

**Medical report on health and sanitary conditions, 1925-1928 : 1927 /
Northern Rhodesia.**

Contributors

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Northern Rhodesia.

MEDICAL REPORT

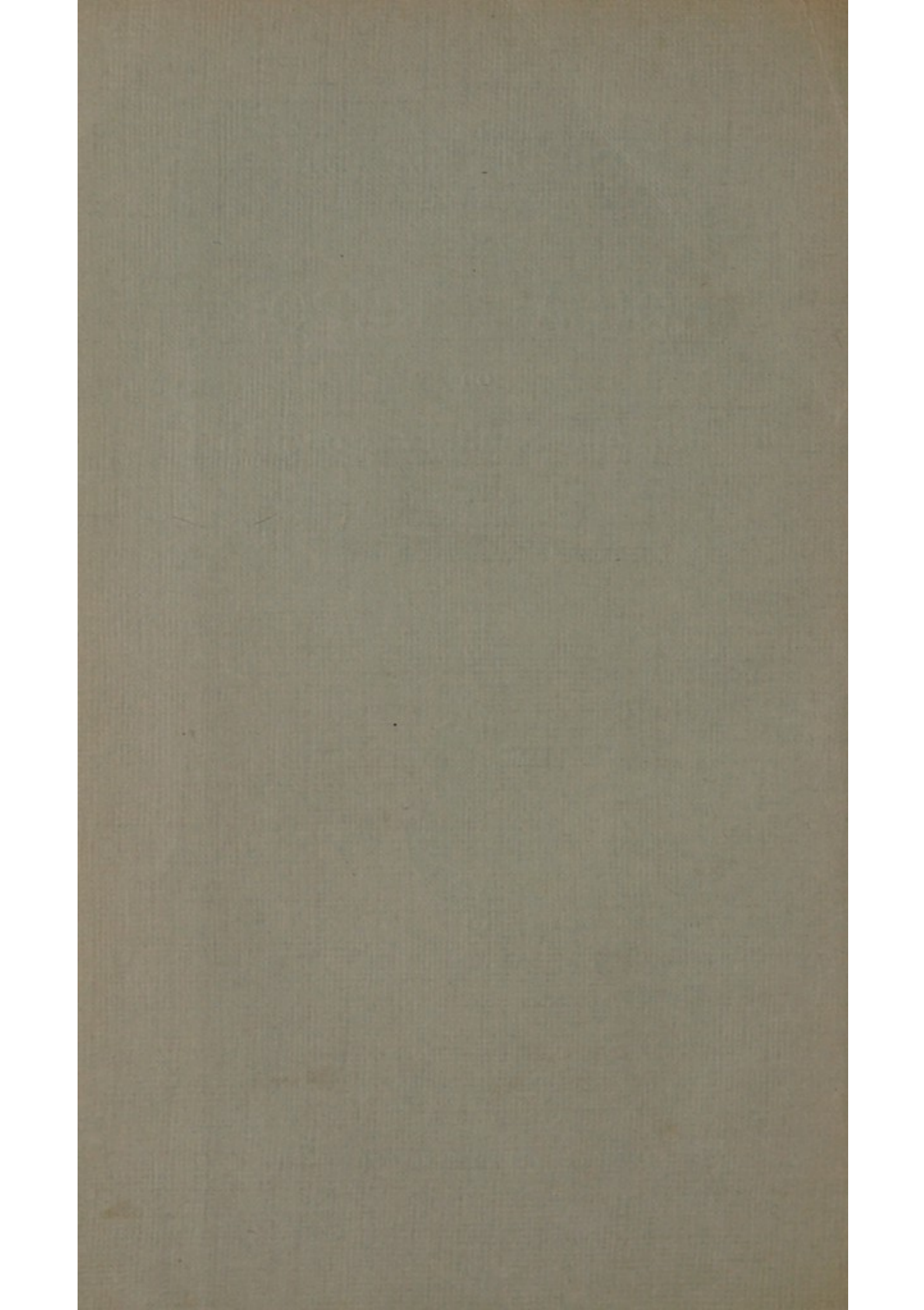
on

Health and Sanitary Conditions

for the year 1927.



LIVINGSTONE :
PRINTED BY THE GOVERNMENT PRINTER,
1928.



NORTHERN RHODESIA.

MEDICAL REPORT OF HEALTH AND SANITARY CONDITIONS FOR THE YEAR 1927.

SECTION I.—ADMINISTRATION.

(a) Staff (as at 31-12-27).

EUROPEAN.

- Principal Medical Officer.
- 14 Medical Officers.
- 2 Medical Officers (subsidised).
- 1 Secretary to Principal Medical Officer.
- 1 Dispenser and Clerk.
- 1 Lady Clerk.
- 3 Matrons.
- 17 Nurses.

AFRICAN.

- 2 Native Clerks at Headquarters.
- 1 Native Clerk and Store Assistant at Headquarters.
- 1 Laboratory Assistant at Headquarters.
- 1 Native Clerk at Broken Hill.
- 90 Orderlies and Ward Attendants.
- 74 Other Servants.
- 14 Messengers.
- 4 Sleeping Sickness Guards.
- 14 Vaccinators.
- 32 Labourers.

The number of Vaccinators is continually varying according to requirements. During the latter part of the year their numbers had to be increased on account of various outbreaks of small-pox. Normally three or four meet requirements.

APPOINTMENTS, CHANGES, ETC., IN STAFF.

Dr. N. D. Sanderson was appointed Medical Officer	...	...	...	13-1-27
Dr. T. R. F. Kerby was appointed Medical Officer	...	...	...	4-3-27
Miss A. Ottiwell was appointed Nurse	...	...	...	7-4-27
Miss E. Bowyer was appointed Nurse	...	...	...	23-3-27
Miss L. Wooley was appointed Nurse	...	...	...	19-5-27
Miss E. Hodnett was appointed Nurse	...	...	...	14-7-27
Miss W. S. C. Matthews was appointed Nurse	...	...	...	22-9-27
Miss M. E. Riddle was appointed Nurse	...	...	...	8-9-27

RESIGNATIONS, RETIREMENTS, ETC.

Dr. C. F. Giddy concluded his temporary employment	...	...	...	7-3-27
Miss I. A. Hardman resigned	...	...	...	4-3-27
Miss R. E. Alcock resigned	...	...	...	10-6-27
Miss K. T. Hoste resigned	...	...	...	10-8-27
Miss O. M. Newbold resigned	...	...	...	14-8-27
Dr. H. F. Wilson temporarily employed for one month concluded his employment	...	...	...	30-6-27

LEAVE.

	From	To
Dr. P. H. Ward	26-6-27	23-11-27
Dr. A. Kinghorn	1-1-27	1-7-27
Dr. W. J. Sheehan	4-5-27	6-11-27
Dr. J. D. Harmer	28-1-27	6-9-27
Dr. G. M. C. Powell	1-1-27	18-1-27
Dr. J. A. Acheson	1-1-27	19-6-27
Dr. H. A. Gilkes, M.C.	25-12-27	31-12-27
Mr. A. Douglas	1-1-27	4-1-27
Miss I. A. Hardman	1-1-27	4-3-27
Miss H. B. G. Eastland	9-5-27	31-12-27
Miss M. Roden	8-5-27	28-10-27
Miss M. A. A. G. Goodyear	1-1-27	20-4-27

DISTRIBUTION OF STAFF.

LIVINGSTONE	...	Principal Medical Officer. 3 Medical Officers. Secretary to Principal Medical Officer. Dispenser. Lady Clerk. Matron. 4 Nurses.
LUSAKA	...	Medical Officer, Matron, 3 Nurses.
BROKEN HILL	...	Medical Officer, Matron, 5 Nurses.
FORT JAMESON	...	Medical Officer, 2 Nurses.
MONGU	...	Medical Officer, 1 Nurse.
KASAMA	...	Medical Officer, 1 Nurse.
MAZABUKA	...	Medical Officer.
FORT ROSEBERY	...	Medical Officer.
SOLWEZI	...	Medical Officer.
ABERCORN	...	Medical Officer.
CHOMA	...	Medical Officer.

STAFF POSTINGS (MEDICAL OFFICER), 1927.

The Principal Medical Officer was in Livingstone, except whilst on tour through North-Western Stations during November and December.

Dr. P. H. Ward was stationed at Livingstone except during the time absent on leave.

Dr. H. Leach was stationed at Fort Rosebery throughout the year.

Dr. A. F. Wallace, M.C., was stationed at Broken Hill throughout the year.

Dr. A. Kinghorn was stationed at Abercorn on his return from leave until the end of the year with the exception of short relieving duty at Broken Hill.

Dr. R. R. Murray was stationed at Kasama throughout the year.

Dr. W. J. Sheehan was stationed at Mongu except during absence on leave.

Dr. J. D. Harmer was stationed at Livingstone after his return from leave.

Dr. G. M. C. Powell was stationed at Lusaka after his return from leave.

Dr. J. A. Acheson was stationed at Livingstone on his return from leave until his departure for Fort Jameson, 7-12-27.

Dr. H. A. Gilkes, M.C., was stationed at Fort Jameson until his departure for leave in December.

Dr. J. A. McGregor, D.F.C., was stationed at Livingstone until his transfer to Choma, 22-11-27.

Dr. P. B. Robinson was at Solwezi throughout the year.

Dr. N. D. Sanderson was stationed at Livingstone and Mazabuka temporarily after arrival on appointment; then to Mongu until 3-12-27; and at Livingstone from 15-12-27 until the end of the year.

Dr. T. R. F. Kerby was stationed at Mazabuka from date of appointment until the end of the year.

SECTION I (b).

LIST OF ORDINANCES AFFECTING PUBLIC HEALTH ENACTED DURING THE YEAR 1927.

The only Ordinance passed during the year having any bearing on the above was No. 23 of 1927: "An Ordinance to provide for the detention of lunatics and suspected lunatics and to regulate the law relating to lunacy in the Territory."

SECTION I (c).—FINANCIAL.

CALENDAR YEAR 1927.

The following figures have been provided by the Treasury:

Total Revenue of Colony	£476,588
--------------------------------	----------

HEALTH VOTE REVENUE.

Hospital Fees, all sources	£7,279
Medical Subsidies	4,187
Sale of Drugs, including Veterinary Dept. sale of Vaccines	462
	<u>£11,928</u>

EXPENDITURE.

Personal Emoluments	£24,304
Other Charges	20,643
	<u>£44,943</u>

Health Vote Expenditure = 9.4% of Total Revenue of Colony.

SECTION II.—PUBLIC HEALTH.

A.—GENERAL REMARKS.

The following table shows the number of cases treated in hospitals during the years 1925, 1926 and 1927 :

	1925		1926		1927	
	<i>In-</i> <i>patients</i>	<i>Deaths</i>	<i>In-</i> <i>patients</i>	<i>Deaths</i>	<i>In-</i> <i>patients</i>	<i>Deaths</i>
Europeans...	697	27	778	28	923	27
Natives ...	5,610	309	6,534	326	7,400	417

Very little actual out-patient treatment of Europeans takes place at hospitals, the majority undergoing treatment either as in-patients or in their own homes, and complete records are not available.

The general case mortality rates are :

				1925	1926	1927
Europeans ...	...	...	...	3.80%	3.60%	2.92%
Natives ...	...	...	...	5.50%	5.00%	5.60%

The following is a summary of the infectious disease notifications during the year :

				European		Native	
				Cases	Deaths	Cases	Deaths
Small-pox ...	...	...	...	2	—	1,239	282
Diphtheria ...	...	...	...	2	—	1	—
Membranous Croup ...	...	...	...	—	—	—	—
Whooping Cough ...	...	...	...	1	—	2	—
Measles ...	...	...	...	61	—	71	—
Erysipelas ...	...	...	...	—	—	—	—
Epidemic Cerebro-Spinal Meningitis ...	...	...	...	—	—	22	19
Scarlet Fever ...	...	...	...	2	—	—	—
Enteric Fever ...	...	...	...	15	2	14	5
Relapsing Fever ...	...	...	...	1	—	19	1
Undulant Fever ...	...	...	...	—	—	—	—
Puerperal Fever ...	...	...	...	—	—	—	—
				84	2	1,368	307

I.—GENERAL DISEASES.

PELLAGRA.

Seventeen cases came under treatment, of which 15 were prisoners, namely :

					Cases	Deaths
Livingstone Gaol	...	...	...	...	6	1
Fort Jameson Gaol	...	...	...	...	5	—
Broken Hill Gaol	...	...	...	...	4	—

One of the remaining cases occurred at Fort Jameson, the other at Lusaka.

II.—COMMUNICABLE DISEASES.

(a) *Insect Borne.*

SLEEPING SICKNESS.

Mweru-Luapula and Tanganyika Areas (Gl. Palpalis).—The position is the same as that reported for 1926 ; no cases have been reported.

Luangwa Valley Area.—Twenty-two cases of the disease were admitted to the Fort Jameson Native Hospital from the population moved from the Mwangazi Area following the 1926 outbreak. Eight of these cases proved fatal, the remainder, with one exception, are reported to be still well in their villages. Isolated deaths from presumed sleeping sickness were reported from the Luangwa Valley. There does not appear to have been any repetition of the localised outbreaks which have occurred in previous years. One case infected in the Luangwa Valley was treated at Kasama.

A rather disquieting fact has come to light ; this is the occasional extreme chronicity of this variety of the disease (*T. Rhodesiense*). A native returning from a year's employment in a fly-free area in Southern Rhodesia some fifteen months after leaving an infected locality was found to be infected. The records of the previous twelve months showed that he had been in good health until shortly before he came under treatment. A European also was treated for the disease in a chronic form. This type of case may provide an unrecognised and constant source of infection for the fly.

MALARIA AND BLACKWATER FEVER (EUROPEAN).

No accurate figures as to the incidence of this disease can be provided. The position is however to some extent reflected by hospital admissions which for the years 1924 to 1927 are shown in the following table :

	1924		1925		1926		1927	
	Ma-laria	Black-water Fever	Ma-laria	Black-water Fever	Ma-laria	Black-water Fever	Ma-laria	Black-water Fever
Livingstone ...	66	3	100	6 *1	94	9 *3	90 *2	1
Lusaka ...	21	2	54 *1	2 *1	73 *1	3	76 *2	8 *4
Broken Hill ...	33	1	55	5	72	9 *4	92 *1	6 *1
Fort Jameson ...	1	—	2	—	19	—	13 *1	5
Kasama ...	5	1	—	—	4	—	1	—
Mongu ...	1	—	—	—	—	—	—	—
Totals ...	127	7	211	13	262	21	272	20

*Deaths.

The increase in admissions to hospital for these diseases when compared with the increase of population over the same period undoubtedly show an improvement in the incidence rate.

A considerable portion of the malarial incidence is due to an influx of new population ignorant of local conditions, for the most part transitory and unwilling to take the simple precautions necessary to ensure freedom from the disease, and it is probable that the actual malarial incidence amongst the settled population is lower than it is amongst the class of population above referred to.

It is worthy of record that most satisfactory results have been obtained by blood transfusion in that type of Blackwater Fever characterised by acute anaemia accompanied by pyrexia following the acute state of the disease, and which is otherwise generally fatal.

INFLUENZA.

Is still endemic throughout the Territory. It is of a mild type and rarely assumes epidemic proportions. Its persistence at Broken Hill and its peculiar complications or sequelae there have frequently been reported on. The incidence, case rate and mortality rate of these complications at Broken Hill are shown in the following table :

TABLE SHOWING INCIDENCE AND MORTALITY OF INFLUENZA, 1923 TO 1927, AT BROKEN HILL.

	1923				1924				1925				1926				1927			
	Num- of Cases	Mor- tality	Cases Inci- dence	Num- of Cases	Mor- tality	Cases Inci- dence	Num- of Cases	Mor- tality	Cases Inci- dence	Num- of Cases	Mor- tality	Cases Inci- dence	Num- of Cases	Mor- tality	Cases Inci- dence	Num- of Cases	Mor- tality	Cases Inci- dence		
Influenza ...	990	3.6%	—	1,183	4.4%	—	610	6.4%	—	411	5.1%	22.8%	756	3.83%	39.0%					
Pneumonia ...	94	22.3%	8.3%	131	30.5%	9.5%	54	38.8%	8.0%	172	1221%	9.54%	114	21.9%	5.8%					
Splenic Abscess ...	31	70.0%	2.7%	48	43.7%	3.5%	10	40.0%	1.47%	15	46.6%	.83%	5	40.0%	.26%					
Cerebral-Thrombosis	14	71.0%	1.2%	6	50.0%	0.43%	6	83.3%	0.88%	1	100%	.05%	—	—	—					
Totals ...	1,129			1,368			680			599			875							

In comparison with last year there has been a considerable increase in the incidence rate of the primary disease and a marked decrease in the incidence rate of the three main complications.

YAWS.

Treatment with Bismuth and Sodium Tartrate has been continued throughout the Territory with excellent results. Natives in most districts where the disease exists are now taking advantage of the opportunities offered for treatment.

The disease is reported to be steadily diminishing in the Solwezi Sub-District despite the many set-backs experienced, mainly through lack of food.

The Medical Officer, Solwezi (Dr. P. B. Robinson), in reporting on this treatment states: "It can now be said definitely that primary and secondary cases do not relapse. Tertiary cases do not show the same results, healing is usually a tedious process, and indeed sometimes does not take place. Many cases would benefit by surgical interference. In some chronic cases Neosalvarsan was used with good results. Potassium Iodide is also used in selected cases with doubtful results."

It is hoped that more facilities for the treatment of this disease in outlying districts will be possible by means of the employment of travelling Native Orderlies.

A total of 2,084 cases came under treatment throughout the Territory during the year.

SMALL-POX.

Outbreaks of this disease were reported from many parts of the Territory, many of these when investigated proved to be chicken-pox, and some kaffir-pox or Amaas, there was however a very wide distribution of small-pox from which a total of 282 deaths resulted.

Vaccination was extensively carried out in the various districts affected; 196,010 vaccinations have been reported.

Many instances of Amaas were reported in persons recently vaccinated.

LEPROSY.

