—Gonorrhœa and its com- plications	2	...	2	...	
B.—Gonorrhœal Ophthalmia...	
C.—Gonorrhœal Arthritis	
D.—Granuloma Venereum	
41. Septicæmia	1	1	1	...	
42. Other Infectious Diseases— Trypanosomiasis	
II.—GENERAL DISEASES NOT MENTIONED ABOVE.						
43. Cancer or other malignant Tumours of the Buccal Cavity	
44. Cancer or other malignant Tumours of the Stomach or Liver...	
45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum	
Total carried forward ...	10	129	10	139	1	

TABLE V.—*continued*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	10	129	10	139	1	
II.—GENERAL DISEASES NOT MENTIONED ABOVE— <i>contd.</i>						
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 non-Malignant	1	...	1	..	
51. Acute Rheumatism ...	1	10	2	11	...	
52. Chronic Rheumatism	
53. Scurvy (including Barlow's Disease)	
54. Pellagra	
55. Beri-beri	
56. Rickets	
57. Diabetes (not including Insipidus)	
58. Anæmia—						
(a) Pernicious	
(b) Other Anæmias and Chlorosis	
59. Diseases of the Pituitary Body	
60. Diseases of the Thyroid Gland—						
(a) Exophthalmic Goitre	
(b) Other diseases of the Thyroid Gland, Myxœdema	
61. Diseases of the Para-Thyroid Glands	
62. Diseases of the Thymus	
63. Diseases of the Supra-Renal Glands	
64. Diseases of the Spleen...	
65. Leukæmia—						
(a) Leukæmia	
(b) Hodgkin's Disease	
66. Alcoholism	
67. Chronic poisoning by mineral substances (lead, mercury, etc.)	
68. Chronic poisoning by organic substances (Morphia, Cocaine, etc.)	
69. Other General Diseases—						
Auto-intoxication	
Purpura Hæmorrhagica	
Hæmophilia...	
Diabetes Insipidus	
Total carried forward	11	140	12	151	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	11	140	12	151	1	
III.—AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
70. Encephalitis (not including Encephalitis Lethargica)	
71. Meningitis (not including Tuberculous Meningitis or Cerebro-spinal Meningitis)	
72. Locomotor Ataxia	
73. Other affections of the Spinal Cord	
74. Apoplexy—						
(a) Hæmorrhage	
(b) Embolism	
(c) Thrombosis	
75. Paralysis—						
(a) Hemiplegia ...	1	...	...	1	...	
(b) Other Paralyzes	
76. General Paralysis of the Insane	
77. Other forms of Mental Alienation	1	...	1	...	
78. Epilepsy	
79. Eclampsia, Convulsions (non-puerperal) 5 years or over	
80. Infantile Convulsions	
81. Chorea	
82. A.—Hysteria	
B.—Neuritis	
C.—Neurasthenia	
83. Cerebral Softening	
84. Other affections of the Nervous System, such as Paralysis Agitans	
85. Affections of the Organs of Vision—						
(a) Diseases of the Eye	
(b) Conjunctivitis	3	...	3	...	
(c) Trachoma	
(d) Tumours of the Eye	
(e) Other affections of the Eye	
86. Affections of the Ear or Mastoid Sinus	
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM.						
87. Pericarditis	
88. Acute Endocarditis or Myocarditis	
89. Angina Pectoris	
90. Other Diseases of the Heart—						
(a) Valvular...	
Mitral	
Aortic	2	2	2	...	
Tricuspid	
Pulmonary	
(b) Myocarditis	1	3	2	4	...	
Total carried forward ...	13	149	16	162	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	13	149	16	162	1	
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM—<i>contd.</i>						
91. Diseases of the Arteries—						
(a) Aneurism ...	...	...	...	...	...
(b) Arterio-Sclerosis ...	...	...	...	...	...
(c) Other diseases ...	...	...	...	...	...
92. Embolism or Thrombosis (non-cerebral) ...	...	...	...	...	...
93. Diseases of the Veins—						
Hæmorrhoids ...	...	...	...	...	...
Varicose Veins ...	...	...	...	...	...
Phlebitis ...	...	...	...	...	...
94. Diseases of the Lymphatic System—						
Lymphangitis ...	...	...	...	...	...
Lymphadenitis, Bubo (non-specific) ...	...	5	...	5	...	
95. Hæmorrhage of undetermined cause ...	...	...	...	...	...
96. Other affections of the Circulatory System ...	...	...	...	...	...
V.—AFFECTIONS OF THE RESPIRATORY SYSTEM.						
97. Diseases of the Nasal Passages—						
Adenoids ...	...	...	...	...	...
Polypus ...	...	...	...	...	...
Rhinitis ...	...	1	...	1	...	
Coryza ...	...	...	...	...	...
98. Affections of the Larynx—						
Laryngitis ...	...	...	...	...	...
99. Bronchitis—						
(a) Acute ...	...	5	...	5	...	
(b) Chronic ...	...	...	...	...	...
100. Broncho-Pneumonia ...	...	...	...	...	...
101. Pneumonia—						
(a) Lobar ...	...	9	5	9	...	
(b) Unclassified ...	...	3	...	3	...	
102. Pleurisy, Empyema ...	...	...	...	...	...
103. Congestion of the Lungs ...	...	...	...	...	...
104. Gangrene of the Lungs ...	...	...	...	...	...
105. Asthma ...	...	...	...	...	...
106. Pulmonary Emphysema ...	...	...	...	...	...
107. Other affections of the Lungs—						
Pulmonary Spirochaetosis ...	...	...	...	...	...
VI.—DISEASES OF THE DIGESTIVE SYSTEM.						
108. A.—Diseases of Teeth or Gums—						
Caries, Pyorrhœa, etc.	...	...	...	...	...
B.—Other affections of the Mouth—						
Stomatitis ...	...	1	...	1	...	
Glossitis, etc. ...	...	...	...	...	...
Total carried forward ...	13	173	21	186	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	13	173	21	186	1	
VI.—DISEASES OF THE DIGESTIVE SYSTEM—<i>contd.</i>						
109. Affections of the Pharynx or Tonsils—						
Tonsillitis ... ..	...	...	...	...	...
Pharyngitis ... ..	...	...	...	...	...
110. Affections of the Oesophagus	...	...	...	...	...
111. A.—Ulcer of the Stomach ...	...	...	...	...	...
B.—Ulcer of the Duodenum...	...	...	...	...	...
112. Other affections of the Stomach—						
Gastritis ... ..	...	...	...	...	...
