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Gambia. Medical Department.

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# COLONY OF THE GAMBIA.

Summarised by P. Mallom



# THE ANNUAL MEDICAL AND SANITARY REPORT

FOR THE YEAR 1924.

[allan (KB) = (Senior h. 6)]

PRICE 5/-

PUBLISHED BY THE CROWN AGENTS FOR THE COLONIES, 4 MILLBANK, LONDON, S.W.1. All Communications to be addressed to the Crown Agents for the Colonies, the following reference and the date of this document being quoted:--

Gambia 4610/1

The TropicalDiseases Bureau, 23, Endsleigh Gardens. N.W.1

> With the Compliments of the Crown Agents for the Colonies.

The Medical & Sanitary Report of the

Gambia 1924

4, MILLBANK, WESTMINSTER, LONDON, S.W. 1. July 192 5

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# COLONY OF THE GAMBIA.

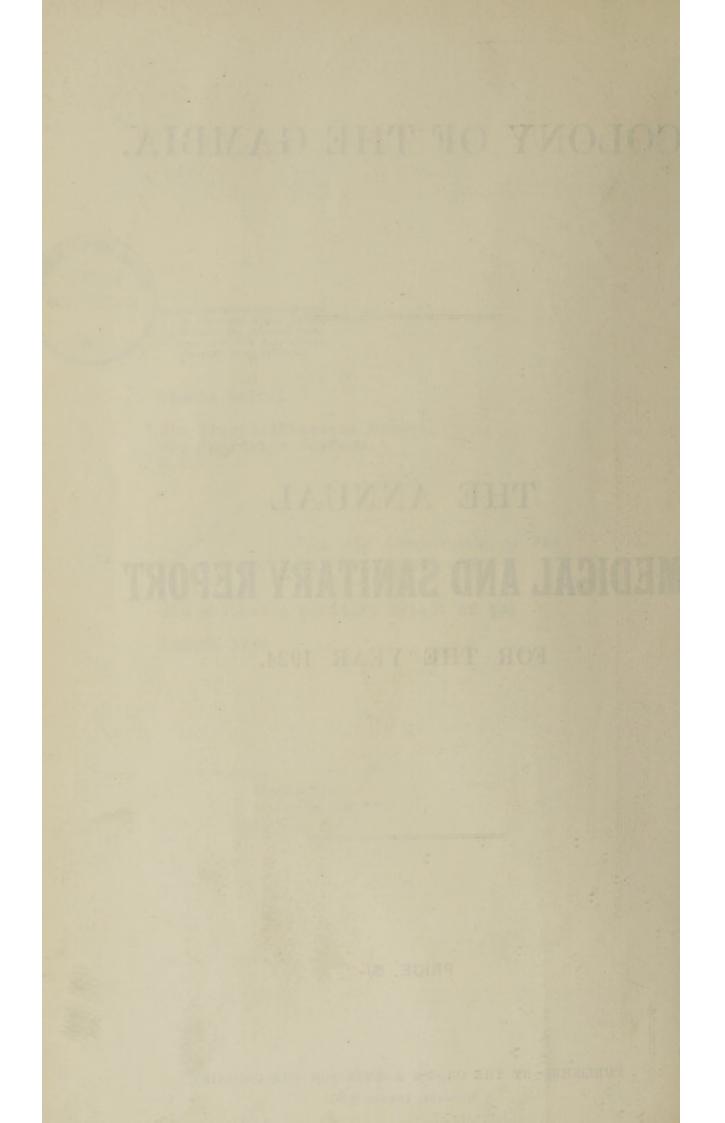


# THE ANNUAL MEDICAL AND SANITARY REPORT

# FOR THE YEAR 1924.

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



# MEDICAL REPORT.

April 24th, 1925.

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 condition of Bathurst, Gambia, for the year 1924, together with the Returns, &c., appended thereto.

I have the honour to be,

Sir,

Your obedient servant,

K. B. ALLAN,

Senior Medical Officer.

THE HONOURABLE,

THE COLONIAL SECRETARY.

# MEDICAL REPORT.

Spell 24th, 1925.

I have the bounder to submit for the information of His Receivery the Governor, and he recommission to the Holt Heather the Secretary of State, the Melled Hoper on the Heathe and Sanitary condition of Bathman Gambit, for an year 1924, reputier with the Returns, Sec. appended states.

I have the remound to be,

# ANNUAL MEDICAL AND SANITARY REPORT

FOR

# 1924.

### I. ADMINISTRATIVE.

### (a) STAFF.

#### I. MEDICAL,

Dr. J. M. W. Pollard, Senior Medical Officer, transferred from Nigeria 11th April, arrived in Colony and took charge of Medical Department from 22nd April. Proceeded on leave 22nd September.

Dr. K. B. Allan, Medical Officer, acted Senior Medical Officer from 1st January until 14th April. Proceeded on leave 14th April. Returned to the Colony and resumed duty 31st October. Acted Senior Medical Officer from 1st November until 31st December.

Dr. R. H. Miller, Medical Officer. Stationed at Georgetown from 15th May until 29th July. Acted Senior Medical Officer from 14th April to 22nd April. Proceeded on leave 23rd May. Transferred to Nigeria 8th October.

Dr. G. E. Craig, Medical Officer, resumed duty from leave on 4th April. Acted Senior Medical Officer from 20th September until 31st October.

Dr. J. C. Cruickshank, Medical Officer. Stationed at Georgetown from 1st January until 23rd June. Proceeded on leave 20th October.

Dr. A. M. W. Rae, Medical Officer. Appointed 26th July, arrived in the Colony and assumed duty 8th August. Transferred to Georgetown 24th September.

### II. NURSING.

Miss M. Thompson, Senior Nursing Sister. Returned to the Colony from leave and resumed duty 4th April.

Miss C. G. Leggat, Nursing Sister. Acted Senior Nursing Sister from 1st January until 3rd April. Proceeded on leave 31st March. Transferred to the Gold Coast Colony 17th September.

Miss P. Stagg, Nursing Sister. Proceeded on leave 5th December.

Miss J. Roberts, Nursing Sister. Transferred from the Gold Coast Colony and appointed on 25th October. Arrived in the Colony and assumed duty 6th November.

#### III. SANITARY.

Dr. F. A. Innes, Medical Officer of Health. Proceeded on leave 14th April. Returned to the Colony and resumed duty 23rd October.

Mr. C. Wolfendale, Sanitary Inspector.

Mr. A. F. V. Vaughan, Assistant Sanitary Inspector. Returned from leave and resumed duty 23rd May.

## (b) FINANCIAL.

MEDICAL DEPARTMENT.

|                   |      |      | Estimated. | Actual.            |
|-------------------|------|------|------------|--------------------|
| Cotal Revenue     | <br> | <br> | £<br>350   | £ s. d.<br>348 6 2 |
| Total Expenditure | <br> | <br> | 14,866     | 12,323 5 11        |

#### PUBLIC HEALTH DEPARTMENT.

|                                    |      | Serie I | Estimated.          | Actual.                                     |
|------------------------------------|------|---------|---------------------|---|
| Total Revenue<br>Total Expenditure | <br> | <br>    | £<br>1,180<br>9,668 | $\pounds$ s. d.<br>1,251 12 0<br>8,847 14 7 |

### II. PUBLIC HEALTH.

#### (a) GENERAL REMARKS.

### (1) General Diseases.

Prevalent Surgical Diseases are Conjunctivitis, Ulcers, Abscesses and Injuries, while amongst Medical Diseases Bronchitis, Diarrhœa and Constipation are the most common.

During the cold weather in the Harmattan season, diseases of the chest are more prone to occur.

### (2) Communicable Diseases.

1. Mosquito or Insect borne.—(1) Malaria, 2,073 out-patients, 69 in-patients treated; (2) Blackwater Fever, 5 cases, 2 deaths; (3) Yellow Fever, no cases reported; (4) Relapsing Fever, an outbreak occurred in the Protectorate.

2. Infectious or Epidemic.—(1) Influenza : An epidemic occurred October and November similar to the one in 1923; 32 in-patients and 343 out-patients were treated; (2) Measles, which chiefly affected children, occurred between July and December, 175 cases treated at the Hospital; (3) Pneumonia, 53 cases treated at the Hospital, most prevalent during the cold season, January to March and December; (4) Plague, no cases occurred; (5) Small-pox, 3 cases; (6) Venereal Diseases are well known to be extremely common in Bathurst but few of the natives avail themselves of Hospital treatment.

3. *Helminthic.*—Ascariasis is still the most commonly occurring helminthic disease; 1,709 cases were treated in the out-patients, this shows a great increase on last year and it is encouraging that more people are coming for treatment.

Tetanus showed an increase of 5 cases compared with last year. A European Nursing Sister in connection with the Child Welfare Scheme has been approved and arrives early in 1925.

### (b) EUROPEAN OFFICIAL.

### General Remarks.

The general health was not quite so good as last year; there was an increase of 17 on sick list, due to the outbreak of Influenza.

There was one death due to Blackwater.

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

|   | 1922.  | 1923.   | 1924.         |
|---|--|---|---------------|
| Total number of officials resident                  | 63   | 65  | 66            |
| Average number resident                             | 48   | 45  | 42            |
| Fotal number on sick list                           | 68   | 51  | 68            |
| Total number of days on sick list                   | 387  | 319   | 422           |
| Average daily number on sick list                   | 1.22   | 0.87  | 1.15          |
| Percentage of sick to average number resident       | 141.66   | 113.33  | 161.90        |
| Average number of days on sick list for e           |  | 110'00  | 101.90        |
| patient   | 5.47   | 6.25  | 6.90          |
| Average sick time to each resident                  | 0.00   | 7.08  | 6·20<br>10·04 |
| P 4 1 1 1 1 1 1 1 1                                 | 0  | 2   |               |
| Demonstration of investiding to total particularity | 0.17   | The second se | 2             |
| Pote I double                                       | 1000 - Colorador - | 3.07  | 3.06          |
| Person terms of deaths to total meldants            |  | 1   | 1             |
| Percentage of deaths to total residents             |  | 1.53  | 1.51          |
| Percentage of deaths to average number resident     |  | 2.22  | 2.31          |
| Number of cases of sickness contracted away fr      | om   |   |               |
| residence   |  | -   | _             |

The cause of the death was Blackwater Fever.

The cause of the two invalidings were-1 Appendicitis, 1 Influenza.

### (c) AFRICAN OFFICIALS.

The health of the African Officials remains much about the same as last year.

There were two deaths-one due to Malaria and one to Dysentery.

| TABLE | SHOWING | THE | SICK, | INV | ALIDING, | AND | DEATH | RATES | OF |
|-------|---------|-----|-------|-----|----------|-----|-------|-------|----|
|       |         |     | AFRIC | AN  | OFFICIAL | s.  |       |       |    |

|                                       |        |      |      | 1922.  | 1923.   | 1924.   |
|---------------------------------------|--------|------|------|--------|---|---|
| Total number of officials resident    |        |      |      | 192    | 203   | 228   |
| Average number resident               |        |      |      | 177    | 181   | 203   |
| Total number on sick list             |        |      |      | 270    | 533   | 531   |
| Total number of days on sick list     |        |      |      | 1,096  | 2,070   | 2,144   |
| Average daily number on sick list     |        |      |      | 3.1    | 5.67  | 5.85  |
| Percentage of sick to average numb    |        |      |      | 152.54 | 294.47  | 261.08  |
| Average number of days on si          |        |      |      |        |   | 1. 2. 12.   |
| patient                               |        |      |      | 4.16   | 3.88  | 4.03  |
| Average sick time to each resident    |        |      |      | 6.19   | 11.43   | 10.56   |
| Total number invalided                |        |      |      | 2      | 2   | _   |
| Percentage of invalidings to total re |        |      |      | 1.04   | -98   |   |
| Total deaths                          |        |      |      | 5      | 1   | 2   |
| Percentage of deaths to total reside  |        |      |      | 2.60   | .49   | .87   |
| Percentage of deaths to average nu    |        |      |      | 2.82   | .53   | 1.47  |
| Number of cases of sickness cont      | racted | away | from | 202    |   | The second second   |
| residence                             |        | anay |      | _      | _   |   |
|                                       |        |      |      |        | a second s | and the second se |

The causes of the two deaths were -1 Malaria, 1 Dysentery.

### (d) GENERAL EUROPEAN POPULATION.

This is as follows :--

|                      |       | 11-1 |       |      |      | Males. | Females. |
|----------------------|-------|------|-------|------|------|--------|----------|
| Government Officials |       |      |       | <br> | <br> | 54     | 14       |
| Residents            |       |      |       | <br> | <br> | 2      | 21       |
| Employees of Trading | Firms |      |       | <br> | <br> | 118    | -        |
| Missionaries         |       |      |       | <br> | <br> | 4      | 5        |
|                      |       |      | Total | <br> | <br> | 178    | 40       |

Grand total, 218.

### (e) GENERAL AFRICAN POPULATION.

In a population of 9,741 there were 291 births, a birth rate of 30.90 per 1,000, and 513 deaths, a death rate of 52.66 per 1,000.

There being an increase in both birth and death rates compared with 1923.

There were 51 still births and 137 deaths of infants up to one year of age. Percentage of infants and children under 5 years in total death-49.1 per cent.

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

| How emplo  |         | ed. |  | Number.         | Deaths. | Invalided. | Death rate<br>per cent. | Invaliding<br>rate per cent. |
|--|---------|-----|--|-----------------|---------|------------|-------------------------|------------------------------|
| 19<br>Merchants<br>Other occupations<br>Missionaries | 23.<br> |     |  | 115<br>17<br>13 | 3<br>   | 1          | 2·60<br>                | ·87<br>                      |
| Tota   | 1       |     |  | 145             | 3       | 1          | 2.06                    | ·62                          |
| 19<br>Merchants<br>Other occupations                 | 24.     |     |  | - 128           | 1       | 2          | ·78<br>·25              | 1.56                         |
| Missionaries   |         |     |  | . 14            | -       | 1          | A Comment               | 7.14                         |
| Tota   | ı       |     |  | 146             | 2       | 3          | 1.36                    | 2.05                         |

### Cause of Deaths of Europeans, Non-Official.—Cardiac Disease, 2.

Cause of Invaliding of Europeans, Non-Official.—Pyorrhœa, 1; Anæmia and Conjunctivitis, 1; Black Water Fever, 1.