The following table shows the number of cases reported to December 31st, 1927, as well as their distribution:

					1926	1927	Total
Livingstone	...	...	...	...	241	219	460
Sesheke	...	...	...	...	98	10	108
Lealui ...	...	...	...	...	138	24	162
Nalolo ...	...	...	...	...	76	33	109
Lukona	...	...	...	...	177	—	177
Balovale	...	...	...	...	92	—	92
Kalomo	...	...	...	...	65	129	194
Namwala	...	...	...	...	239	—	239
Chilanga	...	...	...	...	30	—	30
Mumbwa	...	...	...	...	58	—	58
Guimbi ...	...	...	...	...	209	—	209
Ndola ...	...	...	...	...	62	60	122
Solwezi ...	...	...	...	...	22	—	22
Kasempa	...	...	...	...	20	6	26
Feira ...	...	...	...	...	136	—	136
Abercorn	...	...	...	...	84	68	152
Isoka ...	...	...	...	...	44	—	44
Mpika ...	...	...	...	...	82	53	135
Kawambwa	...	...	...	...	80	45	125
Mkushi ...	...	...	...	...	27	—	27
Kalabo ...	...	...	...	...	369	67	436
Mankoya	...	...	...	...	89	3	92
Fort Jameson	...	...	...	...	16	55	71
Broken Hill and Mwomboshi	...	...	...	...	123	17	140
Fort Rosebery	...	...	...	...	223	6	229
Kasama...	...	...	...	...	31	29	60
Chinsali	...	...	...	...	3	7	10
Serenje ...	...	...	...	...	43	9	52
Luwingu	...	...	...	...	91	14	105
Chiengi ...	...	...	...	...	135	—	135
Mporokoso	...	...	...	...	103	8	111
Mwinilunga	...	...	...	...	2	7	9
Mazabuka	...	...	...	...	—	4	4
Lundazi...	...	...	...	...	—	15	15
							4,096

These figures are incomplete. They do not represent the full extent of the disease. It is thought that an effective leprosy survey of the Territory would at least double them.

Compulsory segregation has not been attempted, nor is it thought desirable or necessary.

Voluntary segregation as carried out in India seems to give the greatest prospect of success. It is hoped that as soon as funds are available this method combined with the establishment of

treatment centres for early cases will be attempted in co-operation with the Missionary Societies.

This matter was fully discussed at a meeting of the General Missionary Conference held at Livingstone in July, 1927, when the fullest co-operation was promised by the representatives of every Society present. The necessary funds are however not yet available.

THE ENTERIC GROUP.

The following shows the distribution of hospital cases for the past two years :

	1926		1927		Deaths	
	European	Native	European	Native	European	Native
Livingstone	8	14	15	4	2	2
Broken Hill	4	6	1	8	1	3
Lusaka ...	2	—	—	—	—	—
	—	—	—	—	—	—
Totals ...	14	20	16	12	3	5
	==	==	==	==	==	==

In addition at Livingstone there were treated outside hospital, diagnosed as paratyphoid : 1926, 7 cases ; 1927, 8 cases.

A great many of these cases were diagnosed by purely clinical methods. During 1928 there have been several cases which clinically were diagnostic of typhoid or paratyphoid, and in which this diagnosis could not be confirmed by laboratory methods. It is probable that some of the cases occurring in the previous year were similar to these.

(C.)—HELMINTHIC DISEASES.

ANKYLOSTOMIASIS.

This disease is widely distributed, and it is not possible with the existing staff to institute intensive treatment except in restricted areas. In the last Annual Report it was stated that the routine examination of a single stool by the flotation method in 193 native patients, irrespective of disease in the Livingstone Hospital showed *Ankylostoma* ova in 158, *i.e.*, in 89.9 per cent.

The results of the past year do not differ materially from this figure.

BILHARZIOSIS.

It is impossible to state with any accuracy to what extent this disease is prevalent but its incidence is thought to be slight except in the population living in proximity to the Borders of Portuguese East Africa and in the Kasempa District.

Vital Statistics.

(I.)—GENERAL NATIVE POPULATION.

Estimated native population, 1,237,486.

Total births and birth rates—no statistics available.

Total deaths and death rates—no statistics available.

Registration is not compulsory.

It is not possible to prepare any tables of vital statistics owing to lack of necessary data.

No further statistics on the subject of native infantile mortality have been available since those included in the Report for 1925-26.

The native population appears to have increased by 96,844 since 1926 or 8.49 per cent.

GENERAL EUROPEAN POPULATION & VITAL STATISTICS.

The European population for 1927 is stated to be 7.275, an increase of 1,694 on the year 1926, equivalent to 33.5 per cent. increase on that year.

The number of deaths registered in 1927 was 72 or 10 more than in 1926. It appears from the Registrar's returns that the deaths as stated in any particular year are those registered in such year and this produces a slight error in statistics which, however, averages up in successive years. It is known that one death included in the figure for 1927 occurred early in 1926 but registration was not effected until 1927.

The death rate for the year on the population of 7.275 is 9.89 per 1,000, as compared with the corrected death rate of 11.1 per 1,000 for 1926. The death rate for 1927 is very near to that of 1924 which was 9.04 per 1,000 and the lowest yet recorded in the Territory.

INFANTILE MORTALITY.

Eighteen infants under one year of age died during 1927, representing 125 per thousand on the total births during the year. This is a considerable increase as compared with 1926 when the number of deaths was seven and the rate per 1,000 births was 49.3.

The causes of death were :

Malaria	...	...	...	...	...	4
Enteritis	...	...	...	...	...	4
Teething and Convulsions	...	...	...	...	...	3
Premature birth	...	...	...	...	...	2
Pneumonia	...	...	...	...	...	2
Dysentery	...	...	...	...	...	1
Spinal Meningitis...	...	...	...	...	...	1
Unknown	...	...	...	...	...	1
						—
						18
						==

The following table shews the causes of deaths and the percentage to total from each cause. The causes are as given in the Registrar's returns and the classification is given as far as possible in accordance with the list of diseases in Model Miscellaneous No. 375.

TABLE I (1927).

Causes of Deaths						No.	Percentage to Total
1.	Enteric Fever	...	...	...	...	2	2.77
5.	Malaria	...	...	...	...	8	11.10
5e.	Blackwater	...	...	...	...	9	12.50
16.	Dysentery	...	...	...	...	4	5.50
31.	Tuberculosis	...	...	...	...	1	1.39
	Miner's Phthisis	...	...	...	...	1	1.39
45.	Rectal Cancer	...	...	...	...	1	1.39
49.	Cancer	...	...	...	...	3	4.16
69.	General Debility	...	...	...	...	1	1.39
71.	Meningitis	...	...	...	...	1	1.39
74.	Cerebral Embolism	...	...	...	...	2	2.77
80.	Teething and Convulsions	...	...	...	...	5	6.94
90.	Heart affections	...	...	...	...	4	5.50
99.	Bronchitis	...	...	...	...	1	1.39
100.	Broncho-Pneumonia	...	...	...	...	3	4.16
101.	Pneumonia	...	...	...	...	7	9.68
113.	Diarrhoea and Enteritis	...	...	...	...	4	5.50
117.	Appendicitis	...	...	...	...	1	1.39
124.	Jaundice	...	...	...	...	1	1.39
153.	Cellulitis	...	...	...	...	1	1.39
161.	Premature Birth	...	...	...	...	2	2.77
165—174.	Suicide	...	...	...	...	5	6.94
184—188.	Various accidents	...	...	...	...	3	4.16
194.	Sunstroke	...	...	...	...	1	1.39
204.	Unknown	...	...	...	...	1	1.39
						72	

TABLE II.

SHOWING DEATH-RATES PER 1,000 FROM MALARIA, BLACKWATER
FEVER, TOTAL CLIMATIC AND TOTAL ALL CAUSES
FOR 20 YEARS.

Year			Total Climatic	Black- water	Malaria	Total all causes
1907-08	...	...	32.00	22.20	.8.20	49.80
1908-09	...	...	11.29	11.29	—	24.28
1909-10	...	...	23.30	18.20	3.80	37.42
1910-11	...	...	8.40	7.70	1.80	27.87
1911-12	...	...	10.50	6.60	3.60	25.20
1912-13	...	...	10.50	5.70	2.60	23.68
1913-14	...	...	8.69	6.08	2.60	18.70
1914-15	...	...	6.60	5.70	.40	20.40
1915-16	...	...	9.28	4.64	1.85	18.11
1916-17	...	...	5.08	3.23	.92	18.93
1917-18	...	...	3.75	2.08	.83	17.80
1918-19	...	...	5.20	2.00	2.40	28.40
1919-20	...	...	2.80	2.40	—	12.80
1920-21	...	...	5.80	2.70	1.80	15.40
1921-22	...	...	4.12	2.75	.82	14.30
1922-23	...	...	5.20	3.40	1.05	13.42
1924 ...	...	...	2.70	1.80	.45	9.04
1925 ...	...	...	2.82	1.52	1.30	13.70
1926 ...	...	...	2.86	2.14	.71	11.10
1927 ...	...	...	2.88	1.23	1.10	9.89

EUROPEAN DEATHS SHOWING AGE PERIODS.

	0-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	Un- known	Total
1925	15	5	1	6	4	5	19	5	1	1	1	63
1926	7	5	1	5	6	12	14	5	—	3	4	62
1927	18	4	3	7	9	7	13	4	5	—	2	72

BIRTHS.

There were 144 European births during the year 1927, *viz.*: 70 males and 74 females, giving a crude birth rate of 19.79 per 1,000.

The figures for 1926 were 69 males and 73 females, a total of 142 and crude birth rate of 25.4 per 1,000.

EUROPEAN OFFICIALS.

The general health of European officials was satisfactory. The following table shews general increase under each heading over 1926 but this is partly due to increased staff and also to more complete records.

There were four deaths during 1926, caused as follows :

Gunshot wound	...	...	...	...	1
Enteric fever	...	...	...	...	1
Pneumonia	...	...	...	...	1
Abscess of brain	...	...	...	...	1
					4
					4

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

	1925	1926	1927
Total number of officials resident	330.00	369.00	429.00
Average number resident	275.00	308.00	372.00
Total number on sick list	55.00	54.00	72.00
Total number of days on sick list	466.00	735.00	1,054.00
Average daily number on sick list	1.27	2.01	2.88
Percentage of sick to average number resident	20.00	17.50	19.30
Average number of days on sick list for each patient	8.32	13.60	14.60
Average sick time to each resident	1.69	2.38	2.83
Total number invalided	3.00	—	2.00
Percentage of invalidings to each resident	.91	—	.46
Total deaths	4.00	1.00	4.00
Percentage of deaths to total residents	1.21	.27	.93
Percentage of deaths to average number resident	1.45	.32	1.07
Number of cases of sickness contracted away from residence...	Not known		

NOTE.—Periods spent on sick leave are not included under total number of days on sick list.

NATIVE OFFICIALS.

No register B, as mentioned in the model report (Miscellaneous 375) appears to be kept and therefore it is not possible to compile the above table for native officials.

SECTION III.

Hygiene and Sanitation.

A.—PRESENT CONDITION.

Remains the same as reported in my Report for 1926-27. There is no purely sanitary service and funds so far have not been available for the appointment of a Sanitation Officer. A Public Health Ordinance is to be introduced shortly.

(I).—PREVENTIVE MEASURES.

VACCINATION.

A considerable increase has been made in the number of vaccinations which so far as can be ascertained appear to be about 80 per cent. successful.

The numbers vaccinated during the past three years were :

Districts	1925	1926	1927
Barotseland	28,625	19,753	275
Kasama	21,483	890	9,277
Mweru-Luapula	9,275	25,212	47,986
Broken Hill, Lusaka and Ndola	3,261	1,269	15,642
Solwezi and Kasempa	13,230	3,674	2,316
Mwinilunga	—	4,500	—
Chinsali	—	13,429	15,406
Mpika	—	2,923	—
Luwingu	—	18,397	998
Mporokoso	—	—	8,303
Abercorn	—	—	2,201
Livingstone	—	—	3,946
Choma	—	—	17,795
Mazabuka	—	—	71,865
Totals	75,874	90,047	196,010

An average of 5.4 persons were vaccinated with each tube at a cost of under one penny per head, exclusive of incidental expenses, *e.g.*, wages, transport, etc. The total cost per head is roughly 2d.

III.—SCHOOL HYGIENE.

Medical Inspection of Schools.—It was stated in the last report that medical inspection has been carried out at each school by the local medical officer and that there were certain disadvantages connected with this method. Provision has now been made for the retention of the part time services of a Medical Inspector of Schools, and so secure the special qualifications necessary.

The general health of school children is good.

The chief recommendations made as to treatment were for tonsils and adenoids. Regular instructions in anti-malarial measures and quinine prophylaxis are given at all schools.

SCHOOL DENTAL INSPECTION AND TREATMENT.

All schools are regularly inspected by the School Dental Surgeon and treatment is provided but unfortunately although every encouragement is offered this facility is not taken advantage of by parents to anything like the extent which it should be.

SECTION IV.—LABOUR CONDITIONS.

RECRUITMENT AND REPATRIATION OF NATIVE LABOUR.

This subject was very fully dealt with from its health aspects in the last Report. There is nothing further to add to the report then made.

MINES.

MEDICAL AND COMPOUND INSPECTION.

The hygiene and sanitation of native compounds and the diet and general welfare of native labourers has continued to be satisfactory. The improvement in housing expected concurrently with the establishment of more proved and settled conditions is not however as rapid as was expected. Many properties are still in the prospecting stage but on the settled and well-established properties the type of native dwelling provided still leaves much to be desired, and the adoption of an approved and standardised type would be a material advantage. Hygienic dwellings are required. These cannot be provided in the form of thatched huts with mud floors and mud-lined walls. The type advocated is preferably a square hut, dimensions 11 ft. by 11 ft. by 12 ft., built of Kimberley or burnt brick with iron roof, sufficient window space and cement floor and cement lined walls. This will provide sufficient cubic space for three occupants. It lends itself to easy cleansing and disinfection when necessary. The unhygienic hut is thought to be very largely instrumental in the spread of pneumonia.

Housing, food, drinking water and sanitary arrangements are supervised by selected members of the District Administration Staff. Periodical inspections are also made by a Government Medical Inspector.

The following tables show the incidence of sickness and the mortality rates of native employees on these mines :

BROKEN HILL (1927) : Average number employed, 3,549.

Disease	Total Sick	Total Deaths	Case Mortality per cent.	Sickness incidence rate per mille employed	Death rate per mille employed
Malaria	1	—	—	.28	—
Enteric	7	2	28.50	1.97	.56
Syphilis	15	—	—	4.20	—
Pneumonia	74	21	28.37	20.80	5.90
Dysentery	11	7	63.60	3.10	1.97
Tropical Ulcer	35	—	—	9.86	—
Diarrhoea	19	—	—	5.30	—
Abscess	17	—	—	4.80	—
Influenza	481	9	1.87	135.50	2.53
Minor Accidents	189	—	—	53.20	—
Major Accidents	4	3	75.00	1.12	.84
Tuberculosis	3	3	100.00	.84	.84
Other Diseases	196	10	5.10	55.20	2.80
Total	1,052	55	5.22	296.00	15.50

Deaths from " Other Diseases " were :

Intestinal Thrombosis	...	...	...	1
Tubercular Peritonitis	...	...	...	1
Splenic Abscess	...	...	...	2
Onyala	...	...	...	1
Pleurisy...	...	...	...	1
Unknown	...	...	...	4

10

BWANA M'KUBWA (1927) : Average number employed, 1,406.

Disease	Total Sick	Total Deaths	Case Mortality per cent.	Sickness incidence rate per mille employed	Death rate per mille employed
Malaria	381	—	—	271.00	—
Influenza	147	7	4.80	104.50	4.97
Pneumonia	14	4	28.57	10.00	2.84
Dysentery	1	—	—	.71	—
Other Intestinal Diseases	1	1	100.00	.71	.71
Tuberculosis	1	1	100.00	.71	.71
Other Chest Diseases	1	1	100.00	.71	.71
Tropical Ulcer	2	—	—	1.42	—
Syphilis	9	—	—	6.40	—
Debility	3	2	66.60	2.13	1.42
Major Accidents	11	3	27.20	7.82	2.13
Minor Accidents	121	—	—	86.00	—
Other Diseases	310	9	2.90	220.00	6.40
Total	1,002	28	2.79	712.00	20.00

N'CHANGA MINE (1927): Average number employed, 1,090.
(Including Contractors' labourers for 5 months.)

Disease	Total Sick	Total Deaths	Case Mortality per cent.	Sickness incidence rate per mille employed	Death rate per mille employed
Pneumonia	23	11	48.00	21.00	10.00
Dysentery	7	2	28.50	6.40	1.83
Influenza	26	—	—	23.80	—
Malaria	30	2	6.60	27.50	1.83
Syphilis	3	—	—	2.75	—
Tropical Ulcers	2	—	—	1.83	—
Conjunctivitis	4	—	—	3.67	—
Yaws	1	—	—	.91	—
Myalgia	1	—	—	.91	—
Arthritis	1	—	—	.91	—
Abscess	2	—	—	1.83	—
Diarrhoea	3	—	—	2.75	—
Other Diseases	239	1	.41	219.00	.91
Major Accidents	8	1	12.50	7.35	.91
Minor Accidents	158	—	—	145.00	—
Total	508	17	3.34	466.00	15.60

The one death under other diseases was from haemorrhage of bladder.

ROAN ANTELOPE MINE (1927): Av'ge number employed, 1,448.

Disease	Total Sick	Total Deaths	Case Mortality per cent.	Sickness incidence rate per mille employed	Death rate per mille employed
Pneumonia	92	40	43.40	63.50	27.60
Malaria	142	2	1.41	98.10	1.38
Dysentery	3	2	66.60	2.07	1.38
Heart Disease	2	2	100.00	1.38	1.38
Chest Complaints	65	—	—	44.80	—
Syphilis	2	—	—	1.38	—
Diarrhoea	12	—	—	82.90	—
Debility	1	—	—	.69	—
Other Diseases	275	6	2.18	190.00	4.14
Major Accidents	5	3	60.00	3.45	2.07
Minor Accidents	522	—	—	360.00	—
Totals	1,121	55	4.90	774.00	38.00

The comparison between the sickness incidence from Malaria at Broken Hill and at Bwana M'Kubwa is remarkable, *i.e.*, 0.28 as against 271 per 1,000. The figures for 1926 differed to an approximately similar extent, *i.e.*, Nil as against 240 per 1,000. The death rate for this disease at Bwana M'Kubwa has however fallen from 6.27 per 1,000 in 1926 to Nil in 1927. The number of cases of Influenza at Broken Hill as well as the total deaths, sickness incidence, and death rate, are all approximately double the figures for 1926. This disease which was not reported from Bwana M'Kubwa during 1926 was prevalent in 1927 with a high mortality rate.

The incidence of Pneumonia was considerably higher at Broken Hill during 1927 than during 1926 : 20.8 as against 7.4 per 1,000. This is at first sight to be expected following the marked increase in the incidence and severity of Influenza, but on the other hand at Bwana M'Kubwa the incidence rate of Influenza went up from Nil in 1926 to 104.5 per 1,000 in 1927, while the incidence rate of Pneumonia dropped from 34.5 in 1926 to 10 per 1,000 in 1927. Both the incidence rate, 63.3, and the mortality rate, 27.6 per 1,000, at the Roan Antelope were exceptionally high.

SECTION IV.—PORT HEALTH WORK AND ADMINISTRATION.

MPULUNGU (LAKE TANGANYIKA).

Rules have been drafted for the sanitary control of the surveyed area in connection with this which is the only port, and for the appointment of a Port Health Officer. These will shortly come into operation.

