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STATE OF TRENGGANU.

Annual Medical and Sanitary Report

for the year

1929

By

Dr. T. C. LONIE.

Acting Chief Medical Officer.

G. H. Kist & Co., Ltd., Printers, Singapore.



TRENGGANU

THE ANNUAL MEDICAL AND SANITARY REPORT

For the year ending 31st December, 1929.

I. Administration.

(a) Staff. Dr. N. H. Harrison, Chief Medical Officer, proceeded on leave on 6/6/29 and was relieved by Dr. T. C. Lonie, who acted till the end of the year.

It is intended that Dr. Lonie should remain in Trengganu as Health Officer on Dr. Harrison's return.

It is proposed to appoint a European Nursing Sister in 1930. Her duties will be chiefly in connection with maternity work and child welfare in Kuala Trengganu.

The principal subordinate appointments are :--

- 16 Dressers (1 Grade I, 4 Grade II, 3 Grade III, 6 Probationers, 2 Ungraded.)
- 2 Sanitary Inspectors (attached to Sanitary Board.)
- 1 Steward.
- 3 Clerks.
- 3 Vaccinators.

3 Dressers were appointed and 4 resigned. One Pupil Midwife proceeded to Singapore for further training and passed the examination for Certificate B of the Central Midwives Board of Malaya in December.

(b) List of Ordinances affecting public health enacted during the year.

Nil.

(c) Financial. The financial year of the Trengganu Government (A. H. 1347) closed on 7/6/29.

The main figures affecting the Medical Department are as follows :--

HEADINGS.	Year A. H. 1346	Year A. H. 1347
Total Revenue of State	\$1,402,150.63	\$1,520,149.00
Total Revenue. Sale of medicines and hospital fees	1,049.55	1,468.15
Total Expenditure of Medical Department	52,755.78	61,888.61
Percentage of total medical expenditure to total Revenue of State	0 200/	4.07%

II. Public Health.

The prevailing Diseases recorded during the year are as follows :---

		DISEAS	1927	1928	1929		
Yaws					 2,168	2,921	3,396
Malaria					 2,016	3,089	3,370
Fever uns	specified				 574	705	1,827
Beri Beri					 536	1,531	1,297
Diseases	of the Skin				 2,997	7,041	8,906
Diseases	due to Intes	tinal Par	asites		 1,324	1,913	1,802
Diseases	of Digestive	e System			 2,590	4,851	11,696
Diseases	of Respirate	orv Syste	m		 512	1,286	1,431

The prevalence of Skin Diseases has been noted in previous reports. Its universality is an index of the lack of sanitation among the Malays generally, especially those of the poorer classes. To some extent, however, it would seem to be dependent on the fact that in warm moist climates such as that of Malaya, the various fungi and organisms producing these diseases find an admirable medium for growth in the moist condition of the skin which the climatic conditions produce. The total number of cases treated, including ulcers, was 8,906.

Beri Beri is also prevalent and is of every degree including the Cardiac type with its sudden fatal cardiac attacks. It is commonest among Chinese Coolies especially those engaged on Road Construction work, where housing is unsatisfactory, fresh vegetable are often scarce, and where labourers are exposed to cold and damp, and receive an insufficient variety of food to supply the principles in which their staple of overmilled white rice is so deficient.

The disease is decidedly more common in the Wet Season. The number of cases treated was 1,287 while 10 deaths were noted from the disease.

(II.) Communicable Diseases.

Malaria. It would appear that the previously expressed statement that malaria does not, in Trengganu, occur along the Sea Coast requires some qualification, as the inhabitants of one small sea-port (Marang) were found during the year to be heavily infected, the spleen rate among School children being 84%. There are indications that similar conditions may exist in one or two other places also on the Sea Coast, but the latter statement is only based on hearsay evidence which it is hoped to confirm or otherwise during 1930.

Besides Marang, which is on the mainland, a visit to Pulau Redang disclosed also a population heavily infected, with Malaria, and it is understood that other islands are similarly affected. These islands are, for the most part, rocky and mountainous.

Anopheles maculatus was found breeding in a hill stream close to Pulau Redang Village, while the Marang outbreak is almost certainly due to the same vector breeding in a small hill stream behind the Town. Generally speaking, streams suitable for the breeding of Anopheles maculatus spell malaria whether inland or by the sea, and only the absence of these conditions keeps the larger ports—Trengganu, Besut, Dungun and Kemaman free from this disease.

The incidence of malaria represents a period shortly after spells of rain, and is particularly marked after the Monsoon Season when the dry weather allows the breeding of mosquito larvae in the holes and pockets of streams. It is especially a disease of the early part of the dry season but is present to some extent all through the year.

The number of cases of Malaria treated was 3,370 with 6 deaths, while the number of cases of fever unspecified, many of which are probably also due to malaria was 1,827.

Influenza is common and appears to be particularly so along the seaboard.

Dysentery is fairly common, but the cases do not as a rule tend to occur in epidemics to any extent. No doubt most of the population has developed a certain degree of immunity from constant exposure to the risk of infection. The number of cases treated was 238; the mortality does not appear to be high.

One case of smallpox occurred in Besut in March, and one case of Diphtheria in Kuala Trengganu. Both recovered.

Yaws. The treatment of yaws by injection of Bismuth Sodium Tartrate was continued, and in Kuala Trengganu at least, meets with considerable favour. Travelling Dressers also treat a considerable number of sufferers. Stovarsol and the Arsenobenzols have been used in certain cases where the administration of Bismuth Sodium Tartrate was not effective or was unsuitable.

It is a reasonable hope that there will, with the spread of the knowledge of its cure, be a steady diminution in the number of cases seen of gross disability and disfigurement as a result of yaws, and in fact it is feasible to expect the complete disappearance of the disease in the not too remote future.

3,396 cases were treated during the year. Unfortunately many only receive one injection, especially those treated by dressers on tour.

Helminthic Diseases. The population is practically all infected to some degree with helminths. Details of examination of faeces appear in the record of laboratory work on a later page.

Vital Statistics.

(1) General Native Population. The population at the last census in 1921 was 153,765 divided as follows Malays 145,523, Chinese 7,246, Indians 211, Europeans 34, Other nationalities 751.

Registration of Births and Deaths has only been in force for 3 years, Vital Statistics are based on the 1921 Census figures.

During the years 1342-1346 the number of immigrants was 42,858, and the number of emigrants 43,866. During the year 1347 the number of immigrants was 19,768 and the number of emigrants 19,327.