NUMBER OF DEATHS AND DEATH-RATE PER THOUSAND OF THE POPULATION FOR THE PAST TEN YEARS IN THE COLONY.

|      | Years. | Estimated<br>Population. | Total Deaths. | Death-rate per<br>1,000. | Remarks.                |
|------|--------|--------------------------|---------------|--------------------------|-------------------------|
| 1915 |        | <br>13,157               | 296           | 22.49                    | Level a altern well     |
| 1916 |        | <br>7,700                | 306           | 39.74                    | Bathurst only.          |
| 1917 |        | <br>8,474                | 262           | 30.09                    | Do.                     |
| 1918 |        | <br>8,474                | 662           | 77-08                    | Do. (Influenza Epi-     |
| 1919 |        | <br>8,474                | 299           | 35.28                    | Bathurst only. [demic.] |
| 1920 |        | <br>8,474                | 419           | 45.43                    | Do.                     |
| 1921 |        | <br>*9,227 (census)      | 399           | 42.59                    | Do.                     |
| 1922 |        | <br>9,395                | 437           | 46.62                    | Do.                     |
| 1923 |        | <br>9,567                | 412           | 43.06                    | Do.                     |
| 1924 |        | <br>9,741                | 513           | 52.66                    | Do.                     |

\* Europeans, 265. Africans, etc., 8,962 = 9,227.

|  | 1NFANTILE | MORTALITY | FOR TH | IE PAST | TEN | YEARS | IN | THE | COLONY. |
|--|-----------|-----------|--------|---------|-----|-------|----|-----|---------|
|--|-----------|-----------|--------|---------|-----|-------|----|-----|---------|

|      | Years. | Total<br>Births. |     | Deaths<br>over 1 week<br>and under<br>1 year. |    | Deaths<br>under 24<br>hours. | Still<br>Births, | Remarks.       |
|------|--------|------------------|-----|---|----|------------------------------|------------------|----------------|
| 1915 |        | <br>279          | 40  | 58  | 18 | 1                            | 30               |                |
| 916  |        | <br>314          | 46  | 61  | 10 | 9                            | 22               | Bathurst only. |
| 1917 |        | <br>337          | 22  | 59  | 9  | _                            | 30               | Do.            |
| 1918 |        | <br>263          | 89  | 121   | 17 |                              | 30               | Do.            |
| 919  |        | <br>234          | 30  | 63  | 18 | 4                            | 39               | Do.            |
| 920  |        | <br>249          | 59  | 82  | 13 | 5                            | 41               | Do,            |
| 921  |        | <br>284          | 60  | 60  | 25 | 6                            | 52               | Do.            |
| 1922 |        | <br>295          | 56  | 102   | 12 | 9                            | 50               | Do.            |
| 1923 |        | <br>255          | 35  | 92  | 21 | 4                            | 52               | Do.            |
| 1924 |        | <br>291          | 115 | 137   | 28 | 1                            | 57               | Do.            |

The birth rate 1924, 30.90 per 1,000.

| 3    | Years. |  | Births. | Deaths. | Births in<br>Excess. | Deaths in<br>Excess, | Remarks.                 |  |
|------|--------|--|---------|---------|----------------------|----------------------|--------------------------|--|
| 1915 |        |  | 279     | 296     | _                    | 17                   |                          |  |
| 1916 |        |  | 314     | 306     | 8                    | _                    | Bathurst only.           |  |
| 1917 |        |  | 337     | 362     | _                    | 25                   | Do.                      |  |
| 1918 |        |  | 263     | 662     | -                    | 399                  | Do. (Influenza Epidemic) |  |
| 1919 |        |  | 234     | 299     |                      | 65                   | Bathurst only.           |  |
| 1920 |        |  | 249     | 413     |                      | 164                  | Do.                      |  |
| 1921 |        |  | 284     | 399     | -                    | 115                  | Do.                      |  |
| 1922 |        |  | 295     | 437     | _                    | 142                  | Do.                      |  |
| 1923 |        |  | 255     | 412     | -                    | 157                  | Do,                      |  |
| 1924 |        |  | 291     | 513     | _                    | 222                  | Do.                      |  |

COMPARATIVE STATEMENT OF BIRTHS AND DEATHS FOR THE PAST TEN YEARS IN THE COLONY.

Death rate 1924, 52.66 per 1,000.

Registration compulsory and reliable.

### III. SANITATION.

Smallpox.—During 1924 one case occurred in Bathurst in February, one in May, and two in June. One proved fatal.

Some improved accommodation has been provided at the Infectious Diseases Hospital.

*Plague.*—No case of Plague has been notified in any part of the Colony, and nothing occurred to necessitate opening the Plague Control Station at Barra.

Throughout the year rat campaigning was carried on in Bathurst. A "rat week" was announced in May, but only 272 rats were then brought to the Public Health Office and paid for at 2d. each. At the rate of 1d. each 14,728 rats were paid for during the year; and 2,284 others were reported by our yard cleansing gangs. For 1923 the total number reported was 1,992, of which 138 were paid for. Rat infestation of all "premises" is now compulsorily notifiable.

Varieties of domestic rodents are numerous: the majority examined have been *Mus rattus*. No suspicion of rat infection by Plague has been encountered so far.

Relapsing Fever.—An outbreak of disease in villages of North Bank Province in July necessitated investigation, and Dr. Cruickshank was able to add spirochætosis to our local nosology by finding S. duttoni in the sick. The diagnosis was confirmed by Professor Blacklock. The cases were confined to Kachang and Nokunda in July and August: 43 deaths took place.

In November 200 deaths at Nokunda were reported to the Travelling Commissioner. House to house enquiry elicited, however, that by the end of December as many as 615 deaths had taken place, including those of a sharp recrudescence of disease in December.

Some 685 deaths therefore have occurred out of 2,790 people living in three villages between June and December.

It is possible that some other disease than relapsing fever may have been at work coincidently in the long series between June and December; if not, the incidence of the epidemic has been most severe, and the case mortality very high—about one-fourth of the affected population having died.

The question of the "carrier" in this epidemic is still open. Its discovery may enable us to direct any available preventive measures intelligently, whether Ixodidæ, Cimicidæ, or Pediculidæ be responsible. It would be interesting to know if any similar epidemics have been experienced in French Senegal, two of our stricken towns being less than three miles from the Anglo-French boundary. Measles.—An epidemic of measles occurred in Bathurst during the period July to December, and 29 deaths of children under 5 years of age occurred.

Diarrhœa.—During the same period 57 children under 5 years of age died of epidemic diarrhœa. This has seriously affected the total death rate. The prevalence of both measles and diarrhœa coincided exactly with the minimum daily range of temperature, and, doubtless, maximum humidity. Flies were noted as being numerous in early August and in September. There was also again considerable rain flooding with damage to property as well as to health. The lowlying parts of the town, which are the poorest, of course, suffer badly.

Beriberi.—In town two fatal cases of beriberi occurred, and no doubt poverty and restriction of diet would account for these.

It is interesting to find that no case of it was recorded in the Prison during 1924. When it is remembered that between 1921 and 1923 beriberi showed an incidence of 17.33 per cent. among the prisoners, with a case mortality of 5.03 per cent., and that since their dietary was corrected in April, 1923, not a single case has occurred, it is justifiable to claim that the "nutritional theory" completely explains our local "prison œdema," and to hope that a continuation of proper diet will enable us to report year by year the continued absence of this disease.

Tuberculosis.—19 adults, 15 male and 4 female, died of phthisis pulmonalis, and 4 of other forms of tuberculosis during 1924. It is reasonable to suspect, however, that tuberculosis is a not infrequent accessory cause of death, though not so specified, amongst 40 fatalities from "pneumonia," 2 from "broncho pneumonia," 3 "ulceration of intestines," 2 "cerebral abscess," 3 "peritonitis," 11 "diarrhœa," and more than nine other "suppurative" conditions.

The actual morbidity rate cannot be determined from our death certificates and records.

In the nine years 1911 to 1919, 80 deaths were returned from tuberculosis; that is an average of 9 per annum, at an average dying age of 33 years. But, in the quinquennium ending 1924, a hundred deaths are recorded; that is an average of 20 per annum, at an average dying age of 31 years—both facts being of ominous import.

The rate of death from tuberculosis in 1924 was 4.5 per cent. of all deaths (quinquennium average 4.6 per cent.); while between 1911 and 1919 the deaths from tubercular disease were only 2.6 per cent. of all deaths.

Anyhow, the simple fact presented in these figures is that/in the last five years our tuberculosis death rate has become double what it was during the nine previous years—a sufficiently disquieting situation./

With reference to occupation, the victims of tubercular disease within the past fourteen years include : labourers 15, clerks 11, traders 10, school children 9, laundresses 9, masons 7, carpenters 7, seamstresses 5, sailors 5, servants (domestic) 5, soldiers 4, blacksmiths 3, shopkeepers (might be included in traders) 3, cooks 3, painters 3, tailors 3, engineers 2, housewives 2, and one each of the following : fisherman, watch repairer, messenger, goldsmith, police constable, butcher, shepherd, fireman, pensioner, and prisoner.

The type is acute, as indicated by the average duration of illness, viz., 3.1 months in 73 patients.

Now the "sow"-man (milkseller) here is as rare as a white crow. We never find tuberculosis at the slaughter house. Poverty (largely due to improvidence), venereal disease and alcoholism certainly are not wanting; but present housing conditions (including sites) also favour an increased morbidity, and no doubt attempted reform in these matters will be opposed by superstition and customs. Investigation of these housing conditions, together with the relation of local occupations to tubercular incidence, may serve to indicate what preventive and repressive action could be hopefully set a-going. This study will be undertaken. Sanitary measures.—It has not been possible to arrive at any decision about disposal of nightsoil. Unless the sand-pumping apparatus in 1925 provides hope of disposal by a proper sewage system, then we seem still faced with a choice between dumping in the river from steam-towed barges and incineration, with the chances perhaps in favour of the former, as fuel would prove very costly.

Bakehouses.—The Bread Ordinance has supplied the basis for some needed improvements in the conditions of bread baking. Many alterations on baking premises have been required, and sanitary interests have been further promoted by regulating sale shops, stalls, etc. Three convictions for breach of the Ordinance were obtained in Court.

- For financial reasons we are still without a sanitary isolation station, market and slaughter-house improvements, and better water supply. These are of crucial importance.

Sand filling operations at the Cemetery just outside the town have provided a large extent of valuable new burying ground, and have obliterated mosquito breeding places which were long our despair. As much work again, however, is needed to conserve and complete our gains in these matters.

Sanitation at Cape St. Mary has been effected by weekly visits of the Assistant Sanitary Inspector, and has included routine inspection of the villages and control of mosquito breeding by stocking open waters with fish. The frequent absence on duty of the Travelling Commissioner, however, has prevented us from prosecuting cases of offence and our distance from Bathurst also proves disadvantageous to our full and efficient control.

Vital Statistics.—The general death rate in the estimated population is 52.66 for 1924. This has been exceeded in the past twenty years only by the rate for 1918, the year of pandemic influenza, which was 77.08.

The birth rate is 30.90. Excess of deaths over births reaches 222.

Still births number 19.55 per hundred registered live births, or to put it another way, every sixth birth is a still birth.

The infant mortality rate is now 471, as against 498 in 1923.

Thirty infants died of tetanus, 28 of them under the age of one month. This disease accounts for 21.9 per cent. of all infant deaths, an entirely preventable loss.

Owing to the epidemic prevalence of measles and diarrhœa, infants and children under five years contributed no less than 49·1 per cent. of the total deaths. Our figures for 1924, therefore, make a rather grim record. True it is that the birth rate has improved from 26·65 to 30·90, the average for the quinquennium being 28·81. True also that the infant mortality rate has dropped from 498 to 471. And to complete this rather delicate triad of hope-inspiring facts we have a still birth rate of 195 instead of 204 !

Study of infant mortality has unearthed one remarkable and unexpected fact, which is that the well known ill effect of illegitimacy on infant welfare seems in Bathurst to be entirely reversed. The illegitimate infant mortality rate for 1923 was 325 as contrasted with a legitimate infant mortality rate of 590 !

The explanation is manifold, but lies wholly in the peculiarities of the life and customs of the people, which, though capable of effecting an *apparent* mitigation of calamity, are yet in reality sordid to a degree socially unjustifiable, and immoral to boot.

Lectures and School Instruction.—The annual course of public lectures on Hygiene was given in 1924 by the Senior Medical Officer himself. The results of the examination at its close show that of 29 candidates 7 passed and 2 papers were cancelled. The December School Examination gave a pass list in Hygiene of 9 Juniors out of 24, but not one of 4 Seniors passed. It is clear from the work of the classes as exhibited in the examinations that teachers are guilty of incorrect and careless teaching of this important and interesting subject. Measures have been adopted which should remedy this, and future lecture courses may probably be framed with special reference to the needs of teachers.

> FRANK A. INNES, M.O.H.

### ANNUAL SANITARY REPORT FOR THE PROTECTORATE AND GEORGETOWN, 1924.

1. Staff.—Two sanitary gangs exist at present, one at Georgetown, consisting of six labourers who perform the scavenging and trenching work under the supervision of the Dispenser, who acts as Sanitary Inspector, and one at Kuntaur, consisting of seven men, one of whom acts as Supervisor.

In Georgetown in addition there are-

(a) Market Caretaker; and

(b) The Lamplighter.

2. General.—Georgetown is clean, and this is largely due to intelligent co-operation between the trading firms, the native householders and the sanitary staff.

Kunta-ur and to a lesser extent Kau-ur are by no means in so satisfactory a state. Two things are in great measure responsible for this—

(1) The impossibility of adequate supervision as exists in Georgetown.

(2) The enormous variation in the population, especially in Kunta-ur. The presence of three or four groundnut steamers means a great increase in total population and the question of adequate sewage disposal is thus a very difficult one.

The proposal that the general cleanliness of Kunta-ur be put into the hands of the Chief should be a material help.

The routine Public Health work consists of-

(i.) Anti-Mosquito Measures.—In Georgetown regular inspection and investigation is carried out. The filling in of breeding places is constantly being done, but the presence of so much swamp land at the back of the town is a bigger problem. Much more so is this the case in the other riverine towns. Kunta-ur and Kau-ur are set in the midst of swamps, and only large engineering schemes will ever free these places of mosquitoes.

In Georgetown the Aedes Argentens is prevalent during the day—to a greater extent than in the other wharf towns.

(ii.) Smallpox.—Vaccination is constantly being done throughout the Protectorate. This seems to be the one disease the seriousness of which is appreciated by the natives. Isolation is performed at once before the Medical Officer is sent for. There is one point that is omitted, namely, the proper care of the eyes, and much blindness results from this.

(iii.) Water Supply.—In the bush villages the water supply is from wells. Inspection of these has revealed that in most cases they are well constructed with raised mouths and sloping banks, but these banks are not impermeable, and surface contamination must be frequent. In the wharf towns the water used by Europeans is rain water stored in tanks ; the natives use the river water—a matter of serious moment, especially when steamers are present, because of the amount of refuse. Luckily the Gambia is a tidal river for a great distance.

(iv.) *Refuse Disposal.*—In Georgetown there are now four mud incinerators all in good repair. All refuse from house or street is burned there by the sanitary gang. This part of the work is very satisfactorily performed.

(v.) Sewage Disposal.—In Georgetown this is satisfactorily done. Latrines on the earth and pail system are used in the European houses. In the Official quarters removal is done by prison labour and sewage buried outside the town.

The native population use cesspits in the yards-these were found to be satisfactory on the whole, but repeated inspection is necessary.

In Kunta-ur there are two public latrines on the earth and pail system each surrounded by krinting. These are very unsatisfactory, and the fact that they are to be replaced is of good omen. The mud incinerator requires attention.

As was stated above, Kunta-ur in the trading season presents a problem difficult of solution. The steamer labourers make use of any part of the town except the latrine accommodation provided—but which is inadequate for such numbers and any attempt at eradication of hookworm disease must be null and void while such a state of things exists.

Of the other river towns it may be said that they have not reached to the standard of Georgetown, but are much better than Kunta-ur.

(vi.) Meat Inspection and Market Accommodation.—Markets exist in the larger wharf towns, and are kept moderately clean. Meat safes exist, but forgetfulness as to shutting of doors takes away much of their benefit.

The meat is inspected daily in Georgetown by the Dispenser, who also acts as Inspector of Nuisances.

(vii.) Street Lighting in Georgetown.—This is satisfactory. Street lamps now exist on the new road leading from the market to the Wireless bungalow.