SECTION V.—MATERNITY AND CHILD WELFARE.

A Clinic, for Europeans, has been established at Livingstone and has provided very encouraging results.

It was not found possible to establish the Clinics previously mentioned at Kasama and Mbereshi, during the year. It is, however, hoped that they will shortly be opened.

SECTION VI.—HOSPITALS, DISPENSARIES AND VENEREAL CLINICS.

LIVINGSTONE EUROPEAN.

This consisted of a brick building with iron roof and deal floors. The general ward contains twelve beds and the private and maternity wards each one bed, a total of 17. The average daily number of patients in hospital in 1927 was 9.79, but at certain times the accommodation is found to be inadequate. The new wing mentioned in my last Report will shortly be completed.

During the year 1926 there were 306 admissions and 10 deaths.

For the year 1927 there were 297 admissions and 8 deaths. The principal admissions were for :

Malaria ...	...	...	...	...	90
Blackwater ...	...	...	...	...	1
Appendicitis ...	...	...	...	...	13
Maternity ...	...	...	...	...	28
Enteric ...	...	...	...	...	15
External Causes ...	...	...	...	...	27

The cost of maintenance of patients works out at about 4s. 9d. per caput per diem (food only).

LIVINGSTONE NATIVE.

The hospital consists of two brick buildings capable of accommodating 56 patients and four thatched huts capable of accommodating a further 14 cases.

Further temporary shelters are built as required.

During 1926 there were 1,033 admissions with 113 deaths. The figures for 1927 were 1,226 cases and 185 deaths. The high death rate at this hospital which was commented on in the last Report has increased in the year under review.

Recommendations are being made as to new buildings necessary.

The principal causes of admission were :

1927 :

Malaria ...	...	...	...	...	53
Influenza ...	...	...	...	...	213
Syphilis ...	...	...	...	...	59
Pneumonia ...	...	...	...	...	61
Tropical Ulcer ...	...	...	...	...	153
Various Injuries ...	...	...	...	...	140

The cost per caput per diem is 4.7d. (food only).

BROKEN HILL, EUROPEAN.

The hospital is the property of the Rhodesia Broken Hill Development Company. It consists of two main wards and operating theatre and six small wards with accommodation for 20 patients. The average daily number in hospital during 1927 was 9.6.

During the year 1926 there were 208 admissions and 13 deaths.

For the year 1927 there were 361 admissions, with 8 deaths.

The principal causes of admission were :

1927 :

Malaria ...	...	...	...	...	92
Blackwater ...	...	...	...	...	6
Maternity ...	...	...	...	...	30
Influenza ...	...	...	...	...	21
Dysentery ...	...	...	...	...	10
Pneumonia ...	...	...	...	...	11
Dental Caries ...	...	...	...	...	32
Appendicitis ...	...	...	...	...	8
External Causes ...	...	...	...	...	43

BROKEN HILL, NATIVE.

Is also the property of the Rhodesia Broken Hill Development Company and comprises one main building with three wards, one surgical ward and dressing room, six small wards and one V.D. ward. The surgical ward and small wards are separate from the main building. Two large brick wards, one medical and one surgical, have been added.

During the year 1926 there were 1,697 admissions and 113 deaths.

In the year 1927 there were 1,804 admissions and 117 deaths. The principal causes of admission were :

1927 :

Influenza ...	...	...	...	...	756
Dysentery ...	...	...	...	...	31
Syphilis ...	...	...	...	...	72
Lobar Pneumonia ...	...	...	...	...	110
Bronchial Pneumonia ...	...	...	...	...	3
Various Wounds ...	...	...	...	...	352
Small-pox ...	...	...	...	...	60
Lead Poisoning ...	...	...	...	...	10
Diarrhoea ...	...	...	...	...	38
Tropical Ulcers ...	...	...	...	...	180

LUSAKA HOSPITAL, EUROPEAN.

This is a brick building with shingled roof containing male and female general wards and three small private wards and capable of accommodating 11 patients. Daily average number in hospital for 1927 was 4.4.

There were 177 admissions during 1926 and 2 deaths.

During 1927 there were 184 admissions and 10 deaths.

The principal admissions were for :

1927 :

Malaria ...	...	...	...	...	...	76
Blackwater	...	...	...	...	...	8
Injuries	...	...	...	...	...	11
Maternity	...	...	...	...	...	12
Cellulitis	...	...	...	...	...	13

LUSAKA HOSPITAL, NATIVE.

The Native Hospital consists of two wards capable of accommodating 15 patients. The daily average being higher than 15 necessitates light cases sleeping on the verandahs or in temporary shelters. A native hospital on a new site has been recommended.

The admissions during 1926 numbered 489 and there were 17 deaths.

During 1927 there were 492 admissions and 24 deaths.

The principal causes of admission were :

1927 :

Malaria ...	...	...	...	...	...	73
Syphilis	...	...	...	...	...	41
Bronchitis	...	...	...	...	...	26
Tropical Ulcers	...	...	...	...	...	138
Yaws ...	...	...	...	...	...	16
Various Injuries	...	...	...	...	...	103

FORT JAMESON HOSPITAL, EUROPEAN.

The hospital consists of a brick building with four small wards capable of accommodating in all five patients. Average daily number in 1927 was 1.99.

During the year 1926 there were 48 admissions and three deaths.

During 1927 there were 49 admissions and one death.

The principal admissions were for :

1927 :

Malaria ...	...	...	...	...	...	13
Digestive Diseases	...	...	...	...	...	9
External Causes	...	...	...	...	...	4
Maternity	...	...	...	...	...	8

The accommodation available is inadequate to the needs of the locality. A new hospital building is expected to be ready by September, 1928.

FORT JAMESON, NATIVE.

A brick building with one large and one small ward. Temporary huts also utilized and capable of accommodating in all about 40 patients. A prisoner's ward has been added during the year.

Admissions during 1926 were 628 with 13 deaths.

During 1927 there were 416 admissions and 23 deaths.

The principal causes of admission being :

1927 :

Malaria ...	...	...	...	...	...	10
Syphilis ...	...	...	...	...	...	54
Pneumonia ...	...	...	...	...	...	11
Trypanosomiasis	...	...	...	...	...	22
Tropical Ulcers	...	...	...	...	...	118
External Causes	...	...	...	...	...	77

KASAMA HOSPITAL, EUROPEAN.

The hospital is a burnt brick building with tiled roof. There are two wards 19 ft. by 14 ft. and two similar rooms for nurses' quarters contained in the same building. The average daily number in hospital during 1927 was .63.

During 1926 there were 10 admissions and no deaths, and the corresponding figures for 1927 were 13 admissions and no deaths.

KASAMA HOSPITAL, NATIVE.

This is a brick building with thatched roof. It consists of one large ward for males and one small ward for females.

The admissions during 1926 were 326 with 10 deaths. The corresponding figures for 1927 were 326 admissions and seven deaths.

The principal causes of admission during 1927 were :

Influenza ...	...	...	...	...	...	41
Malaria ...	...	...	...	...	...	11
Syphilis ...	...	...	...	...	...	41
Rheumatism ...	...	...	...	...	...	33
Tropical Ulcers	...	...	...	...	...	24
External Causes	...	...	...	...	...	39

MONGU HOSPITAL, EUROPEAN.

This contains only one small ward with one bed. The admissions during 1926 were 8 with no deaths, and during 1927 only two patients were treated, *viz.* : one case of broncho-pneumonia and one normal labour. There were no deaths.

MONGU HOSPITAL, NATIVE.

Temporary huts which are replaced and added to as required. There is also a hospital cell for sick convicts.

There were 458 admissions during 1926 and 13 deaths.

During 1927 there were 432 admissions and 15 deaths. The chief admissions were for :

1927 :

Influenza	...	...	...	...	...	55
Malaria ...	...	...	...	...	...	135
Syphilis	...	...	...	...	...	12
Rheumatism	...	...	...	...	...	15
Cellulitis	...	...	...	...	...	23
Pneumonia	...	...	...	...	...	10
Eye Affections	...	...	...	...	...	10
Injuries	...	...	...	...	...	29

MAZABUKA NATIVE HOSPITAL.

This is a brick building with thatched roof containing small male and female wards, operating room and dispensary.

There were 322 patients and 17 deaths during 1926.

During 1927 there were 824 admissions and 14 deaths.

The principal causes of admission were :

1927 :

Small-pox	...	...	...	...	...	19
Malaria ...	...	...	...	...	...	14
Influenza	...	...	...	...	...	45
Syphilis	...	...	...	...	...	52
Pneumonia	...	...	...	...	...	18
Chicken-pox	...	...	...	...	...	40
Yaws ...	...	...	...	...	...	169
Tropical Ulcers	...	...	...	...	...	172
External Causes	...	...	...	...	...	140

The accommodation is very inadequate and has been temporarily augmented by the erection of Kimberley brick huts. Additions to provide further accommodation have been recommended.

FORT ROSEBERY NATIVE HOSPITAL.

This is a brick building with thatched roof and contains one large and two small wards.

The admissions during 1926 numbered 374 and there were nine deaths.

During 1927 there were 259 admissions and eight deaths.

The chief causes of admission were :

1927 :

Malaria ...	...	...	...	...	...	23
Yaws ...	...	...	...	...	...	91
Syphilis ...	...	...	...	...	...	31
Influenza ...	...	...	...	...	...	12
Ulcers ...	...	...	...	...	...	23
Surgical Cases ...	...	...	...	...	...	24

NDOLA NATIVE HOSPITAL.

The hospital is a brick building containing two wards.

The admissions during 1926 were 332 with 12 deaths.

The admissions for 1927 were 353 with 18 deaths. The principal admissions were for :

1927 :

Influenza ...	...	...	...	...	...	16
Malaria ...	...	...	...	...	...	28
Yaws ...	...	...	...	...	...	124
Syphilis ...	...	...	...	...	...	28
Tropical Ulcers ...	...	...	...	...	...	57
Injuries ...	...	...	...	...	...	33

SOLWEZI NATIVE HOSPITAL.

This consists of a number of temporary pole and daaga huts which are renewed and added to as required. Food shortage in this district presents a considerable obstacle to hospital treatment.

The admissions during 1926 were 508 with nine deaths.

During 1927 there were 871 admissions with four deaths, the admissions being mainly for Yaws.

ABERCORN NATIVE HOSPITAL.

The building used at Abercorn as a native hospital is a brick and iron erection formerly used as a prison and is not well adapted to its present use. Since the arrival of a Medical Officer in August, 1927, there have been 62 admissions and two deaths. The principal causes of admission were :

Small-pox ...	...	...	...	...	...	19
Rheumatism ...	...	...	...	...	...	8
Eye Conditions ...	...	...	...	...	...	7
External Causes ...	...	...	...	...	...	8

The following table shows the total cases treated in Native Hospitals for 1926 and 1927 with deaths and case mortality :

1926.

Station	Cases Treated	Deaths	Mortality
Livingstone	1,076	113	10.5%
Lusaka	498	17	3.4%
Broken Hill	1,845	113	6.1%
Mazabuka	335	17	5.1%
Fort Jameson	660	13	.2%
Kasama	344	10	2.8%
Mongu	477	13	2.7%
Ndola	349	12	3.4%
Fort Rosebery	407	9	2.2%
Solwezi	543	9	1.6%
	6,534	326	4.98%

1927.

Station	Cases Treated	Deaths	Mortality
Livingstone	1,278	185	14.40%
Lusaka	520	24	4.61%
Broken Hill	1,936	117	6.04%
Mazabuka	843	14	1.66%
Fort Jameson	437	23	5.20%
Kasama	336	7	2.08%
Mongu	443	15	3.40%
Ndola	385	18	4.70%
Fort Rosebery	273	8	2.90%
Solwezi	887	4	.45%
Abercorn	62	2	3.20%
	7,400	417	5.60%

NATIVE OR RURAL DISPENSARIES.

Three dispensaries have been established in the Fort Jameson Sub-District and one in the Kasama Sub-District. It was stated in this connection in the last Report that " the cost of visits of inspection is high and it is feared out of proportion to the time which can be devoted to supervision and instruction and to the

results obtained." Further experience however of this method of expansion is very encouraging, and although the incidental expenses are heavy it may be found desirable not only to retain those at present in operation, but to establish others. The Secretary for Native Affairs (Annual Report, 1927) remarks as follows on this matter: "It is further to be hoped that funds may in the future be forthcoming to establish such dispensaries, and a staff adequate to supervise their activities in every district in the Territory."

It has unfortunately recently been necessary to curtail activities in this respect owing to lack of funds.

NUMBERS OF PATIENTS TREATED.

FORT JAMESON.

Mangonje ...	...	...	...	...	...	1,126
Njobo ...	...	...	...	...	...	1,200
Mogodi ...	...	...	...	...	...	1,041

KASAMA AREA.

Chambezi Crossing	...	...	...	...	781
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CO-OPERATION WITH MISSIONARY SOCIETIES IN PROVIDING MEDICAL FACILITIES FOR THE NATIVE POPULATION.

As previously reported five Medical Mission Stations are subsidised by the Government for this purpose. The amount of the annual subsidy paid to each by the Government is based on the number of native hospital beds maintained and provides for the free treatment of in-patients to this agreed limit at any one time and for the free treatment of all out-patients. There is also included in each agreement provision for the health supervision of the nearest Government station (when this is not a medical station), including sanitation, medical attendance on officials, native employees and prisoners, and as an extra to the subsidy the performance of Medico-Legal work at the rate of fees approved for Government Medical Officers.

Two Societies have opened medical stations during the year; at the Lubwa Mission near Chinsali and at Mwami near Fort Jameson, where doctors have been in residence for some time. It has however unfortunately not been possible owing to lack of funds to retain their services.

The amount expended during the financial year 1927-28 in this connection was approximately £988.

Further smaller grants-in-aid have been made to Societies who have shown that provision for medical work exists either in the employment of a trained nurse or that there is a member of the Mission staff who has had hospital training, small grants are

also made in certain selected cases not conforming to the above conditions as assistance towards the purchase of drugs. The amount expended in this way during 1927-28 was £420.

In providing for the medical needs of the native population of this Territory it will be regrettable if this method, which since its inception has given very satisfactory results, is to be hampered and its expansion hindered by lack of funds.

In connection with co-operation by the Government with Missionary Societies for the provision of medical treatment to the native population the following extract from a report by the Resident Magistrate, Barotseland, is of interest :

“ HOSPITAL AND MEDICAL ARRANGEMENTS.

“ At the Paris Mission Station, about a mile from the Government Station, are Dr. Reutter, and Miss Perrier, a trained nurse.

“ A medical establishment, consisting of the following buildings, is approaching completion : (1) Nurse's house, with a completely furnished room for a European female patient ; (2) house containing Surgery, Pharmacy, Office, and two rooms for European male patients ; (3) Native Hospital, with a ward for seven beds for native male patients, a smaller ward for one or two beds, a dispensary, and a small room for eye and throat, etc., examination ; a mosquito-proof verandah adjoins the large ward. The construction appears to be good and substantial throughout ; iron roofs and steel ceilings.

“ There remain to be built : Lines of huts for patients who object to enter a large ward ; sheds for out-patients, male and female, awaiting treatment ; doctor's house.

“ Doctor Reutter states that the number of patients to be attended daily has increased in the last two years from 10-20 to 40-70.

“ Dr. Reutter, by arrangement, inspects Sesheke Gaol and Station weekly, and treats sick prisoners and members of the staff, who are transferred in case of need to his camp.”

II.—PRISONS.

LIVINGSTONE.

Number committed in 1927 ...	...	321
Daily average in prison ...	...	128
Deaths ...	...	5
Daily average sick ...	...	6.6
Admitted to General Hospital ...	...	38

Causes of Death.

Tuberculosis ...	...	1
Pneumonia ...	...	1
Pellagra (in General Hospital) ...	...	1
Renal Calculus and Oedema of Lungs		1
Abscess in Neck ...	...	1

Diseases Treated in General Hospital.

Tuberculosis and Pericarditis	...	1
Influenza and Broncho-Pneumonia	...	9
Pellagra...	... ..	6
Pleurisy...	... ..	1
Gonorrhoea and Orchitis	... ..	3
Septic Sores, Boils, etc.	... ..	8
Mumps	... ..	2
Syphilis	... ..	2
Malaria	... ..	2
Otitis Media	... ..	1
Pneumonia	... ..	1
Minor Injury	... ..	1
Eye	... ..	1
		38

The general health in this prison has been good. A few cases of mumps and chicken-pox occurred.

BROKEN HILL.

Number committed 1927	...	392
Daily Average	...	62
Deaths	...	3

Causes of Death.

Influenza	...	1
Insanity and Diarrhoea	...	1
Tuberculosis	...	1

Diseases Treated in Hospital.

Rheumatism	...	1
Conjunctivitis	...	2
Influenza	...	23
Syphilis	...	6
Otitis Media	...	2
Diarrhoea	...	5
Minor Injuries	...	5
Yaws	...	1
Pellagra...	...	4
Pneumonia	...	2
Leprosy	...	2
Dysentery	...	3
Cellulitis	...	8
Insanity	...	1
Tuberculosis	...	1
		66

MAZABUKA.

Average daily number in hospital ... 6.02

An improvement in the general lay-out has been made by the building of a kitchen and removal of the pole and dagga huts which were previously used for this purpose. Additional accommodation has been provided for the housing of witnesses.

Number committed during the year ...	155
Daily average number in gaol ...	20
Daily average on sick list ...	1
Number admitted to hospital ...	25
Deaths ...	—

Diseases Treated in Hospital.

Diarrhoea ...	2
Urethritis ...	2
Ulcer Leg ...	1
Enlarged Spleen ...	1
Influenza ...	8
Scabies ...	2
Pneumonia ...	3
Injury ...	2
Tonsillitis ...	1
Chicken-pox ...	2
Balanitis ...	1
	—
	25
	==

MONGU.

Number committed during year ...	167
Daily average ...	50.24
Daily average in hospital ...	2.24
Deaths ...	6

Causes of Death.

Malaria ...	1
V.D.H. ...	2
Pneumonia ...	2
Asthenia ...	1

Diseases Treated in Hospital.

Malaria ...	6
Influenza ...	16
Dysentery ...	1
Syphilis ...	2
Gonorrhoea ...	1
Acute Rheumatism ...	2
Chronic Rheumatism ...	3
	—

Carried forward 31

				<i>Brought forward</i>	31
Dementia	...	...	...	...	1
Neuritis	...	...	...	...	1
Conjunctivitis	...	...	...	...	1
V.D.H. ...	...	...	...	...	2
Pneumonia	...	...	...	...	3
Pleurisy...	...	...	...	...	1
Tonsillitis	...	...	...	...	1
Gastric Ulcer	...	...	...	...	2
Colic ...	...	...	...	...	3
Cystitis ...	...	...	...	...	1
Cellulitis	...	...	...	...	7
Abscess	...	...	...	...	1
Synovitis	...	...	...	...	1
Burns ...	...	...	...	...	1
Asthenia	...	...	...	...	1
Malingering	...	...	...	...	3
Oedema	...	...	...	...	7
					—
					68
					—

One hundred and sixty-eight prisoners received out-patient treatment for minor complaints.