Births. 4,841 Births were registered giving a birth rate of 31.48 per mille as compared with 29.62 and 25.62 for the previous years 1346 and 1345 respectively. Of these 2,488 were Male and 2,353 Female. The distribution by Race was:-

Malays	Chinese	Indians	Japanese	Arabs	Javanese
4,615	193	15	4	4	10

Deaths. 4,763 deaths were registered, a death rate of 30.98 per mille as compared with 31.52, and 32.38 for the years 1346 and 1345 respectively. 2,247 deaths were of Males, and 2,516 of Females. Of these deaths 1,643 took place before the age of 12 months, giving an Infantile Mortality of rate of 337.53 as compared with 355.45, and 356.00, the figures for the years 1928 and 1927.

As indicated in a previous report Infantile Mortality is greater in towns than in the country, probably due to the general overcrowding and worse sanitary conditions of the towns, and to the greater frequency of artificial feeding of infants by the inhabitants of the towns. During the year A. H. 1347, the Birth Rate exceeded the Death Rate by 0.50 per mille per annum.

The main causes of deaths at all ages are given below, but it must be pointed out that these are far from accurate since the registrars and informants are persons of no medical knowledge. Tables showing Age, and Race Distribution are also given.

anitian for continue	DISE.	ASE.	Jones - 1	 A. H. 1345	A. H. 1346	A. H. 1347
Fever				 2390	851	2,672
Convulsions				 690	643	790
Beri Beri				 541	246	240
Bowel complaints i	ncluding	dysentery		 522	350	243
Respiratory diseas	es			 132	104	76
Puerperal fever				 65	64	53
Still born				 78	117	161
Old age				 195	191	192
Accidents				 19	50	55
Other causes				 278	149	281

Table showing Causes of Deaths.

Table showing Deaths according to Race.

Malays	Chinese	Arab	Japanese	Javanese	Indians
4,418	316	3	3	6	15

(3)

Table showing Deaths according to Age.

Under 12 months	1-2 years	2-3 years	3—12 years	Adults
1,634	146	133	397	2,453

(2). General European Population. The total European population numbered during the year 52 including 8 children. The number, however, is continually fluctuating owing to exigencies of transfer and leave.

The health of those living in the sea coast is very satisfactory but those living inland (Mines and Estates) suffer from a certain amount of sickness, generally malaria. There was no death among the European population during the year.

(3). European Officials. There was an average of 17 European Officials resident throughout the year. The health was good probably owing to the fact that, with the exception of three, the officials reside on the sea coast.

(4). Native Officials. No register of native officials is available. The total number treated during the year was 7,292 including 1,859 Police.

6 native officials were invalided during the year.

III. Hygiene and Sanitation.

(11) General Measures of Sanitation. Routine Sanitary work is carried out in the larger centres under the supervision of Sanitary Inspectors in Kuala Trengganu and Kemaman, and under the supervision of the District Officers elsewhere. Refuse is collected from streets and markets and dumped, burned, or, in wet weather, buried. There are a few concrete drains in Kuala Trengganu but, beyond this, there is to all intents and purposes no sewage system in existence.

During the year a private company inaugurated a scheme of night soil removal in Kuala Trengganu, but this only touches a very few houses, perhaps about a hundred in all, and these mainly Chinese Shop Houses. The night soil is trenched at some distance from the town.

Water supplies are from shallow wells generally unprotected from Surface Population.

Lodging Houses and Eating Shops are inspected periodically, and some attempt is made to enforce a satisfactory degree of cleanliness.

Markets are also inspected, and food exposed for sale, is examined as to wholesomeness.

Recommendations for future work. It will be gathered from the above that the problem of Town Sanitation has not yet been seriously considered. Certain aspects may be briefly touched upon here.

The larger portion of each town consists of Malay kampongs. A typical Malay kampong consists of a group of houses raised 6-8 feet from the ground on wooden posts. Floors are of wood or split bamboo, walls generally of split bamboo, and roofs of attap (manufactured from palm leaf.)

Houses of the better classes may have brick or wooden walls, and tiled roofs.

The houses are built close together, their eaves often almost touching, without any semblance of order, and without any provision for roads or lanes. Drains are of course nonexistent, and typically there are no latrines of any description. In the areas away from the sea any clump of vegetation, (occasionally a shallow pit roughly sheltered from the public gaze), serves as a latrine, but in coastal areas the seashore is used. In addition, holes in the floors of the houses serve the purposes of nature as well as forming convenient openings for the discharge of waste water, and the disposal of refuse. The ground beneath the houses which receives this material is never cleared or cleaned up, and the resultant condition may be better imagined than described. Either part, or the whole of the site of every Malay house consists of a cesspool and rubbish dump as described above, and this is true without distinction of class.

There are, of course, other problems, which spring to the mind. The shop house areas can be easily brought within any scheme, for their owners are more or less accustomed to a town life. It is another matter to bring the Malay kampong house and its owner into the scheme of civilised community life. It involves a radical change in the habits and outlook of a whole people, and cannot be accomplished in a day. It involves the willing co-operation of the Malays themselves, and it is to be hoped that they will realise this. Secondly it involves the co-operation of Government, and regulation by law. And thirdly, and just as indispensably, does it involve the expenditure of money to carry out schemes of town planning, drainage etc.

It will be the duty of the Health Officer to indicate what is necessary in the way of Legislation and Public Works for the improvements of sanitary conditions, but no great advance need be expected unless and until the finances of State permit the expenditure of a sum of money adequate to the needs of the situation.

Labour Conditions. There is as yet no Labour Code in force in the State. Labourers (chiefly Chinese) are employed in considerable numbers by one large coconut and rubber estate, and by certain mines. Each of these provides medical care for its labour force, and supplies sick returns which are briefly summarised below :--

Estate or Min	Estate or Mine				Number of Deaths	Death rate per mille	
Kretay Plantations			863	231	7	8.11	
Bundi Tin Mines			676	829	-	-	
Freda Tin Mines			85	227	2	23.53	
Nanyo Kogyo Koshi Mines			719	2,283	6	8.34	

*Figures for 1928.

During the year a considerable programme of health work has been carried out by the Kretay Cocoanut and Rubber Plantations on their large estate at Kretay. New Coolie Lines have been erected, old lines altered where necessary, water supplies properly protected, latrines made sanitary and the general sanitation much improved.

The problem of malaria is receiving attention, and drainage and oiling is being carried out. The management of this estate deserve particular commendation for their work in improving the conditions on the estate.

A considerable number of labourers are employed on Road Construction work in the State. These live in scattered Kongsis (communal huts) near their own work, and move on at short intervals to fresh centres. Inevitably conditions are unsatisfactory, and there is a considerable amount of sickness. An effort is being made to induce the labourers to maintain their kongsis and surroundings in a sanitary condition, and the Public Works Department now employs two Dressers, who do a considerable amount of medical work among these labourers.

IV. Port Health Work and Administration.

There is normally no inspection of ships entering ports in Trengganu. On account of Cholera in Southern Siam a system of inspection and supervision of ships and passengers from that country was instituted on 4/6/29, and removed when the danger of introducing the disease was considered to be over, on 22/8/29. During the period 177 ships were inspected.