3. Meteorological Report for 1924 (attached).

4. Sanitary Report for Prison (attached).

|                     |             | Temp     | erature. | THE REAL PROPERTY OF |       |  | 10 4 .2     |
|---------------------|-------------|----------|----------|----------------------|-------|--|-------------|
| Month.              |             | Maximum. | Minimum. | Range.               | Mean. | Rainfall.                                    | Wind.       |
| CARGINAL CONTRACTOR |             | • F.     | * F.     | * F.                 | * F.  | Inches.                                      | C. ANTI     |
| January             |             | 97       | 56       | 41                   | 76.5  | 0.63   | Variable.   |
| February            |             | 106      | 58       | 48                   | 82.0  | -  | North.      |
| March               |             | 109      | 65       | 44                   | 87.0  |  | ,,,         |
| April               |             | 110      | 70       | 40                   | 90.0  |  | .,          |
| May                 |             | 109      | 71       | 38                   | 90-0  | 1.31   | ,,          |
| June                |             | 108      | 71       | 37                   | 89-9  | 10.44  |             |
| July                |             | 93       | 73       | 20                   | 83-0  | 12.14  | North East. |
| August              |             | 93       | 73       | 20                   | 83.0  | 10.24  | North.      |
| September           |             | 93       | 72       | 21                   | 82.5  | 11.45  | ,,,         |
| October             |             | 96       | 71       | 25                   | 83.5  | 0.81   |             |
| November            |             | 98       | 66       | 32                   | 82.0  |  | 33          |
| December            |             | 96       | 54       | 42                   | 75-0  | -  | 31          |
| Average             |             | 99.8     | 66.6     | 34                   | 83.7  | Sales and                                    | Antipale IX |
|                     | Low<br>Rain |          |          | he year<br>          |       | 110° F.<br>54° F.<br>47·01<br>North.<br>WILS | ON RAE,     |

### METEOROLOGICAL REPORT FOR GEORGETOWN, 1924.

M.O.

### ANNUAL SANITARY REPORT ON GEORGETOWN GAOL, 1924.

Whenever possible daily inspection of the prison by the Medical Officer is made.

The sanitary conditions are very good indeed.

Latrines.—There is one latrine on the pail and earth system, the excreta being buried daily. The supervision of this latrine is constant—one prisoner on light duty being detailed daily.

Diet.—This consists of rice, pap and meat. A sufficiency of vegetable is now obtainable. A meat safe has been placed in the prison.

Water supply.-The water used in the prison is obtained daily from the river.

### ACCOMMODATION.

No. of cells =8 (including prison infirmary). Dimension of cell =20 by 12 by 15 ft. Cubic Capacity =3,600 cub. ft. No. of prisoners per cell =5-8.  $\therefore$  Space per head =720-450 cub. ft.

(Signed) H. WILSON RAE.

| VA | CCI | NA | TIC | DNS. |
|----|-----|----|-----|------|
|    |     |    |     |      |

| No. Vaccinated. | Successful. | Not seen. | Failed.    |
|-----------------|-------------|-----------|------------|
| 1,223           | 92          | 1,131     | Not known. |

### IV. METEOROLOGY.

See Tables for Bathurst and Georgetown.

### V. HOSPITALS AND DISPENSARIES.

### (a) VICTORIA HOSPITAL, BATHURST.

- 1. Hospital Buildings entirely repainted and several minor repairs done.
- 2. A changing room for African Nurses erected.
- 3. Quarters for Nursing Sister's servants built.

(b) Georgetown, MacCarthy Island.

### VI. SCIENTIFIC.

1. In August Dr. J. C. Cruickshank, Medical Officer, proceeded to the North Bank Province to investigate an outbreak of a disease which he diagnosed clinically as Relapsing Fever, this being subsequently proved by the finding of Duttons' Spirochæte in blood films that were sent to the Sir Alfred Jones Research Institute, Freetown.

2. Dr. A. M. W. Rae, Medical Officer, has been carrying out some interesting experiments investigating the diseases that the "Non-Sick" native is most prone to, particularly Helminthic Diseases and their treatment by Carbon Tetrachloride. The Helminthic diseases formed 82 per cent. and were present as follows :—

| Ankylostomiasis | <br> | <br>60 p | per cent. |
|-----------------|------|----------|-----------|
| Ascariasis      | <br> | <br>20   | ,,        |
| Tæniasis        | <br> | <br>30   |           |
| f Dillamateria  | <br> |          |           |

Very few cases of Bilhanyiasis were detected.

3. A European Officer was found on leave, in the United Kingdom, to be infected with Trypanosomiasis.

4. Entomology.—The following specimens were identified— Gambia River Kackang Creek-19 Tetse-Flies-Glossina Palpalis R. D. 18 Morsitans West 1 1 Tabinid Fly-Tabanus ditæniatus Macq. 1 Bathurst-Government House-Culen duttoni Thes. Fatigans Wied. ... ... \*\* " Tigripes Gip. No. 1 District-Ædes ægypti Faber. " sugens wied. 99 32 Culen duttoni Theo. Cape St. Mary Agricultural Bungalow-Culen brigripes grip. Culiciomyia nebrilose Theo. 22 22 27 Anopheles costalis Lw. 22 Mansomioides uniforms Theo. 33 Wireless Quarters-Anopheles costalis Lw. 33 22 W. A. F. F. Lines—Anopheles costalis Lw.

### REPORT ON BATHURST PRISON FOR 1924.

The prisoners, daily average 102, have now all been transferred to No. 2 on the Cape Road.

Health.—Four hundred and fifty-five out patients have been attended to during the year, of these forty-two were admitted to the Prison Infirmary. Eight deaths occurred, four being due to judicial hanging.

*Diet.*—Native rice is now used exclusively and with beef, fish and the vegetables from the prison garden furnishes a good and sufficient dietary.

Sanitation.—A concrete drain replaces a mud one through the compound.

Six tanks connected by ball valves to the mains have been installed-these ensure a sufficient supply of water at all times.

All the cells were fumigated three times to destroy bugs.

There were two campaigns against rats during the year.

(Signed) G. E. CRAIG, Prison Medical Officer.

19.3.25.

ANNUAL MEDICAL REPORT FOR THE PROTECTORATE. AND GEORGETOWN, 1924.

The Protectorate Medical Headquarters consist of the Hospital and Dispensary at Georgetown, MacCarthy Island.

1. Staff.—A Medical Officer has been stationed in the Protectorate from January to June and from September to December.

The remainder of the staff consists of :--

- (1) The Dispenser.
- (2) The cook, who is also attendant and dresser.
- (3) The market caretaker—who acts as hospital labourer.

2. Financial.—The revenue derived from the nominal charges made for treatment and drugs to such as were able to pay amounted to £4 19s. 9d.

3. Health.—Accurate data is obtainable only in Georgetown and must not be taken as exact indication of the health of the Protectorate generally.

(a) GENERAL.—No outbreaks of epidemic disease—apart from smallpox—have occurred and the general health has been good.

(b) EUROPEANS.—Two cases of serious illness occurred during the year. One of Blackwater fever and the other of Septicæmia. Both recovered. In other two cases the patients were invalided to England. Apart from these more serious cases, many Europeans have required treatment for influenza and malaria. In Kuntaur in December there was a mild epidemic of gastric influenza among the French population there. The nature of their work and the consequent inability to take proper exercise daily is the real cause of the indisposition.

(c) NATIVES.—(i.) Officials.—The total number of these in Georgetown is about twenty. The mass of treatment has been for minor ailments. One death took place among the police—cause of death, Coronary Athesema.

(ii.) General Population.—The conditions for which treatment was mainly applied were the following :—

(1) Digestive Disorders.—This class is and must remain the largest. Diet and general conditions of life are such as produce a sluggish alimentary system. Helminthic infection is also an important factor, and of this type Ankylostomes are of greater moment than the sum of all the other helminths.

(2) Respiratory Diseases.—Bronchitis is very common. Pneumonia when it occurs is more serious than in England. Resistive power to all forms of respiratory disease is very low. Pulmonary Tuberculosis will become a big problem.

(3) Rheumatism and Arthritis in all its forms are extremely prevalent, especially in the cold weather.

(4) Genito Urinary.—Post conceptive complications are by no means rare, and of late the numbers coming for attention for pathological conditions of uterus and appendages are very great.

(5) Venereal Diseases.—So prevalent as to be almost universal, and to this may be ascribed many of the skin, bone, eye and cardiac conditions seen.

(6) Tropical Ulcer and Septic conditions of hands and feet are very common, and it is regrettable that the natives exhibit so great callousness in their treatment. Leaves and filth make good incubation chambers for germs—so that chronicity is the rule.

(7) Skin Diseases.—Of these scabies and impetigo are common, as are also those conditions due to fingi. Mention of the part played by venereal disease has already been made.

(8) Malaria of chronic mild type is commonest.

A few cases of malignant malaria with cerebral symptoms are seen among young people.

(9) Trypanosomiasis.—Despite innumerable blood examinations, in no human case has the trypanosome been demonstrated. Glosina palpalis is the mosquito of the river; a few of the Morsitans group have been caught and examined on the ironstone ridges in MacCarthy Island Province.

(10) Small-pox.—This is epidemic in the Protectorate; during the year seven cases have occurred in Georgetown, with one death.

(11) Goitre is common, but diseases such as Leprosy and Elephantiasis are comparatively rare.

(12) Diseases of the Eye.—The numbers suffering from these are very great indeed. Native remedies seem excellent for transforming a conjunctivities with pan-ophthalmities.

The Hospital justifies its existence—the numbers of both in-patients and outpatients have greatly increased, and as the native loses his fear of hospital the zone of usefulness of this place will increase. An attempt has been made to travel as much as possible among the villages. This is very important, and the early appearance of the Medical Motor-Boat will make the medical work in the Protectorate of greater and greater importance. Work is being done at present on the helminthic infections. A full report will be made to you at a later date, but even now we can say that Ankylostomiasis is widespread among the population—presenting another problem for our solution.

Vital Statistics.—Registration of births and deaths is carried out in Georgetown only. It is compulsory and reliable, being done through the headman to the dispenser, who acts as registrar.

|                  | 1922.        | 1923.    | 1924.    |
|------------------|--------------|----------|----------|
| Births<br>Deaths | <br>33<br>53 | 28<br>53 | 32<br>49 |
| ma belive que    | Males.       | Fem      | ales.    |
| Births           | <br>12       | 20       | 0        |

Hospital Returns.—The details list of out-patients diseases is attached. As the hospital was without a Medical Officer for some months and also during the periods of travelling, accurate diagnosis under each head is not attempted.

### ANNUAL MEDICAL REPORT ON GEORGETOWN GAOL, 1924.

Sick parade for prisons takes place daily at 8 a.m. at the Hospital. Dressings are done at 11.0 a.m. There is one cell in the prison reserved as an Infirmary, with accommodation for four cases.

The general health of the prisoners has been good. Occasionally surgical cases have had to be admitted to Hospital for short periods.

Prevalent Diseases-

- I. Digestive—Diarrhœa (one case of amebic dysentery treated), Constipation.
- II. Helminthic Ankylostomiasis and Infection with Taeniae.
- III. Respiratory. Bronchitis is fairly common.
- IV. Rheumatism.
- V. Malaria.

There were three deaths during the year.

Causes of Death :---

- 1. Endocarditis.
- 2. Smallpox.
- 3. Pneumonia.

All prisoners are now vaccinated on day of admission.

(Signed) A. M. W. RAE,

Medical Officer.

# RECOMMENDATIONS FOR 1924 IN THE 1923 REPORT-ACTION TAKEN.

#### (a) SANITARY.

1. A scheme for the suitable disposal of night soil for Bathurst. A Committee was formed to discuss this vexed question, but no satisfactory decision was arrived at. The two main suggestions were the use of barges, so that latrine buckets could be emptied and cleaned at a distance from the shore, where river currents would ensure that no night soil was washed back again on to the foreshore. Weather conditions and initial cost were the difficulties raised. The other suggestion was incineration, and again the cost of both outlay and upkeep and the difficulty in obtaining fuel appeared to render this method as unlikely to be successful. 2. A scheme for the filling in of low-lying land and pipe drainage of Bathurst.

Tenders for a dredger and pumping apparatus have been offered and it is hoped the work will be begun in 1925.

- 3. Sanitary Station.
- 4. Installation of a mechanical filter at Lamin.

5. Extension of Market.

6. New Slaughter House.

3-6, nothing done; all held up for financial reasons and are not likely to be considered until 1927.

7. Extension of Sanitation riverine trading centres in the Protectorate.

This is being done gradually and will be better supervised now that the Medical Officer has been provided with a Motor Launch, the "Princess Mary."

8. Public Pan Latrine, Wellington Street, erected.

### (b) MEDICAL.

The installation of an electric bell system in the Victoria Hospital.

Not fully carried out as originally recommended.

2. Conversion of the Old Military Hospital into a European Hospital.

3. Provision of a garage at the Victoria Hospital. Nos. 2 and 3 not approved.

4. Improvements to European Nursing Sisters' Bungalow and to the Buckle Street Bungalow.

These have been carried out in regard to the former, were not approved for the latter.

An additional European Nursing Sister.

### X. RECOMMENDATIONS FOR 1925.

### (a) SANITARY.

1. Repetition of all the recommendations, 1 to 6 inclusive, made in the 1923 Report for 1924.

2. Voluntary leper segregation camps in the Protectorate in connection with important villages and the erection of a small Leper Hospital in Bathurst, possibly in connection with the Destitute Home, for very bad cases.

3. An investigation of tuberculosis in Bathurst. This is being gradually carried out by the Medical Officer of Health.

### (b) MEDICAL.

1. Replacing the wooden floors in the latrine and in Nos. 3, 4 and 5 wards with concrete.

2. Construction of a new European Hospital separate entirely from the present building, as soon as funds are available.

3. Medical Store for Georgetown.

4. Dispenser's quarters, Cape St. Mary :--

Latrine and washhouse approved for 1925 and in process of being constructed.

5. A kitchen and a fence for the compound are required.

6. A permanent fence for the compound of No. 9 Buckle Street.

# XI. PUBLIC WORKS DURING 1924.

- 1. Changing Room, Victoria Hospital, erected.
- 2. Servants' Quarters, Victoria Hospital, erected.
- 3. One Public Pan Latrine completed.