The sanitary state and arrangement of this prison is excellent.

KASAMA.

Medical Officer's Report. The gaol is kept in a state of repair and cleanliness and is free from vermin. The health of the prisoners has been very good, above the average. Their rations are excellent and according to scale and their clothing attended to.

It has been recommended that the roof be rebuilt with iron.

Number committed (1927) male	...	69
Number committed (1927) female	...	9
Average daily sick	... ..	0.8
Average daily sick in hospital...	...	0.7
Deaths ...	... ..	—

Diseases Treated.

Malaria, Rheumatism, Minor Injuries, Syphilis, Influenza, Insanity, Epilepsy, etc.

LUWINGU.

Number committed (1927) males	...	124
Number committed (1927) females	...	18
Average sick per day	... ..	1.1
Average sick per day in hospital	...	.01
Deaths (Pneumonia)	... ..	1

Diseases Treated.

Malaria, Conjunctivitis, Scabies, Ulcers, Bronchitis, Minor Injuries.

MPIKA.

Number committed (1927) males	...	...	78
Number committed (1927) females	...	...	—
Average daily sick	...	...	0.1
Deaths	...	...	—

Diseases Treated.

Malaria, Coryza, Influenza.

CHINSALI.

Number committed (1927) males	...	104
Number committed (1927) females	...	8
Average daily sick	...	0.52
Deaths	...	—

Diseases Treated.

Malaria, Bronchitis.

ABERCORN.

For the period 1st August, 1927 to 31st December, 1927, following opening of Medical Station.

Total number in prison during period	99
Daily average in prison	29.3
Deaths (Convulsions)	1

Diseases Treated in Hospital.

Septic Foot	1
Syphilis	1
Convulsions	1

Forty-nine prisoners were treated as out-patients for minor complaints.

The Medical Officer reports: "The gaol is kept scrupulously clean and in good order; the rations supplied to the prisoners are of good quality according to scale. The quality and quantity of clothing and blankets were reported on as insufficient. This matter was immediately rectified."

FORT JAMESON.

Number committed (1927)	...	357
Daily average	...	46
Deaths	...	5

Causes of Death.

Pneumonia	1
Hydrocele, Post Operative	1
Tuberculosis	1
Executions	2
Average daily number in hospital	8.28
Average daily sick out-patients	0.96

Diseases Treated in Hospital.

Malaria ...	...	...	...	...	2
Dysentery ...	...	...	...	...	1
Leprosy ...	...	...	...	...	2
Syphilis ...	...	...	...	...	2
Tropical Ulcers	...	...	...	...	2
Rheumatism ...	...	...	...	...	1
Pellagra...	...	...	...	...	5
Epilepsy ...	...	...	...	...	2
Conjunctivitis	...	...	...	...	1
Otitis ...	...	...	...	...	2
Oedema ...	...	...	...	...	1
Pneumonia ...	...	...	...	...	1
Diarrhoea ...	...	...	...	...	1
Colitis ...	...	...	...	...	1
Ankylostomiasis	...	...	...	...	3
Hernia ...	...	...	...	...	1
Hydrocele ...	...	...	...	...	1
Cellulitis ...	...	...	...	...	8
Ulceration ...	...	...	...	...	3
Scabies ...	...	...	...	...	2
Injuries ...	...	...	...	...	7

The sanitary arrangements at this prison require re-arrangement. Open buckets are used in a latrine which faces into the prison yard close to the kitchen.

FORT ROSEBERY.

Number of prisoners committed in					
1927	...	...	...	...	206
Daily average in gaol	...	...	...	...	17.13
Deaths (Influenza)	...	...	...	...	1
Admissions to hospital	...	...	...	...	4
The average daily number in hospital	...	...	...	...	0.12

The Medical Officer reports that the general health of the prisoners has been excellent; their food good and sound; and their condition on discharge better than on admission. Clothing is adequate, and the sanitary condition of the prison is excellent.

SOLWEZI.

Number of prisoners committed, 1927	...	...	...	...	38
Daily average in prison	...	...	...	...	7.1
Deaths ...	...	...	...	...	—
Average daily number in hospital	...	...	...	...	—

Diseases Treated (Out-Patients).

Malaria ...	...	...	...	...	4
Yaws ...	...	...	...	...	2
Epididymitis ...	...	...	...	...	1
Injuries ...	...	...	...	...	6
Unclassified Minor ...	...	...	...	...	12

The general health of the prisoners is good. The gaol building is poor and in a state of disrepair. It is reported on as unsuitable for the accommodation of prisoners.

VIII.—METEOROLOGICAL.

The year 1927 was characterised by low rainfall record throughout the Territory, the total fall at Livingstone being 20.56 inches as compared with 29.95 in 1926 and 47.36 in 1925. These variations in rainfall appear to have very little effect on the mean temperature although there is a noticeable drop in the humidity which was 48.6 per cent. in 1927 as compared with 65.7 per cent. in 1926 and 69.1 per cent. in 1925.

Tables 4 and 5 in the returns are a brief summary of records at Livingstone, and certain Zambezi and plateau stations are compared. Complete records to June, 1927, are available in the Northern Rhodesia Meteorological Report No. 4.

RETURNS.

TABLE I.—EUROPEAN STAFF.

A. W. May, C.M.G.	...	...	...	Principal Medical Officer.
H. Leach ...	...	...	...	Medical Officer.
P. H. Ward ...	...	...	...	Medical Officer.
A. F. Wallace, M.C.	...	...	...	Medical Officer.
A. Kinghorn ...	...	...	...	Medical Officer.
R. R. Murray ...	...	...	...	Medical Officer.
W. J. Sheehan ...	...	...	...	Medical Officer.
J. D. Harmer ...	...	...	...	Medical Officer.
G. M. C. Powell ...	...	...	...	Medical Officer.
J. A. Acheson ...	...	...	...	Medical Officer.
H. A. Gilkes, M.C.	...	...	...	Medical Officer.
J. A. McGregor, D.F.C.	...	...	...	Medical Officer.
P. B. Robinson ...	...	...	...	Medical Officer.
N. D. Sanderson ...	...	...	...	Medical Officer.
T. R. F. Kerby ...	...	...	...	Medical Officer.
A. Douglas ...	...	...	...	Secretary to P.M.O. and Dispenser.
E. McPhee ...	...	...	...	Dispenser and Clerk.
Miss M. B. Cookson	...	...	...	Lady Clerk.

Miss E. M. Coates	...	...	...	Matron.
Mrs. E. M. Cronin	...	...	...	Nursing Sister.
Mrs. M. C. Lewis	...	...	...	Nursing Sister.
Miss H. B. G. Eastland	...	...	...	Nursing Sister.
Miss M. Roden	...	...	...	Nursing Sister.
Miss E. L. Bradfield	...	...	...	Nursing Sister.
Miss S. Adair	...	...	...	Nursing Sister.
Miss M. A. A. G. Goodyear	...	...	...	Nursing Sister.
Miss S. K. Hanna	...	...	...	Nursing Sister.
Miss M. P. White	...	...	...	Nursing Sister.
Miss A. B. A. Buck	...	...	...	Nursing Sister.
Miss R. Allender	...	...	...	Nursing Sister.
Miss S. A. L. Davies	...	...	...	Nursing Sister.
Miss A. H. Gittens	...	...	...	Nursing Sister.
Miss A. Ottiwell	...	...	...	Nursing Sister.
Miss L. Woolley	...	...	...	Nursing Sister.
Miss E. Bowyer	...	...	...	Nursing Sister.
Miss E. Hodnett	...	...	...	Nursing Sister.
Miss W. C. S. Matthews	...	...	...	Nursing Sister.
Miss M. E. Riddle	...	...	...	Nursing Sister.

SUBORDINATE STAFF (PRINCIPAL MEMBERS).

Maurice M. Mlonga	...	...	...	Native Clerk.
M. Stainer Malunga	...	...	...	Native Clerk.
Arnold Chibwana	...	...	...	Native Clerk.
Sam K. Mwase	...	...	...	Medical Store Assistant.
Conrad Lumiah	...	...	...	Laboratory Assistant.

CHANGES IN STAFF.

(See Section I (a).)

TABLE II.—FINANCIAL.

(See Section I (b).)

Complete figures for sub-heads are not available at the time of preparation of this Report.

The following comparative figures under the sub-head "Provisions" serve to show that the funds authorised are insufficient to provide the increased maintenance which has become necessary.

	1926	1927	Percentage Increase
European patients (days maintained) ...	7,508	9,625	28.2%
Native patients (days maintained) ...	82,960	95,386	15.0%
Authorised expenditure on provisions ...	£3,953	£4,041	2.2%
Actual expenditure on provisions ...	£3,972	£4,845*	21.9%

*Subject to revision

TABLE III.

RETURN OF STATISTICS OF POPULATION FOR THE YEAR 1927.

Number of	Europeans and Whites	Africans	East Indians	Chinese and Malays	Mixed and Coloured
Inhabitants in 1926 ...	5,581	1,199,641	56	4	*
Births during 1927 ...	144	*	*	*	*
Deaths during 1927 ...	72	*	*	*	*
Balance Immigrants over Emigrants ...	1,622	*	*	Nil	*
Inhabitants in 1927 ...	7,275	1,237,486	75	4	*
Increase 1927 of 1926	1,694	37,845	6	Nil	*

*Unknown.

The above table has been slightly modified from that given in the Model Report on account of the fact that there are no official records of emigrants and the official figures for immigrants do not include Southern Rhodesia, Bechuanaland Protectorate and Nyasaland.

As the greatest influx comes from these places the record is therefore shown as balance of immigrants over emigrants.

The number of African immigrants is given as 1,126, East Indians 13, and mixed and coloured 7. It is probable that the figure for African natives is much too low (*vide* Secretary for Native Affairs Report, 1927 as to increases of native population in the Kalabo and Balovale Districts through immigration from Angola).

TABLE IV.

METEOROLOGICAL RETURN FOR THE YEAR 1927 (LIVINGSTONE OBSERVATORY).

	Mean Max.	Mean Min.	Range	Mean	Rain fall ins.	Mean Hum- idity	Winds general directions	Aver- age Force
January ...	89.3	65.5	23.8	77.4	7.58	57.5	N. 76 E.	1.1
February ...	88.6	65.3	23.3	76.9	4.13	66.0	S. 72 E.	1.1
March ...	89.0	64.2	24.8	76.6	.87	53.5	S. 77 E.	1.4
April ...	88.0	59.4	28.8	73.7	.34	52.5	S. 81 E.	1.0
May ...	82.6	49.8	32.8	66.2	—	49.0	S. 73 E.	1.2
June ...	75.3	44.3	31.0	59.8	—	47.5	S. 75 E.	1.2
July ...	76.9	45.2	31.7	61.0	—	48.5	S. 71 E.	1.0
August ...	82.4	48.5	33.9	65.4	—	38.5	S. 65 E.	1.0
September ...	89.8	60.6	29.2	75.2	—	31.5	S. 85 E.	1.7
October ...	93.8	66.0	27.8	79.9	.62	35.5	S. 81 E.	1.4
November ...	92.0	68.7	23.3	80.3	3.52	42.5	N. 88 E.	1.4
December ...	89.4	67.1	22.3	78.2	3.50	61.0	N. 54 E.	1.4
Means ...	86.4	58.7	27.7	72.5	1.71	48.6		1.2

TABLE V.

SHOWING COMPARISON OF 6 PLATEAU AND 3 ZAMBESI VALLEY
STATION TEMPERATURES FOR THE PERIOD JULY,
1926, TO JUNE, 1927.

Month	Zambesi Valley Stations			Plateau Stations		
	Average Max.	Average Min.	Mean	Average Max.	Average Min.	Mean
July	76.8	49.3	62.5	73.9	47.9	60.9
August	82.8	52.5	67.6	78.3	50.3	64.3
September	92.8	62.3	77.5	86.8	58.0	72.4
October	94.7	69.0	81.8	88.9	62.0	75.4
November	93.4	70.3	81.8	88.2	63.3	75.7
December... ..	87.6	69.0	78.3	82.3	62.3	71.8
January	87.9	68.3	78.6	79.7	60.5	70.1
February	87.6	68.6	78.1	80.0	61.4	70.7
March	88.5	67.4	77.9	78.9	60.5	69.7
April	87.6	65.0	76.3	79.6	60.1	69.8
May	84.8	55.6	70.2	78.0	55.7	66.8
June	75.2	49.5	62.3	73.4	49.3	61.3
Means	86.7	62.2	74.5	80.6	57.6	69.1

Means of Mongu.
Livingstone.
Feira.

July to December Means of :
Abercorn.
Fort Jameson.
Lusaka.
Mpika.
Mwinilunga.
Fort Rosebery.

January to June :
Abercorn.
Fort Jameson.
Lusaka.
Kasama.

TABLE VI.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

LIVINGSTONE HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND IN- FECTIOUS DISEASES.						
1a.Typhoid Fever	—	14	2	14	—	1 case ty- phoid de- veloped in hospi- tal after- wards opera- tion for append- icitis.
1b.Paratyphoid	—	1	—	1	—	
5. Malaria	2	88	2	90	5	
5e.Blackwater	1	—	—	1	—	
11. Influenza	—	7	—	7	—	
16a.Dysentery	—	1	—	1	—	
16b.Dysentery	—	6	1	6	—	
25b.Varicella	—	1	—	1	—	
37b.Tuberculosis Dissem. ...	1	—	—	1	1	
38e.Syphilis	—	2	—	2	—	
40a.Gonorrhoea	—	2	—	2	1	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Rheumatism	1	2	—	3	—	
66. Alcoholism	—	3	—	3	1	
69. Debility	—	1	—	1	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
81. Chorea	—	1	—	1	—	
82c.Neurasthenia	—	2	—	2	—	
85b.Conjunctivitis	—	3	—	3	1	
IV. AFFECTIONS OF CIRCULATORY SYSTEM.						
90a.Valvular Disease, Heart ...	—	1	—	1	—	
90a.Mitral Stenosis	—	1	—	1	—	
93. Haemorrhoids	—	4	—	4	—	
93. Varicose Veins	—	1	—	1	—	
Carried forward ...	5	141	5	146	9	

TABLE VI—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

LIVINGSTONE HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	5	141	5	146	9	
V. AFFECTIONS OF RESPIRATORY SYSTEM.						
98. Laryngitis ...	—	1	—	1	—	
99a. Bronchitis ...	—	2	—	2	—	
101b. Pneumonia ...	1	1	—	2	—	
102. Pleurisy ...	—	1	—	1	—	
VI. DISEASES OF DIGESTIVE SYSTEM.						
108a. Dental Caries ...	—	5	—	5	—	
109. Tonsillitis ...	—	3	—	3	—	
111a. Gastric Ulcer ...	—	2	—	2	—	
112. Gastritis ...	—	3	—	3	—	
113. Diarrhoea and Enteritis ...	—	4	—	4	—	
117. Appendicitis ...	—	13	—	13	—	
118. Hernia ...	—	1	—	1	—	
119b. Constipation ...	—	3	—	3	—	
119b. Colic ...	—	3	—	3	—	
119b. Tabes Mesenterica ...	—	1	—	1	—	
124. Liver Abscess ...	—	2	1	2	—	
124. Jaundice ...	—	1	1	1	—	
VII. DISEASES OF GENITO-URINARY SYSTEM.						
129. Albuminuria ...	—	1	—	1	—	
131. Pyelitis ...	—	1	—	1	—	
131. Hematuria ...	—	1	—	1	—	
132. Renal Calculus ...	—	1	—	1	—	
134a. Stricture ...	—	4	—	4	—	Same case re-ad- mitted
135. Prostatitis ...	1	—	—	1	—	
136. Orchitis ...	—	1	—	1	—	
136. Phimosis ...	—	1	—	1	—	
141a. Metritis ...	—	4	—	4	—	
141b. Amenorrhoea ...	—	1	—	1	—	
Dysmenorrhoea ...	—	1	—	1	—	
142. Tumour of Breasts...	—	1	—	1	—	
142. Abscess of Breasts ...	—	1	—	1	—	
VIII. PUERPERAL STATE.						
143a. Normal Labour ...	1	27	—	28	1	
143b. Abortion ...	—	11	—	11	1	
143bc. Hyperemesis ...	—	2	—	2	—	
144. Post Partum Haemorrhage	—	1	—	1	—	
Carried forward ...	8	246	7	254	11	

TABLE VI—*continued.*RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.LIVINGSTONE HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	8	246	7	254	11	
IX. AFFECTIONS OF SKIN AND CELLULAR TISSUES.						
152. Boils	—	2	—	2	—	
153. Abscess	—	12	—	12	—	
153. Cellulitis	—	2	—	2	—	
155. Ulcers	—	2	—	2	—	
X. DISEASES OF BONES AND ORGANS OF LOCOMOTION.						
157. Synovitis	—	1	—	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
176. Insect Bite	—	1	—	1	—	
178. Burns	—	1	—	1	—	
183. Gunshot wound	—	1	—	1	—	Accident
184. Spear wound	—	1	1	1	—	Accident
185. Wounds by fall	—	6	—	6	—	Motor accident
185. Concussion	—	1	—	1	—	
188. Various wounds	—	9	—	9	—	
189. Animal kick	—	1	—	1	—	
201a. Dislocations	—	1	—	1	—	
201c. Fractures	—	5	—	5	—	
205a. Shock	—	1	—	1	—	
205a. Pyrexia (undiagnosed) ...	—	1	—	1	—	
	—	3	—	3	—	
Total	8	297	8	305	11	

TABLE VI—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. <i>Malaria</i> :						
(c) Sub-Tertian ...	3	73	2	76	—	
(e) Blackwater	1	7	4	8	—	
11. Influenza 	—	2	—	2	—	
25. <i>Other Epidemic Diseases</i> :						
(d) Phlebotomus Fever	—	1	—	1	—	
40a. <i>Gonorrhoea and its Complica- tions</i>	—	1	—	1	—	
31. Tuberculosis—Pulmonary...	—	1	—	1	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Chronic Rheumatism ...	—	1	—	1	—	
57. Diabetes 	—	1	—	1	—	
66. Alcoholism 	—	2	—	2	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
74. <i>Apoplexy</i> :						
(a) Haemorrhage ...	—	2	1	2	—	
78. Epilepsy 	—	1	—	1	—	
82b. Neuritis 	—	1	—	1	—	
85. <i>Affections of the Organs of Vision</i> :						
(b) Conjunctivitis ...	—	1	—	1	—	
(d) Chalazion ...	—	1	—	1	—	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
90. <i>Other Diseases of the Heart</i> :						
(a) Valvular Mitral Re- gurgitation ...	—	1	—	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99. <i>Bronchitis</i> :						
(a) Acute 	—	4	—	4	—	
100. Broncho-Pneumonia ...	—	1	—	1	—	
101. <i>Pneumonia</i> :						
(a) Lobar 	—	3	1	3	—	
Carried forward ...	4	104	8	108	—	