Dyspepsia, etc. ... ..	...	...	...	...	...
113. Diarrhoea and Enteritis—						
Under two years ... ..	...	...	...	...	...
114. Diarrhoea and Enteritis—						
Two years and over ... ..	...	9	...	9	...	
Colitis ... ..	...	...	...	...	...
Ulceration ... ..	...	...	...	...	...
114a Sprue ... ..	...	...	...	...	...
115. Ankylostomiasis ... ..	...	...	...	...	...
116. Diseases due to Intestinal Para- 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... ..	...	10	1	10	...	
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 ... ..	...	...	...	...	...
Cholecystitis... ..	...	...	...	...	...
Jaundice ... ..	...	...	...	...	...
Total carried forward ...	13	192	22	205	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	13	192	22	205	1	
VI.—DISEASES OF THE DIGESTIVE SYSTEM—<i>contd.</i>						
125. Diseases of the Pancreas	1	1	1	...	
126. Peritonitis (of unknown cause)	
127. Other affections of the Digestive System	1	...	1	...	
VII.—DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).						
128. Acute Nephritis	
129. Chronic ...	1	...	1	1	...	
130. A.—Chyluria	
B.—Schistosomiasis	
131. Other affections of the Kidneys— Pyelitis, &c.	
132. Urinary Calculus	
133. Diseases of the Bladder— Cystitis	
134. Diseases of the Urethra— (a) Stricture... (b) Other	1	...	1	...	
135. Diseases of the Prostate— Hypertrophy ... Prostatitis	
136. Diseases (non-Venereal) of the Genital Organs of Man— Epididymitis ... Orchitis ... Hydrocele ... Ulcer of Penis	1 2	...	1 2	...	
137. Cysts or other (non-malignant) Tumours of the Ovaries	
138. Salpingitis— Abscess of the Pelvis	
139. Uterine Tumours (non-malignant)	
140. Uterine Hæmorrhage (non-puerperal)	
141. A.—Metritis ... B.—Other affections of the Female Genital Organs— Displacements of Uterus ... Amenorrhœa ... Dysmenorrhœa ... Leucorrhœa	
142. Diseases of the Breast (non-puerperal)— Mastitis ... Abscess of Breast	
Total carried forward ...	14	198	24	212	1	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	14	198	24	212	1	
VIII.—PUERPERAL STATE.						
143. A.—Normal Labour ...	...	...	...	...	...
B.—Accidents of Pregnancy—						
(a) Abortion ...	...	...	...	...	...
(b) Ectopic Gestation ...	...	...	...	...	...
(c) Other accidents of Pregnancy ...	...	...	...	...	...
144. Puerperal Hæmorrhage ...	...	...	...	...	...
145. Other accidents of Parturition ...	...	...	...	...	...
146. Puerperal Septicæmia ...	...	...	...	...	...
147. Phlegmasia Dolens ...	...	...	...	...	...
148. Puerperal Eclampsia ...	...	...	...	...	...
149. Sequelæ of Labour ...	...	...	...	...	...
150. Puerperal affections of the Breast ...	...	...	...	...	...
IX.—AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
151. Gangrene ...	...	...	...	...	...
152. Boil—						
Carbuncle ...	...	...	...	...	...
153. Abscess—						
Whitlow ...	...	10	...	10	...	
Cellulitis ...	...	3	...	3	...	
154. A.—Tinea ...	...	...	...	...	...
B.—Scabies ...	...	...	...	...	...
155. Other Diseases of the Skin—	3	45	...	48	3	
Erythema ...	...	...	...	...	...
Urticaria ...	...	...	...	...	...
Eczema ...	...	1	...	1	...	
Herpes ...	...	...	...	...	...
Psoriasis ...	...	...	...	...	...
Elephantiasis ...	...	3	...	3	...	
Myiasis ...	...	...	...	...	...
Chigoes ...	...	...	...	...	...
Cutaneous Leishmaniasis ...	...	...	...	...	...
X.—DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).						
156. Diseases of Bones—						
Osteitis ...	1	1	...	2	...	
157. Diseases of Joints—						
Arthritis ...	1	8	...	9	...	
Synovitis ...	...	...	...	...	...
158. Other Diseases of Bones or Organs of Locomotion ...	...	1	...	1	...	
XI.—MALFORMATIONS.						
159. Malformations—						
Hydrocephalus ...	...	...	...	...	...
Hypospadias... ...	...	...	...	...	...
Spina Bifida, etc. ...	...	...	...	...	...
Total carried forward ...	19	270	24	289	4	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital at end of 1930.	Remarks
		Admissions.	Deaths.			
Brought forward ...	19	270	24	289	4	
XII.—DISEASES OF INFANCY.						
160. Congenital Debility	
161. Premature Birth	
162. Other affections of Infancy	
163. Infant neglect (infants of three months or over)	
XIII.—AFFECTIONS OF OLD AGE.						
164. Senility— Senile Dementia	
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
165. Suicide by Poisoning...	
166. Corrosive Poisoning ... (intentional)	
167. Suicide by Gas Poisoning	
168. Suicide by Hanging or Strangu- lation...	
169. Suicide by Drowning...	
170. Suicide by Firearms	
171. Suicide by cutting or stabbing Instruments...	
172. Suicide by jumping from a height	
173. Suicide by crushing	
174. Other Suicides...	
175. Food Poisoning— Botulism	
176. Attacks of poisonous animals Snake Bite Insect Bite	
177. Other accidental Poisonings...	
178. Burns (by Fire)	6	4	6	...	
179. Burns (other than by Fire)	
180. Suffocation (accidental)	
181. Poisoning by Gas (accidental)	
182. Drowning (accidental)	
183. Wounds by Firearms (war ex- cepted)	
184. Wounds (by cutting or stabbing Instruments)	1	15	1	16	1	
185. Wounds (by Fall)	
186. Wounds (in Mines or Quarries)	
187. Wounds (by Machinery)	
188. Wounds (crushing, <i>e.g.</i> , rail- way accidents, etc.)	
189. Injuries inflicted by Animals, Bites, Kicks, etc.	
190. Wounds inflicted on Active Service	
191. Executions of civilians by belligerents	
192. A.—Over fatigue B.—Hunger or Thirst	
Total carried forward ...	20	291	29	311	5	