## XII. PUBLIC WORKS ESTIMATES, 1924.

### XX. PUBLIC WORKS RECURRENT.

|            |            |    |                        |       |      | Estimate.    | Actual Expenditure.        |
|------------|------------|----|------------------------|-------|------|--------------|----------------------------|
|            | besteen in |    | 1464.                  |       |      | £            | £ s. d.                    |
| 10.<br>16. | Upkeep     | of | Pump and<br>Cemeteries | Wells | <br> | <br>20<br>50 | $     5 0 1 \\     8 5 8 $ |

### XXI. EXTRAORDINARY EXPENDITURE.

| HEAT THE DELEDS AND ARON AND AN       | Estimate. | Actual Expenditure. |
|---------------------------------------|-----------|---------------------|
|                                       | £         | £ s. d.             |
| 3. Improvement of Latrines, Bathurst  | 500       | 41 7 8              |
| 4 Nam Dablie Lateinas Dathmat         | 500       | 325 15 1            |
| 8 Incinerator and Drying Shed Kuntaur | 300       | _                   |
| 3 New Desiners System Bathurst        | 4,000     | 98 18 0             |

### XIII. PROTECTION OF OFFICIALS' QUARTERS AGAINST MOSQUITOES.

| Screening. |  | No. of<br>Household. | No. of<br>Persons<br>exposed. | Persons<br>per<br>Household. | No. of Persons<br>attacked by<br>Malaria in 1924. | Attack<br>Rate per 100<br>in 1924. |      |
|------------|--|----------------------|-------------------------------|------------------------------|---|------------------------------------|------|
| Good       |  |                      | <br>7                         | 23                           | 3.1   | 2                                  | 8.7  |
| Fair       |  |                      | <br>23                        | 57                           | 2.4   | 10                                 | 17.5 |
| Poor       |  |                      | <br>4                         | 11                           | 2.7   | 1                                  | 9.1  |
| None       |  |                      | <br>7                         | 11                           | 1.5   | 2                                  | 18.1 |

All the houses are of light construction and all the occupiers are tenants.

| Total r | number of | Quarters   | mosquito proofed  | 34   |
|---------|-----------|------------|---|------|
| ,,      | ,,        | "          | not mosquito proofed                                      | 7    |
| ,,      | "         | Persons    | occupying mosquito proofed quarters                       | 91   |
| ,,      | ,,        | ,,         | " non mosquito proofed quarters                           | 11   |
| "       | "         |            | attacked by malaria with mosquito<br>proofed quarters     | 13   |
| "       | "         | ,,         | attacked by malaria with non mosquito<br>proofed quarters | 2    |
| Attack  | rate of p | ersons occ | upying mosquito proofed quarters                          | 14.2 |
| ,,      | ,,        | ,,         | " non mosquito proofed quarters                           | 18.1 |

### XIV.

This report, with which I entirely agree, has been drawn up by Dr. K. B. Allan, who has acted as Senior Medical Officer for the greater part of the time since Dr. Mayer's retirement.

(Signed) J. POLLARD.

# TABLE I.

|                                 | Europeans and<br>Whites. | Africans. | East Indians. | Chinese and<br>Malays. | Mixed and<br>Coloured. | Totals.                   |
|---------------------------------|--------------------------|-----------|---------------|------------------------|------------------------|---------------------------|
| Number of Inhabitants in 1924   | 1-22.91                  | 17201     |               | 14                     | 7                      | 9,741 (Estimated)         |
| " " Births during the year 1924 | -                        |           | -             | -                      | -                      | 291                       |
| ", ", Deaths ,, ", ", ",        | -                        |           |               | -                      | -                      | 513 (less still births)   |
| ", " Immigrants " " "           |                          |           | -             |                        | -                      | (Not recorded)            |
| Emigranto                       |                          |           | -             | -                      | _                      | Do.                       |
| Number of Inhabitants in 1923   |                          | -         | -             | -                      |                        | 9,567 (Estimated)         |
| Increase                        |                          |           | _             | _                      |                        | 174                       |
| Decrease                        | -                        | -         | -             | -                      |                        | putting to preside 1 - 61 |

### RETURN OF STATISTICS OF POPULATION FOR THE YEAR.

# TABLE 11.

# SUMMARY OF ROUTINE SANITARY WORK DONE DURING THE YEAR IN THE TOWN.

1. NAME OF TOWN .- BATHURST.

| 16           | - |      | 000<br>(70.0 | Approximate Area. | Number of proclaimed<br>Open Spaces. |
|--------------|---|------|--------------|-------------------|--------------------------------------|
| 1922<br>1923 |   | <br> |              | 400 acres         | None.                                |
| 1923         |   | <br> |              | 400 acres         | None.                                |

### 2. POPULATION.

|              |      | Number | of Natives. | Number of             | Europeans.    | Total.                        |
|--------------|------|--------|-------------|-----------------------|---------------|-------------------------------|
|              |      | Males. | Females.    | Males.                | Females.      | - Iotai.                      |
| 1922<br>1923 | <br> |        |             | -                     |               | 9,395 (Estimated)<br>9,567 ,, |
| 1924         | <br> |        |             | and a subscription of | Can to one is | 9,741 "                       |

### 3. Housing.

|              |       |      | Number occupied by<br>Europeans.  | Number occupied by<br>Natives.  |
|--------------|-------|------|---|---|
| Number of Ho | uses- |      |   |   |
| 1922         |       | <br> | 69  | 3,950   |
| 1923         |       | <br> | 69<br>73  | 3,986   |
| 1924         |       | <br> | 85  | 4,037   |
| Number of Hu | ts—   |      | and so in the second | and the stranger and the  |
| 1922         |       | <br> | 2 404   | the second se |
| 1923         |       | <br> | 3,494   | A CONTRACTOR OF A CARDING   |
| 1924         |       | <br> | (included as houses)  |   |

# 4. Mosquito PROTECTION OF HOUSES.

|  | 1922.            | 1923,        | 1924.                    |
|--|------------------|--------------|--------------------------|
| Number of European houses wholly mosquito-protected<br>Number of European houses with mosquito room<br>Number rendered during the year wholly mosquito-protected<br>Number rendered during the year partially mosquito-protected | 1<br>Off. 43<br> | 1<br>43<br>— | $\frac{1}{\frac{44}{1}}$ |

### 5. ERECTION OF NEW BUILDINGS DURING THE YEAR.

|   |   | 1922. | 1923. | 1924.     |
|---|---|-------|-------|-----------|
| Number of public buildings erected with sanction as to site,<br>construction, and relation to other buildings |   | 1     | 6     | 14        |
| struction, and relation to other buildings  |   | 4     | 21    | 5         |
| and relation to other buildings   | } | 24    | -     | { (approx |
| Number of houses built without sanction   |   | -     | -     | -         |
| Number of huts built without sanction   |   |       |       |           |

### ACTION TAKEN.

|     |            | Number of | Prosecutions. | Number d        | lemolished. |
|-----|------------|-----------|---------------|-----------------|-------------|
|     | in port of | Huts.     | Houses.       | Huts.           | Houses.     |
| 922 | <br>       |           |               | Jun - la street | -           |
| 923 | <br>       |           |               |                 | -           |
| 924 | <br>       |           |               | -               | -           |

| ~  |   |    |   |    |     |   |
|----|---|----|---|----|-----|---|
| 6. | M | AR | к | E7 | TS. | 2 |
|    |   |    |   |    |     |   |

|              |      |      | 712. | Total number. | Number paved and<br>drained. | Number unpaved |
|--------------|------|------|------|---------------|------------------------------|----------------|
| 1922<br>1923 | <br> | <br> |      | 1             | 1                            | _              |
| 1923         | <br> | <br> |      | 1             | 1                            | -              |
| 1924         | <br> | <br> |      | 1             | 1                            | -              |

### 7. SLAUGHTER-HOUSES.

|      |     |   |      | Total number. | Number paved and drained. | Number unpaved.           |
|------|-----|---|------|---------------|---------------------------|---------------------------|
| 1922 |     | - | <br> | <br>1         | 1                         | and a state of the second |
| 1923 |     |   | <br> | <br>i         | 1 1                       | e chester - reactor i     |
| 1924 | ••• |   | <br> | <br>1         | 1                         | -                         |

| 8. | LATRI |  |
|----|-------|--|
|    |       |  |
|    |       |  |

|   |           |                    |          |            |         | For     | Males.                                   | For F              | emales.            |
|---|-----------|--------------------|----------|------------|---------|---------|--|--------------------|--------------------|
|   |           |                    |          |            |         | Number. | Number of seats.                         | Number.            | Number o<br>seats. |
|   |           |                    |          |            |         |         |  |                    |                    |
| Number of Pu  | blie Latr | ines :-            |          |            |         |         |  | 0                  |                    |
| 1922  |           |                    |          |            |         | 16      | 71                                       | 8                  | 53                 |
| 1923  |           |                    |          |            |         | 11      | 64                                       | 10                 | 61                 |
| 1924  |           |                    |          |            |         | 11      | 70                                       | 11                 | 67                 |
| Number of ne  | w Public  | Latri              | ines er  | ected d    | luring  |         |  | Decist Charles     |                    |
| the year :  |           |                    |          |            |         |         | Contraction of the local division of the | 1.2.2              |                    |
| 1922  |           |                    |          |            |         |         |  | 1 1 1 1 1 1 1 1 1  | 1                  |
| 1923  |           |                    |          |            |         |         |  |                    | -                  |
| 1924  |           |                    |          |            |         | 1       | 9  |                    | 6                  |
| Vumber of Pu<br>year :  |           |                    |          |            | g the   | _       | _  | -                  | -                  |
| 1923<br>1924  |           |                    |          |            |         | 3       |  | 3                  |                    |
| Number of P<br>the year :<br>1922<br>1923<br>1924                                 |           | <br>               |          | ···<br>··· |         | 1       |  |                    |                    |
|   |           |                    |          |            |         |         | 1922.                                    | 1923.              | 1924.              |
| Number of Pri   | vate Lat  | rines              |          |            |         |         | 190                                      | 323                | 233                |
| verage numb   |           |                    |          | remov      | ed dail |         | 321                                      | 325                | 408                |
| verage num  |           |                    |          |            |         |         | 0.01                                     | 010                | 100                |
| substitute<br>Number of n   | d         |                    |          |            |         |         | 321                                      | 325                | 408                |
| remove ex   | -         |                    |          |            |         |         | 22                                       | 26                 | 26                 |
|   |           |                    |          |            |         |         | 45                                       | 37                 | 32                 |
| sumper or con   |           |                    |          |            |         |         | -  | As required        | -                  |
|   |           | NOOLEN.            |          |            |         |         |  | and required       | STREET, STREET,    |
| Number of ces   | spools ch | le cons            | structed | durin.     | o the w | ear     |  |                    |                    |
| Number of ces   | v cesspoo | ls cons            | structed |            | g the y |         | 20                                       |                    | - 5                |
| Number of ces<br>Number of ces<br>Number of new<br>Number of old<br>Number of ces | esspool   | ls cons<br>s aboli | ished    |            |         |         | 20<br>Included                           | 8<br>in figures of | 5<br>Section 1     |

9. REMOVAL OF REFUSE.

|   | 1922.        | 1923.        | 1924. |
|---|--------------|--------------|-------|
| Number of dustbins issued   | 97           | 64           | 93    |
| Number of carts at work daily to remove refuse from streets                                 | 12           | 10           | 13    |
| Amount of refuse removed daily<br>Number of carts at work daily to remove refuse from yards | 95           | 49           | 59    |
| and premises  | As a<br>As a | bove<br>bove | 1     |
| Number of men employed for moving refuse  | 38           | 32           | 40    |

| 10. MODE O | DISPOSAL OF | EXCRETA, F | REFUSE AND | OFFAL. |
|------------|-------------|------------|------------|--------|
|------------|-------------|------------|------------|--------|

|                          |                 | Daily average<br>number of pails<br>of excreta. |       |       | Daily average<br>number of cartloads<br>of refuse. |               |              | Daily average number<br>of cartloads of Slaughter<br>House and Market Offal. |                          |       |
|--------------------------|-----------------|---|-------|-------|--|---------------|--------------|--|--------------------------|-------|
|                          | 193             | 22.   | 1923. | 1924. | 1922.  | 1923.         | 1924.        | 1922.  | 1923.                    | 1924. |
| Burnt<br>Thrown into sea | ··· -<br>··· 21 | 73  |       |       | 95<br>   | 319<br>combus | <br>tibles a | )  | thrown<br>sea.<br>wn int |       |

\* State mode of disposal.

## 11. Average Daily Number of Cartloads of Tin Cans, Bottles, Broken Crockery, and other Incombustible Material Removed from Houses, Huts and Compounds.

| Spinster of survey | 1922. | 1923. | 1924. |
|--------------------|-------|-------|-------|
| Anna Station       |       | 1     |       |

### 12. WATER SUPPLY.

| Nature of Water Supply.   | 1922. | 1923. | 1924.                                 |
|---|-------|-------|---------------------------------------|
| Pipe-borne water :<br>Source (river, lake, or spring) :<br>Number of linear yards<br>Number of stand-pipes along roads<br>Number of stand-pipes in compounds and houses   | 37    |       | 63<br>10                              |
| Wells :<br>Public :<br>Number with pumps protected against surface water<br>and mosquito-protected<br>Private :<br>Number<br>Number protected against surface water and mosquito-<br>protected  | , _   | 204   | led, unused.<br>128<br>t 8 (variable) |
| Tanks :       Public :         Number underground          Number mosquito-protected and served by pumps          Number above ground           Number mosquito-protected           Number of 400 gallons capacity or less           Number above 400 gallons | Nil.  | Nil.  | Nil.                                  |

|               | Nature of  | 1922.     | 1923.  | 1924. |      |      |        |              |              |
|---------------|------------|-----------|--------|-------|------|------|--------|--------------|--------------|
| Tanks :       |            | Stend 0   | NY.S W | 13 10 | 4 60 | TRAN |        |              |              |
| Private :     |            |           |        |       |      |      |        |              |              |
|               | undergrou  | ind       |        |       |      |      | 3      | 3            | 3            |
| Number        | mosquito-  | protected |        |       |      |      | 1 0    | 5            |              |
|               | above gro  |           |        |       |      |      | 1      |              |              |
|               | mosquito-  |           |        |       |      |      | > 166  | 184          | 221 (approx. |
|               | of 400 gal |           |        | less  |      |      | )      |              |              |
|               | above 400  | gallons   |        |       |      |      | 4      | 4            | 8            |
| Nature of tan |            |           |        |       |      |      |        |              |              |
| Wood          |            |           |        |       |      |      | )      |              |              |
| Iron          |            |           |        |       |      |      | 2      | Iron.        |              |
| Concrete      |            |           |        |       |      |      | )      |              |              |
| Barrels :-    |            |           |        |       |      |      |        |              |              |
| Number        |            |           |        |       |      |      |        | No record.   |              |
| Number        | mosquito-  | protected |        |       |      |      | Fish s | tocked or co | vered.       |

13. DRAINAGE.

| N                    | ature of Drai  | inage.       |         | and the second                               | Public.   | Private.       |  |  |
|----------------------|--|--------------|---------|--|---|----------------|--|--|
| dasonry drains :-    |  |              |         |  |   |                |  |  |
| Lineal yards of      | Masonry di   | rains :      |         | 1001   | A STATE OF THE OWNER |                |  |  |
| 1922                 |  |              |         |  | 1,000   |                |  |  |
| 1923                 |  |              |         |  | 1,000 (approx.)   | -              |  |  |
| 1924                 |  |              |         |  | 1,000 (approx.)   | -              |  |  |
| Lineal yards re-     |  |              |         |  | ·   |                |  |  |
| 1922                 |  |              |         |  | 1   |                |  |  |
| 1923                 |  |              |         |  | Nil   | -              |  |  |
| 1924                 |  |              |         |  |   |                |  |  |
| Lineal yards re      |  |              |         |  | ·   |                |  |  |
| 1922                 |  |              |         |  | Nil   | _              |  |  |
| 1923                 |  | -            |         |  | Nil   | _              |  |  |
| 1924                 |  |              |         |  | 30 yds. (approx.)   | _              |  |  |
| Lineal yards o       |  |              |         |  | or Jan (of From)  |                |  |  |
| the year :           | e non aran   | as compare   | ierea a | anno   |   |                |  |  |
| 1922                 |  |              |         |  | 1   |                |  |  |
| 1923                 |  |              |         |  | Nil   | - Tolen and a  |  |  |
| 1924                 |  |              |         |  | the second second second  |                |  |  |
| Earth drains or dite |  |              |         |  | in some survive   |                |  |  |
| Number of lines      |  | titches clea | aned    | -  | toris grante and planet   |                |  |  |
| 1922                 |  |              | anou .  |  | 800   | In radiantial  |  |  |
| 1923                 |  |              |         |  | 750 (approx.)   | _              |  |  |
| 1924                 |  |              |         |  | 750 (approx.)   |                |  |  |
| Number of lin        |  |              |         | and  | (approxi)   |                |  |  |
| graded :-            | ioai yaius   | or circone   | is dug  | CALINA                                       | and the second second   |                |  |  |
| 1000                 |  |              |         | 1000   | 550 (approx.)   | w walnut       |  |  |
| 1922                 |  |              |         |  | - (approx.)   | al base states |  |  |
| 1004                 |  |              |         |  | 2,000 (approx.)   | Herring H      |  |  |
| Average freque       | nor of cleari  |              | of gra  |  | 2,000 (approx.)   | Manale         |  |  |
| 1000                 | and the second |              |         | ( Cale 2 ( 2 ( 2 ( 2 ( 2 ( 2 ( 2 ( 2 ( 2 ( 2 |   |                |  |  |
| 1000                 |  | -            |         |  | Once in 2 weeks   |                |  |  |
| 1004                 |  |              |         |  | during rains.   | 5              |  |  |
| 1924                 | *** **   |              |         |  | ,   |                |  |  |

