

The medical report for the State of Pahang.

Contributors

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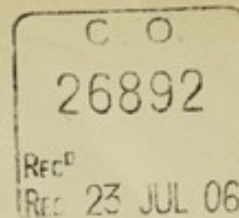
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Federated Malay States.



THE MEDICAL REPORT

FOR THE

STATE OF PAHANG,

1905.

RETURN OF THE STATISTICS OF POPULATION OF PAHANG
FOR THE YEAR 1905.

State of Pahang.	Europeans.	Eurasians.	Chinese.	Malays.	Tamils.	Others.	Total.
Number of inhabitants in 1904*	134	46	8,695	73,462	1,227	549	84,113
„ Births during the year 1905	2	2	54	1,922	9	8	1,997
„ Deaths „ 1905	1	1	946	1,287	89	13	2,337
„ Immigrants „ 1905			No records				
„ Emigrants „ 1905			No records				
„ Inhabitants in 1905 ...			No records				
Increase, or							
Decrease							

* Census of 1901.

METEOROLOGICAL RETURN OF KUALA LIPIS FOR THE YEAR 1905.

	Temperature.						Rainfall.		Winds.	
	Solar Maximum.	Minimum on Grass.	Shade Maximum	Shade Minimum.	Range.	Mean.	Amount in Inches.	Degree of Humidity.	General Direction.	Average Force.
January			92.0	68.0	16.20	80.0	3.64			
February			93.0	67.0	17.60	79.6	4.46			
March			94.0	69.0	19.19	81.7	4.14			
April			95.0	70.0	19.40	82.5	2.70			
May			94.0	70.0	17.84	81.7	9.88			
June			93.0	69.0	18.86	81.5	4.17			
July			93.0	68.0	18.58	80.7	5.64			
August			92.0	67.0	17.96	80.4	4.37			
September			92.0	68.0	17.57	79.8	8.63			
October			92.0	70.0	17.93	80.4	11.64			
November			91.0	70.0	16.30	77.0	12.82			
December			91.0	69.0	16.16	79.7	4.12			
Means			92.6	68.75	17.79	80.4	6.35			

RETURN OF DISEASES AND DEATHS IN 1905 AT
THE FOLLOWING INSTITUTIONS:

KUALA LIPIS GENERAL HOSPITAL; DISTRICT HOSPITALS AT RAUB, BENTONG, PEKAN
AND KUANTAN; AND GAOL HOSPITALS AT LIPIS AND PEKAN.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
GENERAL DISEASES.					
Small-pox	...	27	3	27	
Chicken-pox	...	6	...	6	
Measles	...				
Typhus	...				
Dengue	...				
Influenza	...				
Plague	...				
Mumps	...	2	...	2	
Diphtheria	...				
Febricula	...	1	...	1	
Enteric Fever	...	16	7	16	
Cholera	...				
Dysentery	6	299	51	305	12
Yellow Fever	...				
Beri-beri	20	381	67	401	31
Malarial Fever—					
(a) Intermittent—					
Quotidian	...				
Tertian	...	31	...	31	
Quartan	3	21	3	24	
Irregular	1	23	2	24	
Type undiagnosed	11	562	14	573	25
(b) Remittent	...	4	1	4	
(c) Pernicious R.	2	13	10	15	
Phagedæna—					
(a) Sloughing	...				
(b) Hospital gangrene	...				
Erysipelas	...	4	...	4	
Carried forward ...	43	1,390	158	1,433	68

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	43	1,390	158	1,433	68
GENERAL DISEASES—(cont.)					
Pyæmia	...	2	2	2	
Septicæmia	...				
Tetanus	...				
Tubercle	...	17	9	17	1
Leprosy—					
(a) Tubercular	...				
(b) Anæsthetic	...	2	...	2	
Yaws	...	1	...	1	
Syphilis—					
(a) Primary	...	27	1	27	8
(b) Secondary	...	24	...	24	1
(c) Inherited	2	59	...	61	2
Gonorrhœa	1	34	...	35	3
Hydrophobia	...				
Scurvy	...				
Alcoholism	...				
Delirium Tremens	...	2	...	2	1
Rheumatism, Syphilitic	...	6	...	6	
Rheumatism	2	57	3	59	7
Gout	...				
New Growth, non-malignant	...				
Do. malignant	...	2	...	2	
Rickets	...				
Anæmia	1	48	8	49	6
Myxœdema	...				
Diabetes mellitus	...				
Do. insipidus	...				
Debility	1	26	3	27	2
Other Diseases	...	10	5	10	1
<i>Carried forward</i> ...	50	1,707	189	1,757	100