V. Maternity and Child Welfare.

Changes of staff during the year, and in particular the absence of any trained female assistance especially in the latter part of the year, has to some extent interfered with the work of Clinic established last year.

During the latter part of the year a female Siamese attendant who could speak Chinese and Malay took the place of the probationer midwife who, as previously noted, proceeded in June to Singapore for further training in midwifery.

There has lately been a welcome increase in the number of Malays coming, often from a considerable distance, for treatment.

It has not been possible to obtain a properly qualified Maternity Nurse for the Clinic, but the return of the now qualified midwife from Singapore will undoubtedly aid the work, while the arrival of an European Sister should also be of the greatest value. The latter appointment has been approved for July 1930.

The Maternity ward at the hospital was opened in January 1929, and 21 labours were conducted in it during the year. The absence of any midwife interfered considerably with maternity work outside the hospital, but where necessary cases were attended in their homes. Ante natal-21 women came for ante natal examination during the year with total attendances of 60.

Post Puerperal Cases. A considerable number of cases of debility following childbirth attended for treatment, and certain of these presented symptoms of Beri Beri.

General. 1,016 women were treated for General Diseases with total attendances of 2,205.

182 infants under 1 year were under care with total attendances of 564.

844 children between the ages of one and twelve years were treated with total attendances of 1,775.

The total number of cases attending the Clinic for treatment was 2,501 with 7,530 attendances. Included in the above figures are 457 women and children attending for treatment of yaws, with total attendances of 2,001. The figures given show a welcome increase in the popularity of the Clinic during the year, the total attendances made numbering 7,530 comparing with 4,879 in 1928 (February-December).

VI. Hospitals and Dispensaries.

The total number of new cases treated in the Hospital, at the Dispensaries, Clinic, Gaol, and Police Stations is given below :---

	1927	1928	1929
New Cases	 20,147	37,349	45,407
Total Attendances	 28,418	54,430	70,080

Hospital. The hospital at Kuala Trengganu which is the only Government hospital in the State, consists of 5 general wards 1 Infectious Diseases ward, and 1 Maternity ward with the usual Administrative Offices, Operating Theatre etc.

During the year the Maternity Ward was opened and is very popular with the Chinese Community especially.

A further new general ward was also opened during the year.

It has not been found possible to commence the building of a new hospital in Kemaman though the need is pressing, as this is the most important commercial centre in the State, and the present buildings and staff are insufficient to cope with the work.

It is regrettable that the present financial stringency does not allow of the expansion of the work in this centre.

Record of Hospital Work during the year. The number of admissions to hospital during the year was 1,408 with 90 remaining from 1928, a total of 1,498. The corresponding figures for 1928 being 1,267 admissions, 61 remaining from 1927, a total of 1,328.

There were 76 deaths during the year a percentage of 5.08 of the total admissions, as compared with 35 deaths and a percentage of 2.76 recorded during 1928. The Death Rate is heaviest at the beginning, and at the end of the year, that is, during the wet season when there is always a considerable amount of sickness. The increased mortality probably represents an increase in the use being made of the hospital, but it is a matter for regret that cases so often arrive in a more or less hopeless condition. Thus, of the total deaths 22 occurred within 48 hours of admission. Pulmonary Tuberculosis accounted for 12 deaths. The disease as seen here seems to present the characters of the infantile type -usually more or less acute, involving the bases at an early stage, and progressing more or less rapidly to a fatal issue in a few months. The racial distribution of deaths was Chinese 43, Malays 20, Indians 9, Others 2.

The main diseases encountered with the number of deaths is given below :-

		in all	1928		1929		
			Cases	Deaths	Cases	Deaths	
Yaws		 	240	1	193		
Malaria		 	239	2	232	6	
Bowel Diseases		 	187	7	187	7	
Beri Beri		 	56	1	56	1	
Pulmonary Tuber	culosis	 	15	2	28	12	
Venereal Disease	s	 	127		140		

In addition there were 109 cases of injury (chiefly due to crimes of violence), with 2 deaths both due to stab wounds penetrating the abdominal cavity.

Surgical. 66 Surgical Operations were performed during the year, classified as 13 major operations and 53 minor operations, the corresponding figures being 29 and 72 for 1928. Dental extractions are excluded in both cases.

Laboratory. The following examinations were made during the year mostly at the hospital, Kuala Trengganu.

(a) Blood.				
	Total number of films examine		 	 	2,218
	Benign Tertian Parasites foun	d	 	 	179
	Quartan Parasites found		 	 	33
	Sub-tertian Parasites found		 	 	153
	(of these 19 films showed Cresc	ents)			
	Mixed Infections of Malaria		 	 	10
	Negative		 	 	1,843
(b) Sputa for Tubercle Bacilli.				
	Total number examined		 	 	216
	Tubercle Bacilli found		 	 	37
	Negative		 	 	179
(c	Swabs from Nose and Throat.				
	Total number examined		 	 	10
	From Nose for B. Laprae		 	 	2
	Negative		 	 	2
	From Throat for B. Diptheriae		 	 	8
	Positive		 	 	3
	Negative		 	 	5
(d) Pus.				
	Films examined for Gonococci		 	 	76
	Positive		 	 	41
	Negative		 	 	35
(e)	Faeces.				
	Total number examined		 	 	1,974

Of these 1,523 showed the presence of Ascaris Lumbricoides, Ankylostoma duodenale, or Trichuris trichura either alone or in various combinations. Other parasites noted were Oxyuris vermicularis, Lamblia intestinalis, Distoma, Clonorchis sinensis, Dipylidium caninum, Crithilia, Fasciolopsis buski. Entamoeba histolytica was found in 54 specimens. Of the total number of specimens examined 361 were negative and 1 proved positive. Two specimens were examined for tubercle bacilli by the antiformin method.

(f)	Serums.					
	Total number examin	ned for B	. Leprae		 	 27
	B. Leprae found				 	 3
	Negative				 	 24
	For Kahn Test				 	 135
	Positive				 	 65
	Negative				 	 55
	Partially Positive				 	 15
(g)	Agglutinations.					
	Total examinations				 	 9
	Positive to B. Typho	sus only			 	 5
	Negative				 	 4
(h)	Cultures.					
	Urines for B. Typhos	sus			 	 8
	B. Typhosus found				 	 Nil
	Faeces				 	 20
	B. Typhosus found		10.10 acceler		 	 1
	Negative				 	 19
	Scraping from Skin	Lesions (Tinea) No	gative	 	 3
	Swabs for B. Dipther	riae			 	 3
	Positive				 	 3

(7)

Dispensaries. The out-patient work done in the dispensaries and by the dressers on tour is of the greatest value. Unfortunately the dressers on tour can only deal with illness present at the time of their visits, and without roads, and with the consequent difficulties of transport such visits are of necessity few. As the country is opened up however the work must tend greatly to increase in amount and value. Details of the work done is given below together with figures for the previous year.