TABLE V.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Remaining in Hospital at end of 1929.	Yearly Total.		Total Cases Treated.	Remain ing in Hospital at end of 1930.	Remarks.
		Admissions.	Deaths.			
Brought forward ...	20	291	29	311	5	
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES— <i>contd.</i>						
193. Exposure to Cold, Frost bite, etc.	
194. Exposure to Heat—						
Heatstroke	
Sunstroke	
195. Lightning Stroke	
196. Electric Shock...	
197. Murder by Firearms	
198. Murder by cutting or stabbing Instruments...	
199. Murder by other means	
200. Infanticide (Murder of an infant under one year)	
201. A.—Dislocation	
B.—Sprain	
C.—Fracture	1	7	1	8	1	
202. Other external injuries	
203. Deaths by Violence of unknown cause...	
XV.—ILL-DEFINED DISEASES.						
204. Sudden Death (cause unknown)	
205. A.—Diseases not already speci- fied or ill-defined—						
Ascites	5	1	5	...	
Edema	
Asthenia	1	...	1	...	
Shock	
Hyperpyrexia	
B.—Malingering	
XVI.—DISEASES, THE TOTAL OF WHICH HAVE NOT CAUSED 10 DEATHS.						
...	
Total	21	304	31	325	6	

APPENDIX IV.

TABLE VI.

GEORGETOWN HOSPITAL.
RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930.

Diseases.	Males.	Females.
1.—EPIDEMIC, ENDEMIC, AND INFECTIOUS DISEASES.		
1. Enteric Group—		
(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	314	137
(d) Cachexia ... ..	...	...
(e) Blackwater ... ..	...	1
6. Smallpox—		
Alastrim... ..	...	1
7. Measles	1	...
8. Scarlet Fever ... ..	...	...
9. Whooping Cough ... ..	...	...
10. Diphtheria ... ..	...	...
11. Influenza	28	9
12. Miliary Fever ... ..	...	...
13. Mumps	36	...
14. Cholera ... ..	...	...
15. Epidemic diarrhoea ... ..	...	...
16. Dysentery—		
(a) Amœbic ... ..	...	...
(b) Bacillary ... ..	...	...
(c) Undefined or due to other causes... ..	26	10
17. Plague—		
(a) Bubonic ... ..	...	...
(b) Pneumonic ... ..	...	...
(c) Septicæmic ... ..	...	...
(d) Undefined ... ..	...	...
18. Yellow Fever ... ..	...	...
19. Spirochaetosis ictero-haemorrhagica ... ..	...	...
20. Leprosy	15	7
21. Erysipelas ... ..	...	...
22. Acute Poliomyelitis ... ..	...	...
23. Encephalitis Lethargica ... ..	...	...
24. Epidemic Cerebro-spinal Fever ... ..	...	...
25. Other Epidemic Diseases—		
(a) Rubeola (German Measles) ... ..	...	...
(b) Varicella (Chicken-pox) ... ..	...	...
(c) Kala-azar ... ..	...	...
(d) Phlebotomus Fever ... ..	...	...
(e) Dengue ... ..	...	...
(f) Epidemic Dropsy ... ..	...	...
(g) Yaws... ..	237	143
(h) Trypanosomiasis	15	4
26. Glanders ... ..	...	...
27. Anthrax ... ..	...	...
28. Rabies ... ..	...	...
29. Tetanus ... ..	...	...
30. Mycosis ... ..	...	...
Total carried forward	672	312