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases	*Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	50	1,707	189	1,757	100
LOCAL DISEASES.					
NERVOUS SYSTEM.					
Sub-Section 1—					
Neuritis					
Meningitis					
Myelitis					
Hydrocephalus					
Encephalitis					
Abscess of Brain					
Congestion of Brain					
Sub-Section 2—					
Apoplexy					
Paralysis	2	5	...	7	
Bed-sore					
Chorea					
Epilepsy	...	1	...	1	
Neuralgia	1	8	...	9	
Hysteria					
Sub-Section 3—					
Idiocy					
Mania	...	1	...	1	
Melancholia					
Dementia	1	...	...	1	
Delusional Insanity	...	1	...	1	
Other Diseases of the System	...	1	...	1	1
EYE.					
Conjunctiva—					
Conjunctivitis	...	7	...	7	1
Cornea—					
Keratitis	...	2	...	2	
Ulceration	2	19	1	21	1
Opacity					
<i>Carried forward</i> ...	56	1,752	190	1,808	103

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	56	1,752	190	1,808	103
LOCAL DISEASES—(cont.)					
EYE—(cont.)					
Schlerotic—					
Staphyloma... ..	...	1	...	1	
Iris—					
Iritis	...	1	...	1	
Glaucoma	...				
Hypopyon	...	1	...	1	
Lens—					
Cataract	...	1	...	1	
Eyelids—					
Entropion	...				
Other Eye Diseases	...	1	...	1	
EAR.					
Inflammation	1	2	...	3	
Other Ear Diseases	...				
NOSE.					
Inflammation	...				
Other Nose Diseases	...				
CIRCULATORY SYSTEM.					
Membranes—					
Pericarditis... ..	...	4	2	4	1
Endocarditis	...				
Valvular Diseases	1	19	13	20	
Muscular Substance—					
Hypertrophy	...				
Dilatation	...				
Other Diseases of the System	...	4	2	4	1
RESPIRATORY SYSTEM.					
Larynx—					
Laryngitis	...				
<i>Carried forward</i> ...	58	1,786	207	1,844	105

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated	‡ Remaining in Hospital at end of 1905
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	58	1,786	207	1,844	105
LOCAL DISEASES—(cont.)					
RESPIRATORY SYSTEM—(cont.)					
Bronchi—					
Bronchitis ...	1	54	4	55	
Asthma ...	1	...	...	1	
Lung—					
Congestion ...					
Hæmoptysis ...					
Pneumonia ...	1	16	3	17	
Gangrene ...					
Phthisis ...	8	128	59	136	5
Emphysema ...	...	1	...	1	
Pleura—					
Pleurisy ...	1	8	3	9	
Empyema ...					
Other Diseases of the System ...	...	5	...	5	
DIGESTIVE SYSTEM.					
Mouth—					
Stomatitis ...					
Dental Periostium—					
Gum-boil ...					
Fauces—					
Tonsillitis ...					
Stomach—					
Gastritis ...	1	2	...	3	
Dyspepsia ...	...	17	1	17	
Intestines—					
Enteritis ...	1	9	8	10	
Sprue ...	...	1	1	1	
Hernia ...	...	5	...	5	
Constipation ...	...	11	...	11	
Diarrhœa ...	1	79	17	80	4
<i>Carried forward</i> ...	73	2,122	303	2,195	114