					Total new	No. of cases		No. of lances		. of raries
	St	tation			1928	1929	1928	1929	1928	1929
Kuala Treng	ganu									
Dispense	ary	·			8,224	7,060	12,450	10,954	and the second	
Hospital Dresse		tients an	nd Travel	ling 	3,637	3,959	4,149	5,221	9	7
Clinic					1,684	2,501	4,879	7,530		
Prison C	outpatie	ents			716	266	1,983	1,647	1002	
Kemaman					8,674	14,729	12,900	20,302	2	35
Dungun					2,309	3,405	2,612	3,611	11	-
Besut					6,928	7,625	10,135	13,671	37	18
Kuala Brang					2,349	4,610	2,954	5,892	63	51
Police Statio	ns (var	rious)			1,168	1,252	1,168	1,252		
			Total		35,689	45,407	53,230	70,080	122	111

The figures given indicate a considerable increase in the work done during the year.

Vaccination. In addition 11,303 vaccinations were performed. There are 4 travelling vaccinators who do this work in the districts.

VII. Prison and Asylums.

Prison. There is a prison at Kuala Trengganu, and detention cells at each police station.

A new prison in Trengganu is long overdue, the present buildings being unsatisfactory, though possibly interesting from a historical point of view, and obviously relics of a less enlightened age, but certainly not conforming to any modern sanitary standards.

The position is all the worse in view of the fact all mental cases are, in the absence of a proper mental ward, confined in the prison. This is, of course, against all modern ideas of the treatment of such cases, and it is to be hoped that an effort will be made to provide a proper mental ward at the hospital, as well as to improve the present prison conditions. Here also financial stringency is the reason for the continuance of the present admittedly unsatisfactory arrangements.

Prison Hospital. A small ward is provided at the prison for the treatment of sick prisoners. During the year there were 66 admissions, and no death compared with 73 admissions and no death in 1928. Most serious cases requiring careful nursing are removed to the State Hospital.

The total number of out-patients treated was 266 with total attendances of 1,647 compared with 716 with total attendances of 1,983 in 1928.

Mental Cases. 16 Mental cases were admitted for detention, with 14 remaining from 1928, a total of 30 cases, as compared with 17 cases admitted, 11 cases remaining, and a total of 28 for 1928. 11 cases were discharged and 2 died.

VIII. Meteorology.

During the year, the Meteorological Department of Malaya opened a Station in Kuala Trengganu. The observations being taken at the hospital are meanwhile being continued, but no doubt statistics will be supplied in future by the Meteorological Department. The total rainfall for the year was 210.96 inches. The highest rainfall in 24 hours was 13.26 inches on 30th November, 1929. Details of total rainfall are given below.

The highest shade temperature recorded was 94° F on 1st April, and 3rd July, and the lowest 64° F on 5th September and 20th December, 1929.

Year	Total Rainfall in inches
1925	110.95
1926	137.04
1927	91.30
1928	166.73
1929	210.96

Further meteorological details are given in Appendix I.

Appendix. I

Meteorological Return for the year 1929.

		TEMPE	RATURE		RAIN	FALL
	Solar Maximum	Shade Maximum	Shade Minimum	Range	Mean	Amount in Inches
January	 127.30	79.73	75.21	4.52	77.44	9.22
February	 130.18	81.00	70.48	11.60	78.54	14.01
March	 124.65	82.60	74.69	7.91	77.95	58.65
April	 127.53	87.60	78.55	9.05	82.02	4.01
May	 143.16	87.69	80.20	7.49	82.90	15.68
June	 129.37	87.49	78.71	8.78	82.23	2.68
fuly	 133.99	88.65	78.47	10.18	82.34	4.75
August	 127.88	86.63	73.34	13.29	81.90	8.47
September	 136.00	87.78	77.26	10.58	81.33	12.87
October	 129.52	88.75	76.71	12.04	80.61	23.40
November	 112.97	81.99	75.20	6.79	78.37	52.19
December	 133.06	83.57	74.99	8.58	78.32	4.13

Appendix. II

Financial.

Estimates 1347			 \$71,840.00
Expenditure			
Personal Emolum	ents		 \$32,982.23
Annually Recurre	ent		 \$22,804.18
Special Expenditu	ire		 \$ 6,102.20
		Total	 \$61,888.61
Receipts			 \$ 1,468.15

(10)

Table V.

STATE HOSPITAL KUALA TRENGGANU.

Diseases			Remain- ing in Hospital		Total	Total	Remain- ing in hospital	Remarks
Distasts			at end of 1928	Admis- sions	Deaths	treated	at end of 1929	
						1.1		
I. Epidemic, Endem Infectious Diseas								
Enteri Croup :								
(a) Typhoid fever(b) Paratyphoid A				2 1	1	2		
(c) Paratyphoid B			-	ĩ	-	ĩ	-	
Malaria :								
(a) Tertian			-	25		25	2	
(b) Quartan			-	8	-	8	-	
 (c) Aestivo-autumna (d) Cachexia 			- 5	31 168	2 4	31 173	28	
(e) Blackwater			-		-	-	-	
Diphtheria		-	_	1	_			
Influenza				81	_	1 81	_	
Mumps			1	1		2	-	
Dysentery	/		-	-	-	-		
(a) Amoebic Leprosy			32	25 2	5	28 4	1	
Yaws			29	193	1	222	25	
Fuberculosis, Pulmonary a								
Laryngeal Fuberculosis of Bones and	Joints		1	28 1	12	29 1	4	
Syphilis:								
(a) Primary			-	3	-	3		
(b) Secondary			-	17	-	17		
(c) Tertiary (d) Syphilitic Aortiti			2	13 1		15 1	=	
Soft Sore			-	6	-	6	1	
Gonorrhoea and its compli-			2	74		76	4	
Gonorrheal Ophthalmia Gonorrheal Epididymitis			1	5		6	=	
Gonorrheal Arthritis			16	_	-	16	_	
Bubo			1	15	-	16	1	
II. General Disease: mentioned above	s not				-			
Cancer or other malignant	tumour	s of	840 H					
the stomach or liver			-	1		1	-	
Lymphosarcoma Neck l'umours (not malignant)			-	2	-	2	-	
Acute Rheumatism			_	13		13	-	
Beri Beri			3	56	10	59	7	
Insemia :								
(a) Other than Pern	icious	and						
Chlorosis			-	3	-	3	_	
(b) Debility Alcoholism				2		2	1	
				1	-	1	-	
poplexy :								
(a) Haemorrhage (b) Embolism	•.4•		-	3	1	3	-	
(c) Concussion of Bra	 in		_	1 2	-	1 2	-	
epticaemia			-	3	3	3	-	
				•				
Carried f	orward	-	67	796	40	863		
Curricu J			0.	100	40	000	57	

(11)

Table V.