14. CLEARANCE OF UNDERGROWTH, LONG GRASS AND JUNGLE.

|   | 1922.  | 1923.      | 1924.              |
|---|--------|------------|--------------------|
| Number of square yards of weeds, grass, and vegetation cut<br>and removed | 2,500  | 2,500      | 3,000<br>(approx.) |
| Average frequency of clearance of rank vegetation on same<br>area         | Once a | month duri |                    |

### 15. EXCAVATIONS AND LOW-LYING LAND.

|  | 1922. | 1923.            | 1924.    |
|--|-------|------------------|----------|
| Number of pools and excavations<br>Number of excavations filled up   | } 6   | Numerous         | Numerous |
| Amount of low-lying and marsh land raised and drained<br>Number of pools, marshes, streams, &c., fish-stocked<br>Number of cubic yards of material used for filling up pools | -     | Numerous         | Numerous |
| and excavations  | 1,000 | 800<br>(approx.) | 15,000   |
| Number of persons fined for making new excavations<br>Average number of men daily employed in filling up pools, &c.  | - 1   | o special me     |          |

24

| 6 | ۰. | -  |  |
|---|----|----|--|
|   | ,  |    |  |
| - |    | ., |  |
|   | -  | -  |  |

### 16. OILING.

| Annual of Concept and Descent in a second   | 1922. | 1923. | 1924.                  |
|---|-------|-------|------------------------|
| Number of oilings of drains<br>Number of oilings of pools and excavations   | 947   | 968   | 1,013                  |
| Number of oilings of tanks and barrels<br>Average number of men daily employed for oiling drains,<br>pools and water tanks or barrels | , 1   | 14    | 14<br>(4 during rains) |

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17. INSPECTIONS AND PROSECUTIONS.

|   | 1922.  | 1923.  | 1924.            |
|---|--------|--------|------------------|
| Number of inspectors employed                               | 7      | 7      | 7                |
| Number of inspections of houses                             | 53,408 | 51,771 | 53,004           |
| Number of houses where larvæ were found                     | 210    | 165    | 238              |
| Number of notices served to remove conditions causing the   | 1      |        |                  |
| breeding of larvæ   | 218    | 188    | 255              |
| Number of persons fined for having mosquito larvae on       |        |        | The Average      |
| premises  | 210    | 155    | 223              |
| Number of notices served to remove insanitary conditions on |        |        | States in called |
| premises  | 442    | 593    | 288              |
| Number of persons fined for not removing insanitary con-    |        |        | and the second   |
| ditions after notice  | 1      | _      | 2                |
| Number of soda and aerated water factories inspected        | i      |        |                  |

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when there is the presence to a marked at the time time to the first panels iteration

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# TABLE III.

### VICTORIA HOSPITAL, BATHURST.

### RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1924.

| Disea              |           |          | Hospital           |                      |         | Cases    | Remain-<br>ing in<br>Hospital | Remarks.  |
|--------------------|-----------|----------|--------------------|----------------------|---------|----------|-------------------------------|-----------|
| T                  |           |          | at end of<br>1923. | Admissions.          | Deaths. | Treated. | at end of<br>1924.            |           |
| INFECTIVE          | Disease   | 8.       |                    |                      | 344     |          |                               |           |
| Beri-Beri          |           |          |                    | 6                    |         | 6        |                               |           |
| Cerebro-Spinal Fev | er        |          |                    |                      |         |          |                               |           |
| Thicken-Pox        |           |          |                    |                      |         |          |                               |           |
| Cholera            |           |          |                    |                      |         |          |                               |           |
| Dengue             |           |          |                    |                      |         |          |                               |           |
| Diphtheria         |           |          |                    |                      |         |          |                               | -         |
| Dysentery          |           |          |                    | 19                   | 4       | 19       |                               |           |
| Indocarditis-infe  | ctive     |          |                    |                      |         |          |                               |           |
| Interic            |           |          |                    | 3                    |         | 3        |                               |           |
| Erysipelas         |           |          |                    |                      |         |          |                               |           |
| Jonorrhœa          |           |          |                    | 26                   |         | 26       | 1                             |           |
| nfluenza           |           |          | 1                  | 32                   |         | 33       |                               |           |
| Kala Azar          |           |          |                    |                      |         |          |                               |           |
| eprosy-            |           |          |                    |                      |         |          |                               |           |
| (a) Nodular        |           |          |                    |                      |         |          |                               |           |
| (b) Anæsthetic     |           |          |                    |                      |         |          |                               |           |
| Ialaria—           |           |          | 1.0                | In the second second |         |          | 1                             |           |
| (a) Sub-tertian    |           |          |                    | 69                   | 2       | 69       |                               |           |
| (b) Quartan        |           |          |                    |                      |         |          |                               |           |
| (c) Aestivo-autur  | nnal      |          |                    |                      |         |          |                               |           |
| (d) Chronic Mala   | aria      |          |                    |                      |         |          |                               |           |
| (s) Black-water    |           |          |                    | 5                    | 2       | 5        |                               |           |
| Ieasles            |           |          |                    | 4                    |         | 4        |                               |           |
| Ialta Fever        |           |          |                    |                      |         |          |                               |           |
| lague              |           |          |                    |                      |         |          |                               |           |
| neumonia           |           |          |                    | 33                   | 15      | 33       | 1                             |           |
| yæmia              |           |          | ***                | 2                    | 1       | 2        |                               |           |
| tabies             |           |          |                    |                      |         |          |                               |           |
| Relapsing Fever    |           |          |                    |                      |         |          |                               |           |
| Rheumatic Fever    |           |          |                    |                      |         |          |                               |           |
| epticæmia          |           |          |                    | 2                    | 2       | 2        |                               |           |
| rypanosomiasis (Sl | eeping Si | ickness) |                    | 2                    |         | 2        |                               |           |
| mall-Pox           |           |          |                    |                      |         |          |                               |           |
| yphilis-           |           |          |                    | 100                  |         |          |                               |           |
| (a) Primary        |           |          |                    | 3                    |         | 3        |                               |           |
| (b) Secondary      |           |          |                    |                      |         |          |                               |           |
| (c) Inherited      |           |          |                    |                      |         |          |                               |           |
| etanus             |           |          |                    | 11                   | 6       | 11       |                               |           |
| uberculosis-phthi  | isis      |          | 2                  | 18                   | 7       | 20       |                               |           |
| Vhooping Cough     |           |          |                    |                      |         |          |                               |           |
| aws                |           |          |                    |                      |         |          |                               |           |
| Cellow Fever       | • •••     |          |                    |                      |         |          |                               |           |
| INTOXICA           | TIONS.    |          |                    |                      |         |          |                               |           |
| leoholism          |           |          |                    |                      |         | -        |                               |           |
| forphinism         |           |          |                    |                      | 1000    |          |                               |           |
| thers              |           |          |                    |                      |         |          |                               |           |
|                    |           |          |                    |                      |         |          |                               | 1.5.4.200 |
| * Carried          | forward   |          | 3                  | 235                  | 39      | 238      | 2                             |           |

i.e., the year previous to that for which the Return is made.
 " Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year
 The figures in this column to be carried on to the next year's Return.

# VICTORIA HOSPITAL, BATHURST-continued.

RETURN OF DISEASES AND DEATHS (IN-PATIENTS) FOR THE YEAR 1924-continued.

| Diseases.                     |                            | Lang.                         |       | Remaining<br>in<br>Hospital | Yearly T    | 'otal.   | Total<br>Cases | Remain-<br>ing in<br>Hospital | Remarks.   |
|-------------------------------|----------------------------|-------------------------------|-------|-----------------------------|-------------|----------|----------------|-------------------------------|------------|
|                               |                            |                               |       | at end of<br>1923.          | Admissions. | Deaths.  | Treated.       | at end of<br>1924.            |            |
| Bro                           | ought fo                   | orward                        |       | 3                           | 235         | 39       | 238            | 2                             |            |
| Gener                         | AL DISI                    | EASES.                        |       |                             |             |          |                | and a                         |            |
| Debility                      |                            |                               |       |                             | 5           | 1000     | 5              |                               |            |
| Senility                      |                            |                               |       |                             | ĩ           | <br>1    | 1              |                               |            |
| Anzemia                       |                            |                               |       |                             | 3           |          | 3              |                               |            |
| Anæmia-Per                    | nicious                    |                               |       |                             |             |          |                |                               |            |
| Diabetes                      | , iii                      |                               |       |                             | 1           |          | 1              |                               |            |
| Exophthalmic                  | Goitre                     |                               |       |                             |             |          |                |                               |            |
| Gout                          |                            |                               |       |                             |             |          |                |                               |            |
| Leucocythæmi<br>Hedekin's Die |                            |                               |       |                             |             |          |                |                               | Second Ch. |
| Hodgkin's Dis                 |                            |                               |       | ***                         |             |          | •••            |                               |            |
| Myxœdema<br>Purpura           |                            |                               |       |                             |             |          |                |                               |            |
| Rickets                       |                            |                               |       |                             |             |          |                |                               |            |
| Scurvy                        |                            |                               |       |                             |             |          |                |                               |            |
| Rheumatism                    |                            |                               |       |                             | 17          |          | 17             | 1                             |            |
| A CONTRACTOR OF A CONTRACTOR  | 200                        |                               |       |                             |             |          | 1              |                               |            |
| LOCA                          | L DISE                     | ASES.                         |       |                             |             |          |                | -                             |            |
| Disease of                    | the Man                    |                               | 1000  |                             |             |          |                |                               |            |
| Diseases of                   |                            | and the second second         | em.   |                             |             |          |                |                               |            |
|                               | -section                   | 1 1.                          |       |                             |             |          |                |                               |            |
| Neuritis                      |                            |                               |       |                             |             |          |                |                               |            |
| Meningitis                    |                            |                               |       |                             | 2           | 1        | -2             |                               |            |
| Myelitis                      |                            |                               |       |                             |             |          |                |                               |            |
| Hydrocephalus                 |                            |                               |       |                             |             |          |                |                               |            |
| Encephalitis<br>Abscess of Br |                            |                               |       |                             | 1           | 1        |                |                               |            |
| Congestion of                 |                            |                               |       |                             | 2           | 2        | 2              |                               |            |
| congestion or                 | Drain                      | ,                             |       |                             | -           | -        |                |                               |            |
| Sul                           | section                    | 2.                            |       |                             |             |          |                |                               |            |
| Apoplexy                      |                            |                               |       |                             | 3           | 3        | 3              |                               |            |
| Paralysis                     |                            |                               |       |                             | 2           | 1        | 2              |                               |            |
| Chorea                        |                            |                               |       |                             |             |          |                |                               |            |
| Epilepsy                      |                            |                               |       |                             | 1           |          | 1              |                               |            |
| Neuralgia                     |                            |                               |       |                             | 1           | ***      | 1              |                               |            |
| Hysteria                      |                            |                               |       |                             | 1_          |          | 1              |                               |            |
|                               | 1                          |                               | -     | 1 - 1 - 1                   |             | A Second |                |                               |            |
| Ment                          | tal Dise                   | ases.                         | 10.44 | 1.                          |             |          |                | -                             |            |
|                               | -section                   | a 3.                          | -     |                             |             |          |                |                               |            |
| Idiocy                        |                            |                               |       |                             |             |          |                |                               |            |
| Mania                         |                            |                               |       |                             |             |          |                |                               |            |
| Melancholia                   |                            |                               |       |                             | ;           |          |                |                               |            |
| Dementia                      |                            |                               | ***   |                             | 1           |          | 1              |                               |            |
| Delusional Ins                | amey                       |                               |       |                             | ***         |          |                |                               |            |
| Disease                       | es of th                   | e Ene                         |       | 4                           |             | 1        |                | -                             |            |
| Conjunctivitis                |                            | o Ligo.                       |       |                             | 7           |          | 7              |                               |            |
| Keratitis                     |                            |                               |       |                             |             |          |                |                               |            |
| Ulceration of                 |                            |                               |       |                             |             |          |                |                               |            |
| Iritis                        |                            |                               |       |                             |             |          |                |                               |            |
| Optic Neuritis                |                            |                               |       |                             |             |          |                |                               |            |
| Cataract                      |                            |                               |       |                             |             |          |                |                               |            |
| Myopia                        |                            |                               |       |                             | 1           |          | -1             |                               |            |
|                               |                            |                               |       |                             | +           |          |                |                               |            |
|                               | rried for                  |                               | 100   | 3                           | 284         | 48 -     | 287            | 3                             |            |
|                               | CONTRACTOR OF A CONTRACTOR | ALC: NOT THE REAL PROPERTY OF |       |                             |             | 10.00    | 400            |                               |            |

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# VICTORIA HOSPITAL, BATHURST-continued.