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	73	2,122	303	2,195	114
LOCAL DISEASES—(cont.)					
DIGESTIVE SYSTEM—(cont.)					
Rectum and Anus—					
Hemorrhoids ...	...	5	...	5	1
Liver—					
Hepatitis ...	...	4	...	4	...
Abscess Liver ...	...	2	2	2	...
Cirrhosis ...	...	7	2	7	2
Congestion Liver ...	...	2	...	2	1
Jaundice ...	...	4	...	4	...
Peritoneum—					
Peritonitis ...	...	2	2	2	...
Ascites ...	1	3	1	4	1
Other Diseases of the System ...	...	20	...	20	...
LYMPHATIC SYSTEM.					
Spleen—					
Splenitis ...	2	17	3	19	...
Bubo ...	...	19	...	19	3
Lymphangitis ...	...	4	...	4	...
Elephantiasis ...	...	...	...	...	...
Other Diseases of the System ...	...	5	...	5	1
URINARY SYSTEM.					
Kidney—					
Acute Nephritis ...	...	...	...	...	...
Bright's Disease ...	2	27	11	29	1
Hæmaturia ...	...	...	...	...	...
Chyluria ...	...	...	...	...	...
Bladder—					
Cystitis ...	...	3	...	3	...
Calculus ...	...	...	...	...	...
Other Diseases of the System ...	...	...	...	...	...
<i>Carried forward</i> ...	78	2,246	324	2,324	124

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	78	2,246	324	2,324	124
LOCAL DISEASES—(cont.)					
GENERATIVE SYSTEM.					
Urethra—					
Stricture	1	1	...	2	
Prepuce—					
Phimosis	1	5	...	6	
Paraphimosis					
Penis—					
Soft Chancre	1	12	1	13	2
Scrotum—					
Sloughing Scrotum					
Tunica Vaginalis—					
Hydrocele					
Testicle—					
Orchitis	...	6	...	6	
Epididymitis	...	1	...	1	
Other Diseases (male)					
Uterus—					
Metritis					
Uterine Displacements	...	1	...	1	
Amenorrhœa					
Dysmenorrhœa					
Menorrhagia					
Leucorrhœa	...	2	...	2	
Other Diseases (female)	...	1	...	1	
ORGANS OF LOCOMOTION.					
Bones—					
Ostitis	...				
Periostitis	...	3	...	3	
Caries	...	1	...	1	
Necrosis	...	3	1	3	
Joints—					
Synovitis	...	8	...	8	
Ankylosis	...	4	...	4	1
<i>Carried forward</i> ...	81	2,294	326	2,375	127

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.					* Remaining in Hospital at end of 1904.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
						Admis- sions.	Deaths.		
Brought forward ...					81	2,294	326	2,375	127
LOCAL DISEASES—(cont.)									
ORGANS OF LOCOMOTION—(cont.)									
Spine—									
Caries Spine					1	...	...	1	
Curvature Spine									
Muscles—									
Myalgia					...	1	...	1	
Other Diseases					...	3	...	3	
CONNECTIVE TISSUE.									
Cellulitis					...	5	...	5	
Abscess					5	60	1	65	4
Gangrene					1	2	...	3	
Other Diseases					...				
SKIN.									
Eczema					...	14	...	14	
Psoriasis					...				
Herpes... ..					...				
Do. Zoster... ..					...				
Ulcer					24	277	6	301	25
Boil					...	5	...	5	
Carbuncle					...	4	...	4	1
Onychia					...				
Whitlow					...				
Other Diseases					...	8	...	8	1
GENERAL INJURIES.									
Burns and Scalds					...	1	1	1	
Sunstroke					...				
Multiple Injury					1	14	...	15	1
Starvation					...	1	1	1	
Shock					...				
Carried forward ...					113	2,689	335	2,802	159

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1904	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1905.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	113	2,689	335	2,802	159
LOCAL INJURIES.					
Burns and Scalds	1	10	1	11	
Wounds	7	89	4	96	7
Sprains	...	6	...	6	2
Dislocations	...	3	...	3	
Fractures, simple	1	4	1	5	
Do. compound... ..	2	6	...	8	
Other Injuries	1	19	2	20	2
Surgical Operations	...	2	...	2	1
Malformations	...	1	1	1	
POISONS.					
Mercury	...	...	...	...	...
Alcohol	...	3	1	3	
Opium... ..	...	...	...	...	...
Other Poisons... ..	...	...	...	...	...
Poisoned Wounds	...	1	...	1	
PARASITES.					
Distomum Sinense	...	...	...	...	...
Tœnia Solium... ..	...	...	...	...	...
Ascaris Lumbricoides	...	...	...	...	...
Anchylostomum Duodenale	...	...	...	...	...
Oxyuris Vermicularis	...	...	...	...	...
Filaria Medinensis	...	...	...	...	...
Acarus Scabiei	1	11	...	12	
Tinea Circinata	...	1	...	1	
Other Parasites	...	4	...	4	
Under observation	...	9	5	9	
TOTAL ...	126	2,858	350	2,984	171

*i.e., the year previous to that for which the Return is made.