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward	672	312
I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES— <i>contd.</i>		
31. Tuberculosis, Pulmonary and Laryngeal... ..	8	4
32. Tuberculosis of the Meninges or Central Nervous System ... ..	...	...
33. Tuberculosis of the Intestines or Peritoneum	1	...
34. Tuberculosis of the Vertebral Column ... ..	...	...
35. Tuberculosis of Bones and Joints ... ..	...	...
36. Tuberculosis of other organs—		
(a) Skin or Subcutaneous Tissue (Lupus) ... ..	...	...
(b) Bones ... ..	...	...
(c) Lymphatic System ... ..	...	...
(d) Genito-urinary ... ..	...	...
(e) Other Organs ... ..	...	...
37. Tuberculosis disseminated—		
(a) Acute ... ..	...	...
(b) Chronic ... ..	...	...
38. Syphilis—		
(a) Primary ... ..	...	...
(b) Secondary	4	...
(c) Tertiary ... ..	...	...
(d) Hereditary ... ..	...	...
(e) Period not indicated	12	11
39. Soft Chancre ... ..	...	...
40. A.—Gonorrhœa and its complications	57	9
B.—Gonorrhœal Ophthalmia	1	...
C.—Gonorrhœal Arthritis ... ..	...	...
D.—Granuloma Venereum ... ..	...	...
41. Septicæmia ... ..	...	...
42. Other Infectious Diseases—		
Trypanosomiasis ... ..	...	...
II.—GENERAL DISEASES NOT MENTIONED ABOVE.		
43. Cancer or other malignant Tumours of the Buccal Cavity ... ..	...	...
44. Cancer or other malignant Tumours of the Stomach or Liver ... ..	...	...
45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum ... ..	...	...
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 non-Malignant ... ..	...	1
51. Acute Rheumatism ... ..	...	...
52. Chronic Rheumatism	231	186
53. Scurvy (including Barlow's Disease) ... ..	...	...
54. Pellagra ... ..	...	...
55. Beri-Beri ... ..	...	...
56. Rickets ... ..	...	...
57. Diabetes (not including Insipidus) ... ..	...	...
58. Anæmia—		
(a) Pernicious ... ..	...	...
(b) Other Anæmias and Chlorosis	1	3
59. Diseases of the Pituitary Body ... ..	...	...
60. Diseases of the Thyroid Gland—		
(a) Exophthalmic Goitre ... ..	...	...
(b) Other diseases of the Thyroid Gland, Myxœdema	71	143
Total carried forward	1,058	669

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward	1,058	669
II.—GENERAL DISEASES NOT MENTIONED ABOVE— <i>contd.</i>		
61. Diseases of the Para-Thyroid Glands ... ..	...	...
62. Diseases of the Thymus ... ..	...	...
63. Diseases of the Supra-Renal Glands ... ..	...	...
64. Diseases of the Spleen	4	1
65. Leukæmia—		
(a) Leukæmia ... ..	...	...
(b) Hodgkin's Disease ... ..	...	...
66. Alcoholism ... ..	...	...
67. Chronic poisoning by mineral substances (lead, mercury, &c.)	...	...
68. Chronic poisoning by organic substances (Morphia, Cocaine, &c.)	...	...
69. Other General Diseases—		
Auto-intoxication ... ..	...	...
Purpura Hæmorrhagica ... ..	...	...
Hæmophilia ... ..	...	...
Diabetes Insipidus ... ..	...	...
III.—AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
70. Encephalitis (not including Encephalitis Lethargica) ... ..	...	...
71. Meningitis (not including Tuberculous Meningitis or Cerebro-spinal Meningitis) ... ..	...	...
72. Locomotor Ataxia ... ..	...	...
73. Other affections of the Spinal Cord	1	...
74. Apoplexy—		
(a) Hæmorrhage ... ..	...	...
(b) Embolism ... ..	...	...
(c) Thrombosis ... ..	...	...
75. Paralysis—		
(a) Hemiplegia ... ..	...	1
(b) Other Paralyzes ... ..	...	...
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 ... ..	...	...
C.—Neurasthenia ... ..	...	...
83. Cerebral Softening ... ..	...	...
84. Other affections of the Nervous System, such as Paralysis Agitans	34	8
85. Affections of the Organs of Vision—		
(a) Diseases of the Eye ... ..	...	...
(b) Conjunctivitis	65	26
(c) Trachoma ... ..	...	...
(d) Tumours of the Eye ... ..	...	...
(e) Other affections of the Eye	8	3
86. Affections of the Ear or Mastoid Sinus	36	9
Total carried forward	1,206	717