| in Star Barrier                         |          |     | Hospital           |             | -       | Total<br>Cases | ing in<br>Hospital                    | Remarks.  |
|---|----------|-----|--------------------|-------------|---------|----------------|---------------------------------------|-----------|
|   |          |     | at end of<br>1923. | Admissions. | Deaths. | Treated.       | at end of<br>1924.                    |           |
| Brought for                             | ward     |     | 3                  | 284         | 48      | 287            | 3                                     | Transis . |
| LOCAL DISEASES-                         | -contd.  |     |                    |             |         |                |                                       |           |
| Diseases of the                         | Ear      |     |                    |             |         |                | SAL YERE                              |           |
| Inflammation                            |          |     |                    | 1           |         | 1              |                                       |           |
| Other Diseases                          |          |     |                    |             |         |                |                                       |           |
|   |          |     |                    |             |         |                | in the second                         |           |
| Diseases of the Nose                    |          |     |                    | 2           |         | 2              |                                       |           |
| Diseases of the Nose                    |          |     |                    | 2           |         | 2              | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |           |
| Diseases of the Ci<br>System.           | rculator | y   |                    |             |         |                | and a second                          |           |
| Pericarditis                            |          |     |                    |             |         |                |                                       |           |
| Endocarditis                            |          |     |                    |             |         |                |                                       |           |
| Valvular Mitral                         |          | ••• |                    | 9           | 4       | . 9            |                                       |           |
| Aortic<br>Tricuspid                     |          |     |                    |             |         |                |                                       |           |
| Pulmonary                               |          | ••• |                    |             |         |                |                                       |           |
| Arterial Sclerosis                      |          |     |                    |             |         |                |                                       |           |
| neurism                                 |          |     |                    |             |         |                |                                       |           |
|   |          |     |                    |             |         |                | and some it                           |           |
| Diseases of the Re<br>System.           | spirator | .y  |                    | -           |         |                |                                       |           |
| aryngitis                               |          |     |                    |             |         |                |                                       |           |
| Bronchitis                              |          |     |                    | 29          |         | 29             | 4                                     |           |
| Broncho-pneumonia                       |          |     |                    |             |         |                |                                       |           |
| Abscess of Lung<br>langrene of Lung     |          |     |                    |             |         |                | . 111-12                              |           |
| Imphysema                               |          |     |                    |             |         |                |                                       |           |
| leurisy                                 |          |     |                    | 5           |         | 5              |                                       |           |
| Cmpyema                                 |          |     |                    |             |         |                |                                       |           |
| Diseases of the D<br>System.            | igestive |     |                    |             |         |                |                                       |           |
| tomatitis                               | •••      |     |                    | 1           |         | 1              |                                       |           |
| lossitis                                |          |     |                    | 21          |         | $\frac{2}{1}$  |                                       |           |
| ore Throat                              |          |     |                    | 1           |         | 1              |                                       |           |
| nflammation of Tonsil                   | 8        |     |                    |             |         |                |                                       |           |
| astritis                                |          |     |                    | 5           |         | 5              |                                       |           |
| leeration of Stomach<br>læmatemesis     |          |     |                    | 1           |         | 1              |                                       |           |
| læmatemesis<br>Pilatation of Stomach    |          |     |                    |             |         |                |                                       |           |
| tricture of Stomach                     |          |     |                    |             |         |                |                                       |           |
| yspepsia                                |          |     |                    | 1           |         | 1              |                                       |           |
| nteritis                                |          |     |                    | 5           | 2       | 5              |                                       |           |
| ppendicitis                             | •••      |     |                    | 2           |         | 2              |                                       |           |
| holecystitis<br>Ilceration of Intestine | *!*<br>8 |     |                    | 1           |         | 1              |                                       |           |
| prue                                    | s        |     |                    |             |         |                |                                       |           |
| lernia                                  |          |     |                    | 7           | 1       | 7              | 2                                     |           |
| iarrhea                                 |          |     |                    | 4           | 1       | 4              |                                       |           |
| onstipation                             | •••      |     |                    | 2           |         | 2              |                                       |           |
| Carried forv                            | vard     |     | 3                  | 363         | 56      | 366            | 9                                     |           |

# VICTORIA HOSPITAL, BATHURST-continued.

|                            | Diseases.            |   |      | Remaining<br>in<br>Hospital | Yearly T    | 'otal.  | Total<br>Cases | Remain-<br>ing in<br>Hospital | Remarks.           |
|----------------------------|----------------------|---|------|-----------------------------|-------------|---------|----------------|-------------------------------|--------------------|
|                            | Cana .               | Diment.   | -    | at end of<br>1923.          | Admissions. | Deaths. | Treated.       | at end of<br>1924.            |                    |
| Br                         | ought for            | ward  |      | 3                           | 363         | 56      | 366            | 9                             |                    |
|                            | DISEASES-            |   |      |                             |             |         |                |                               |                    |
| Diseases                   | of the L<br>System.  | Digestive   |      |                             | •           |         |                |                               |                    |
| Colic                      |                      |   |      |                             | 10          |         | 10             |                               |                    |
| Hæmorrhoids                |                      |   |      | 1                           | 2           |         | 3              |                               |                    |
| Pancreatitis               |                      |   |      |                             |             |         |                |                               | Section 3.         |
| Hepatitis-A                | cute                 |   |      |                             | 3           |         | 3              |                               | 1246122            |
| Abscess                    |                      |   |      |                             |             |         |                |                               | ALC: NOT           |
| Cirrhosis                  |                      |   |      | <i></i>                     |             |         |                |                               |                    |
| Jaundice                   |                      |   |      |                             | 2           |         | 2              |                               |                    |
| Peritonitis                |                      |   |      |                             |             |         |                |                               |                    |
| Ascites                    |                      |   |      |                             |             |         |                |                               |                    |
| Diseases                   | of the Ly<br>System. | ymphatic  |      |                             |             |         | · ·            |                               |                    |
| Splenitis                  |                      |   |      |                             |             |         |                |                               |                    |
| Inflammation               | of Lymp              | hatic Gl  | and  |                             | 3           |         | 3              |                               |                    |
| Suppuration                |                      | hatic Gl  | and  |                             |             |         |                |                               |                    |
| Lymphangiti                |                      |   |      |                             | 1           |         | 1              |                               |                    |
| Elephantiasis              | s                    |   |      |                             | 2           |         | 2              |                               |                    |
| Diseases of                | the Urina            | ry Syste  | m.   |                             |             |         |                |                               |                    |
| Acute Neph                 | ritis                |   |      |                             | 5           | 2       | 5              |                               | Contraction of the |
| Bright's Dise              |                      |   |      |                             | 11          | 5       | 11             |                               | and the second     |
| Pyelitis                   |                      |   |      |                             |             |         |                |                               | . Alleris          |
| Calculus                   |                      |   |      |                             |             |         |                |                               | and the second     |
| Renal Colic                |                      |   |      |                             |             |         |                |                               | a Kalen            |
| Cystitis                   |                      |   |      |                             | 1.          |         | 1              |                               | - Print to         |
| Vesical Calc               | alus                 |   |      |                             |             |         |                |                               |                    |
| Suppression                |                      |   |      |                             |             |         |                |                               |                    |
| Hæmaturia                  |                      |   |      |                             |             |         |                |                               |                    |
| Chyluria                   |                      |   |      |                             |             |         |                |                               |                    |
| Diseases of t              | the Genera           | utive Sys   | tem. | -                           |             |         | 1.1.1          |                               |                    |
| Male Organs                |                      | *   |      | 111                         |             |         | 1 3927         |                               |                    |
| Urethritis                 |                      |   |      |                             | 6           |         | 6              |                               | 1                  |
| Gleet                      |                      |   |      |                             |             |         |                |                               |                    |
| Stricture                  |                      | •••   | •••• |                             | 5           |         | 5              |                               |                    |
| Prostatitis<br>Soft chance |                      |   |      |                             |             |         |                |                               |                    |
| Condylom                   |                      |   |      |                             |             |         |                |                               | and the second     |
| Inflammat                  |                      |   |      |                             |             |         |                |                               |                    |
| Hydrocele                  |                      |   |      |                             | 6           |         | 6              |                               |                    |
| Orchitis                   |                      |   |      |                             |             |         |                |                               |                    |
| Epididym                   | itis                 |   |      |                             |             |         |                |                               | 1                  |
| Abscess of                 | f Testicle           |   |      |                             |             |         |                |                               |                    |
| Granulom                   | a Pudendi            | i   |      |                             | 1           |         | 1              |                               |                    |
| Bubo                       |                      |   |      |                             | 1           |         | 1              |                               |                    |
| Phimosis                   |                      |   |      |                             | 1           |         | 1              |                               | 1-1-2-2            |
|                            |                      |   |      |                             |             |         |                |                               |                    |
|                            |                      |   |      |                             | 423         |         | 107            | 9                             |                    |
|                            | Carried for          | the second se |      | 4                           | 1 1 1 1 1   | 63      | 427            | U U                           |                    |

# VICTORIA HOSPITAL, BATHURST-continued.

|   | Diseases.                        |  |                                | Remaining<br>in<br>Hospital            | Yearly T   | otal.  | Total<br>Cases   | Remain-<br>ing in<br>Hospital    | Remarks |
|---|----------------------------------|--|--------------------------------|--|--|--|--|----------------------------------|---------|
|   |                                  |  |                                | at end of<br>1923.                     | Admissions.  | Deaths.  | Treated.   | at end of<br>1924.               |         |
| 1   | Brought for                      | rward  |                                | 4                                      | 423  | 63   | 427  | 9                                | -       |
| LOCAL   | DISEASES                         | -conta   |                                |  |  |  |  |                                  |         |
| Diseases of   |                                  |  |                                |  |  |  |  | These                            |         |
|   |                                  | acce 29  | 000114.                        |  |  |  |  | 203 30 M                         |         |
| Female Org  |                                  |  |                                |  | 1  | in the second  | 1  |                                  |         |
| Pyosalpir<br>Ovaritis   |                                  |  |                                |  |  |  |  |                                  |         |
| Ovarian (   | Cyst                             |  |                                |  |  |  |  |                                  |         |
| Endomet   |                                  |  |                                |  | 1  |  | 1  |                                  |         |
|   | nent of Ute                      |  |                                |  |  |  |  |                                  |         |
| Vaginitis   |                                  |  |                                |  |  |  |  |                                  |         |
| Amenorr   |                                  |  |                                |  |  |  |  |                                  |         |
| Dysmeno   |                                  |  |                                |  | 2  |  | 2  |                                  |         |
| Menorrha  |                                  |  |                                |  | 2  |  | 2  |                                  |         |
| Leucorrh  | 088                              |  |                                |  |  |  |  |                                  |         |
| Abortion  |                                  |  |                                |  | 1  |  | 1  |                                  |         |
| Delayed ]   |                                  |  |                                |  |  |  |  |                                  |         |
| Retained  | m Hæmorr                         |  | ***                            |  |  |  |  |                                  |         |
| Prematur  |                                  |  |                                |  | 2  | 1  | 2  |                                  |         |
|   | Septicæmi                        |  |                                |  | Sector Park  | and the second                                       |  |                                  |         |
| Mastitis  |                                  |  |                                |  |  |  |  |                                  |         |
| Abscess o   |                                  |  |                                |  |  |  |  |                                  |         |
| Parturitie  |                                  |  |                                |  | 25   | 3  | 25   | 1                                |         |
| Diseases of   | and a second                     |  |                                | 1                                      | 1  |  | and the second   | and Sala                         |         |
| Diseases of<br>Osteitis .<br>Arthritis .<br>Spondylitis   |                                  |  |                                |  | 1<br>8<br>   |  | 1<br>8<br>   |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis  | ·····                            | Locomo   | tion.<br>                      |  | 8<br><br>  |  | 1<br>8<br>   | 1                                |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis  | ·····                            | Locomo   | tion.<br><br>                  |  | 8<br><br>1   |  | 1<br>8<br><br>1  | 1                                |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis  | ·····                            | Locomo   | tion.<br><br>                  |  | 8<br><br>  |  | 1<br>8<br>   | 1<br>                            |         |
| Osteitis .<br>Arthritis .<br>Spondylitis<br>Bursitis .<br>Myositis .<br>Synovitis .   | ·····                            | Locomo   | tion.<br><br><br>              |  | 8<br><br>1   |  | 1<br>8<br><br>1  | 1<br><br>                        |         |
| Dsteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases of<br>Cellulitis  | <br><br><br><br><br><br><br><br> | Locomo   | tion.<br><br><br>              |  | 8<br><br>1<br>3<br>9   |  | 1<br>8<br><br>1<br>3<br>9  | 1<br><br>                        |         |
| Dsteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess  |                                  | Locomo   | tion.<br><br><br><br>          |  | 8<br><br>1<br>3  |  | 1<br>8<br><br>1<br>3   | 1                                |         |
| Dsteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Elephantias   |                                  | Locomo<br><br><br><br><br>ve Tisse                                 | dion.<br><br><br><br>          |  | 8<br><br>1<br>3<br>9<br>25<br>                                 |  | 1<br>8<br><br>1<br>3<br>9<br>25<br>                                  | 1                                |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Synovitis<br>Diseases of<br>Cellulitis<br>Abscess<br>Elephantias  |                                  | Locomo<br><br><br><br>ve Tisse<br><br>                             | etion.<br><br><br><br><br>     | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br><br>15                           | <br><br><br>2<br>                                    | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16                            | 1<br><br><br><br>1<br>1<br>      |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Elephantias   | of Connecti                      | Locomo<br><br><br><br>ve Tissu<br><br>                             | etion.<br><br><br><br><br>     |  | 8<br><br>1<br>3<br>9<br>25<br>                                 | <br><br><br>2<br>                                    | 1<br>8<br><br>1<br>3<br>9<br>25<br>                                  | 1<br><br><br>                    |         |
| Dateitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Synovitis<br>Diseases of<br>Cellulitis<br>Abscess<br>Elephantias<br>Ulcer<br>Fistula<br>Diseased  | of Connecti<br>                  | Locomo<br><br><br><br>ve Tissu<br><br>                             | etion.<br><br><br><br><br>     | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br><br>15                           | <br><br><br>2<br>                                    | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16                            | 1<br><br><br><br>1<br>1<br>      |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Synovitis<br>Diseases of<br>Cellulitis<br>Abscess<br>Elephantias<br>Ulcer<br>Fistula<br>Disea<br>Ulcer<br>Ulcer   | of Connecti<br>                  | Locomo<br><br><br><br>ve Tissu<br><br>                             | etion.<br><br><br><br><br>     | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br><br>15                           | <br><br><br>2<br>                                    | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16                            | 1<br><br><br><br>1<br>1<br>      |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Synovitis<br>Diseases of<br>Cellulitis<br>Abscess<br>Elephantias<br>Ulcer<br>Fistula<br>Disec<br>Urticaria  | of Connecti<br>                  | Locomo<br><br><br><br>ve Tissu<br><br><br><br><br><br><br><br><br> | etion.<br><br><br><br><br><br> | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br>                  | <br><br><br>2<br><br>1                               | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6                           | 1<br><br><br><br>1<br>1<br><br>1 |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Elephantias<br>Ulcer<br>Fistula<br>Disea<br>Ulcer<br>Urticaria<br>Eczema<br>Boil  |                                  | Locomo<br><br><br><br>ve Tisse<br><br><br><br>Skin.                | etion.<br><br><br><br><br>     | <br><br><br><br>                       | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6                      | <br><br><br><br>1                                    | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16<br>6                       | 1<br><br><br>1<br>1<br><br>1     |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Elephantias<br>Uleer<br>Fistula<br>Disea<br>Uler<br>Carbuncle   | of Connecti<br>                  | Locomo<br><br><br><br>ve Tisse<br><br><br><br>Skin.                | etion.<br><br><br><br><br><br> | <br><br><br><br>                       | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br>                  | <br><br><br><br><br>                                 | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>6<br><br>5<br>                |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Abscess<br>Elephantias<br>Ulcer<br>Fistula<br>Disea<br>Urticaria<br>Eczema<br>Boil<br>Carbuncle<br>Herpes   | of Connecti<br>                  | Locomo<br><br><br><br>ve Tisse<br><br><br><br>Skin.<br><br>        | etion.<br><br><br><br><br><br> | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br>15<br>6<br><br>5<br>             | <br><br><br><br><br>                                 | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br>              |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Lephantias<br>Ulcer<br>Fistula<br>Disea<br>Urticaria<br>Eczema<br>Boil<br>Carbuncle<br>Herpes<br>Psoriasis   | of Connecti<br>                  | Locomo<br><br><br><br>ve Tisse<br><br><br>Skin.<br><br><br>        | etion.                         | <br><br><br><br><br>                   | 8<br><br>1<br>3<br>9<br>25<br>15<br>6<br><br>5<br>             | ····<br>···<br>···<br>···<br>···<br>···              | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br>              |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>C | of Connecti<br>                  | Locomo<br><br><br><br>ve Tisse<br><br><br>Skin.<br><br><br>        | dion.                          |  | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br>         | ······································               | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br><br>5<br>     |                                  |         |
| Dateitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Liephantias<br>Ulcer<br>Sistula<br>Disea<br>Urticaria<br>Eczema<br>Boil<br>Carbuncle<br>Herpes<br>Driental Sor<br>Cinea  |                                  | Locomo<br><br><br><br>ve Tisse<br><br><br>Skin.<br><br><br>        | dion.                          |  | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br><br>     | ····<br>···<br>···<br>···<br>···                     | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br><br>5<br>     |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Abscess<br>Ulcer<br>Sistula<br>Disea<br>Urticaria<br>Eczema<br>Boil<br>Carbuncle<br>Herpes<br>Driental Sor<br>Dinea<br>Scabies  |                                  | Locomo<br><br><br><br>ve Tisse<br><br><br>Skin.<br><br><br><br>    | dion.                          | ······································ | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br><br>     | ····<br>···<br>···<br>···<br>···<br>···              | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br><br>5<br>     |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Lephantias<br>Ulcer<br>Fistula<br>Disea<br>Urticaria<br>Eczema<br>Boil<br>Carbuncle<br>Herpes<br>Pisoriasis<br>Driental Sor<br>Finea   |                                  | Locomo<br><br><br><br>ve Tisse<br><br><br>Skin.<br><br><br>        | dion.                          |  | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br><br>     | ····<br>···<br>···<br>···<br>···                     | 1<br>8<br><br>1<br>3<br>9<br>25<br>16<br>6<br><br>5<br><br>5<br>     |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Cellulitis<br>Abscess<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cell |                                  | Locomo<br><br><br>ve Tisse<br><br><br>Skin.                        | dion.                          |  | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br><br><br> | ····<br>···<br>···<br>···<br>···<br>···<br>···<br>·· | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16<br>6<br><br>5<br><br>5<br> |                                  |         |
| Osteitis<br>Arthritis<br>Spondylitis<br>Bursitis<br>Myositis<br>Synovitis<br>Diseases<br>Cellulitis<br>Abscess<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>Cellulitis<br>C |                                  | Locomo<br><br><br><br>ve Tissu<br><br><br><br><br><br><br><br><br> | dion.                          |  | 8<br><br>1<br>3<br>9<br>25<br><br>15<br>6<br><br>5<br><br><br> | ····<br>···<br>···<br>···<br>···<br>···<br>···<br>·· | 1<br>8<br><br>1<br>3<br>9<br>25<br><br>16<br>6<br><br>5<br><br>5<br> |                                  |         |