†“Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡The figures in this column to be carried on to the next year's Return.



FEDERATED MALAY STATES.

STATE OF PAHANG.

MEDICAL REPORT FOR THE YEAR 1905.

POPULATION.

In the absence of any immigration and emigration returns, it is impossible to calculate the population and the various nationalities of the State.

The estimated population in 1901 as per census was 84,113; since that date, however, it has considerably increased, owing chiefly to the influx of all prevailing nationalities, more particularly Chinese and Tamils; the total is now probably considerably over 100,000.

VITAL STATISTICS.

The Return of Births registered during the year with nationalities and sexes is as under:

District.	Nationality and sex.												Total.
	Europeans.		Eurasians.		Chinese.		Malays.		Tamils.		Others.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Lipis	...	...	...	1	3	3	276	266	3	1	1	...	554
Raub	...	2	...	...	15	14	146	149	1	2	3	...	332
Temerloh	...	...	...	...	...	...	208	196	...	...	1	...	405
Pekan	...	...	1	...	3	3	258	265	...	...	2	...	532
Kuantan	...	...	...	...	2	11	72	86	2	...	1	...	174
Total { Male ...	...	...	1	...	23	...	960	...	6	...	8	...	998
{ Female ...	...	2	...	1	...	31	...	962	...	3	...	...	999
Grand Totals ...	2		2		54		1,922		9		8		1,997

The Death Return, with its accompanying nationalities and sexes, is:

District.			Nationality and sex.												Total	
			Europeans.		Eurasians.		Chinese.		Malays.		Tamils.		Others.			
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
Lipis ...	...	...	...	...	...	...	41	11	142	135	4	1	1	...	335	
Raub ...	...	...	...	...	...	...	321	5	144	84	44	11	6	2	617	
Temerloh ...	...	...	...	...	...	...	...	...	161	135	...	...	...	...	296	
Pekan ...	...	...	...	...	1	...	31	9	210	156	1	...	1	...	409	
Kuantan ...	...	...	1	...	...	...	508	20	64	56	25	3	2	1	680	
Total {	Male	...	1	...	1	...	901	...	721	...	74	...	10	...	1,708	
	Female	...	...	...	...	...	...	45	...	566	...	15	...	3	629	
Grand Totals			...	1		1		946		1,287		89		13		2,337

Absolute reliance cannot be placed on the death return owing to the inaccessibility of several districts of the State, and the difficulty of examining and checking returns from these parts, while the causes of death, on account of the ignorance of the bulk of the recorders, is in a necessarily chaotic state; for instance, 94 deaths were returned as "sakit prut," three "sakit angin," five from itch, and 31 unknown. Eight hundred and forty-three deaths were returned as "fever," 67 as convulsions, and 83 as bronchitis; while it is quite probable that some of the deaths from the more remote districts were not returned at all.

ZYMOTIC DISEASE.

Six cases of small-pox occurred during the year at Ketapang in the Pekan district, five Malays and one Chinese being affected; all recovered.

At Pekan, two Malays were successfully treated.

An outbreak occurred at Tanah Merah, north of Kuantan, 25 Malays being attacked, among whom three died.

CHICKEN-POX.

One case, a Malay, occurred in Kuala Lipis Gaol; four Tamils at Raub and one Malay at Bentong; all recovered.

WORK DONE.