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward... ..	1,206	717
IV.—AFFECTIONS OF THE CIRCULATORY SYSTEM.		
87. Pericarditis ... ..	...	...
88. Acute Endocarditis or Myocarditis ... ..	...	...
89. Angina Pectoris ... ..	...	...
90. Other Diseases of the Heart—		
(a) Valvular—		
Mitral ... ..	...	1
Aortic ... ..	...	...
Tricuspid ... ..	...	...
Pulmonary ... ..	...	...
(b) Myocarditis ... ..	...	...
91. Diseases of the Arteries—		
(a) Aneurism ... ..	...	...
(b) Arterio-Sclerosis ... ..	...	...
(c) Other diseases ... ..	...	...
92. Embolism or Thrombosis (non-cerebral) ... ..	...	...
93. Diseases of the Veins—		
Hæmorrhoids ... ..	...	...
Varicose Veins ... ..	...	...
Phlebitis... ..	...	...
94. Diseases of the Lymphatic System—		
Lymphangitis ... ..	...	...
Lymphadenitis, Bubo (non-specific)	8	2
95. Hæmorrhage of undetermined cause ... ..	...	...
96. Other affections of the Circulatory System ... ..	...	...
V.—AFFECTIONS OF THE RESPIRATORY SYSTEM.		
97. Diseases of the Nasal Passages—		
Adenoids ... ..	...	...
Polypus... ..	...	...
Rhinitis... ..	2	2
Coryza	13	3
98. Affections of the Larynx—		
Laryngitis ... ..	...	...
99. Bronchitis—		
(a) Acute ... ..	...	...
(b) Chronic	248	130
100. Broncho-Pneumonia ... ..	...	...
101. Pneumonia—		
(a) Lobar ... ..	...	...
(b) Unclassified	5	1
102. Pleurisy, Empyema	23	12
103. Congestion of the Lungs ... ..	...	...
104. Gangrene of the Lungs ... ..	...	...
105. Asthma ... ..	...	...
106. Pulmonary Emphysema ... ..	...	...
107. Other affections of the Lungs—		
Pulmonary Spirochætoxis ... ..	...	...
VI.—DISEASES OF THE DIGESTIVE SYSTEM.		
108. A.—Diseases of Teeth or Gums—		
Caries, Pyorrhœa, &c.	17	13
B.—Other affections of the Mouth—		
Stomatitis	11	1
Glossitis, &c.	7	1
Total carried forward	1,540	883

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males	Females.
Brought forward	1,540	883
VI.—DISEASES OF THE DIGESTIVE SYSTEM— <i>contd.</i>		
109. Affections of the Pharynx or Tonsils—		
Tonsillitis	6	5
Pharyngitis	6	2
110. Affections of the Oesophagus		
111. A.—Ulcer of the Stomach		
B.—Ulcer of the Duodenum		
112. Other affections of the Stomach—		
Gastritis	7	2
Dyspepsia, &c.	29	35
113. Diarrhœa and Enteritis—		
Under two years	19	14
114. Diarrhœa and Enteritis—		
Two years and over	54	17
Colitis ... ..	...	...
Ulceration ... ..	...	...
114a Sprue		
115. Ankylostomiasis		
116. Diseases due to Intestinal Parasites—		
(a) Cestoda (Tænia)	31	8
(b) Trematoda (Flukes) ... ..	...	...
(c) Nematoda (other than Ankylostoma)—		
Ascaris	14	12
Trichocephalus dispar ... ..	...	...
Trichina ... ..	...	...
Dracunculus ... ..	...	...
Strongylus ... ..	...	...
Oxyuris ... ..	...	...
(d) Coccidia ... ..	...	...
(e) Other parasites ... ..	...	...
(f) Unclassified... ..	13	2
117. Appendicitis		
118. Hernia		
119. A.—Affections of the Anus, Fistula, &c.		
B.—Other affections of the Intestines—		
Enteroptosis ... ..	...	...
Constipation	464	277
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 ... ..	...	...
Cholecystitis ... ..	...	...
Jaundice	1	...
125. Diseases of the Pancreas		
126. Peritonitis (of unknown cause)		
127. Other affections of the Digestive System		
Total carried forward	2,229	1,269