STATE HOSPITAL KUALA TRENGGANU.

.

Diseases Ime in desida at each of 1998 Total at each of 1998 Total at each of 1998 Brought forward 67 796 40 863 57 III. Affections of the Nervous System other organs of the Senses. - - 2 1 Paralysis - - 2 1 - (a) Heniplegia - - 2 1 - Other forms of Mental Alienation 12 3 2 1 Other affections of the Nervous System other senses. - - - - Other affections of the Nervous System other senses of Nenal Alienation 12 3 - - Other affections of the organs of Vision. - - - - - Conjunctivitis - - 1 4 - 5 - Other affections of the eartor maskoid sinus - 7 - 7 - Ibital - 1 13 10 14 - (b) Mitral - - 2 - 2 - Diseases of the Heart: - 1 13 10 14 - (c) Myocarditis - - 2 - 2			Remain-	Yearly	Total		Remain-	
at end Admini- of 1998 Deaths treated at end of 1999 Brought forward 67 796 40 863 57 III. Affections of the Nervous System and organs of the Senses. - 2 - 2 1 Paralysis:- (a) Hemiplegia - - 2 - 2 1 Other affections of the Nervous System such as Paralysis Attains - - 3 1 Other affections of the vervous System such as Paralysis Attains - - 3 1 Other affections of the organs of Vision. -			ing in				ing in	
III. Affections of the Nervous System and organs of the Senses. - <t< td=""><td>Diseases</td><td>- inni</td><td>at end</td><td></td><td>Deaths</td><td></td><td>at end</td><td>Remarks</td></t<>	Diseases	- inni	at end		Deaths		at end	Remarks
and organs of the Senses. Paralysis:	Brought J	forward	67	796	40	863	57	
(a) Hemiplegia	III. Affections of the Nerve and organs of the Serve	ous System nses.						
(a) Hemiplegia	Paralysis:-						Server and	
Epilepsy 1 9 2 10 Other affections of the ervous System 2 1 3 1 Affections of the organs of Vision. 1 4 5 Conjunctivitis 1 4 5 Other affections of the ergen matoid sinus 3 3 Affections of the Heart: 7 7 IV. Affections of the Heart: 1 13 10 14 (a) Vaivular 3 3 3 Diseases of the Heart: 3 3 3 (b) Mitral 3 3 3 V. Affections of the Respiratory System. 7 1 1 1 1 1	(a) Hemiplegia		10				7	
Other affections of the Nervous System such as Paralysis Agitans 2 1 - 3 1 Affections of the organs of Vision. - - 3 1 Conjunctivitis - - 3 - 3 - Affections of the ear or mastoid sinus Ottis media - - 7 - 7 - IV. Affections of the Circulatory System. - - 1 13 10 14 - (a) Vaivular - - 3 3 - - - (b) Mitral - - 3 3 -			0.000					
Conjunctivitis 1 4 5 Other affections of the eye 7 7 Affections of the ear or mastoid sinus 7 7 Ottis media 7 7 Inscasses of the Heart: 1 13 10 14 (a) Vaivular 3 3 (b) Miral 3 3 Upphangitis 2 2 V. Affections of the Respiratory System.	Other affections of the Nerv	ous System	2	1	-	3	1	
Other affections of the eye	Affections of the organs of	of Vision.						
Affections of the ear or mastoid sinus - 7 - 7 - IV. Affections of the Circulatory System. - 1 13 10 14 - (a) Vaivular 1 1 1 1 1 - (b) Mitral 3 3 3 - (c) Myocarditis 3 3 - Lymphangitis 2 - 2 V. Affections of the Respiratory System. - 2 7 1 Pleurisy 7 2 7 1 Pleurisy 7 2 7 1 Pleurisy 7 2 7 1 Pleurisy 8 1 - Asthma 8 1 V. Affections of the Digestive System. A. Diseases of the Di	Conjunctivitis		1					
Otitis media	Other affections of the eye	stoid sinus	-	3		3		
IV. Affections of the Circulatory System. 1 13 10 14 (a) Vaivular 1 13 10 14 (b) Mitral - 3 3 3 (c) Myocarditis - 3 3 3 (c) Myocarditis - 2 - 2 Viscasses of the Lymphatic System. - 2 - 2 2 V. Affections of the Respiratory System. - - 11 1 11	Otitis media		-	7		7	-	
Diseases of the Heart: 1 13 10 14 (a) Vaivular 1 1 1 (b) Mitral 1 1 1 (c) Myocardiis 3 3 3 Diseases of the Lymphatic System. 2 2 V. Affections of the Respiratory System. 2 2 Noncorditis 5 5 5 Pneumonia 2 7 1 (b) Chronic 2 3 3 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3	IV. Affections of the Cir	culatory	12					
(a) Vaivular 1 13 10 14 (b) Mitral - 1 1 1 (c) Myocarditis - 3 3 3 Diseases of the Lymphatic System. - 2 - 2 V. Affections of the Respiratory System. - 1 1 11 - Promothits - 5 - 5 - (a) Lobar - 7 2 7 1 Pleurisy - 7 2 7 1 Asthma - 7 1 - - Asthma - 7 1 - - - - - - - - - - - - - - - - - - -	and the second se					a sector a		
(b) Mitral	Diseases of the Heart :	1998	1	12	10	14		
(c) Myocarditis - 3 3 3 - Diseases of the Lymphangitis - 2 - 2 - V. Affections of the Respiratory System. - 11 1 11 - - Bronchitis - 5 - 5 - (a) Acute 7 2 7 1 Pneumonia 2 2 - More and 1 Pheumonia 2 2 <t< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></t<>			-					
Lymphangitis - 2 - 2 - V. Affections of the Respiratory System. Bronchitis - 11 1 11 - Bronchitis - 5 - 5 Pneumonia - 7 1 11 - (a) Lobar - 7 2 7 1 Pleurisy - 8 - 8 1 Asthma - 8 - 8 1 VI. Diseases of the Digestive System. - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 1 - 1 - 1 -	(c) Myocarditis		-				-	