Return of Patients treated at the various State hospitals:

Hospital.	Remained 31st December, 1904.	Admitted during 1905.	Total.	Discharged.	Transferred.	Absconded.	Died.	Remaining 31st December, 1905.	Percentage of deaths occurred.	Percentage of deaths, excluding those within 24 hours.
Lipis ...	9	274	283	264	...	1	11	7	3.88	3.21
" Gaol ...	2	18	20	16	...	...	3	1	15.00	...
Raub ...	47	478	525	428	1	8	54	34	10.28	7.64
Bentong ...	63	1,451	1,514	1,262	2	6	162	82	10.07	7.09
Pekan ...	4	122	126	95	2	3	16	10	12.06	...
" Gaol ...	1	28	29	26	1	...	2	...	6.89	...
Kuantan ...	...	487	487	323	20	5	102	37	20.94	17.09
Total ...	126	2,858	2,984	2,414	26	23	350	171	11.72	9.26

The death-rate calls for no comment, save in the case of Kuantan, where the fact of one dresser having to attend a daily average of over 40 bad cases, besides looking after the out-patients and performing the whole of the clerical work of the hospital, is more than a sufficient excuse.

The death-rate of Pekan Hospital is also higher than usual, on account of the transfer there of several beri-beri cases from the overcrowded hospital at Kuantan.

The chief diseases treated during the year, with their percentage of deaths, were:

Disease.	Number treated.	Number of deaths.	Percentage of deaths.
Malaria ...	671	30	4.47
Beri-beri ...	401	67	16.70
Dysentery ...	305	51	16.72
Veneral diseases ...	153	1	.65
Phthisis ...	136	59	43.38
Diarrhoea ...	80	17	21.25

The large percentage of deaths from beri-beri and bowel complaints is chiefly due to the deaths at Kuantan, where 25 per cent. of those admitted with these diseases died.

Most of the cases of beri-beri came from the mining kongsis in and around Blat.

The percentage of deaths from other diseases is also swollen by the inclusion of the Kuantan Hospital returns, at which hospital the death-rate from malaria was 18 per cent., dysentery 28 per cent., phthisis 70 per cent. and diarrhoea 50 per cent.

A comparative statement of the number of all patients treated at the State hospitals for the past six years is appended; this includes none admitted to private hospitals, on which subject I have commented later.

Year.	In-door patients.			Out-door patients.	
	Total treated.	Total deaths.	Percentage of deaths.	Total treated.	
1900 ...	1,218	76	6.23	5,782	
1901 ...	1,720	232	13.48	6,698	
1902 ...	1,894	230	12.14	7,620	
1903 ...	2,008	221	11.05	13,849	
1904 ...	2,206	232	10.51	13,312	
1905 ...	2,984	350	11.72	15,778	

Both the increased number of cases and the percentage of deaths can be attributed to Kuantan; the hospital there was only opened this year, and the death-rate remarkably high, as alluded to elsewhere.

A comparative return, showing the number of out-patients treated during the past three years is appended; it will be noticed that, with the exception of Kuala Lipis, the number shows a steady increase at all hospitals.

OUT-PATIENTS.

Hospital.	Number of new cases.			Number of repetitions.			Total treated.		
	1903.	1904.	1905.	1903.	1904.	1905.	1903.	1904.	1905.
Lipis	2,501	4,084	4,196	3,296	934	568	5,797	5,018	4,764
Raub	1,467	1,885	2,168	285	439	455	1,752	2,324	2,623
Tras Dispensary	...	412	445	...	56	33	...	468	478
Bentong	2,647	3,132	3,764	439	568	555	3,086	3,700	4,319
Pekan	1,813	1,391	1,674	1,401	440	215	3,214	1,831	1,889
Kuantan	...	...	1,363	...	...	342	...	...	1,705
Total	8,428	10,904	13,610	5,421	2,437	2,168	13,849	13,341	15,778

The number of patients treated in the various State hospitals during the past five years was :

Hospital.	1901.	1902.	1903.	1904.	1905.
Kuala Lipis	...	565	432	351	283
Raub	518	538	472	532	525
Bentong	363	463	833	1,066	1,514
Pekan	194	210	187	219	126
Kuantan	...	...	...	...	487

From this it will be noticed that the admissions to Kuala Lipis are steadily declining, owing to the rapidly diminishing population and importance of the village and surrounding country.

The conditions at Raub are about stationary.

At Bentong there has been a steady increase of admissions; while some of this is due to the increasing importance of the town, I am of the opinion that the bulk of it is owing to the importation of Indian labour for work at the new roads; this is borne out by the fact that the increased percentage of Chinese hospital admissions over 1904 is but 17 per cent., while that for Tamils amounts to no less than 255 per cent.