# VICTORIA HOSPITAL, BATHURST-continued.

| Diseases.                      |      | Remaining<br>in<br>Hospital | Yearly 7    | Cotal.  | Total<br>Cases | Remain-<br>ing in<br>Hospital | Remarks. |
|--------------------------------|------|-----------------------------|-------------|---------|----------------|-------------------------------|----------|
|                                |      | at end of<br>1923.          | Admissions. | Deaths. | Treated.       | at end of<br>1924.            |          |
| Brought forw                   | vard | 5                           | 530         | 70      | 535            | 14                            |          |
| Injuries—                      |      |                             |             |         |                |                               |          |
| Burns                          |      |                             | 5           |         | 5              |                               |          |
| General                        |      |                             |             |         |                |                               |          |
| Local                          |      | 1                           | 37          | 3       | 38             | 5                             |          |
| Surgical Operations            |      |                             |             |         |                |                               |          |
| Tumours                        |      | 1                           | 5           | 1       | 6              |                               |          |
|                                |      |                             |             | 17      |                | and the second                |          |
| Malformations                  |      |                             | 2           | 1       | 2              |                               |          |
| Poisons                        |      |                             | 2           |         | 2              |                               |          |
| Parasites-                     |      |                             |             | 1       |                |                               |          |
| Animal                         |      |                             |             |         |                |                               |          |
| Protozoa                       |      |                             |             |         | 4.1            |                               |          |
| Trematoda (Flukes)<br>Cestoda— |      |                             |             |         |                |                               |          |
| Tænia Solium                   |      |                             |             |         |                |                               |          |
| Tænia Saginata<br>Nematoda—    |      |                             | 2           |         | 2              |                               |          |
| Ascaris                        |      |                             | 2           |         | 2              |                               |          |
| Tricocephalus Disp             |      |                             |             |         |                |                               |          |
| Trichina                       |      |                             |             |         |                |                               |          |
| Dracunculus                    |      |                             | 2 .         |         | 2              |                               |          |
| Filariasis                     |      |                             |             |         |                |                               |          |
| Strongylus                     |      |                             |             |         |                |                               |          |
| Ankylostomiasis                |      |                             | 1           |         | 1              |                               |          |
| Oxyuris<br>Insecta—            |      |                             |             |         |                |                               |          |
| Myiasis                        |      |                             |             |         |                |                               |          |
| Malingering                    |      | 1                           | 9           |         | 10             |                               |          |
| Total                          |      | 8                           | 597         | 75      | 605            | 19                            |          |

# TABLE VI.

# VICTORIA HOSPITAL, BATHURST.

### SURGICAL OPERATIONS DURING 1924.

| Incision and drai | inage of | Abso   | ess      |       | <br> | <br>12 |
|-------------------|----------|--------|----------|-------|------|--------|
| Removal of forei  | gn body  |        |          |       | <br> | <br>7  |
| Incision of Tumo  | ur       |        |          |       | <br> | <br>6  |
| Herniotomy        |          |        |          |       | <br> | <br>6  |
| Amputation        |          |        |          |       | <br> | <br>5  |
| Reduction of Fra  | ctures a | and di | slocatio | n     | <br> | <br>4  |
| Circumcision      |          |        |          |       | <br> | <br>3  |
| Laparotomy        |          |        |          |       | <br> | <br>3  |
| Plastic Operation | 15       |        |          |       | <br> | <br>3  |
| Scraping Ulcer    |          |        |          |       | <br> | <br>2  |
| Radical cure Hy   | drocele  |        |          |       | <br> | <br>2  |
| Suturing Wound    | s        |        |          |       | <br> | <br>2  |
| Extraction of Te  | eth      |        |          |       | <br> | <br>2  |
| Castration        |          |        |          |       | <br> | <br>1  |
| Currettage        |          |        |          |       | <br> | <br>1  |
| Forceps delivery  |          |        |          |       | <br> | <br>1  |
|                   |          |        | ,        | Fotal | <br> | <br>60 |

# TABLE VII.

# VICTORIA HOSPITAL, BATHURST.

## RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1924.

| Beri-Beri<br>Dysentery<br>Gonorrhœa<br>Influenza   |          | FECTIVE     |        |          |      |      |          |   |  |
|--|----------|-------------|--------|----------|------|------|----------|---|--|
| Dysentery<br>Jonorrhœa   | 2.0      | AR BOATAR   | DISE   | ASES.    |      |      |          |   |  |
| Jonorrhœa  |          |             |        |          |      |      |          | 6                                       |  |
| ionorrhœa  |          |             |        |          |      |      |          | 42                                      | 14   |
| nfluenza   |          |             |        |          |      |      |          | 41                                      |  |
|  |          |             |        |          |      |      |          | 249                                     | 94   |
| eprosy (a) Not   | lular    |             |        |          |      |      |          | 1                                       | 2  |
| Ialaria (a) Sub  | -Tertian |             |        |          |      |      |          | 1,200                                   | 873  |
| Ieasles  |          |             |        |          |      |      |          | 88                                      | 83   |
| neumonia   |          |             |        |          |      |      |          | 10                                      | 7  |
| yphilis-   |          |             |        |          |      |      |          |   | 1.4.4  |
| (a) Primary  |          |             |        |          |      |      |          | 3                                       |  |
| (c) Inherited  |          |             |        |          |      |      |          | 1                                       |  |
| etanus   |          |             |        |          |      |      |          | 5                                       | 1  |
| uberculosis  |          |             |        |          |      |      |          | 2                                       | 3  |
| Whooping Coug  |          |             |        |          |      |      |          | 8                                       |  |
| Jumps  |          |             |        |          |      |      |          | 1                                       |  |
|  |          |             |        |          |      |      |          |   |  |
|  | (        | BENERAL     | DISE.  | ASES.    |      |      |          |   |  |
| enility  |          |             |        |          |      |      |          | 2                                       |  |
| Debility   |          |             |        |          |      |      |          | 13                                      | 9  |
| Anæmia   |          |             |        |          |      |      |          | 5                                       | 1  |
| Hout   |          |             |        |          |      |      |          | 2                                       |  |
| Rickets  |          |             |        |          |      |      |          |   | 4  |
| Rheumatism   |          |             |        |          |      |      |          | 256                                     | 134  |
| and the state of t |          |             |        |          | 1000 | 1000 | · marine | AND |  |
|  |          | LOCAL ]     | DISEA  | SES.     |      |      |          |   |  |
|  |          |             |        |          |      |      |          |   |  |
|  | Diseas   | es of the.  | Nervo  | us Syste | em.  |      |          |   |  |
|  |          | Sub-sect    | tion 1 |          |      |      |          |   |  |
| Neuritis   |          |             |        |          |      |      |          | 1                                       | 1  |
| Headache   |          |             |        |          |      |      |          | 57                                      | 27   |
| actuation of the   |          |             |        |          |      |      |          |   |  |
| •  |          | Sub-see     | etion  | 2.       |      |      |          |   | 1000   |
| Paralysis  |          |             |        |          |      |      |          |   | 2  |
| Neuralgia  |          |             |        |          |      |      |          | 3                                       | 2  |
| Neurasthenia   |          |             |        |          |      |      |          | 3                                       | 1  |
| Vertigo  |          |             |        |          |      |      |          | 4                                       | 5  |
| Convulsions  |          |             |        |          |      |      |          | 2                                       |  |
| Join v uisions   |          |             |        | •••      |      |      |          |   |  |
|  | 1        | Diseases (  | of the | Eve      |      |      |          |   |  |
| Conjunctivitis   |          |             |        |          |      |      |          | 287                                     | 134  |
| 17 4747-   |          |             |        |          |      |      |          | 5                                       |  |
| Ulceration of C  | ornea    |             |        |          |      |      |          | 4                                       | 2  |
| n  |          |             |        |          |      |      |          | 2                                       |  |
| Defective Visio  |          |             |        |          |      |      |          | 76                                      | 5  |
|  |          |             |        |          |      |      |          | 2                                       | 1  |
| Staphyloma   |          |             |        |          |      |      |          | 18                                      | 6  |
| Blepharitis  |          |             |        |          |      |      |          | 10                                      | i  |
| Gonorrheal   |          |             |        |          |      |      |          | 1                                       | î  |
| Foreign Body   |          |             |        |          |      |      |          |   | 24   |
|  | ,        | Diagan      | s it.  | Far      |      |      |          |   | and the second s |
| T-0  |          | Diseases of | 5 0.00 |          |      |      |          | 7                                       | 14   |
| Inflammation   |          |             |        |          |      |      |          | 39                                      | 14   |
| Other Diseases   |          |             |        |          |      |      |          |   | 6  |
| Foreign Body   |          |             |        |          |      |      |          |   | 1  |
| Mastoiditis  |          |             |        |          |      |      |          |   |  |
|  |          | 0.          | 10     | 37       |      |      |          |   |  |
| a  | 1        | Diseases of | of the | Avose.   |      |      | 200      | 9                                       | 9  |
| Coryza   |          |             |        |          |      |      |          | 1                                       |  |
| Epistasis  |          |             |        |          |      |      |          | 1                                       |  |
|  |          |             |        |          |      |      |          |   |  |
|  |          |             |        | ried for |      |      |          | 2,457                                   | 1,457  |

# TABLE VII. - continued.

## VICTORIA HOSPITAL, BATHURST-continued. RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1924-continued.

|                                     |            | Di     | 800.805. |                |        | -       | Males.                | Females.                                 |
|-------------------------------------|------------|--------|----------|----------------|--------|---------|-----------------------|--|
|                                     |            |        | Br       | ought fo       | orward | <br>    | 2,457                 | 1,457                                    |
|                                     |            |        | EASES-   |                |        |         |                       |  |
|                                     | iseases of | f the  | Circula  | tory Sy        | stem.  |         |                       | in the second                            |
| Endocarditis                        |            |        |          |                |        | <br>    | 2                     |  |
| Valvular Mitral                     |            |        |          |                |        | <br>    | 20                    | 7  |
| achycardia                          |            |        |          |                |        | <br>    |                       | 1  |
|                                     | iseases o  | f the  | Panning  | town Sa        | retem  |         |                       | 1.27                                     |
|                                     |            |        |          |                |        | 1922.00 | 2                     | 2  |
| aryngitis                           |            |        |          |                |        | <br>    | 1,325                 | 870                                      |
| Bronchitis                          |            |        | •••      |                |        | <br>    | 5                     | 1  |
| Broncho-pneumo                      |            |        |          |                |        | <br>    | 60                    | 29                                       |
| Pleurisy                            |            |        |          |                |        | <br>    | 48                    | 15                                       |
| Pleurodynia                         | Tung       |        |          |                |        | <br>    | 2                     |  |
| longestion of th                    |            |        |          |                |        | <br>    | 208                   | 78                                       |
| Bronchial Catar                     | ··· ···    |        |          |                |        | <br>    | 2                     | 1 41 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |
| Asthma                              |            |        |          |                |        | <br>    | -                     |  |
|                                     | Diseases   | of the | Digest   | tive Sys       | tem.   |         |                       | And and the first state                  |
| ingivitis                           |            |        |          |                |        | <br>    | 2                     | 1-                                       |
| Caries of Teeth                     |            |        |          |                |        | <br>    | 88                    | 59                                       |
| Flossitis                           |            |        |          |                |        | <br>    | 99                    | 55                                       |
| Sore Throat                         |            |        |          |                |        | <br>    | 16                    | 7  |
| Inflammation of                     |            |        |          |                |        | <br>    | 8                     | 3  |
| Gastritis                           |            |        |          |                |        | <br>    | 11                    | 7  |
| Ulceration of St                    | omach      |        |          |                |        | <br>    | 21                    | 27                                       |
| Hæmatemesis                         |            |        |          |                |        | <br>    | . 5                   | 8  |
| Dilation of Ston                    |            |        |          | ·              |        | <br>    |                       | 4  |
| Stricture of Stor                   |            |        |          |                |        | <br>    |                       | 1  |
| Dyspepsia                           |            |        |          |                |        | <br>    | 150                   | 188                                      |
| Enteritis                           |            |        |          |                |        | <br>    | 2                     |  |
| Appendicitis                        |            |        |          |                |        | <br>    | 3                     |  |
| Colitis                             |            |        |          |                |        | <br>    | 16                    | 14                                       |
| Ulceration of In                    |            |        |          |                |        | <br>    | 16                    | 20                                       |
| Hernia                              |            |        |          |                |        | <br>    | 14                    |  |
| Diarrhœa                            |            |        |          |                |        | <br>    | 582                   | . 368                                    |
| Constipation                        |            |        |          |                |        | <br>    | 702                   | 417                                      |
| Colic                               |            |        |          |                |        | <br>    | 173                   | 123                                      |
| Hæmorrhoids                         |            |        |          |                |        | <br>    | 2                     |  |
| Prolapsus ani                       |            |        |          |                |        | <br>    | 2                     | 1  |
| Jaundice                            |            |        |          |                |        | <br>    | 3                     |  |
| Ascites                             |            |        |          |                |        | <br>    | 3                     |  |
| Pyorrhea                            |            |        |          |                |        | <br>    | 6                     | 3  |
|                                     |            |        |          | and the second |        |         |                       | 1  |
| 1                                   | Diseases ( | of the | Lymph    | atic Sy        | stem.  |         |                       | and the second                           |
| Splenitis                           |            |        |          |                |        | <br>    | 7                     | 1  |
| Inflammation of                     |            |        |          |                |        | <br>    | 6                     |  |
| Suppuration of                      | Lymphat    | ic Gla | nd       |                |        | <br>    | 9                     |  |
| 2.2                                 | Diseases   | of th  | . Unin   | www Sus        | tem.   | -       |                       | And Post Street                          |
| Acute Nonhritis                     |            |        |          | 13 01200       |        | <br>    | 5                     | · · · · · · · · · · · · · · · · · · ·    |
| Acute Nephritis<br>Bright's Disease |            |        |          |                |        | <br>    | 8                     | 4  |
| Renal Colic                         |            |        |          |                |        | <br>    | ĩ                     | A Sugaran                                |
| Ch 1212                             |            |        |          | •              |        |         | 6                     |  |
|                                     |            |        |          |                |        | <br>    | 1                     |  |
| Suppression<br>Enuresis             |            |        |          |                |        | <br>    | 6                     | 4  |
|                                     |            |        |          |                |        |         |                       | A Distantional                           |
|                                     | Diseases   | of the | Genero   | tive Sy        | stem.  |         |                       | - state of the second                    |
| Male Organs-                        |            |        |          |                |        |         | and the second second | The states                               |
| Gleet                               |            |        |          |                |        | <br>    | 3                     |  |
| Stricture                           |            |        |          |                |        | <br>    | 3                     |  |
| Prostatitis                         |            |        |          |                |        | <br>    | 7                     |  |
|                                     |            |        |          |                |        | <br>    | 2                     |  |
| Condyloma                           |            |        |          |                |        | <br>    | 16                    |  |
| Condyloma<br>Orchitis               |            |        |          |                |        |         |                       |  |
| Orchitis                            |            |        |          |                |        | <br>    | 8                     |  |
|                                     | tis        |        |          |                |        | <br>    | 8                     |  |