System. Bronchitis - - 11 1 11 - (a) Acute - - - 5 - 5 - Pneumonia - - 5 - 5 - 1 (a) Lobar - - - 2 - 2 - 1 Pleurisy - - - 1 - 1 - - Asthma - - - 8 - 8 1 - Asthma - - - 3 - 3 - <td>Diseases of the Lymphatic Lymphangitis</td> <td></td> <td>-</td> <td>2</td> <td>-</td> <td>2</td> <td>-</td> <td></td>	Diseases of the Lymphatic Lymphangitis		-	2	-	2	-	
(a) Acute		piratory						
(a) Acute	Bronchitis					-		
(b) Choine in: in	(a) Acute		1				_	
(a) Lobar $-$ 7 2 7 1 Pleurisy				9		0		
Pleurisy $ 2$ 2 Empyema 1 $ 1$ $ 1$ $-$ Asthma $ 8$ $ 8$ 1 VI. Diseases of the Digestive System. $ 5$ $ 5$ $-$ A. Diseases of the Teeth or Gums Caries $ 3$ $ 3$ $-$ Alveolar Abscess $ 3$ $ 3$ $ 2$ $-$ Affections of the Pharynx or Tonsils. $ 2$ $ 2$ $-$ (a) Pharyngitis $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ $ 1$ <			-		2		1	
Asthma a a a a a a Asthma a a a a a a VI. Diseases of the Digestive System a a a a a A. Diseases of the Teeth or Gums Caries a a a a a a A. Diseases of the Teeth or Gums Caries a a a a a a A. Diseases of the Teeth or Gums Caries a a a a a a Alveolar Abscess a a a a a a a Alveolar Abscess a a a a a a a a a (a) Pharyngitis a a a a a a a a (b) Retro-Pharyngeal Abscess a (b) Retro-Pharyngeal Abscess a a a a a a a a a (c) Peritonsillar Abscess a a a a a a a a a (b) Retro-Pharyngeal Abscess a a a a a a a a (a) U	Pleurisy		-	2	_			
VI. Diseases of the Digestive System. - 5 - 5 - A. Diseases of the Teeth or Gums Caries - - 5 - 5 - Pyorrhoea - - 3 - 3 - 3 - Alveolar Abscess - - 2 - 2 - - Affections of the Pharynx or Tonsils. - 1 - 1 - - (a) Pharyngitis - - 1 - 1 - - (b) Retro-Pharyngeal Abscess 1 - 1 - 1 - - A. Ulcer of the Stomach - 1 - 1 - 1 - B. Ulcer of the Duodenum - 1 - 1 - 1 -			-	8	_		1	
A. Diseases of the Teeth or Gums Caries - 5 - 5 - Pyorrhoea - - 3 - 3 - Alveolar Abscess - - 2 - 2 - Affections of the Pharynx or Tonsils. - - 1 - 1 - (a) Pharyngitis - - 1 - 1 - 1 (b) Retro-Pharyngeal Abscess 1 - 1 - 1 - (c) Peritonsillar Abscess - 1 - 1 - 1 - A. Ulcer of the Stomach - 1 - 1 - 1 - B. Ulcer of the Duodenum - 1 - 1 - 1 - A. Gastritis - - 2 - 2 - 9 - 9 - Diarrhoea - - 1 - 1 - - - - - - - - - - - -								
Caries $ 5$ $ b$ $-$ Pyorrhoea $ 3$ $ 3$ Alveolar Abscess $ 2$ 2 Affections of the Pharyngitis $ 1$ $ 1$ (a) Pharyngitis $ 1$ $ 1$ (b) Retro-Pharyngeal Abscess 1 $ 1$ $ 1$ (c) Peritonsillar Abscess $ 1$ $ 1$ A. Ulcer of the Stomach $ 1$ $ 1$ B. Ulcer of the Duodenum $ 1$ $ 1$ Other affections of the Stomach $ 1$ $ 1$ A. Gastritis $ 2$ $ 2$ $-$ B. Dyspepsia $ 2$ $ 2$ $-$ Diarrhoea $ 9$ $ 9$ $-$								
Caries $ 5$ $ b$ $-$ Pyorrhoea $ 3$ $ 3$ Alveolar Abscess $ 2$ $ 2$ $ 2$ $-$ Affections of the Pharyng or Tonsils.(a)Pharyngitis $ 1$ $ 1$ $-$ (b)Retro-Pharyngeal Abscess 1 $ 1$ $ 1$ (c)Peritonsillar Abscess $$ $ 1$ $ 1$ A.Ulcer of the Stomach $$ $ 1$ $ 1$ B.Ulcer of the Stomach. $$ $ 1$ $ 1$ A.Gastritis $$ $ 1$ $ 1$ $-$ B.Dyspepsia $$ $ 2$ $ 2$ $-$ Diarrhoea $$ $ 9$ $ 9$ $-$	A. Diseases of the Teeth	or Gums			14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		1 Terrar	
Alveolar Abscess2-2-Affections of the Pharynx or Tonsils.(a) Pharyngitis1-1(b) Retro-Pharyngeal Abscess11-(c) Peritonsillar Abscess1-1-A. Ulcer of the Stomach1-1-B. Ulcer of the Duodenum1-1-Other affections of the Stomach1-1-B. Dyspepsia2-2-Diarrhoea9-9-	Caries		-		-			
(a) Pharyngitis - 1 - 1 - (b) Retro-Pharyngeal Abscess 1 - - 1 - 1 - (c) Peritonsillar Abscess - 1 - 1 - 1 - A. Ulcer of the Stomach - 1 - 1 - 1 B. Ulcer of the Duodenum - 1 - 1 - 1 Other affections of the Stomach. - 1 - 1 - B. Dyspepsia - 2 - 2 - Diarrhoea - 9 - 9 - 9 -			-		-		1 × 1	
(a) f harynged Abscess11-(b) Retro-Pharyngeal Abscess1-1-1-(c) Peritonsillar Abscess1-1-A. Ulcer of the Stomach1-1-B. Ulcer of the Duodenum1-1-Other affections of the Stomach.A. Gastritis1-1B. Dyspepsia2Diarrhoea9-9-	Affections of the Pharynx	or Tonsils.			1 45 4 H			
(b) Retrovinity age of the bosons \dots $ 1$ $ 1$ $ 1$ $-$ A. Ulcer of the Stomach \dots $ 1$ $ 1$ $ 1$ $-$ B. Ulcer of the Duodenum \dots $ 1$ $ 1$ $ 1$ $-$ Other affections of the Stomach. A. Gastritis \dots \dots $ 1$ $ 1$ $ 1$ $-$ B. Dyspepsia \dots \dots $ 2$ $ 2$ $-$ Diarrhoea \dots $ 9$ $ 9$ $-$	(a) Pharyngitis			1	1000			
A. Ulcer of the Stomach $ 1$ $ 1$ $-$ B. Ulcer of the Duodenum $ 1$ $ 1$ $-$ Other affections of the Stomach.A. Gastritis $ 1$ $ 1$ B. Dyspepsia $ 2$ $ 2$ Diarrhoea $ 9$ $ 9$ $-$			-	1			-	
B. Ulcer of the Duodenum \dots $ 1$ $ 1$ $-$ Other affections of the Stomach. A. Gastritis \dots $ 1$ $ 1$ $-$ B. Dyspepsia \dots $ 2$ $ 2$ $-$ Diarrhoea \dots $ 9$ $ 9$ $-$	A. Ulcer of the Ston	nach	-	1		1		
A. Gastritis 1 1 B. Dyspepsia 2 2 9 9 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $-$ 9 $ -$				1		1	1	
B. Dyspepsia 2 2 Diarrhoea 9 9 9				1				
	B. Dyspepsia			3			-	
				9	-	9	-	
0 1 1 0 01 01 00 100 100 05				015		1.001		
Carried forward 86 915 62 1,001 75	Carried ,	forward	86	915	62	1,001	10	

(12)

Table V.