TABLE VI—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	4	104	8	108	—	
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.						
102. Pleurisy	—	1	—	1	—	
105. Asthma	—	2	—	2	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
109. <i>Affections of the Pharynx or Tonsils</i> : ...						
Tonsillitis	—	6	—	6	—	
111a. Ulcer of Stomach	—	1	—	1	—	
114. Diarrhoea and Enteritis ...	—	7	—	7	—	
Colitis	—	1	—	1	—	
117. Appendicitis	—	2	—	2	1	
119b. <i>Other Affections of Intestines</i> :						
Constipation	—	2	—	2	—	
123. Biliary Calculus	—	1	—	1	—	
124. <i>Other Affections of the Liver</i> :						
Jaundice	—	1	—	1	—	
126. Peritonitis (unknown cause)	—	1	—	1	—	
127. <i>Other Affections of the Digestive System</i> :						
Ileus	—	1	—	1	—	
Coeliac Disease	—	1	—	1	—	
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).						
131. <i>Other Affections of the Kidneys</i> :						
Pyelitis	—	1	—	1	—	
128. Acute Nephritis	—	1	—	1	—	
136. <i>Diseases of the Genital Organs of Man</i> :						
Hydrocele	—	1	—	1	—	
137. Cyst-Ovarian	—	2	—	2	—	
139. Uterine Tumours (non-malignant)	—	1	—	1	—	
141b. <i>Other Affections of the Female Genital Organs</i> :						
Displacements of Uterus	—	1	—	1	—	
Dysmenorrhoea	—	2	—	2	—	
Carried forward ...	4	140	8	144	1	

TABLE VI—*continued.*RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.LUSAKA HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	4	140	8	144	1	
VIII. PUERPERAL STATE.						
143a. Pregnancy (normal labour)	—	12	—	12	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
152. Boil ...	—	4	—	4	—	
153. Abscess :						
Whitlow ...	—	1	—	1	—	
Cellulitis ...	—	13	—	13	—	
155. Other Diseases of the Skin :						
Eczema ...	—	1	—	1	—	
X. DISEASES OF BONES AND ORGANS OF LOCOMOTION.						
157. Diseases of the Joints :						
Arthritis ...	—	2	—	2	1	
XII. DISEASES OF INFANCY.						
163. Infant Neglect ...	—	1	—	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
166. Corrosive poisoning (inten- tional) ...	—	1	1	1	—	
170. Suicide by firearms ...	—	1	1	1	—	
185. Wounds by fall ...	—	1	—	1	—	
188. Wounds (crushing, <i>e.g.</i> , rail- way accidents, etc.) ...	1	2	—	3	—	
201b. Sprain ...	—	1	—	1	—	
c. Fracture ...	—	4	—	4	—	
Total ...	5	184	10	189	2	

TABLE VI—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

BROKEN HILL HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
1d. Enteric Fever	—	1	—	1	—	
5c. Malaria	—	92	1	92	3	
5e. Blackwater	—	6	1	6	—	
11. Influenza	—	21	—	21	—	
16b. Dysentery	1	9	—	10	—	
25h. Trypanosomiasis	—	1	—	1	—	
38e. Syphilis	—	1	—	1	—	
39. Soft Chancre	—	1	—	1	1	
43. Cancer, Buccal	—	1	—	1	—	
44. Cancer, Stomach	—	1	—	1	—	
51. Acute Rheumatism	—	1	—	1	—	
52. Chronic Rheumatism	—	2	—	2	—	
66. Alcoholism	—	3	—	3	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
69. Auto-intoxication	—	1	—	1	1	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
74b. Apoplexy	—	1	1	1	—	
78. Epilepsy	—	1	—	1	—	
82b. Neuritis	—	1	—	1	—	
82c. Neurasthenia	—	1	—	1	—	
85b. Conjunctivitis	—	1	—	1	—	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
90. V.D. Heart	—	4	1	4	—	
92. Thrombosis	—	1	—	1	—	
93. Haemorrhoids	—	1	—	1	1	
94. Lymphadenitis	—	1	—	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99a. Bronchitis	—	3	—	3	—	
100. Broncho-Pneumonia	—	1	1	1	—	
101a. Pneumonia	—	10	—	10	1	
102. Pleurisy	—	3	—	3	—	
105. Asthma	1	1	—	2	—	
Carried forward ...	2	171	5	173	7	

TABLE VI—*continued.*RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.BROKEN HILL HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	2	171	5	173	7	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
108a. Dental Caries ...	—	32	—	32	—	
109. Tonsillitis ...	—	4	—	4	—	
111a. Gastric Ulcer ...	—	1	—	1	—	
112. Gastritis ...	—	8	—	8	—	
112. Dyspepsia ...	—	1	—	1	—	
113. Enteritis ...	—	7	2	7	—	
114. Diarrhoea ...	—	2	—	2	—	
117. Appendicitis ...	1	7	—	8	—	
119a. Anal Abscess ...	—	1	—	1	—	
119b. Intestinal Obstruction ...	—	1	—	1	—	
119b. Constipation ...	—	2	—	2	—	
122a. Cirrhosis of liver ...	—	1	—	1	—	
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VEREAL).						
129. Chronic Nephritis ...	—	1	—	1	—	
133. Cystitis ...	—	3	—	3	—	
134. Stricture ...	—	1	—	1	—	
135. Hypertrophy of Prostate ...	—	1	—	1	—	
136. Orchitis ...	—	1	—	1	1	
138. Salpingitis ...	—	2	—	2	—	
141a. Metritis ...	—	5	—	5	—	
142. Abscess of Breast ...	—	1	—	1	—	
VIII. PUERPERAL STATE.						
143a. Normal Labour ...	—	30	—	30	1	
143ba. Abortion ...	—	5	—	5	—	
143bc. Hyperemesis ...	—	1	—	1	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
153. Cellulitis ...	—	27	—	27	—	
X. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION (Other than Tuberculous).						
157. Synovitis ...	—	3	—	3	—	
XI. MALFORMATIONS.						
159. Spina Bifida ...	—	1	1	1	—	
Carried forward ...	3	320	8	323	9	

TABLE VI—*continued.*RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.BROKEN HILL HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	3	320	8	323	9	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
166. Suicide by poisoning ...	—	1	—	1	—	
171. Suicide by cutting ...	—	1	—	1	—	
176. Snake bite	—	1	—	1	—	
178. Burns	—	3	—	3	—	
185. Wounds by fall ...	—	8	—	8	—	
187. Wounds by machinery ...	—	20	—	20	—	
201c. Fracture	2	6	—	8	—	
Ulcer	—	1	—	1	—	
Total	5	361	8	366	9	

TABLE VI—*continued.*RETURNS OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

FORT JAMESON HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	—	13	1	13	—	
5e. Blackwater	—	5	—	5	—	
IV. AFFECTIONS OF THE CIR- CULATORY SYSTEM.						
90. Valvular disease of heart ...	—	1	—	1	—	
93 Haemorrhoids	—	1	—	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
97. Adenoids	—	1	—	1	—	
101. Pneumonia (unclassified). ...	—	1	—	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
108. Dental Extractions	—	2	—	2	—	
109. Tonsillitis	—	1	—	1	—	
109. Tonsillectomy	—	2	—	2	—	
117. Appendicitis	—	2	—	2	—	
118. Hernia	—	1	—	1	—	
124. Cholecystitis	—	1	—	1	—	
VII. DISEASES OF THE GENITO- URINARY SYSTEM (NON-VEN- EREAL).						
141b. Menorrhagia	—	2	—	2	—	
VIII. PUERPERAL STATE.						
143a. Normal Labour	—	8	—	8	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
153. Popliteal Abscess	—	1	—	1	—	
153. Cellulitis	—	2	—	2	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
176. Snake Bite	—	1	—	1	—	
201a. Dislocation, Hip	—	1	—	1	—	
201c. Fracture Humerus	—	1	—	1	—	
202. Minor Injuries	—	1	—	1	—	
XV. ILL-DEFINED DISEASES.						
205a. Observation	—	1	—	1	—	
Total	—	49	1	49	—	

TABLE VI—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

KASAMA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5.*Malaria	—	1	—	1	—	Accom- panied by Otitis media
III. AFFECTIONS OF NERVOUS SYS- TEM AND ORGANS OF SENSES.						
82c.Neurasthenia	—	1	—	1	—	
85. Iritis	—	1	—	1	—	
86.*Otitis Media	—	1	—	1	—	Accom- panied by Mal- aria
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
112. Gastritis	—	1	—	1	—	
117. Appendicitis	—	1	—	1	—	
VII. PUERPERAL STATE.						
143.A.Normal Labour	—	3	—	3	—	
B.a.Abortion	—	1	—	1	—	
IX. AFFECTIONS OF SKIN AND CELLULAR TISSUE.						
155. Veldt Sores	—	1	—	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
185. Lacerated Wounds... ..	—	1	—	1	—	
201.C.Fractured Femur	—	1	—	1	—	
Total	—	13	—	13	—	

*Diseases No. 5 and 86 occurred simultaneously in one and the same patient. Total admissions, 12.

TABLE VI—*continued*.RETURN OF DISEASES AND DEATHS (EUROPEAN IN-PATIENTS)
FOR THE YEAR 1927.

MONGU HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
AFFECTIONS OF RESPIRATORY SYSTEM.						
Broncho-Pneumonia	—	1	—	1	—	
PUERPERAL STATE.						
Normal Labour	—	1	—	1	—	
Total	—	2	—	2	—	

TABLE VIA—continued

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LIVINGSTONE HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
1a. Enteric Fever	1	5	2	6	1	Deaths due to Pneumo- ia com- plica- tions
3. Relapsing Fever	—	1	—	1	—	
5. Malaria	2	51	2	53	4	
6. Small-pox	—	2	—	2	1	
6. Alastrim	—	9	—	9	4	
7. Measles	—	44	—	44	—	
11. Influenza	5	208	65	213	6	
13. Mumps	—	6	—	6	—	
16c. Dysentery	—	27	8	27	—	
20. Leprosy	—	4	1	4	1	
24. Cerebro-Spinal Meningitis...	1	1	2	2	—	
25b. Chicken-pox	—	38	—	38	5	
25g. Yaws	—	4	—	4	—	
31. Tuberculosis pulmonary ...	1	7	4	8	—	
33. „ Intestines	1	1	2	2	—	
34. „ Vertebra	—	1	—	1	—	
35. „ Joints	—	1	—	1	—	
36c. „ Glands	1	—	1	1	—	
37b. „ Dissem.	—	1	1	1	—	
38d. Syphilis	—	2	2	2	—	
38e. Syphilis	2	53	1	55	4	
39. Soft Chancre	—	2	—	2	—	
40a. Gonorrhoea	—	27	1	27	3	Death acute Nephri- tis
40b. Gon. Ophthalmia	1	—	—	1	—	
41. Septicaemia... ..	—	1	1	1	—	Gangrene of penis
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
50. Tumours	—	2	—	2	—	1 Hema- toma
51. Acute Rheumatism	2	20	3	22	1	
53. Scurvy	—	29	5	29	9	
54. Pellagra	—	6	1	6	—	
58e. Anaemia	—	1	—	1	—	
60. Thyroid Cyst	1	—	—	1	—	
64. Splenitis	—	1	—	1	—	
64. Abscess of Spleen	—	2	2	2	—	
69. Filariasis	—	1	—	1	—	
69. Pyaemia	1	1	1	2	—	Post-In- fluenzal
69. Debility	—	2	1	2	—	
Carried forward	19	561	106	580	39	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LIVINGSTONE HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	19	561	106	580	39	
III. AFFECTIONS OF NERVOUS SYSTEM AND ORGANS OF SENSES.						
71. Meningitis ...	—	7	2	7	—	
77. Dementia ...	—	4	—	4	1	
78. Epilepsy ...	2	6	—	8	—	
85 <i>b</i> . Conjunctivitis ...	1	20	—	21	2	
85 <i>c</i> . Trachoma ...	—	2	—	2	1	
85 <i>d</i> . Staphyloma ...	—	5	—	5	1	
85 <i>e</i> . Chemosis ...	—	1	—	1	—	
85 <i>e</i> . Entropion ...	—	2	—	2	—	
85 <i>e</i> . Iritis ...	—	1	—	1	—	
85 <i>e</i> . Cataract ...	—	1	—	1	—	
85 <i>e</i> . Blindness ...	—	3	—	3	—	
85 <i>e</i> . F. body in eye ...	—	1	—	1	—	
86. Otitis Media ...	—	1	—	1	—	
IV. AFFECTIONS OF CIRCULATORY SYSTEM.						
90 <i>a</i> . V.D. Heart ...	—	1	1	1	—	
93. Phlebitis ...	—	2	—	2	—	
94. Elephantiasis ...	—	4	—	4	—	
95. Haemorrhage (bowel) ...	—	1	1	1	—	
96. Ascites ...	—	2	1	2	—	
V. AFFECTIONS OF RESPIRATORY SYSTEM.						
97. Epistaxis ...	—	1	—	1	—	
99 <i>a</i> . Bronchitis ...	—	13	2	13	—	
100. Broncho-Pneumonia ...	—	36	19	36	—	
101 <i>b</i> . Pneumonia ...	1	24	15	25	—	
102. Pleurisy ...	—	7	2	7	—	
105. Asthma ...	—	1	—	1	—	
107. Pulmonary Oedema ...	—	1	1	1	—	
VI. DISEASES OF DIGESTIVE SYSTEM.						
108 <i>b</i> . Stomatitis ...	—	3	—	3	—	
109. Tonsillitis ...	—	1	1	1	—	
112. Dyspepsia ...	—	1	—	1	—	
112. Colic ...	—	1	—	1	—	
113. Diarrhoea and Enteritis (under 2) ...	—	12	4	12	—	
114. Diarrhoea and Enteritis (over 2)... ...	1	22	2	23	—	
Carried forward ...	24	748	157	772	44	

TABLE VIa—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LIVINGSTONE HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	24	748	157	772	44	
VI. DISEASES OF DIGESTIVE SYSTEM—continued.						
115. Ankylostomiasis ...	—	15	1	15	1	
117. Appendicitis ...	—	2	—	2	—	
118. Hernia ...	—	2	1	2	—	
119b. Constipation ...	—	7	—	7	1	
126. Peritonitis ...	—	2	2	2	—	
VII. DISEASES OF GENITO-URINARY SYSTEM.						
128. Acute Nephritis ...	—	1	—	1	—	
130b. Bilharzia ...	—	5	2	5	—	
131. Hematuria ...	—	2	—	2	—	
133. Cystitis ...	—	1	—	1	—	
134a. Stricture ...	—	1	—	1	—	
134b. Balanitis ...	—	2	—	2	—	
134b. Phimosis ...	—	2	—	2	—	
136. Hydrocele ...	—	1	—	1	—	
136. Orchitis ...	—	8	—	8	—	
141b. Retroverted Uterus ...	—	1	—	1	—	
142. Mastitis ...	—	1	—	1	—	
VIII. PUERPERAL STATE.						
143a. Normal Labour ...	—	11	1	11	—	
143b. (a) Abortion ...	—	2	—	2	—	
143b. (c) Ruptured Uterus ...	—	1	1	1	—	
143b. (c) Puerperal Mania ...	—	1	—	1	—	
143b. (c) Hyperemesis ...	—	1	—	1	—	
145. Retained placenta ...	—	5	—	5	—	
146. Puerperal Septicaemia ...	—	1	1	1	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
151. Malignant Oedema... ..	1	—	1	1	—	
151. Gangrene (cancrumoris) ...	—	1	1	1	—	
152. Boils and Carbuncles ...	—	4	—	4	1	
153. Abscess ...	—	29	—	29	1	
153. Ganglion ...	—	1	—	1	—	
153. Cellulitis ...	5	52	3	57	5	
154a. Tinea ...	—	1	—	1	—	
154b. Scabies ...	—	18	—	18	—	
155. Dermatitis ...	—	1	—	1	—	
155. Tropical Ulcers ...	11	142	5	153	34	
Carried forward ...	41	1072	176	1113	87	

TABLE VI_A—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.LIVINGSTONE HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	41	1072	176	1113	87	
X. DISEASES OF BONES AND OR- GANS OF LOCOMOTION.						
156. Osteomyelitis ...	—	3	—	3	—	
156. Necrosis of Jaw ...	—	1	1	1	—	
157. Synovitis ...	1	1	—	2	—	
XII. DISEASES OF INFANCY.						
160. Congenital Debility ...	—	1	1	1	—	
XIII. AFFECTIONS OF OLD AGE.						
164. Senility ...	—	1	—	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
171. Attempted Suicide (Cut Throat) ...	—	1	—	1	—	
176. Snake Bite ...	—	9	—	9	—	
178. Burns ...	4	6	2	10	—	
179. Scalds ...	—	2	—	2	—	
184. Wounds (by cutting) ...	1	30	—	31	1	Including lacera- tions
189. Dog Bite ...	1	—	—	1	—	
189. Lacerated Hand ...	—	1	—	1	—	Mauled by leopard
189. Lacerated Leg ...	—	1	—	1	—	Crocodile bite
201 <i>b</i> . Sprain ...	—	1	—	1	—	
201 <i>c</i> . Fractures ...	3	4	—	7	—	
202. Other External Injuries ...	1	76	1	77	6	
XV. ILL-DEFINED DISEASES.						
204. Moribund on admission ...	—	4	4	4	—	
205 <i>a</i> . Ainhum. ...	—	1	—	1	—	
205 <i>a</i> . Observation (for) ...	—	7	—	7	—	
205 <i>b</i> . Malingering ...	—	4	—	4	—	
Total ...	52	1226	185	1278	94	

REMARKS.—Differentiation under headings 185-188 is often impossible. These injuries are therefore all classed under 202.