The admissions to Kuantan would have been considerably higher had there been room to receive them; as it was, usually double the number of cases was admitted over the accommodation available, and numerous bad cases were unavoidably turned away, or treated in some instances as out-patients.

OPERATIONS.

One hundred and twenty-eight operations were performed during the year with three deaths, sixty-five of these being at Bentong.

PRIVATE HOSPITALS.

Four private hospitals exist, concerning which the managers have refused to supply any information; the mortality is, however, known to be heavy. In some of these, no registers of either admissions, deaths or diseases are kept.

GAOLS.

The number of prisoners treated in the Gaol hospitals is as under :

Station.	Remained 31st Dec., 1904.	Admitted during 1905.	Total treated.	Deaths.	Remaining 31st Dec., 1905.
Kuala Lipis	2	18	20	3	1
Pekan	1	28	29	2	...
Raub	...	5	5	2	1
Total	3	51	54	7	2

POLICE.

Two hundred and fifteen police were admitted to the various State hospitals, their number and nationalities being as under:

Hospital.	Sikhs.	Malays.	Total.
Kuala Lipis	50	26	76
Raub	41	16	57
Bentong	27	7	34
Pekan	29	12	41
Kuantan	4	3	7
Total	151	64	215

Twelve Sikhs and two Malays were boarded during this year as unfit for further service in the force.

METEOROLOGICAL.

An abstract showing the rainfall for each month for each station, and the number of wet days at each, is appended.

RAINFALL.

Months.	Lipis.		Bentong.		Raub.		Pekan.		Kuantan.		Temerloh.	
	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.
January ...	3.64	6	6.96	13	5.60	11	3.45	9	2.81	7	3.55	7
February ...	4.46	15	4.39	17	7.72	14	22.07	18	5.54	10	5.38	8
March ...	4.14	9	3.69	9	4.28	7	3.62	8	1.82	7	2.38	7
April ...	2.70	11	6.63	16	4.43	12	6.54	16	8.55	14	4.41	9
May ...	9.88	18	7.01	15	4.56	16	9.16	21	7.82	12	10.26	13
June ...	4.17	10	3.92	9	2.16	12	3.65	13	6.26	10	2.95	10
July ...	5.64	11	3.96	17	5.61	12	5.84	18	3.24	9	2.79	12
August ...	4.37	11	5.33	14	9.19	14	4.22	15	7.10	13	4.53	8
September ...	8.63	17	4.14	15	6.37	13	5.23	11	5.96	13	6.41	15
October ...	11.64	18	15.90	15	8.43	17	7.95	12	5.68	12	4.84	11
November ...	12.82	21	16.69	26	11.44	18	32.82	26	24.05	21	9.91	22
December ...	4.12	17	8.51	22	6.15	20	15.57	21	12.38	18	7	17
Total ...	76.21	164	87.13	188	75.94	166	120.12	188	91.21	146	64.41	139

Barometrical, humidity, and anemometrical observations have not hitherto been recorded in this State.

The mean maximum and minimum temperature, with the daily and annual range, for the past year was:

Station.	Maximum shade temperature.	Minimum shade temperature.	Mean.	Extreme daily range.	Extreme annual range.
Lipis	92.6	68.7	80.4	23	28
Raub	91.3	68.3	79.8	25	27
Bentong	92	68.3	80.3	24.5	28.5
Temerloh	96	68	82	28	28
Pekan	90.1	69.8	80	28	20
Kuantan	90.2	69.4	79.7	13.6	20.8

The maximum temperature recorded was 96° at Temerloh. The minimum was 68°, also at Temerloh.