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward	2,229	1,269
VII.—DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).		
128. Acute Nephritis ... ..	...	...
129. Chronic	4	...
130. A.—Chyluria ... ..	...	...
B.—Schistosomiasis ... ..	...	...
131. Other affections of the Kidneys— Pyelitis, etc. ... ..	...	...
132. Urinary Calculus ... ..	...	...
133. Diseases of the Bladder— Cystitis	18	11
134. Diseases of the Urethra— (a) Stricture	1	...
(b) Other... ..	...	...
135. Diseases of the Prostate— Hypertrophy ... ..	...	...
Prostatitis... ..	...	...
136. Diseases (non-Veneral of the Genital Organs of Man)— Epididymitis	1	...
Orchitis	6	...
Hydrocele	3	...
Ulcer of Penis ... ..	...	...
137. Cysts or other (non-malignant) Tumours of the Ovaries ... ..	...	...
138. Salpingitis— Abscess of the Pelvis ... ..	...	...
139. Uterine Tumours (non-malignant) ... ..	...	...
140. Uterine Hæmorrhage (non puerperal) ... ..	...	...
141. A.—Metritis ... ..	...	...
B.—Other affections of the Female Genital Organs— Displacements of Uterus ... ..	...	...
Amenorrhœa ... ..	...	2
Dysmenorrhœa ... ..	...	9
Leucorrhœa ... ..	...	1
142. Diseases of the Breast (non-puerperal)— Mastitis ... ..	...	1
Abscess of Breast ... ..	...	...
VIII.—PUERPERAL STATE.		
143. A.—Normal Labour ... ..	...	...
B.—Accidents of Pregnancy— (a) Abortion ... ..	...	2
(b) Ectopic Gestation ... ..	...	...
(c) Other accidents of Pregnancy ... ..	...	2
144. Puerperal Hæmorrhage ... ..	...	...
145. Other accidents of Parturition ... ..	...	...
146. Puerperal Septicæmia ... ..	...	...
147. Phlegmasia Dolens ... ..	...	...
148. Puerperal Eclampsia ... ..	...	...
149. Sequelæ of Labour ... ..	...	...
150. Puerperal affections of the Breast ... ..	...	...
Total carried forward	2,262	1,297

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases.	Males.	Females.
Brought forward... ..	2,262	1,297
IX.—AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.		
151. Gangrene ... ..	...	...
152. Boil—	...	...
Carbuncle	12	1
153. Abscess—	...	...
Whitlow	23	4
Cellulitis	18	7
154. A.—Tinea	2	2
B.—Scabies	42	12
155. Other Diseases of the Skin—	253	78
Erythema ... ..	...	...
Urticaria... ..	...	...
Eczema	50	13
Herpes ... ..	...	...
Psoriasis ... ..	...	...
Elephantiasis	2	1
Myiasis ... ..	...	...
Chigoes ... ..	...	...
Cutaneous Leishmaniasis ... ..	...	...
X.—DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).		
156. Diseases of Bones—	...	...
Osteitis ... ..	...	1
157. Diseases of Joints—	...	...
Arthritis	4	1
Synovitis... ..	1	2
158. Other Diseases of Bones or Organs of Locomotion	41	15
XI.—MALFORMATIONS.		
159. Malformations—	...	...
Hydrocephalus ... ..	...	...
Hypospadias ... ..	...	...
Spina Bifida, &c. ... ..	...	...
XII.—DISEASES OF INFANCY.		
160. Congenital Debility ... ..	...	...
161. Premature Birth ... ..	...	...
162. Other affections of Infancy	2	...
163. Infant neglect (infants of three months or over) ... ..	...	...
XIII.—AFFECTIONS OF OLD AGE.		
164. Senility—	...	...
Senile Dementia ... ..	...	...
Total carried forward	2,712	1,434

TABLE VI.—*continued.*GEORGETOWN HOSPITAL—*continued.*RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1930—*continued.*

Diseases	Males.	Females.
Brought forward	2,712	1,434
XIV.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
165. Suicide by Poisoning ... ..	...	...
166. Corrosive Poisoning (intentional) ... ..	...	...
167. Suicide by Gas Poisoning ... ..	...	...
168. Suicide by Hanging or Strangulation ... ..	...	...
169. Suicide by Drowning ... ..	...	...
170. Suicide by Firearms ... ..	...	...
171. Suicide by cutting or stabbing Instruments ... ..	...	...
172. Suicide by jumping from a height ... ..	...	...
173. Suicide by crushing ... ..	...	...
174. Other Suicides ... ..	...	...
175. Food Poisoning—		
Botulism ... ..	...	...
176. Attacks of poisonous animals—		
Snake Bite	1	...
Insect Bite	6	...
177. Other accidental Poisonings ... ..	...	...
178. Burns (by Fire)	11	2
179. Burns (other than by Fire) ... ..	...	...
180. Suffocation (accidental) ... ..	...	...
181. Poisoning by Gas (accidental) ... ..	...	...
182. Drowning (accidental) ... ..	...	...
183. Wounds by Firearms (war excepted) ... ..	...	...
184. Wounds (by cutting or stabbing Instruments)	212	16
185. Wounds (by Fall)	17	...
186. Wounds (in Mines or Quarries) ... ..	...	...
187. Wounds (by Machinery) ... ..	...	...
188. Wounds (crushing, <i>e.g.</i> , railway accidents, &c.) ... ..	...	...
189. Injuries inflicted by animals, Bites, Kicks, &c. ... ..	...	...
190. Wounds inflicted on Active Service ... ..	...	...
191. Executions of civilians by belligerents ... ..	...	...
192. A.—Over fatigue ... ..	...	...
B.—Hunger or Thirst ... ..	...	...
193. Exposure to Cold, Frost Bites, &c. ... ..	...	...
194. Exposure to Heat—		
Heatstroke ... ..	...	...
Sunstroke ... ..	...	...
195. Lightning Stroke ... ..	...	...
196. Electric Shock ... ..	...	...
197. Murder by Firearms ... ..	...	...
198. Murder by cutting or stabbing Instruments ... ..	...	...
199. Murder by other means ... ..	...	...
200. Infanticide (Murder of an infant under one year) ... ..	...	...
201. A.—Dislocation ... ..	...	...
B.—Sprain	9	...
C.—Fracture	1	...
202. Other external Injuries ... ..	...	...
203. Deaths by Violence of unknown cause ... ..	...	...
Total carried forward	2,969	1,452