STATE HOSPITAL KUALA TRENGGANU.

		0.			Remain- ing in	Yearly	Total	Total	Remain- ing in	Dec
		Diseases		-	Hospital at end of 1928	Admis- sions	Deaths	cases treated	hospital at end of 1929	Remarks
		Broug	ht forwar	d	86	915	62	1,001	75	
Dis	eases due to Ascaris	Intestin	al Parasi	ites	3	58	_	61		
	Ankylostor				-	55		55	4	
	Appendicit				2	-	-	2	_	
	Hernia				-	4	-	4	- 1	
	Affections				-	1		1	-	
	Other affect Constipation		the inte	stine	1	2		3	_	
	Other affec				-	ĩ	1	1	_	
	Abscess				-	î	_	î		
	Hepatitis				-	1		1		
	Peritonitis				-	3	2	3	-	
VI		s of the G (non ven		ary						
	te Nephriti onic Nephri				1		1 3	117	- 2	
						10	· ·		~	
Oth	er affections	of the K		-			-			
	i Nephritis . nary Calcul				1		-	1	-	
ise	eases of the	Erethra &	Annend	1000		1		1	-	
	(a) Strictu					1		1	1	
		e of Eret	hra		-	1		î	-	
	(c) Epidid					2	-	2		
	(d) Orchiti					8	-	8	-	
yst	(e) Hydrod ts or non n e Ovaries	nalignant	t Tumou	rs of	-	1	-	1	Land Land	
	A. Metriti B. Other a Fomalo	s ffections Genital			-	-	-	-	-	
rgs	ans Displace				_	1	-	1	_	
ya	menorrhoea				-	4	-	4	-	
	VIII. Pi	erperal	State.							
	Normal Lal	our			1	20		21	-	
	Abortion				-	3		3	-	
	(a) Hydati				-	1	-	1	-	
		nal Labor			1	-	-	1		
	(c) Ante N	atal				4	-	4	-	
	IX. Affect and Cel	ions of t lular Tiss				-	- Line -		12 13	
oil	s				_			0		
bsc	ess				_	8 25		8 25	2	
	ulitis				1	2		3	~	
lce					-	77		77	3	
	Tinea Scabies				_	4	-	4		
	Dermatitis				- 1	9		9	-	
the	r diseases o		in			~		3	1	
ryt	hema					2	-	2	1	
	ma				-	3	-	3	1	
tep	hantiasis					1	-	1		
		Carried	forward	-	100	1,236		1,336	90	

(13)

Table V.

STATE HOSPITAL KUALA TRENGGANU.

				-		_	
		Remain- ing in	Yearly	Total	Total	Remain- ing in	
Diseases		Hospital at end of 1928	Admis- sions	Deaths	cases treated	hospital at end of 1929	Remarks
Brought forward	·	100	1,236	69	1,336	90	
X. Diseases of the Bones and Orga Locomotion (other than Tuberculo	ns of ous).						
Diseases of Joints: Arthritis		-	22	=	23	-	
Synovitis XI. Diseases of Infancy.			~		0		
Congenital Syphilis			1	1	1	-	
XIII. Affections of Old Age.							
Senility		-	4	2	4	-	
XIV. Affections produced by External Causes.					12 mil 13		
Food Poisoning Attacks of poisonous animals Burns (by fire)			1	1	1	_	
Wounds (by firearms) Wounds (by cutting or stabbing		- 3	1 93	-	1 96	- 2	
instruments) Contusion Circumcission			13 1	-	13 1	~	
Wounds (crushing etc., railway accidents)		2	-	-	2	-	
Injuries inflicted by animals bites kicks A. Dislocation	and 	Ξ	1 2		1 2	-	
B. Sprain C. Strain D. Fracture Femur			$ 13 \\ 3 \\ 4 $		$ 13 \\ 3 \\ 4 $	-	
Fracture of Finger Fracture of Skull		_	1	1	1	-	
N.B. General. Observation		-	12	-	12	-	
			1				
						hee.	
		mone	Freihre		1079		
		in this		-			
Tota	1	106	1,392	76	1,498	92	

(14)

Table VI.

- E	DISEASES			Male	Female
I. Epidemic, Endem	ic, and Infectio	us Disease	8.		
1. Enteric Group.					
(a) Typhoid Fev				3	
(b) Type not def	ined			2	8
 Malaria. (a) Tertian (b) Tertian (c) Tertian 				200	
11 0				369 197	68 109
(c) Aestivo-autur	100000 aug			248	48
				1,798	301
(e) Fever unspec3. Measles				1,488	339
1 Wheening Court				17	37
* Dishthania				1	
	'			1,116	228
				69	20
 B. Dysentery. (a) Amoebic 				135	39
(1) Th 111				18	9
(c) Undefined or	due to other caus			11	1
9. Leprosy Other Enidemic Disease				7	2
 Other Epidemic Diseas (a) Rubeola (Ger 				1	
(b) Varicella (Ch				1	1
(c) Yaws .				2,089	1,214
1. Tuberculosis, Pulmona	ry and Laryngeal			46	9
 Syphilis. (a) Primary . 				0.5	
(1) Comi	··· ···			25 75	3
(a) Tout				12	1
				22	
 A. Gonorrhoea and it B. Gonorrhoeal Ophth 				255	23
C. Gonorrhoeal Arthr				4 14	2
II. General Diseas					
n. General Diseas	es not mentione	d above.	1.000	and the second second	
5. Tumours non-malignar	nt			1	-
 Acute Rheumatism Chronic Rheumatism 				775	255
Davi Davi				546 994	128
9. Diabetes. (not includin				11	247 5
0. Anaemia.					A CONTRACTOR OF
(a) Pernicious .				6	_
(b) Other anaemi	as and Chiorosis			419	169
1. Diseases of the Thyroid					
(a) Other disease	es of the Thyro	id Gland,			
Myxoedem: 2. Alcoholism	a			2	2
				8	-
III. Affections o	f the Nervous S	ystem			
and Orga	ans of Senses.				
 Apoplexy. (a) Thrombosis 					
. Paralysis				1	5
(a) Hemiplegia				4	1
 Epilepsy Eclampsia, Convulsions 				13	1
 Eclampsia, Convulsions Infantile Convulsions 	(non puerperal)			4	3
3. A. Hysteria					1
B. Neuritis				1,635	605
C. Neurasthenia				84	39
 Other affections of the Paralysis Agitans 			10000000	10	
(a) Scitica				12 94	11
				54	11
	Carr	ried forward		12,634	2 904
	Curr	Jor war ti		10,001	3,904

(15)

Table VI.