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

MAZABUKA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	1	13	—	14	—	
6. Small-pox	—	19	3	19	5	
7. Measles	—	8	—	8	1	
10. Diphtheria	—	1	—	1	—	
11. Influenza	—	45	—	45	4	
13. Mumps	—	1	—	1	—	
16 <i>b</i> .Dysentery	—	2	1	2	—	
20. Leprosy	—	28	1	28	1	
24. Cerebro-spinal Meningitis ...	—	1	1	1	—	
25 <i>b</i> .Chicken-pox	—	40	—	40	1	
25 <i>g</i> .Yaws	—	169	—	169	6	
31. <i>P.</i> Tuberculosis	—	3	2	3	—	
38 <i>e</i> .Syphilis	1	51	—	52	5	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
44. Carcinoma of Liver	—	1	1	1	—	
69. General diseases unspecified	3	124	—	127	8	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
96. Pyaemia	—	1	1	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
101. Pneumonia	—	18	2	18	1	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
155. Tropical Ulcer	7	165	—	172	13	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
202. Unspecified Surgical Cases	7	133	2	140	12	
XV. ILL-DEFINED DISEASES.						
205. <i>A.</i> Onyalai	—	1	—	1	—	
Total	19	824	14	843	57	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. <i>Malaria</i> :						
(a) Sub-Tertian ...	4	69	—	73	2	
6. <i>Small-pox</i> :						
Alastrim 	—	1	—	1	—	
7. Measles 	—	1	—	1	—	
11. Influenza 	—	6	4	6	—	
13. Mumps 	—	3	—	3	—	
20. Leprosy 	3	5	—	8	1	
25. <i>Other Epidemic Diseases</i> :						
(b) Varicella (chicken- pox) 	—	2	—	2	—	
(g) Yaws 	—	16	—	16	—	
31. Pulmonary Tuberculosis ...	—	6	6	6	—	
33. Tuberculosis of the Intes- tines or Peritoneum ...	—	1	1	1	—	
38. <i>Syphilis</i> :						
(a) Primary 	2	38	—	40	1	
(d) Hereditary 	—	1	1	1	—	
40.A. Gonorrhoea 	—	2	—	2	—	
41. Septicaemia... 	—	3	3	3	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
54. Pellagra 	—	1	—	1	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
74. <i>Apoplexy</i> :						
(c) Thrombosis ...	—	2	2	2	—	
75. <i>Paralysis</i> :						
(a) Hemiplegia ...	—	1	—	1	—	
77. Other forms of Mental Alien- ation 	—	4	—	4	—	
78. Epilepsy 	—	1	—	1	—	
85. <i>Affections of the Organs of Vision</i> :						
(b) Conjunctivitis ...	—	12	—	12	—	
(c) Cataract 	—	3	—	3	—	
86. Affections of the Ear or Mas- toid sinus 	—	2	—	2	—	
Carried forward ...	9	180	17	189	4	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	9	180	17	189	4	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
93. <i>Diseases of the Veins</i> :						
Phlebitis	—	6	—	6	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99. <i>Bronchitis</i> :						
(a) Acute	—	26	—	26	3	
101. <i>Pneumonia</i> :						
(a) Lobar	—	4	1	4	1	
102. <i>Pleurisy</i>	—	1	—	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
108.B. <i>Other Affections of Mouth</i> :						
Glossitis	—	1	—	1	—	
113. <i>Diarrhoea and Enteritis</i> :						
Under two years ...	—	1	—	1	—	
114. <i>Diarrhoea and Enteritis</i> :						
Two years and over ...	—	7	—	7	—	
118. <i>Hernia</i>	—	3	1	3	—	
122. <i>Cirrhosis of the Liver</i> :						
(b) Other forms ...	—	1	1	1	—	
127. <i>Other Affections of the Dige- stive System</i> :						
Intussusception ...	—	1	1	1	—	
VII. DISEASES OF THE GENITO- URINARY SYSTEM.						
128. <i>Acute Nephritis</i>	—	1	1	1	—	
131. <i>Other Affections of the Kid- neys</i> :						
Pyelitis	—	1	1	1	—	
136. <i>Diseases (Non-Venereal) of the Genital Organs of Man</i> :						
Hydrocele	—	1	—	1	—	
141.B. <i>Other Affections of the Fe- male Genital Organs</i> :						
Dysmenorrhoea ...	—	1	—	1	—	
VIII. PUERPERAL STATE.						
143.A. <i>Normal Labour</i>	—	1	—	1	—	
Carried forward ...	9	236	23	245	8	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	9	236	23	245	8	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
153. Abscess :						
Cellulitis ...	—	18	—	18	—	
154. A. Tinea ...	—	3	—	3	—	
B. Scabies ...	—	12	—	12	—	
155. Other Diseases of the Skin :						
Chigoes ...	—	1	—	1	—	
155. Tropical Ulcers ...	15	123	—	138	18	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
166. Corrosive Poisoning :						
(Intentional) ...	—	1	—	1	—	
176. Attacks of Poisonous Animals :						
Snake bite ...	—	4	—	4	—	
178. Burns (by fire) ...	—	10	—	10	—	
184. Wounds (by cutting or stabbing instruments) ...	—	1	—	1	—	
185. Wounds (by fall) ...	4	79	—	83	7	
Wounds (by crushing) ...	—	1	1	1	—	
189. Injuries (inflicted by animals) ...	—	1	—	1	—	
201. C. Fracture ...	—	2	—	2	—	
Total ...	28	492	24	520	33	

TABLE VIA—continued

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

BROKEN HILL HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
1d. Enteric Fever	—	8	3	8	—	
5c. Malaria	—	4	—	4	—	
5e. Blackwater	—	1	—	1	—	
6. Small-pox	—	60	3	60	13	
7. Measles	2	6	—	8	—	
11. Influenza	39	717	29	756	39	
16b. Dysentery	1	30	14	31	1	
20. Leprosy	—	9	—	9	1	
24. Cerebro-spinal Fever ...	—	3	2	3	—	
25b. Chicken-pox	—	14	—	14	—	
25g. Yaws	—	11	—	11	1	
29. Tetanus	—	1	1	1	—	
31. Tuberculosis pul.	—	3	3	3	—	
33. „ Abdominal	—	4	4	4	—	
37a. „ Disseminated	—	8	8	8	—	
38b. Syphilis	6	65	2	71	4	
38c. Syphilis Gumma.	—	1	1	1	—	
40a. Gonorrhoea	—	12	—	12	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
44. Cancer of Liver	—	1	1	1	—	
49. Glioma	—	1	1	1	—	
52. Chronic Rheumatism ...	—	5	—	5	—	
54. Pellagra	—	4	—	4	—	
64. Splenic Abscess	2	3	2	5	2	
67. Lead Poisoning	—	10	—	10	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
77. Insanity	—	2	1	2	—	
78. Epilepsy	—	3	—	3	—	
85b. Conjunctivitis	—	22	—	22	1	
85e. Blindness	—	1	—	1	—	
86. Otitis	—	2	—	2	—	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
93. Phlebitis	—	17	—	17	—	
94. Lymphangitis	—	1	—	1	—	
Carried forward ...	50	1029	75	1079	62	

TABLE VI_A—continued.RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

BROKEN HILL HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	50	1029	75	1079	62	
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.						
99. Bronchitis ...	25	39	—	64	—	
100. Broncho-Pneumonia ...	1	3	—	4	—	
101a. Lobar Pneumonia ...	—	110	25	110	—	
102. Pleurisy ...	—	1	1	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
114. Diarrhoea ...	7	31	2	38	—	
115. Ankylostomiasis ...	—	5	—	5	—	
118. Hernia ...	1	1	—	2	—	
122. Cirrhosis of Liver ...	—	2	—	2	—	
127. Intestinal Thrombosis ...	—	2	2	2	—	
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).						
130b. Schistosomiasis ...	—	1	—	1	1	
138. Salpingitis ...	—	1	—	1	—	
VIII. PUERPERAL STATE.						
143a. Labour ...	—	5	3	5	—	
145. Retained Placenta ...	—	2	—	2	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
151. Gangrene ...	—	1	1	1	—	
152. Boil ...	—	12	—	12	—	
153. Abscess ...	3	42	—	45	6	
154b. Scabies ...	—	22	—	22	—	
155. Eczema ...	—	1	—	1	—	
155. Chigoes ...	—	2	—	2	1	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
176. Snake Bite ...	—	7	—	7	1	
178. Burns ...	—	30	2	30	5	
183. Wounds by Firearms ...	—	2	1	2	—	
184. Wounds by Spear ...	—	2	—	2	—	
186. Wounds ...	16	240	—	256	18	
189. Injuries from Lion ...	—	2	—	2	—	
201a. Dislocations ...	—	4	—	4	—	
Carried forward ...	103	1599	112	1702	94	

TABLE VIA—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.BROKEN HILL HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	103	1599	112	1702	94	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES— <i>contd.</i>						
201 <i>b</i> . Sprains	—	7	—	7	—	
201 <i>c</i> . Fractures	9	33	2	42	1	
XV. ILL-DEFINED DISEASES.						
205 <i>a</i> . Onyala	—	5	2	5	1	
205. Tropical Ulcers	20	160	1	180	11	
Total	132	1804	117	1936	107	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

NDOLA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	—	28	1	28	1	
11. Influenza	—	16	4	16	—	
16. Dysentery	—	4	1	4	—	
25 <i>b</i> . Chicken-pox	7	—	—	7	—	
25 <i>g</i> . Yaws	8	116	—	124	1	
38 <i>e</i> . Syphilis	—	28	1	28	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
69. Other General Diseases ...	—	80	5	80	9	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
101. Pneumonia	2	4	4	6	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
155. Tropical Ulcers	11	46	—	57	3	
155. Urticaria	1	—	—	1	—	
X. DISEASES OF BONES AND OR- GANS OF LOCOMOTION OTHER THAN TUBERCULEUS.						
157. Bursitis	1	—	—	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
Other External Injuries ...	2	31	2	33	—	
Total	32	353	18	385	14	

TABLE VI_A—continued.RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

FORT JAMESON HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	—	10	—	10	—	
11. Influenza	—	1	—	1	1	
Diarrhoea	—	4	1	4	—	
16. Dysentery	—	2	—	2	1	
20. Leprosy	1	10	—	11	3	
25 <i>b</i> . Chicken-pox	—	3	—	3	—	
25 <i>h</i> . Trypanosomiasis	—	22	8	22	1	
31. Tuberculosis (pulmonary)... ..	—	3	—	3	—	
38 <i>e</i> . Syphilis	3	51	—	54	3	
40 <i>a</i> . Gonorrhoea	—	1	—	1	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Chronic Rheumatism	—	4	—	4	1	
54. Pellagra	—	6	—	6	3	
58. Anaemia	—	2	—	2	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
75. Paralysis	—	1	—	1	—	
78. Epilepsy	—	3	—	3	—	
77. Mental	—	1	—	1	1	
84. Lumbago	—	1	—	1	1	
85 <i>e</i> . Iritis	—	1	1	1	—	
85 <i>b</i> . Conjunctivitis	—	2	—	2	—	
85 <i>e</i> . Cataract	—	2	—	2	2	
85 <i>d</i> . Tumour of Orbit	—	1	—	1	—	
85 <i>e</i> . Other affections of Eye	—	6	—	6	—	
86. Affection of Ear	—	2	—	2	—	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
94. Lymphadenitis	—	1	—	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99. Bronchitis	—	3	—	3	—	
101. Pneumonia	—	11	6	11	—	
102. Pleurisy	—	2	—	2	—	
Carried forward ...	4	156	16	160	17	

TABLE VI_A—*continued*.RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.FORT JAMESON HOSPITAL—*continued*.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	4	156	16	160	17	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
114. Colitis ...	—	9	—	9	—	
115. Ankylostomiasis ...	—	4	—	4	—	
118. Hernia ...	—	2	—	2	—	
VII. DISEASES OF THE GENITO- URINARY SYSTEM (NON-VEN- EREAL).						
130.B. Schistosomiasis ...	—	4	—	4	—	
136. Hydrocele ...	—	1	1	1	—	
VIII. PUERPERAL STATE.						
143.A. Normal Labour ...	—	1	—	1	—	
143.B.c. Retained Placenta ...	—	2	1	2	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
152. Boils ...	—	1	—	1	—	
153. Abscess ...	—	9	—	9	—	
153. Whitlow ...	—	1	—	1	—	
153. Cellulitis ...	1	12	—	13	—	
154.B. Scabies ...	—	22	—	22	3	
155. Corns ...	—	2	—	2	—	
155. Chigoes ...	—	6	—	6	—	
155. Tropical Ulcers ...	10	21	—	31	6	
155. Ulcers ...	—	87	—	87	11	
X. DISEASES OF BONES AND OR- GANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).						
158. Osteomyelitis ...	—	1	1	1	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
175. Food Poisoning ...	—	4	—	4	—	
176. Snake Bite ...	—	3	—	3	—	
178. Burns ...	1	9	2	10	—	
183. Wounds, Firearms ...	—	1	—	1	—	
184. Wounds, Spear ...	—	3	—	3	—	
185. Wounds, Accidents ...	—	2	1	2	—	
201.B. Sprain ...	—	1	—	1	—	
201.C. Fracture ...	—	5	1	5	3	
202. External Injuries ...	5	43	—	48	2	
XV. ILL-DEFINED DISEASES.						
205.A. Not diagnosed ...	—	4	—	4	—	
Total ...	21	416	23	437	42	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

KASAMA HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
3. Relapsing Fever	—	3	1	3	—	
5. Malaria	—	11	—	11	—	
11. Influenza	—	41	—	41	2	
20. Leprosy	1	7	—	8	3	
25 <i>b</i> . Varicella	—	22	—	22	12	
<i>g</i> . Yaws	—	14	—	14	2	
<i>h</i> . Trypanosomiasis	—	1	—	1	—	
38 <i>b</i> . Syphilis, Secondary	3	36	—	39	2	
Syphilis, Hereditary	—	2	2	2	—	
40 <i>a</i> . Gonorrhoea	—	1	—	1	—	
41. Septicaemia... ..	—	1	1	1	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Rheumatism	2	31	—	33	—	
58 <i>b</i> . Anaemia	—	4	—	4	—	
69. Debility	—	31	—	31	1	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
75 <i>b</i> . Paralysis	—	1	—	1	—	
77. Mental	—	2	—	2	—	
78. Epilepsy	—	2	—	2	1	
85 <i>b</i> . Conjunctivitis	—	6	—	6	—	
86. Otorrhoea	—	1	—	1	—	
IV. AFFECTIONS OF THE CIRCULA- TORY SYSTEM.						
93. Haemorrhoids	—	1	—	1	—	
94. Lymphangitis	—	2	—	2	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99. Bronchitis	—	3	—	3	—	
101 <i>a</i> . Pneumonia	—	3	—	3	—	
102. Pleurisy	—	1	—	1	—	
107. Haemoptysis	—	1	—	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
108 <i>A</i> . Dental Caries	—	1	—	1	—	
<i>B</i> . Stomatitis	—	4	—	4	—	
Carried forward	6	233	4	239	23	

TABLE VIA—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.KASAMA HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	6	233	4	239	23	
VI. DISEASES OF THE DIGESTIVE SYSTEM— <i>continued.</i>						
115. Ankylostomiasis ...	—	1	—	1	—	
116. Nematoda ...	—	1	—	1	—	
VII. DISEASES OF THE GENITO- URINARY SYSTEM (NON-VEN- EREAL).						
136. Hydrocele ...	1	1	—	2	—	
141.A. Endometritis ...	—	1	—	1	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
153. Abscess, Cellulitis ...	—	6	—	6	—	
154.B. Scabies ...	—	5	—	5	—	
155. Elephantiasis ...	—	2	—	2	—	
Tropical Ulcer ...	1	23	—	24	3	
Eczema ...	—	2	—	2	2	
X. DISEASES OF BONES AND OR- GANS OF LOCOMOTION.						
156. Osteomyelitis ...	2	1	—	3	1	
157. Synovitis ...	—	2	—	2	—	
159. Spinal Curvature ...	—	4	—	4	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
176. Snake Bite ...	—	3	—	3	1	
178. Burns ...	—	3	—	3	—	
179. Scalds ...	—	—	—	—	—	
183. G.S.W. (old) ...	—	1	—	1	—	
184. Incised wounds ...	—	5	—	5	—	
185. Lacerated Wounds... ..	—	13	—	13	1	
189. Lion, Leopard Bite ...	—	4	1	4	2	
201.A. Dislocation ...	—	2	—	2	—	
C. Fracture ...	—	5	1	5	—	
202. Shock ...	—	1	—	1	—	
Foreign Body ...	—	2	—	2	—	
XV. ILL-DEFINED DISEASE.						
204. Unknown ...	—	5	1	5	—	
Total ...	10	326	7	336	33	

TABLE VIA—*continued*.RETURN OF DISEASES AND DEATHS (NATIVE INPATIENTS).
FOR THE YEAR 1927.