APPENDIX V.

RETURN OF PATIENTS TREATED AT KAU-UR DISPENSARY, 1930.

Total for the year	...	...	...	...	...	...	...	2,375
January	...	...	...	...	...	...	...	303
February	...	...	...	...	...	...	...	286
March	...	...	...	...	...	...	...	220
April	...	...	...	...	...	...	...	164
May	...	...	...	...	...	...	...	204
June	...	...	...	...	...	...	...	200
July	...	...	...	...	...	...	...	154
August	...	...	...	...	...	...	...	176
September	...	...	...	...	...	...	...	198
October	...	...	...	...	...	...	...	205
November	...	...	...	...	...	...	...	110
December	...	...	...	...	...	...	...	155

These figures are for first attendances only.

Prevalent Diseases :—Constipation, injuries, ulcers, bronchitis and helminthic diseases.

(Signed) D. SCOTT JOHNSTON,

M.O. Protectorate.

APPENDIX VI.

RETURN OF PATIENTS TREATED AT BASSE DISPENSARY, 1930.

Total for the year	...	...	...	...	...	...	...	4,419
January	...	...	...	...	...	...	...	403
February	...	...	...	...	...	...	...	294
March	...	...	...	...	...	...	...	424
April	...	...	...	...	...	...	...	399
May	...	...	...	...	...	...	...	308
June	...	...	...	...	...	...	...	310
July	...	...	...	...	...	...	...	286
August	...	...	...	...	...	...	...	259
September	...	...	...	...	...	...	...	397
October	...	...	...	...	...	...	...	395
November	...	...	...	...	...	...	...	04
December	...	...	...	...	...	...	...	440

Prevalent Diseases :—Constipation, yaws, bronchitis and rheumatism.

Figures are first attendances only.

(Signed) D. SCOTT JOHNSTON,

M.O. Protectorate.

APPENDIX VII.

RETURN OF PATIENTS TREATED AT BUSH SURGERIES, 1930.

Total for the year	...	...	...	...	...	...	...	1,830
January	...	...	...	...	...	...	...	466
February	...	...	...	...	...	...	...	274
March	...	...	...	...	...	...	...	670
April	...	...	...	...	...	...	...	115
May	...	...	...	...	...	...	...	76
June	...	...	...	...	...	...	...	119
December	...	...	...	...	...	...	...	110

(Signed) D. SCOTT JOHNSTON,

M.O. Protectorate.

APPENDIX VIII.

TABLE VII.

METEOROLOGICAL RETURN FOR THE YEAR 1930—(GEORGETOWN).

	TEMPERATURE.						RAINFALL.		WINDS.		Remarks
	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.	
January ...	—	—	97	59	38	79.0	—	—	N.	2	
February	—	—	103	70	27	89.6	—	—	Var.	2	
March ...	—	—	108	76	30	92.0	—	—	"	3	
April ...	—	—	110	68	41	89.8	—	—	"	4	
May ...	—	—	106	68	32	90.2	0.5	—	"	3	
June ...	—	—	101	68	27	63.3	10.39	—	"	5	
July ...	—	—	98	71	26	82.7	5.21	—	"	4	
August ...	—	—	95	69	23	78.8	8.45	—	"	5	
September	—	—	99	71	28	81.8	7.52	—	"	6	
October ...	—	—	99	71	28	83.1	1.34	—	N.E.	5	
November	—	—	98	58	30	81.9	—	—	N.E.	4	
December	—	—	95	56	30	75.6	—	—	N.W.	2	
	—	—	—	—	—	—	32.96	—	—	—	

APPENDIX IX.

12, CLARKSON STREET,
BATHURST, GAMBIA.
28th April, 1930.

SIR,

I have the honour most respectfully to submit my report for the year.

The amount of work done exceeds by 30 per cent. that of previous years.

I visited Dental Hospitals and School Clinics in England and the Continent last Summer.

I am attaching a detailed report of the work done as shewn in the Book and Charts forwarded.

I have the honour to be, Sir,

Your obedient Servant,

(Signed) UEL. M. JOHN,

Dental Surgeon.

THE SENIOR MEDICAL OFFICER,
BATHURST.

APPENDIX IX—*continued.*

DETAILED REPORT OF WORK DONE.