	DISEASES			Male	Female
		Brought forward		12,634	3,904
30.	Affections of the Organs of Vision.			800	0.5
	(a) Conjunctivitis (b) Tumours of the Eye			399 1	95
	(c) Other affections of the Ey			37	8
1.	Affections of the Ear or Mastoid Sin				to a bast of the
	(a) Foreign Body in the Ear			13	8
	(b) Eastachian Catarrh			110	19
	(c) Mastoiditis			71	7
	IV. Affections of the Circula	tory System.	1992		A STATE
2.	Other Diseases of the Heart.				
	(a) Valvular (b) Aortic			14 1	1
	(c) Disordered Action of the I	Heart		12	4
3.	Diseases of the Arteries			11	1
	(a) Arterio-Sclerosis			4	1
13	(b) Other diseases			10	5
14.	Diseases of the Veins. Haemorrhoids		-	19	
	Haemorrhoids Phlebitis			3	-
5.	Diseases of the Lymphatic System.	1			
	Lymphangitis			1	
	Lymphadenitis, Bubo, (non-spec	ific)		74	12
	V. Affections of the Respirat	ory System.			
6.	Diseases of the Nasal Passages.			an point day - with	
	Rhinitis			12	1
~	Coryza			98	45
37.	Affections of the Larynx. Laryngitis			30	3
8.	Bronchitis.				
	(a) Acute			673	117
	(b) Chronic			192 4	24
9.	Broncho-Pneumonia Pnuemonia.			T	
40.	(a) Lobar			20	2
	(b) Unclassified	• •••		8	2
1.	Pleurisy, Empyema			2	1 32
2.	Asthma			132	0.0
	VI. Diseases of the Digestin	ve System.			and the second
3.	 A. Diseases of Teeth or Gums Cari B. Other affections of the Mouth. 	ies, Pyorrhoea &	c	598	73
	B. Other affections of the Mouth. Stomatitis			81	22
	Glossitis			4	2
14.	Affections of the Pharynx or Tonsil	s.		0.0	0
	Tonsillitis			26 27	8
1.	Pharyngitis Other affections of the Stomach.			~ 1	
15.	Gastritis			156	44
	Dyspepsia			4,234	526
46.	Diarrhoea and Enteritis under two	years		23	14 601
7.	Diarrhoea and Enteritis two years a			3,507 2	1
	Colitis Ulceration			ĩ	-
	Ankylostomiasis			640	113
18	Diseases due to Intestinal Parasites		a tou a be	Hart' wante works	
18. 19.	(a) Nematoda (other than And	cylostomiasis)		108	51
18. 19.	Ascaris			593 3	171
				7	2
	Trichocephalus dispar	and the second			
	Trichocephalus dispar Oxyuris (b) Unclassified	·		14	10
	Oxyuris	 Carried forward		24,609	5,937

(16)

Table VI.

	Alignetic and a set	DISEASES	5			Male	Female
			Broug	ht forward		24,609	5,937
50.	Appendicitis					6	-
51.	Hernia					5	1
52.	A. Affections of the	e Anus, F	istula, &c.			4	14. 00 - S
	B. Other affections					1.778	238
53.	Cirrhosis of the Live					3	2
54.	Other affections of the Hepatitis						
	Jaundice					1 19	
	Januaree					15	1 101 4
	VII. Diseases System	of the ((non-Ver		ary	10000		ANA SAE
5.	Acute Nephritis					103	01
	Chronic					105	21 3
7.	Urinary Calculus					5	1
8.	Diseases of Bladder	Cystitis		:		29	6
9.	Diseases of the Ureth	nra.					and the state
	(a) Stricture					12	2.57 (19)-
0	(b) Other					4	2
0.	Diseases of the Prost		Conital O				
1.	Diseases (non-Venero Epididymitis	eal) of the			100000	10	and the second second
	Orchitis					12 66	7
	Hydrocele					17	
	Ulcer of Penis					55	_
1.	A. Metritis.						AllA N.
	B. Other affections	of the Fer	male Genital	Organs		-	3
	Displacement of					and - dist	3
	Amenorrhoea						56
	Dysmenorrhoea Leucorrhoea						15
		uerperal	State				1
_			State.				
5.	 A. Normal Labour B. Accidents of Pres 					-	21
10	(a) Other ad	cidents o	f Prognance				1
6. 1	Puerperal Haemorrha	ge	· · · · · ·				1 3
							0
	C. Affections of th	e Skin a	nd Cellular	Tissues.			
	Boil					244	23
	Carbuncle Abscess					8	9
	Whitlow					138	17
	Cellulitis					33 89	4 12
	A. Tinea					1,707	221
	B. Scabies					1,602	475
). (Other diseases of the	Skin.				No. of Concession, Name	a grant the state
	Erythema Urticaria					81	24
	Eczema					684	202
	Herpes					304	105
	Psoriasis					53	11
	Elephantiasis					49 20	15
	Outaneous Leishm					20	8
	Ulcer					2,345	228
x.		s and Or	gans of Lo	comotion			In the local
	(other the	in Tuber	culous.)		12 T	A WARDS	
. I	Diseases of Bones.						
	Osteitis					33	23
						a little	
						the break and a	

(17)

Table VI.

_		DISEASES				Male	Female
			Broug	ht forward	d	34,153	7,696
72.	Diseases of Joints.						
	Arthritis					92	31
	Synovitis					31	15
73.	Congenital Debility					_	7
4.	Other affections of I	nfancy				14	26
	XIII. Aff	ections of	Old Age				
75.	Senility					16	5
76.	Food Poisoning Botulism				·	3	1
17.	Attacks of Poisonou	s Animals.					
	Snake bite					3	1
	Insect bite					47	4
78.	Other accidental Poi	isoning				3	6
79.	Burns (by fire)					61	24
30.	Burns (other than fir					31	9
31.	Wounds (by cutting			nts)		1,955	246
32.				、···		239	58
33.	Wounds (crushing,	g. railway	accidents)		104	10
34.	Injuries inflicted by	Animals, B	ites, Kicks	, &c.		19	1
35.	A. Over fatigue						2
10	B. Hunger or Thirs	st				5	3
86.	Exposure to heat. Heatstroke					0	1
						$\frac{2}{4}$	1
274	A. Dislocation					4 3	3
37.	B. Sprain					305	16
	C. Fracture					16	4
						10	
		Defined D					
88.	A. Diseases not alre					1	_
	Ascites Oedema					9	5
	Asthenia					1	-
	Physical Examin					118	_
	I nysicar Dianin	anono					
				Total		37,235	8,172



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