MONGU HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
EPIDEMIC AND INFECTIOUS DI- SEASES.						
Malaria, Aestivo-Autumnal ...	4	131	2	135	1	
Alastrim	—	5	—	5	1	
Measles	—	2	—	2	—	
Whooping Cough	—	1	—	1	—	
Influenza	—	55	1	55	—	
Dysentery, Bacillary	1	3	—	4	—	
Relapsing Fever	—	—	—	—	—	
Cerebro-spinal Meningitis ...	—	1	1	1	—	
Leprosy	1	—	—	1	—	
Tuberculosis, Pulmonary ...	—	1	—	1	—	
Syphilis, Secondary	—	12	—	12	3	
Gonorrhoea	—	8	—	8	—	
GENERAL DISEASES.						
Sarcoma of Jaw... ..	—	1	—	1	—	
Tumours, Non-malignant ...	—	2	—	2	—	
Acute Rheumatism	—	4	—	4	—	
Chronic Rheumatism	—	15	—	15	—	
Scurvy	—	1	—	1	—	
Anaemia, Simple	—	1	—	1	—	
Splenic Congestion	—	1	—	1	—	
Splenitis	1	3	—	4	—	
AFFECTIONS OF NERVOUS SYSTEM.						
Dementia	—	2	—	2	—	
Infantile Convulsions	—	1	1	1	—	
Neuritis	—	3	—	3	—	
Progressive Muscular Atrophy	—	1	—	1	—	
AFFECTIONS OF ORGANS OF VISION.						
Conjunctivitis	—	9	—	9	—	
Corneal Ulcer	—	1	—	1	—	
AFFECTIONS OF EAR.						
Otitis	—	1	—	1	—	
AFFECTIONS OF CIRCULATORY SYS- TEM.						
Valvular Mitral	1	—	1	1	—	
Valvular Aortic	1	—	1	1	—	
Carried forward ...	9	265	7	274	5	

TABLE VIA—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.MONGU HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	9	265	7	274	5	
DISEASES OF LYMPHATIC SYSTEM.						
Lymphangitis	—	3	—	3	—	
Lymphadenitis	—	1	—	1	—	
AFFECTIONS OF RESPIRATORY SYSTEM.						
Rhinitis	—	1	—	1	—	
Bronchitis	—	6	—	6	—	
Pneumonia, Lobar	—	10	4	10	—	
Pleurisy	—	4	—	4	—	
Other Diseases	—	3	—	3	—	
DISEASES OF DIGESTIVE SYSTEM.						
Tonsillitis	—	4	—	4	—	
Ulcer of Stomach	—	2	—	2	—	
Gastritis	—	4	—	4	—	
Enteritis, over 2 years	—	8	—	8	—	
Intestinal Parasites: Cestoda ; Taenia Saginata	—	5	—	5	—	
Hernia	—	1	—	1	—	
Intestinal Colic	—	5	—	5	1	
DISEASES OF GENITO-URINARY SYSTEM (NON-VENEREAL).						
Haematuria	—	1	—	1	—	
Cystitis	—	1	—	1	—	
Stricture	—	1	—	1	—	
Orchitis	—	1	—	1	—	
PUERPERAL STATE.						
Uterine Inertia	—	2	2	2	—	
AFFECTIONS OF SKIN AND CELLULAR TISSUES.						
Abscess	—	16	—	16	—	
Whitlow	—	3	—	3	—	
Cellulitis	—	23	—	23	1	
Scabies	—	2	—	2	—	
Eczema	—	5	—	5	—	
Impetigo	1	2	—	3	—	
Fibrositis	—	—	—	—	—	
Ulcer	—	5	—	5	2	
Carried forward ...	10	384	13	394	9	

TABLE VIa—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

MONGU HOSPITAL—continued.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	10	384	13	394	9	
DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOSIS).						
Arthritis	—	1	—	1	—	
Synovitis	—	8	—	8	—	
DISEASES OF INFANCY.						
Marasmus	—	1	1	1	—	
AFFECTIONS PRODUCED BY EXTER- NAL CAUSES.						
<i>Attacks of Poisonous Animals :</i>						
Snake Bite	—	2	—	2	—	
Scorpion Sting	—	1	—	1	—	
Burns (by Fire)	—	8	—	8	1	
Wounds (by Firearms)	—	1	—	1	—	
<i>Injuries inflicted by Animals :</i>						
Crocodile Bite	—	1	—	1	—	
Dog Bite	—	2	—	2	—	
Dislocation	—	1	—	1	—	
Sprain	—	3	—	3	—	
Other External Injuries ...	1	9	—	10	1	
ILL-DEFINED DISEASES.						
Asthenia	—	2	1	2	—	
Oedema	—	2	—	2	2	
Observation	—	6	—	6	3	
Total	11	432	15	443	16	

TABLE VIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

FORT ROSEBERRY HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	1	22	—	23	—	
7. Measles	—	1	—	1	—	
11. Influenza	—	12	1	12	—	
20. Leprosy	—	2	—	2	—	
25.B. Chicken-pox	—	1	—	1	—	
25.G. Yaws	8	83	—	91	7	
38.C. Syphilis	1	30	—	31	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Rheumatism	—	2	—	2	—	
69. Other General Unspecified	—	23	—	23	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
84. Lumbago	—	1	—	1	—	
85.C. Trachoma	—	2	—	2	—	
85.B. Acute Conjunctivitis	—	1	—	1	—	
85.C. Iritis	—	2	—	2	—	
86. Otitis Media	—	1	1	1	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99. Bronchitis	—	1	—	1	—	
102. Pleurisy	—	1	—	1	—	
102. Empyema	—	1	—	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
108.B. Cancrum Oris	—	1	1	1	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.						
153. Abscess	—	8	—	8	—	
155. Tropical Ulcers	2	2	—	4	—	
155. Jiggers	—	2	—	2	—	
155. Ulcers	—	23	1	23	—	
155. Itch	—	5	—	5	—	
Carried forward ...	12	227	4	239	7	

TABLE VI_A—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.FORT ROSEBERY HOSPITAL—*continued.*

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
Brought forward ...	12	227	4	239	—	
X. DISEASES OF BONES AND OR- GANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).						
156. Periostitis	—	1	—	1	—	
157. Arthritis	—	1	—	1	—	
158. Ainhum	—	2	—	2	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
178. Burns	—	4	2	4	—	
201.C. Compound Fracture ...	—	1	—	1	—	
202. Trifling surgical, unspecified	2	17	—	19	—	
XV. ILL-DEFINED DISEASES.						
204. Moribund	—	2	2	2	—	
205. Observation	—	3	—	3	—	
205.A. Glandular Enlargement...	—	1	—	1	—	
Total	14	259	8	273	7	

TABLE VI_A—continued.RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

SOLWEZI HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
3. Relapsing Fever	—	1	—	1	—	
5. Malaria	—	1	—	1	—	
20. Leprosy	—	3	—	3	—	
25g. Yaws	9	783	—	792	38	
35. Tuberculosis of Bones	—	2	—	2	—	
36e. Tubercular Keratitis	—	1	—	1	—	
38a. Primary Syphilis	—	2	—	2	—	
38b. Secondary Syphilis	—	6	—	6	2	
40a. Gonorrhoea	—	1	—	1	—	
44. Cancer of Stomach... ..	—	1	—	1	—	
52. Chronic Rheumatism	—	3	—	3	—	
58a. Pernicious Anaemia	—	1	1	1	—	
60b. Goitre	—	6	—	6	—	
65. Myelogenous Leuchaemia	—	1	—	1	—	
76. G.P.I.	1	—	1	1	—	
82b. Neuritis	—	1	—	1	1	
85b. Conjunctivitis	—	1	—	1	—	
85c. Trachoma	—	4	—	4	1	
85e. Ophthalmia	—	2	—	2	—	
86. Otitis Media	—	1	—	1	—	
94. Bubo	—	1	—	1	—	
96. Elephantiasis	—	2	—	2	—	
99b. Chronic Bronchitis	—	1	—	1	—	
101a. Lobar Pneumonia	—	2	1	2	—	
108a. Dental Caries	—	1	—	1	—	
154b. Scabies	—	3	—	3	—	
155. Eczema	—	1	—	1	—	
158. Septic Ankylosis	—	1	—	1	—	
178. Burns	—	3	—	3	—	
183. Gunshot Wounds	1	—	—	1	—	
184. Cuts	1	2	—	3	—	
188. Crushed Wound	—	1	—	1	—	
189. Animal Bites	—	2	—	2	1	
201c. Fractures	—	1	1	1	—	
205.A. Asthenia	—	2	—	2	—	
<i>Not Classified :</i>						
Tropical Ulcers	4	26	—	30	—	
Other Ulcers	—	1	—	1	—	
Total	16	871	4	887	43	

TABLE VI_A—continued.RETURN OF DISEASES AND DEATHS (NATIVE IN-PATIENTS)
FOR THE YEAR 1927.

ABERCORN HOSPITAL.

Diseases	R. 1926	Yearly Total		Total Cases Treat- ed	R. 1927	Remarks
		Adms.	Deaths			
I. EPIDEMIC, ENDEMIC AND INFEC- TIOUS DISEASES.						
5. Malaria	—	2	—	2	—	
6. Small-pox	—	19	—	19	—	
20. Leprosy	—	2	—	2	—	
31. Tuberculosis, pulmonary ...	—	1	—	1	—	
38a.Syphilis, 1st	—	1	—	1	1	
38a.Siphilis, 2nd	—	1	—	1	—	
II. GENERAL DISEASES NOT MEN- TIONED ABOVE.						
52. Chronic Rheumatism ...	—	8	—	8	—	
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.						
75b.Paralysis	—	2	—	2	1	
78. Epilepsy	—	2	—	2	—	
79. Convulsions	—	1	1	1	—	
85a.Corneal Ulcer	—	1	—	1	—	
Panophthalmitis	—	1	—	1	—	
85b.Conjunctivitis	—	5	—	5	—	
V. AFFECTIONS OF THE RESPIRA- TORY SYSTEM.						
99a.Bronchitis, Acute	—	3	—	3	—	
101a.Pneumonia, Lobar	—	1	1	1	—	
VI. DISEASES OF THE DIGESTIVE SYSTEM.						
112. Dyspepsia	—	1	—	1	—	
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES						
154.B. Scabies	—	1	—	1	—	
155. Elephantiasis	—	2	—	2	—	
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
178. Burn	—	4	—	4	1	
183. Gunshot Wound	—	1	—	1	—	
184. Cut	—	1	—	1	1	
185. Wound by Fall	—	1	—	1	—	
189. Wound by Bite	—	1	—	1	—	
Total	—	62	2	62	4	

NOTA BENE.—Above figures are for the period August 1st to December 31st, 1927. The station was opened as a medical one on the former date.

TABLE VII.
RETURN OF DISEASES AND DEATHS (EUROPEAN OUT-PATIENTS)
FOR THE YEAR 1927.
MAZABUKA HOSPITAL.

Diseases						No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.							
5.	Malaria	Haemoglobinuria	...	...	...	2	—
5.	Malaria	...	...	...	...	39	—
5e.	Blackwater	Fever	...	...	...	1	—
7.	Measles	...	...	...	...	1	—
11.	Influenza	...	...	...	...	4	—
25b.	Chicken-pox	...	...	...	...	4	—
38.	Syphilis	...	...	...	...	2	—
51.	Acute Rheumatism	...	...	...	...	2	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.							
69.	Gout	...	...	...	...	2	—
69.	Minor Complaints	...	...	...	...	19	—
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.							
82c.	Neurasthenia	...	...	...	...	1	—
VI. DISEASES OF THE DIGESTIVE SYSTEM.							
109.	Tonsillitis	...	...	...	...	5	—
113.	Diarrhoea	...	...	...	...	4	—
117.	Acute Appendicitis	...	...	...	...	1	—
117.	Chronic Appendicitis	...	...	...	...	1	—
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).							
128.	Nephritis	...	...	...	...	1	—
133.	Cystitis	...	...	...	...	2	—
139.	Uterine Fibroid	...	...	...	...	1	—
VIII. PUERPERAL STATE.							
143.	B.a. Abortion	...	...	...	...	1	—
Total ...						93	—

TABLE VII—*continued*RETURN OF DISEASES AND DEATHS (EUROPEAN OUT-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL.

Diseases	No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
5. Malaria	159	—
Blackwater	8	2
7. Measles	50	—
11. Influenza	12	—
25. Rubeola	2	—
31. Tuberculosis, Pulmonary	5	—
38. Syphilis (a) Primary	4	—
40.A. Gonorrhoea	1	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
43. Cancer	1	—
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
74a. Apoplexy Haemorrhage	1	—
77. Insanity	1	—
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.		
99. Bronchitis	15	—
100. Broncho-Pneumonia	2	2
101a. Lobar Pneumonia	2	1
VI. DISEASES OF THE DIGESTIVE SYSTEM.		
109. Tonsillitis	2	—
114. Enteritis	18	1
117. Appendicitis	1	—
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).		
133. Cystitis	2	—
136. Hydrocele	2	—
137. Cyst-Ovarian	1	—
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.		
153. Abscess	1	—
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
188. Accidents	2	—
201.C. Fracture	1	—
Total	293	6

TABLE VII—continued.

RETURN OF DISEASES AND DEATHS (EUROPEAN OUT-PATIENTS)
FOR THE YEAR 1927.

FORT JAMESON HOSPITAL.

Diseases	No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
5. Malaria	50	—
5e. Blackwater	1	—
7. Measles	1	—
9. Whooping Cough	1	—
10. Diphtheria	1	—
11. Influenza	6	—
38e. Syphilis	7	—
40.A. Gonorrhoea	7	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
52. Chronic Rheumatism	2	—
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
80. Infantile Convulsions	1	—
84. Sciatica	1	—
85e. Ophthalmia	1	—
IV. AFFECTIONS OF THE CIRCULATORY SYSTEM.		
90a. Valvular Disease of Heart	3	—
93. Haemorrhoids	1	—
96. Haematoma	1	—
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.		
97. Coryza	1	—
99. Bronchitis	7	—
101. Pneumonia	1	—
105. Asthma	2	—
VI. DISEASES OF THE DIGESTIVE SYSTEM.		
108.B. Stomatitis	1	—
109. Pharyngitis	1	—
114. Diarrhoea	1	—
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).		
131. Floating Kidney	1	—
VIII. PUERPERAL STATE.		
143.A. Normal Labour	1	—
Carried forward	100	—

TABLE VII—*continued.*RETURN OF DISEASES AND DEATHS (EUROPEAN OUT-PATIENTS)
FOR THE YEAR 1927.FORT JAMESON HOSPITAL—*continued.*

Diseases	No. of Cases	Deaths
Brought forward	100	—
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.		
152. Carbuncle	1	—
153. Whitlow	1	—
153. Cellulitis	1	—
155. Impetigo	2	—
X. DISEASES OF BONES AND ORGANS OF LOCO- MOTION (OTHER THAN TUBERCULOUS).		
157. Synovitis	1	—
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
175. Food Poisoning	1	—
178. Burns	3	—
194. Sunstroke	1	—
201.A. Dislocation	1	—
201.B. Sprain	1	—
202. External Injuries	4	—
Total	117	—

TABLE VII—continued.

RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE YEAR 1927.

KASAMA HOSPITAL.

Diseases	Male	Female
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
5. Malaria	6	5
11. Influenza	8	9
38b. Syphilis	1	—
40. Gonorrhoea	1	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
52. Rheumatism	3	—
58b. Anaemia	1	1
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
84. Neuralgia	—	1
85b. Conjunctivitis	—	1
e. Iritis	1	—
86. Otitis, Otorrhoea Cerumen	4	1
IV. AFFECTIONS OF THE CIRCULATORY SYSTEM.		
94. Lymphadenitis	2	—
93. Haemorrhoids	1	—
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.		
97. Coryza	1	2
105. Asthma	—	1
VI. DISEASES OF THE DIGESTIVE SYSTEM.		
108.A. Dental Caries	16	10
112. Dyspepsia, Hyperemesis	1	3
113. Diarrhoea (under 2 years)	1	—
114. Diarrhoea	1	—
127. Anorexia	—	1
VIII. PUERPERAL STATE.		
143.B.c. Hyperemesis	—	1
IX. AFFECTIONS OF SKIN AND CELLULAR TISSUES.		
153. Abscess, Cellulitis	1	1
X. DISEASES OF BONES AND ORGANS OF LOCOMOTION.		
158. Bursitis	1	—
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
179. Burn (Scald)	—	1
184. Wound (Stab)	—	1
Carried forward	50	39

TABLE VII—*continued.*RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE
YEAR 1927.KASAMA HOSPITAL—*continued*

Diseases						Male	Female
Brought forward						50	39
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES— <i>continued.</i>							
185. Wound (Fall)	...	...	...	...	...	1	—
201. <i>B.</i> Sprain	...	...	...	...	...	2	1
<i>A.</i> Dislocation, Cartilage	...	...	...	...	...	1	—
202. Vaccinia	...	...	...	...	...	—	1
Bruises	...	...	...	...	...	1	—
Total						55	41

TABLE VII—continued.

RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE
YEAR 1927.

MONGU HOSPITAL.

Diseases	Male	Female
EPIDEMIC AND INFECTIOUS DISEASES.		
Malaria, Aestivo-Autumnal	5	1
Influenza	1	—
Tuberculosis, Pulmonary	1	—
Syphilis, Secondary	2	—
Gonorrhoea	1	—
GENERAL DISEASES.		
Chronic Rheumatism	3	—
Splenic Congestion	1	—
AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
Neuralgia	2	1
Neuritis	1	—
DISEASES OF THE EYE.		
Conjunctivitis	1	1
AFFECTIONS OF CIRCULATORY SYSTEM.		
<i>Diseases of Veins :</i>		
Haemorrhoids	1	3
DISEASES OF LYMPHATIC SYSTEM.		
Lymphadenitis (Non-specific)	—	1
AFFECTIONS OF RESPIRATORY SYSTEM.		
<i>Diseases of Nasal Passages :</i>		
Rhinitis	1	—
Coryza... ..	—	1
Pleurisy	2	—
Other Diseases	4	4
DISEASES OF DIGESTIVE SYSTEM.		
<i>Diseases of Teeth or Gums :</i>		
Caries	1	—
AFFECTIONS OF PHARYNX OR TONSILS.		
Tonsillitis	1	3
Ulcer of Stomach	—	—
Other Affection of Stomach	2	—
Gastritis	2	1
Dyspepsia	3	1
Enteritis	4	2
Colitis	4	1
Carried forward	43	20

TABLE VII.—*continued*RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE
YEAR 1927.MONGU HOSPITAL—*continued*.

Brought forward	43	20
DISEASES DUE TO INTESTINAL PARASITES.		
Nematoda Oxyuris	—	1
Hernia	1	—
Other Affections of Digestive System ...	—	1
DISEASES OF GENITO-URINARY SYSTEM (NON- VENEREAL).		
<i>Female Genital Organs :</i>		
Menorrhagia	—	1
Dysmenorrhoea	—	1
PUERPERAL STATE.		
<i>Accidents or Pregnancy :</i>		
Abortion	—	1
Premature Birth	—	2
AFFECTIONS OF SKIN AND CELLULAR TISSUES.		
Erythema	1	—
Whitlow	1	—
Cellulitis	3	1
Scabies	1	1
Fibrositis	3	—
AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
<i>Injuries Inflicted by Animals :</i>		
Dog Bite	1	—
Other External Injuries	1	—
ILL-DEFINED DISEASES.		
Debility	1	—
Total	56	29

TABLE VII—*continued.*RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE
YEAR 1927.

FORT ROSEBERY HOSPITAL.

Diseases						No. of Cases	Remarks
Constipation	...	...	...	...	...	4	
Veldt Sores...	...	...	...	...	...	2	
Conjunctivitis	...	...	...	...	...	2	
Tooth Extraction	...	...	...	...	...	2	
Inflamed Insect Bites	...	...	...	...	...	4	
Jaundice	...	...	...	...	...	1	
Seborrhoea Capitis	...	...	...	...	...	1	
Colic	...	...	...	...	...	2	
Total						18	

TABLE VII—*continued.*RETURN OF DISEASES (EUROPEAN OUT-PATIENTS) FOR THE
YEAR 1927.

SOLWEZI HOSPITAL.

Diseases							No. of Cases	Remarks
Malaria	...	...	...	...	...	...	1	
Influenza	...	...	...	...	...	...	5	One died— Pneumonia
Leprosy	...	...	...	...	...	...	1	Died—Sen- ility and heart-failure
Goitre, Parenchymatous	...	...	...	...	...	...	1	
Neurasthenia	...	...	...	...	...	...	1	
Schistosomiasis	...	...	...	...	...	...	1	
Acute Tonsillitis	...	...	...	...	...	...	1	
Whitlow	...	...	...	...	...	...	1	
Dental	...	...	...	...	...	...	1	
Concussion and Cut Face...	...	...	...	...	...	...	1	One S.W.G. suture
Sprained Ankle	...	...	...	...	...	...	1	
Artificial Menopause	...	...	...	...	...	...	1	
Veldt Sore	...	...	...	...	...	...	1	
Neuralgia	...	...	...	...	...	...	1	
Teething and Bronchitis	...	...	...	...	...	...	1	
Total							19	

TABLE VIIa.
RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.
LIVINGSTONE HOSPITAL.

There were 1,334 Native Out-Patients during the year and total attendances 6,470.

The principal diseases treated were Minor Injuries, Syphilis, Scabies, Chest Complaints, Conjunctivitis, Dental Caries and Constipation.

TABLE VIIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE OUT-PATIENTS)
FOR THE YEAR 1927.

LUSAKA HOSPITAL.