The maximum rainfall in any month was 32.82 in. in November at Pekan, and the greatest in any one day of twenty-four hours 10.02 in. at Kuantan on 9th November,

1905. A comparison of the rainfall for the past ten years, with the number of rainy days in each year, is appended:

Years.	Lipis.		Raub.		Bentong.		Pekan.		Kuantan.		Temerloh.	
	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.	Inches.	Rainy days.
1896 ...	107.57	187	*	*	*	*	182.20	170	139.64	204	*	*
1897 ...	127.97	215	*	*	*	*	189.60	174	156.07	*	68.30	*
1898 ...	105.74	176	*	*	*	*	110.31	167	107.86	179	98.04	134
1899 ...	108.95	203	85.61	154	*	*	133.63	202	109.53	213	89.48	106
1900 ...	96.69	160	158.80	153	*	*	110.74	211	82.26	199	140.47	130
1901 ...	89.88	167	74.02	151	92.27	*	112.66	195	97.39	194	63.45	131
1902 ...	83.84	204	86.94	158	106.09	161	99.78	189	105.04	177	55.81	103
1903 ...	97.64	191	70.65	158	61.31	146	134.30	197	92.14	151	62.69	119
1904 ...	84.42	159	71.72	137	87.28	161	140.81	203	100.49	163	58.67	115
1905 ...	76.21	164	75.94	166	87.12	188	120.12	188	61.21	146	64.41	139

* Not recorded.

There is a marked increase in the number of cases of the under-mentioned diseases over last year, as hereunder shown:

	1904.	1905.
Beri-beri ...	219	401
Dysentery ...	129	305
Phthisis ...	71	136
Venereal diseases...	81	153

This is due chiefly to the opening of a new hospital at Kuantan and to the increase of the population at Bentong and Kuantan.

The number of beri-beri cases treated in the State hospitals only for the past five years is:

Year.	Total treated.	Total deaths.	Percentage of deaths.
1901 ...	245	52	21.22
1902 ...	144	44	30.55
1903 ...	157	35	22.29
1904 ...	219	37	16.89
1905 ...	401	67	16.70

SANITATION.

Jungle was cleared around several houses in Kuala Lipis in the course of the year, while at Raub and Bentong clearing was also undertaken and in many instances mosquitoes considerably lessened thereby.

The water supply of Kuala Lipis still remains in the same condition reported on by my predecessor, it is to be hoped that before removing the capital of the State to another location steps will be taken to ascertain the nature of the water supply of the site decided upon.

Several cases of typhoid and dysentery were reported in the town during the year. The death returns show that in the district of Lipis 74 cases of dysentery, with 23 deaths, occurred; of these, 32 cases with two deaths were treated in the hospital; while five cases of typhoid with one death (a Government servant), were also treated in Kuala Lipis hospital—all these were probably due to an infected water supply.

VACCINATION.

Vaccinations were performed as under during the year; the percentage of failures is unduly high and is largely due, I consider, to the inexperience and inability of the vaccinators; though in some instances, notably at Rompin where on one occasion out of 114 vaccinations all proved failures, it is doubtless due to imperfect lymph:

District.	Number vaccinated.					Result.				
	Eurasians.	Chinese.	Malaya.	Tamils.	Total.	Perfect.	Modified.	Failed.	Not seen.	Total.
Upper Pahang ...	3	3	1,163	2	1,171	485	155	210	321	1,171
Lower Pahang ...	...	14	1,317	8	1,339	272	...	390	677	1,339
Total ...	3	17	2,480	10	2,510	757	155	600	998	2,510

VETERINARY.

FOOT-AND-MOUTH DISEASE broke out in January at Benta and continued during February and March; in the Kuala Lipis mukim 22 bullocks and 69 buffaloes were affected, two of the former animals died; during the same months the disease was prevalent in Raub, Tras and Bentong, the cases occurring as under:

	Bullocks.	Buffaloes.	Deaths.
Raub	96*	9	3*
Tras	13		
Bentong	16		
Kuala Lipis	22	69	2

RINDERPEST.—Two cases among bullocks occurred during the year, of which one died.

RABIES.—During my absence from Kuala Lipis on inspection duty in September, it was reported that rabies had broken out in this town. During the panic that ensued on this supposition some 16 dogs were shot. The disease proved to be distemper, two only of the affected animals dying and these probably from neglect. Six animals were kept under observation at the hospital, all of these recovered. Another report from Bentong in October that rabies had appeared there likewise proved to be false.

From the above it will be seen that the services of a Veterinary Inspector are urgently required, the entire work at present falling on the State and District Surgeons.

W. H. FRY,
State Surgeon.