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## SUPPLEMENT

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CONTENTS:

PAHANG ADMINISTRATION REPORT, 1920.

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# PAHANG

## ADMINISTRATION REPORT

### FOR THE YEAR 1920.

[The value of the dollar is 2s 4d.]

[A pikul is 133 $\frac{1}{3}$  pounds av.]

[A tahl is 1 $\frac{1}{3}$  oz. av.]

[A gantang=A gallon.]

#### FINANCIAL.

1. The revenue for the year amounted to \$2,956,200 as compared with \$2,918,942 for the preceding year and a revised estimate of \$2,539,483.

The principal increases on the receipts for 1919 were under the main headings of Land Revenue, \$15,728; Customs, \$170,930; Licences, \$44,825; Fees of Office, \$4,477; Miscellaneous Receipts, \$2,235; Municipal, \$3,294.

The decreases were Interest, \$356; Land Sales, \$13,323.

The State's share of Federal revenue came to \$482,272, including Forest revenue \$116,930.

The expenditure was \$4,369,822 on an estimate of \$3,501,131. Federal charges accounted for \$1,944,252 of the expenditure as compared with \$1,327,250 for 1919.

The disbursements under Miscellaneous Services amounted to \$301,886, the principal item being loss on account of rice purchased by Government for sale to Government coolies at reduced prices \$56,204, authorized under special warrant. Temporary allowances amounted to \$152,621 and war risks insurance \$39.

The following statement shows the revenue and expenditure for the last five years:

Year.						Revenue.		Expenditure.
1916	...	...	...	...	...	\$1,871,297	...	\$1,518,074
1917	...	...	...	...	...	2,498,141	...	1,921,682
1918	...	...	...	...	...	2,861,577	...	2,295,416
1919	...	...	...	...	...	2,918,942	...	3,146,888
1920	...	...	...	...	...	2,956,200	...	4,369,822

The liabilities of the State on 1st January, 1920, were \$9,895,067. This amount was increased by \$1,413,622 (excess of expenditure over revenue) and the balance of liabilities outstanding on 1st January, 1921, was \$11,308,689.

Cash imprests to the extent of \$383,600 were obtained from Selangor by the State Treasurer.

On the account for small agricultural loans, the sum of \$8,375 was available on 1st January, 1920, the amount of loans outstanding on the same date being \$41,625. Twenty-seven thousand two hundred and fifteen dollars were lent during the year and \$28,857 repaid. The balance available for loans on 31st December was \$10,017.

On the account for loans to owners of urban property for building purposes the sum of \$44,600 was available on 1st January, 1920, the amount outstanding on the same date being \$5,400. No loans were made during the year. Repayments amounted \$1,324. The balance available for loans on 31st December was \$45,924.

## TRADE AND CUSTOMS.

2. The total value of trade for the year was \$18,994,364 as against \$17,536,859 in 1919, an increase of \$1,457,505.

The total values of imports and exports for the year were \$5,738,317 and \$13,256,047, respectively, as against \$5,756,275 and \$11,780,584 in 1919.

The non-dutiable merchandise traffic by road through the western States is not included in the above returns, which therefore do not represent the whole trade of the State by a considerable margin.

The export of tin and tin-ore, viz., 72,466.89 pikuls, showed a decrease in quantity of 250.79 pikuls, but an increase in value of \$1,631,160 on that for the previous year.

The quantity of rubber exported from this State was 2,326.58 tons, value \$4,237,115, a decrease in quantity of 129.94 tons, and in value of \$127,605 on the export for 1919.

The export of copra amounted to 3,164 pikuls as against 4,495 pikuls in 1919.

The revenue collected by the Customs Department during the year was \$937,978. This amount does not include duty on spirits, tobacco, etc., imported overland via the western States.

## EXCISE.

3. The revenue derived from the Chandu Monopoly was \$1,020,190 as compared with \$1,003,115 in the previous year.

The sales of chandu amounted to 116,555 tahils during the year, and 6,009 tahils of dross were purchased from licensees as compared with 5,059 tahils in 1919.

There were 36 prosecutions under the Chandu Enactment, convictions being obtained in thirty cases.

Twenty-four "off" licences and sixteen "on and off" licences were issued.

Three thousand five hundred and fourteen gallons of samsu were distilled at Raub during the year. Seven thousand three hundred and seventy-nine dollars were paid thereon in excise duty.

## MARINE.

4. The number and tonnage of vessels (other than native craft) which entered and cleared from the ports of the State in 1919 and 1920 are shown in the following statement:

Year	Entered		Cleared		Total	
	No.	Tonnage	No.	Tonnage	No.	Tonnage
1919...	258	57,605	258	57,605	516	115,210
1920...	266	67,919	266	67,919	532	135,838

The number of native craft which entered and cleared during the year was 992 with a tonnage of 45,052 as against 946 and a tonnage of 36,860 in 1919.