Inspected and treated : Government Officials and Clerks	...	...	86
School Children	...	...	223
		Total	309

	Govt. Officials.	School Children.	Total.
Fillings	100	177	277
Root Fillings	4	4	8
Dressings	10	12	22
Extractions	56	99	155
Scalings	24	38	62
Repairs to Dentures	1	—	1
Pyorrhœa Treatment	4	—	4

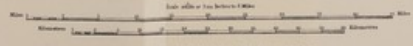
(Signed) UEL. M. JOHN,
Dental Surgeon.

12, CLARKSON STREET,
BATHURST, GAMBIA.
28th April, 1930.

GAMBIA

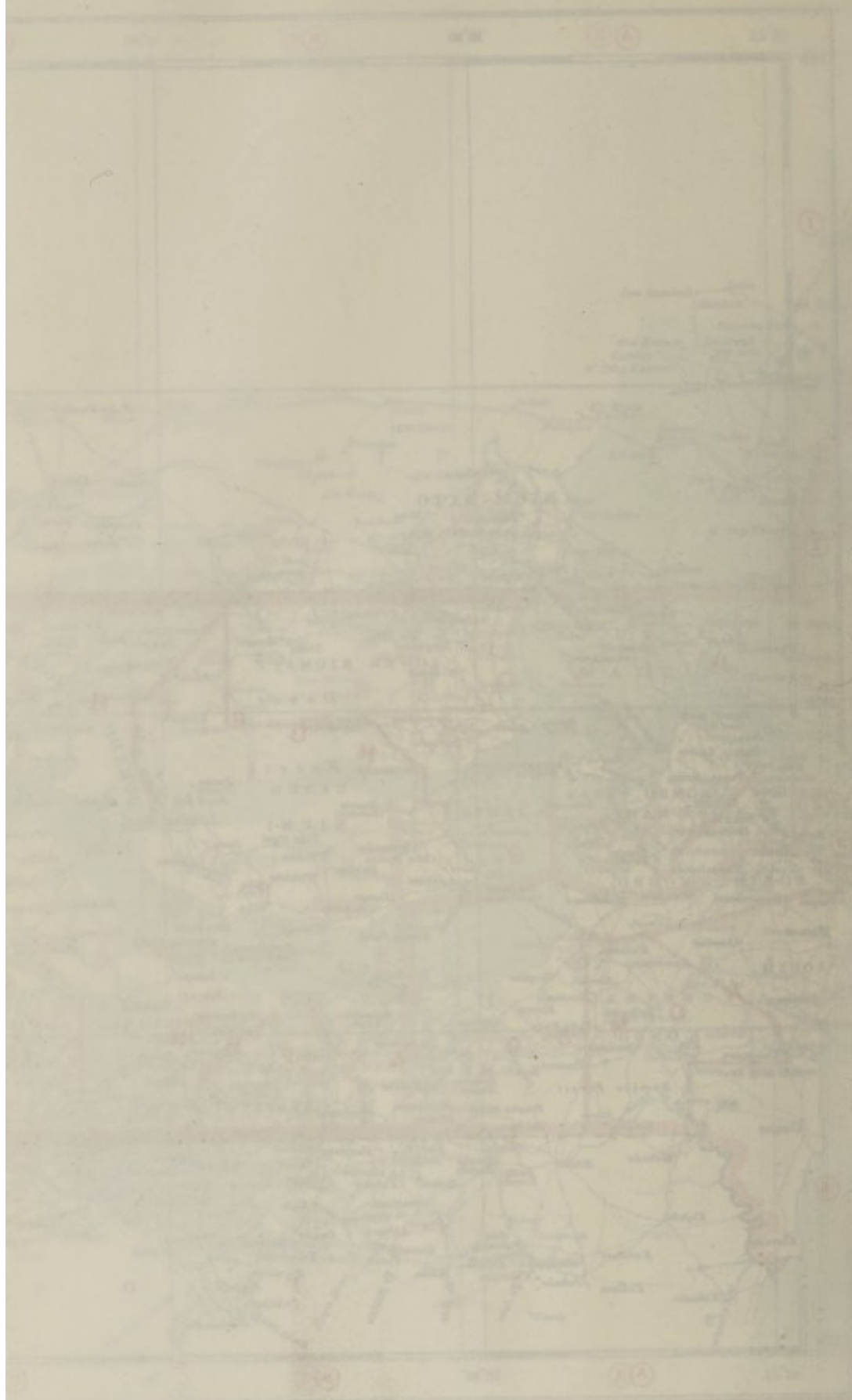


References	
Administrative Boundaries	Red
Province	Blue
Division	Black
Town	Black
Village	Black
Small Village	Black
Island	Black
Water	Blue
Forest	Green
Plains	Yellow



Advised for the sake of users published by the Geographical Institute of the Staff.
 London: G. P. Putnam's Sons, 1921. *Geographical Institute of the Staff.*
 Paris: Librairie Hachette, 1921. *Geographical Institute of the Staff.*
 London: G. P. Putnam's Sons, 1921. *Geographical Institute of the Staff.*

Printed at the Ordnance Survey Office, Southampton, 1921.
 General Staff, 1921.



Scale
 1:100,000
 1 cm = 1 km

Map of the Balkan Peninsula
 showing the Danube River and the Balkan Mountains