Diseases	No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
5. Malaria	38	—
6. Small-pox	42	—
16. Dysentery	9	—
25g. Yaws	6	—
33. Tubercular Peritonitis	1	—
38a. Syphilis	42	1
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
53. Scurvy	1	—
IV. AFFECTIONS OF THE CIRCULATORY SYSTEM.		
90. Heart Disease, Aortic	1	1
XVI. DISEASES, THE TOTAL OF WHICH HAVE NOT CAUSED 10 DEATHS	753	3
Total	893	5

TABLE VIIA—*continued*RETURN OF DISEASES AND DEATHS (NATIVE OUT-PATIENTS)
FOR THE YEAR 1927.

FORT JAMESON HOSPITAL.

Diseases	No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
3. Relapsing Fever	1	—
5. Malaria	22	—
11. Influenza	12	—
16. Dysentery	1	—
20. Leprosy	1	—
38e. Syphilis	28	—
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
85e. Ophthalmic Disease	7	—
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.		
155. Tropical Ulcers	120	—
Surgical, Unspecified	247	—
General, Unspecified	190	—
Total	629	—

TABLE VIIA—continued.

RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.

KASAMA HOSPITAL.

Diseases	Male	Female
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
3. Relapsing Fever	1	1
5. Malaria	115	51
11. Influenza	73	37
38b. Syphilis	5	2
40. Gonorrhoea	1	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
52. Rheumatism	96	42
58b. Anaemia	4	3
69. Debility	18	7
III. AFFECTIONS OF NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
77. Mental	—	2
78. Epilepsy	2	1
82. Neuritis, Neuralgia	16	2
85. Conjunctivitis, Keratitis	81	63
86. Otorrhoea, Cerumen	6	4
IV. AFFECTIONS OF CIRCULATORY SYSTEM.		
94. Lymphadenitis	5	—
V. AFFECTIONS OF RESPIRATORY SYSTEM.		
99. Bronchitis	131	107
102. Pleurisy	4	—
VI. DISEASES OF DIGESTIVE SYSTEM.		
108.A. Dental Caries	9	5
B. Stomatitis	6	3
109. Pharyngitis, Tonsillitis	4	2
112. Dyspepsia	12	—
113. Diarrhoea (under 2 years)	29	26
114. Diarrhoea (over 2 years)	28	7
119. Constipation	56	62
VIII. PUERPERAL STATE.		
145. Retained Placenta	—	1
IX. AFFECTIONS OF SKIN AND CELLULAR TISSUES.		
152. Boils	21	6
153. Cellulitis, Ulcers	147	55
154.A. Tinea	1	1
B. Scabies	101	36
155. Eczema, Ringworm	4	1
Tropical Ulcer	12	6
Carried forward	988	533

TABLE VIIA—*continued.*RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.KASAMA HOSPITAL—*continued.*

Diseases	Male	Female
Brought forward	988	533
X. DISEASES OF BONES AND ORGANS OF LOCOMOTION.		
157. Synovitis	4	—
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
176. Scorpion Bite	1	—
178. Burn... ..	49	35
179. Scald	—	1
184. Cut, Incised Wounds	144	65
185. Lacerated Wounds... ..	122	41
189. Bites, Dog, Monkey	14	3
201.B. Sprain	5	—
C. Fracture	1	—
202. Bruises	30	9
203. Unknown (Febricula, etc.)	14	5
Foreign Body in Ear	1	1
Total	1373	693

TABLE VIIA—continued.

RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.

MONGU HOSPITAL.

Diseases	Male	Female
EPIDEMIC AND INFECTIOUS DISEASES.		
Malaria, Aestivo-Autumnal	173	23
Whooping Cough	1	—
Influenza	20	4
Leprosy	3	1
Tuberculosis, Pulmonary	1	—
Syphilis, Secondary	23	7
Gonorrhoea	20	—
Alastrim	7	—
GENERAL DISEASES.		
Tumours, Non-malignant	1	2
Chronic Rheumatism	93	21
Anaemia, Simple	3	—
Splenic Congestion	5	—
AFFECTIONS OF NERVOUS SYSTEM.		
Hemiplegia	1	—
Neuritis	3	—
Neuralgia	50	6
AFFECTIONS OF ORGANS OF VISION.		
Conjunctivitis	407	168
Trachoma	—	1
Other Diseases of Eye	7	—
AFFECTIONS OF EAR.		
Otitis and Otagia	52	16
Other Diseases of Ear	7	—
AFFECTIONS OF CIRCULATORY SYSTEM.		
Valvular Mitral	1	—
Myocarditis	—	2
Diseases of Arteries, Arterio-Sclerosis	6	1
Diseases of Veins, Haemorrhoids	2	1
Varicose Veins	1	—
DISEASES OF LYMPHATIC SYSTEM.		
Lymphadenitis (Non-specific)	7	3
Other Affections of Circulatory System	—	1
AFFECTIONS OF RESPIRATORY SYSTEM.		
<i>Diseases of Nasal Passages :</i>		
Rhinitis	1	1
Coryza... ..	4	—
Sinusitis	1	—
Other Diseases	1	—
Carried forward	901	258

TABLE VIIA—continued.

RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.

MONGU HOSPITAL—continued.

Diseases	Male	Female
Brought forward	901	258
AFFECTIONS OF RESPIRATORY SYSTEM.— <i>contd.</i>		
<i>Affections of Larynx :</i>		
Laryngitis	7	8
Bronchitis	8	1
Pleurisy	1	—
Other Diseases	186	63
DISEASES OF DIGESTIVE SYSTEM.		
Dental Caries	21	15
Pyorrhoea	10	19
Stomatitis	1	3
<i>Affections of Pharynx and Tonsils.</i>		
Tonsillitis	1	2
Pharyngitis	4	—
<i>Other Affections of Stomach :</i>		
Gastritis	1	—
Dyspepsia	23	7
Enteritis (over 2 years)	73	30
DISEASES DUE TO INTESTINAL PARASITES.		
Cestoda ; Taenia Saginata	1	1
OTHER AFFECTIONS OF INTESTINES.		
Constipation	105	22
Enteralgia	11	11
DISEASES OF GENITO-URINARY SYSTEM (NON- VENEREAL).		
Chronic Nephritis	1	1
Epididymitis	2	—
OTHER AFFECTIONS OF FEMALE GENITAL OR- GANS.		
Amenorrhoea	—	1
Dysmenorrhoea	—	4
DISEASES OF BREAST (NON-PUERPERAL).		
Mastitis	—	2
AFFECTIONS OF SKIN AND CELLULAR TISSUES.		
Boil	5	—
Abscess	83	27
Cellulitis	67	14
Fibrositis	71	11
Carried forward	1583	500

TABLE VIIA—*continued.*RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.MONGU HOSPITAL—*continued.*

Diseases	Male	Female
Brought forward	1583	500
AFFECTIONS OF SKIN AND CELLULAR TISSUES.— <i>continued</i> —		
Ulcers	32	17
Scabies	222	36
Eczema	10	1
Herpes	1	1
Acne	—	1
Impetigo	4	2
DISEASES OF BONES AND ORGANS OF LOCO- MOTION.		
<i>Diseases of Joints :</i>		
Arthritis	1	—
Synovitis	3	—
AFFECTIONS PRODUCED BY EXTERNAL CAUSES.		
<i>Attacks of Poisonous Animals :</i>		
Snake Bite	3	—
Insect Bite	4	—
Burns (by Fire)	12	6
<i>Injuries Inflicted by Animals :</i>		
Dog Bite	2	—
Sprain	68	—
Other External Injuries	657	42
ILL-DEFINED DISEASES.		
Asthenia	4	—
Observation	5	—
Total	2611	606

TABLE VIIA—continued.

RETURN OF DISEASES (NATIVE OUT-PATIENTS) FOR THE YEAR
1927.

FORT ROSEBERY HOSPITAL.

Diseases							Male	Female
Malaria	...	...	...	...	...	...	104	122
Ulcers	...	...	...	...	...	...	201	180
Itch	...	...	...	...	...	...	240	137
Surgical, Unspecified	...	...	...	...	...	...	157	156
General, Unspecified	...	...	...	...	...	...	250	159
Influenza	...	...	...	...	...	...	2	—
Syphilis	...	...	...	...	...	...	5	—
Bronchitis	...	...	...	...	...	...	5	3
Conjunctivitis	...	...	...	...	...	...	40	32
Yaws	...	...	...	...	...	...	1	—
Total	...	...	...	...	...	...	1005	789

Total attendances, *i.e.*, number of times on which medicines was administered or dressings applied, 8,456.

SOLWEZI HOSPITAL.

Diseases							No. of Cases	Remarks
Malaria	...	...	...	...	...	...	18	Many cases treated for other complaints were also cured of itch
Leprosy	...	...	...	...	...	...	24	
Gonorrhoea	...	...	...	...	...	...	6	
Syphilis	...	...	...	...	...	...	5	
Yaws	...	...	...	...	...	...	856	
Scurvy	...	...	...	...	...	...	1	
Scabies	...	...	...	...	...	...	46	
Jiggers	...	...	...	...	...	...	24	
Conjunctivitis	...	...	...	...	...	...	7	
Measles	...	...	...	...	...	...	6	
Goitre	...	...	...	...	...	...	12	
Injuries	...	...	...	...	...	...	42	
Unclassified	...	...	...	...	...	...	69	
Total	...	...	...	...	...	...	1116	

TABLE VIIA—continued.

RETURN OF DISEASES AND DEATHS (NATIVE OUT-PATIENTS)
FOR THE YEAR 1927.

ABERCORN HOSPITAL.

Diseases	No. of Cases	Deaths
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.		
5. Malaria	48	—
13. Parotitis	1	—
16. Dysentery, Amoebic	1	—
20. Leprosy	1	—
38d. Syphilis, Hereditary	1	—
II. GENERAL DISEASES NOT MENTIONED ABOVE.		
52. Chronic Rheumatism	24	—
58b. Anaemia	1	—
III. AFFECTIONS OF THE NERVOUS SYSTEM AND ORGANS OF THE SENSES.		
78. Epilepsy	1	—
82b. Neuritis	1	—
85b. Conjunctivitis	103	—
85e. Night Blindness	1	—
86. Otorrhoea	13	—
IV. AFFECTIONS OF THE CIRCULATORY SYSTEM.		
94. Lymphadenitis	2	—
97. Rhinitis	1	—
V. AFFECTIONS OF THE RESPIRATORY SYSTEM.		
99a. Bronchitis, Acute	130	—
VI. DISEASES OF THE DIGESTIVE SYSTEM.		
108.A. Caries	4	—
108.B. Stomatitis	9	—
112. Dyspepsia	4	—
113. Diarrhoea, under two	6	—
114. Diarrhoea, over two	36	—
116c. Oxyuris	2	—
119.B. Constipation	98	—
VII. DISEASES OF THE GENITO-URINARY SYSTEM (NON-VENEREAL).		
130.B. Bilharzia	2	—
133. Cystitis	1	—
136. Balanitis	2	—
142. Mastitis	2	—
VIII. PUERPERAL STATE.		
143B. Abortion	3	—
152. Boils	3	—
153. Abscess, Cellulitis	7	—
Carried forward	508	—

TABLE VIIA—*continued.*RETURN OF DISEASES AND DEATHS (NATIVE OUT-PATIENTS)
FOR THE YEAR 1927.ABERCORN HOSPITAL—*continued.*

Diseases						No. of Cases	Deaths
Brought forward						508	—
IX. AFFECTIONS OF THE SKIN AND CELLULAR TISSUES.							
154.	Scabies	...	...	...	...	32	—
155.	Elephantiasis	...	...	...	...	1	—
	Jiggers	...	...	...	...	2	—
X. DISEASES OF BONES AND ORGANS OF LOCOMOTION (OTHER THAN TUBERCULOUS).							
157.	Synovitis	...	...	...	...	6	—
XIV. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.							
178.	Burns	...	...	...	...	1	—
184.	Cuts	...	...	...	...	144	—
202.	Ulcers	...	...	...	...	11	—
	Cracked Feet	...	...	...	...	3	—
	General Vaccinia	...	...	...	...	2	—
Total						710	—

NOTE.—Above table covers period from 1st August, when Abercorn was re-opened as a Medical Station. Prior to this a native orderly was in charge, but his records are not included as the diagnoses are uncertain.

APPENDIX.

A COMPARISON OF THE EXPANSION OF HOSPITAL TREATMENT WITH APPROVED AND ACTUAL EXPENDITURE.

The following figures are in amplification of those given in Table II of the Returns (page 36) and shew a comparison between the years 1924 to 1927 in the total number of days of hospital maintenance provided and the authorised and actual expenditure on "Provisions."

They may be taken, with regard to almost every sub-head of the Health Vote, as reflecting the inadequacy of the sums approved, and the necessity for more ample facilities being available for the requirements of the health of the Territory and the expansion of the medical services.

	1924	1925	1926	1927
European patients (days maintained)	6,146	6,752	7,508	9,625
Native patients (days maintained)	70,644	72,313	82,960	95,386
Authorised expenditure on provisions	£3,550	£3,773	£3,953	£4,041
Actual expenditure on provisions	£3,364	£3,622	£3,972	£4,809

The percentage increases have thus been as follows :

	1925 over 1924	1926 over 1925	1927 over 1926
European patients (days maintained)	9.8%	14.2%	28.2%
Native patients (days maintained)	2.3%	14.7%	15.0%
Authorised expenditure on provisions	6.2%	4.8%	2.2%
Actual expenditure on provisions	7.6%	9.7%	21.7%

From these figures it is obvious that the increase in days which patients have had to be maintained is out of all proportion to the funds provided for the purchase of provisions, and it is equally obvious that the sum of £88, by which the provision vote of the past financial year was increased over that of the preceding year, could not provide the maintenance represented by 2,117 additional days for Europeans and 12,426 days for natives. Nor, it is feared,

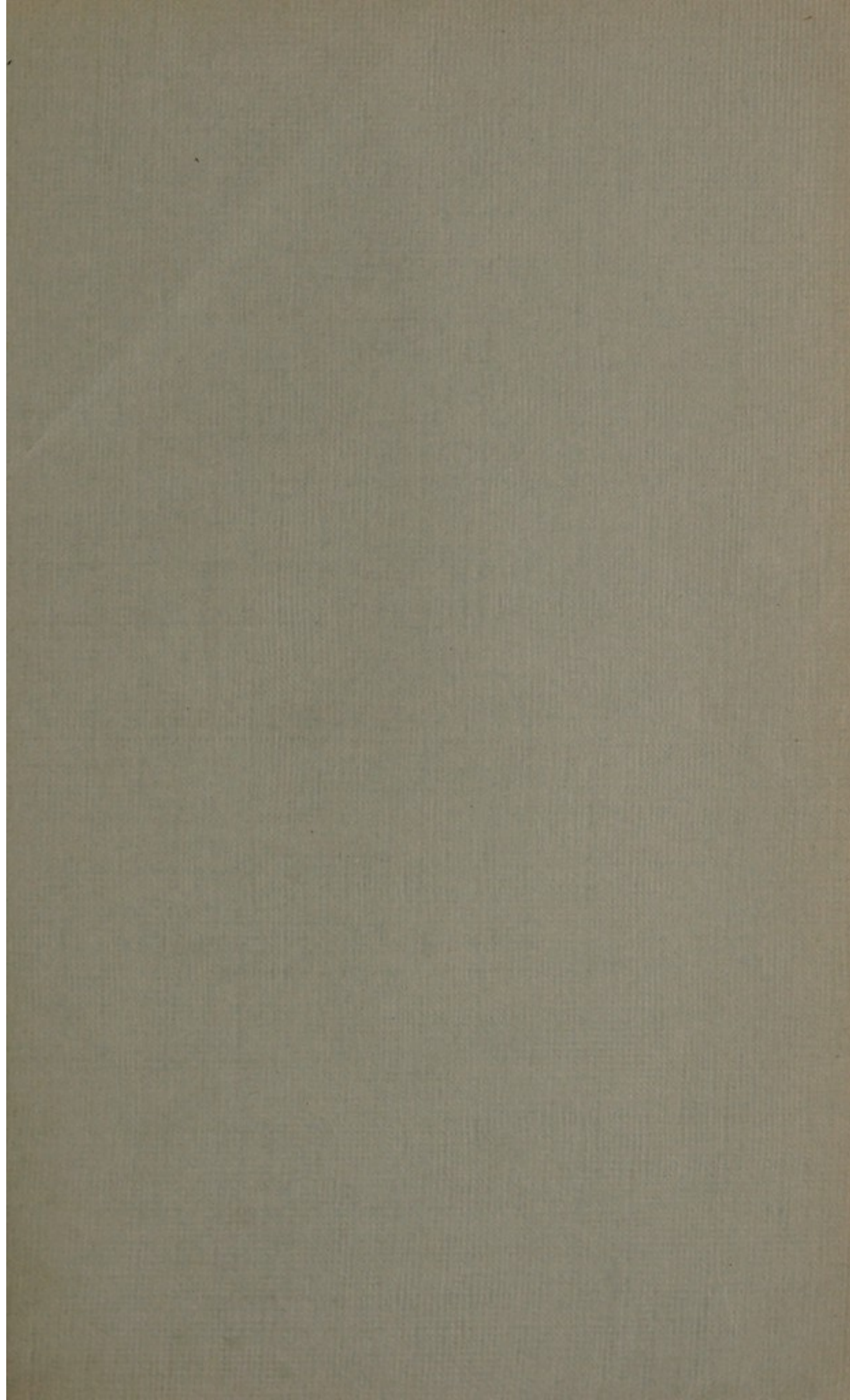
will the approved estimate for the year 1928-29 which is approximately £345 less than the actual expenditure for the previous year be found sufficient. Should the increase in days of maintenance be in the same ratio as between 1926 and 1927 the expenditure involved under this sub-head will probably be £4,845 plus 20 per cent.—£5,814. (The approved sum is £4,500.)

The average cost per diem per patient under "Provisions" is approximately 6s. 4d. for Europeans and 4½d. for natives. In this is included as well as food other items such as soaps, etc., for laundry purposes and general use, paraffin for lighting, etc., polishes and disinfectants for general cleansing purposes. The monthly cost of maintenance at £9 10s. for Europeans and 11s. 5d. for natives is therefore very reasonable.

The sub-head "Equipment" is another notable instance in which more adequate provision is required. For example in 1927 a total of 3,406 months of native hospital treatment was provided and in one item of equipment alone, i.e., blankets, taking a very liberal estimate of the life of a "native" blanket as six months and the price through Government Stores at 8s. 9d., a total expenditure of £496 or 58 per cent. of the total provided under equipment would have been used to maintain two blankets for each patient, leaving a totally inadequate balance for the many other requirements.

The general revenue of the Territory benefits by an annual contribution from the Health Department exceeding 25 per cent. of this Department's expenditure and it is thought that more adequate provision for the health requirements of the Territory would be justified.







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