# TABLE VII.-continued

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### VICTORIA HOSPITAL, BATHURST—continued. RETURN OF DISEASES (OUT-PATIENTS) FOR THE YEAR 1924—continued.

|             |        |          | Di      | scases.  |        |        |    |   | Males.        | Females.                           |
|-------------|--------|----------|---------|----------|--------|--------|----|---|---------------|------------------------------------|
|             | D.:    |          |         | EASES-   |        |        |    |   | 6,145         | 3,775                              |
|             | Disea  | ses of t | he Gen  | erative  | System | -conto | 1. |   | ~             | Real Property in the second second |
|             |        |          |         |          |        | •••    |    |   | 7             |                                    |
| Phimos      |        |          |         |          |        |        |    |   | $\frac{2}{6}$ |                                    |
| Dysuri      |        |          |         |          |        |        |    |   | 7             |                                    |
| Hæmat       |        |          |         |          |        |        |    |   | 4             |                                    |
| Varico      |        |          |         |          |        |        |    |   |               |                                    |
|             |        |          | of the  | Generat  | ive Sy | stem.  |    |   |               |                                    |
| Female Org  |        | -        |         |          |        |        |    |   |               |                                    |
| Urethr      |        |          |         |          |        |        |    |   |               | 6                                  |
|             |        | at of Ut | erus    |          |        |        |    |   |               | 2                                  |
| Vagini      |        |          |         |          |        |        |    |   |               | 2                                  |
| Ameno       |        |          |         |          |        |        |    |   |               | 4                                  |
| Dysme       |        |          |         |          |        |        |    |   |               | 14                                 |
| Menor       |        |          |         |          |        |        |    |   |               | 7                                  |
| Leucor      |        |          |         |          |        |        |    |   |               | 10                                 |
| Delaye      |        |          |         |          |        |        |    |   |               | 19                                 |
| Retain      |        |          |         |          |        |        |    |   |               | 1                                  |
| Absce       |        |          |         |          |        |        |    |   |               | 11                                 |
| Pregna      | incy i | normal   |         |          |        |        |    |   |               | 12                                 |
|             | D      | liseases | of Org  | ans of   | Locom  | otion. |    |   |               |                                    |
| Osteitis    |        |          |         |          |        |        |    |   | 3             | 2                                  |
| Bursitis    |        |          |         |          |        |        |    |   | 1             |                                    |
| Synovitis   |        |          |         |          |        |        |    |   | 12            | 4                                  |
| Myalgia     |        |          |         |          |        |        |    |   | 72            | 65                                 |
| Myositis    |        |          |         |          |        |        |    |   | 11            | 14                                 |
|             |        | Diseas   | es of C | onnecti  | ve Tis | sue.   |    |   |               |                                    |
| Cellulitis  |        |          |         |          |        |        |    |   | 13            | 4                                  |
| Abscess     |        |          |         |          |        |        |    |   | 127           | 46                                 |
| Elephantia  | 1.0    |          |         |          |        |        |    |   | 1             | 1                                  |
| Ulcer       |        |          |         |          |        |        |    |   | 366           | 120                                |
| Œdema       |        |          |         |          |        |        |    |   | 82            | 39                                 |
|             |        |          | iseases |          | Skin.  |        |    |   |               |                                    |
| Urticaria   |        |          |         | ~        |        |        |    |   | 2             |                                    |
| Eczema      |        |          |         |          |        |        |    |   | 2             | 6                                  |
| Boil        |        |          |         |          |        |        |    |   | 27            | 5                                  |
| Carbuncle   |        |          |         |          |        |        |    |   | 1             |                                    |
| Herpes      |        |          |         |          |        |        |    |   | 2             | 3                                  |
| Purpura     |        |          |         |          |        |        |    |   | 1             |                                    |
| Leucoderm   |        |          |         |          |        |        |    |   | 2             |                                    |
| Tinea       |        |          |         |          |        |        |    |   | 3             | 2                                  |
| Scabies     |        |          |         |          |        |        |    |   | 45            | 31                                 |
| Prickly He  |        |          |         |          |        |        |    |   | 1             |                                    |
| Dermatitis  |        |          |         |          |        |        |    |   | 77            | 27                                 |
| Impetigo    |        |          |         |          |        |        |    |   | 11            | 4                                  |
| Pediculosis |        |          |         |          |        |        |    |   |               | 2                                  |
| Licken Pla  |        |          |         |          |        |        |    |   |               | 1                                  |
| Corn        |        |          |         |          |        |        |    |   | 1             |                                    |
| Ainhum      |        |          |         |          |        |        |    |   | 2             |                                    |
|             |        |          |         | ijuries. |        |        |    |   |               | -                                  |
| Local       |        |          |         | -        | -      | 1000   |    |   | 461           | 88                                 |
| Local       |        |          |         |          |        |        |    |   |               |                                    |
| Tumours     |        |          |         |          |        |        |    |   | 5             | 6                                  |
| Undescend   | led Fe | stule    |         |          |        |        |    |   | 2             |                                    |
| Torticollis |        |          |         |          |        |        |    |   | 13            | 8                                  |
| Parasites-  |        |          |         |          |        |        |    | - |               |                                    |
|             |        | ania Se  | olium   |          |        |        |    |   | 4             |                                    |
| Conton      |        | 'ænia Se |         |          |        |        |    |   | 10            | 4                                  |
| Nematoda    |        |          | 0       |          |        |        |    |   |               | -                                  |
| Ascar       |        |          |         |          |        |        |    |   | 766           | 943                                |
| Dracu       |        |          |         |          |        |        |    |   | 2             | 2                                  |
| Oxyu        |        |          |         |          |        |        |    |   |               | 2                                  |
| - my m      |        |          |         |          |        |        |    |   |               |                                    |
|             |        |          |         |          |        | Total  |    |   | 8,299         | 5,292                              |

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# TABLE VIII.

## BATHURST STATION.

## METEOROLOGICAL RETURN FOR THE YEAR 1924.

|           |            | Temper     | atures. |       | Rainfall.         | Winds.            |
|-----------|------------|------------|---------|-------|-------------------|-------------------|
|           | Shade Max. | Shade Min. | Range.  | Mean. | Amount in Inches. | General Direction |
| January   | <br>90     | 60         | 30      | 75.0  | To all the second | North-East        |
| February  | <br>95     | 59         | 36      | .77.0 |                   | Do.               |
| March     | <br>105    | 60         | 45      | 82.5  |                   | Do.               |
| April     | <br>97     | 60         | 37      | 78.5  | · ····            | North-West        |
| May       | <br>90     | 65         | 25      | 77.5  |                   | Do.               |
| une       | <br>95     | 69         | 26      | 82.0  | 2.98              | Do.               |
| uly       | <br>90     | 69         | 21      | 79.5  | 13.85             | Do.               |
| August    | <br>88     | 69         | 19      | 78.5  | 26.14             | Do.               |
| September | <br>92     | 68         | 28      | 80.0  | 11.96             | Do.               |
| October   | <br>90     | 70         | 20      | 80.0  | 0.79              | North-East        |
| November  | <br>90     | 66         | 24      | 78.0  | 0.74              | Do.               |
| December  | <br>88     | 50         | 38 _    | 69-0  |                   | Do.               |
| Total     | <br>1,110  | 765        | 349     | 937.5 | Inches            | Sale Subject      |
| Average   | <br>92.5   | 63.7       | 29.0    | 78.1  | 56-46             | ing the state     |

# TABLE IX.

# GEORGETOWN MACCARTHY ISLAND STATION.

METEOROLOGICAL RETURN FOR THE YEAR 1924.

|           |            | Temper     | atures. |         | Rainfall.         | Winds.            |
|-----------|------------|------------|---------|---------|-------------------|-------------------|
|           | Shade Max. | Shade Min. | Range.  | Mean.   | Amount in Inches. | General Direction |
| January   | <br>97     | 56         | 41      | 76-5    | 0.62              | Variable          |
| February  | <br>106    | 58         | 48      | 82.0    |                   | North             |
| March     | <br>109    | 65         | 44      | 87.0    |                   | Do.               |
| April     | <br>110    | 70         | 40      | 90.0    | -                 | Do.               |
| May       | <br>109    | 71         | 38      | .90.0   | 1.31              | Do.               |
| June      | <br>108    | 71         | 37      | 89.5    | 10.44             | Do.               |
| July      | <br>93     | 73         | 20      | 83-0    | 12.14             | North East        |
| August    | <br>93     | 73         | 20      | 83.0    | 10.24             | North             |
| September | <br>93     | 72         | 21      | 82.5    | 11.45             | Do.               |
| October   | <br>96     | 71         | 25      | 83.5    | 0.81              | Do.               |
| November  | <br>98     | 66         | 32      | 82.0    | -                 | Do.               |
| December  | <br>96     | 54         | 42      | 75.0    | -                 | Do.               |
| Total     | <br>1,208  | 800        | 408     | 1,004.0 | Inches            |                   |
| Average   | <br>100.6  | 66.6       | 34.0    | 83-6    | 47-01             | - snake           |

# TABLE X.

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### FINANCIAL STATEMENT .- MEDICAL DEPARTMENT

| Item. | Accounts.   | Amount<br>Estimated. | Amount A | Actual. |    |
|-------|---|----------------------|----------|---------|----|
|       |   | £                    | £        | 8.      | d  |
| 1/34  | Personal Emoluments   | 8,963                | 7,901    | 2       | 4  |
| 35    | Equipment, Nursing Sisters' Quarters                        | 30                   | 24       | 8       | 11 |
| 36    | Expenses of Burials   | 30                   | 32       | 4       |    |
| 37    | Extra Assistance in Emergency Cases                         | 30                   | 0        | 6       |    |
| 38    | Fees in Connection with Appointments to European<br>Staff   | 120                  | 126      | 12      |    |
| 39    | Fuel and Lighting   | 150                  | 69       | 1       |    |
| 40    | Horse, Motor and Bicycle Allowances                         | 210                  | 156      | 9       |    |
| 41    | Hospital Appliances, Bedding, Clothing, etc                 | 440                  | 386      | 11      |    |
| 42    | Maintenance of Home for Destitutes                          | 230                  | 102      | 15      | 1  |
| 43    | " " Lunatics at S. Leone                                    | 250                  | 239      | 0       | 1  |
| 44    | " " Sick  | 1,545                | 953      | 12      |    |
| 45    | Medical Library   | 30                   | 23       | 8       |    |
| 46    | Medicines and Vaccines                                      | 1,200                | 1,105    | 11      | 1  |
| 47    | Outfit Allowances to Medical Officer and Nursing<br>Sisters | 120                  | 120      | 0       |    |
| 48    | Sea Passages  | 370                  | 417      | 1       |    |
| 49    | Sundries  | 60                   | 52       | 11      | 1  |
| 50    | Surgical Instruments, Appliances and Dress                  | 675                  | 420      | 14      |    |
| 51    | Transport   | 130                  | 9        | 3       | 1  |
| 52    | Travelling Allowances for Protectorate Medical<br>Officer   | 183.                 | 120      | 10      |    |
| 53    | Washing, Disinfectant and Soap                              | 100                  | 61       | 19      |    |
|       | Total   | £14,866              | £12,323  | 5       | 1  |

Hospital Receipts ... £348 6s. 2d.

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# TABLE XI.

| Item No. | Accounts.                       |    |      | Amount<br>Estimated. | Amount | Actua | 1. |
|----------|---------------------------------|----|------|----------------------|--------|-------|----|
|          | Inter a state of the            |    |      | £                    | £      | 8.    | d. |
| 1/15     | Personal Emoluments             |    | <br> | 2,918                | 2,897  | 14    | 7  |
| 16       | Anti-Mosquito Measures          |    | <br> | 1,000                | 850    | 13    | 6  |
| 17       | Bicycle Allowance               |    | <br> | 8                    | 3      | 16    | 3  |
| 18       | Cleaning of Streets and Drains  |    | <br> | 1,940                | 1,855  | 10    | 9  |
| 19       | Cleaning Market, etc            |    | <br> | 180                  | 174    | 13    | 1  |
| 20       | ,, of Cemeteries                |    | <br> | 115                  | 110    | 10    | 0  |
| 21       | " of Government Compou          | nd | <br> | 250                  | 239    | 9     | 6  |
| 22       | Expenses of Working Sluice Gate | es | <br> | 100                  | 100    | 0     | 0  |
| 23       | Fees to Vaccinators             |    | <br> | 300                  | 26     | 12    | 0  |
| 24       | Infectious Diseases Prevention  |    | <br> | 250                  | 205    | 7     | 0  |
| 25       | Latrine Pails and Dustbins      |    | <br> | 145                  | 172    | 17    | 1  |
| 26       | Mangrove Cutting                |    | <br> | 50                   | 50     | 0     | 0  |
| 27       | Rat Traps and Poison, etc       |    | <br> | 50                   | 65     | 3     | 5  |
| 28       | Sanitary Night Service          |    | <br> | 1,032                | 942    | 16    | 8  |
| 29       | Sea Passages                    |    | <br> | 165                  | 179    | 0     | 0  |
| 30       | Sundries                        |    | <br> | 10                   | 7      | 4     | 2  |
| 31       | Tools                           |    | <br> | 65                   | 48     | 15    | 1  |
| 32       | Transport                       |    | <br> | 80                   | 8      | 10    | 0  |
| 33       | Upkeep of Horses and Carts      |    | <br> | 595                  | 579    | 1     | 6  |
| 34       | " " Street Lights …             |    | <br> | 415                  | 337    | 4     | 2  |
|          | Total                           |    | <br> | £9,668               | £8,847 | 14    | 7  |

# FINANCIAL STATEMENT .-- PUBLIC HEALTH DEPARTMENT.

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Sanitary Service ... ... £448 15s. 0d.

--- WATERLOW AND SONS LIMITED, LONDON, DUNSTABLE AND WATFORD .---