The arrivals and departures at the ports of Kuantan and Kuala Pahang were as follows:

Arrivals	...	...	...	...	...	...	...	4,185
Departures	...	...	...	...	...	...	...	3,489

## LEGISLATION.

5. There were three meetings of the State Council during the year. One State Enactment was passed, viz.:

The Muhammadan Marriage and Divorce Registration Enactment, 1 of 1920.

Other business transacted at the meetings was the consideration of two murder cases, Kuantan Criminal Case Nos. 1/20 and 4/20, in which the capital sentences were commuted to sentences of ten years' rigorous imprisonment and penal servitude for life, respectively; the appointment and promotion of Native Officers, principally Penghulus, etc.

## ADMINISTRATION.

6. The new appointment of Secretary to the Resident was created, and came into being on the 1st January, 1920. Mr. G. E. London was appointed to the post and officiated therein throughout the year.

Mr. C. W. Bresland was in charge of the Lipis district until 8th May, when he was transferred to Seremban. He was succeeded by Mr. S. W. Jones who remained in charge for the rest of the year.

Raub district was under the charge of Mr. M. Rex until 1st July when he was transferred elsewhere. Mr. W. R. Boyd took charge of the district from 2nd July and remained in charge for the rest of the year.

Temerloh district was administered by Mr. J. V. Cowgill until 27th October when he was transferred to Kuala Lumpur, being succeeded by Mr. W. Burton who remained in charge until the end of the year.

Mr. J. E. Kempe was in charge of the Pekan district throughout the year.

Mr. A. F. Richards who was in charge of the Kuantan district was transferred to Singapore on 27th April, being succeeded by Mr. F. T. Tree who remained in charge of the district for the rest of the year.

#### LAND AND AGRICULTURE.

7. The revenue derived from land in 1920 was \$302,759 (including land sales \$34,271) as against an estimate of \$280,495.

The total revenue for the previous year was exceeded by \$1,832, rents on agricultural lands amounted to \$198,365 compared with \$175,142 in 1919; mining rents produced \$20,993, showing an increase of \$47.

Appendices B I-VII give numerical details of the year's Land Office work in the various districts.

The year opened well from the Land Office point of view. Applications for areas both great and small were received in large numbers. In all offices, staffs were heavily overtaxed in dealing with an almost unprecedented rush and during the first half year the Land Office books in the Temerloh district and Bentong sub-district were closed in order to provide an opportunity for the staffs to cope with the volume of existing applications and restore some order out of the fast increasing chaos.

Equilibrium was somewhat restored by the raising of the land rents and the general imposition of premium under the new land rules which brought the Pahang land terms into line with those in the western States. The effect of this action was later amplified by the depression which settled on the country, many applications of the unstable type being withdrawn. It is feared, however, that should the depression persist for any length of time, its effect on the general land revenue for 1921 will be distinctly repressive—and the estimates of revenue to be derived from new alienations will fall far short of realization.

The Agricultural Loan Fund was in a sound position at the close of the year. After deducting interest payable to revenue a sum of \$7,625 remained immediately available for further loans; and, for the working of the subsequent year, that sum will be enhanced by the amount repaid as current loans fall due and are recovered.

Agricultural shows were held at Kuantan, Pekan and Temerloh; and a joint show for the Raub and Lipis districts was held also at Raub. Considerable success attended the efforts of the organizers. There is little doubt that the native agriculturist is beginning to benefit slowly from the educational advantages of these shows. Keen competition and emulation is noticeable, and some of the exhibits were distinctly encouraging.

The padi crop throughout the State returned to normal after the comparatively bad season of last year when influenza hampered planting operations.

In the districts other than Temerloh (where the harvest was late and records consequently incomplete) a total crop of 3,039,470 gantangs was reaped from 22,738 acres under rice cultivation. Pests were troublesome and floods damaged the padi in its early stages, but, generally speaking, subsequent improvements in the weather conditions brought about a recovery.

The policy of effecting improvements in the irrigation of existing padi fields, and of the opening up of new *payahs*, was continued, the work being carried out by the inhabitants of the localities concerned, and small contractors, under the direction of the District Officers and with the advice and assistance of the local Public Work Department heads.

The State motor tractor, with plough and harrow, was in commission on the *tenggala* (plough) lands at Tanjong Medang, Pekan district. It afforded an object lesson in what might be accomplished by ousting the intensely slow and antiquated methods of cultivation employed by the native. Although the experiment was not an unqualified economical success there is no doubt that it had a considerable educational effect.

## BUFFALOES AND CATTLE.

8. The return showing the census of buffaloes and cattle throughout the State for the last five years is as follows:

District.	Buffaloes.					Cattle.				
	1916.	1917.	1918.	1919.	1920.	1916.	1917.	1918.	1919.	1920.
Lipis ...	9,674	8,323	9,091	9,067	8,022	875	912	833	770	795
Raub ...	5,224	5,082	4,698	4,769	5,058	1,211	1,237	861	887	785
Temerloh ...	8,330	8,242	8,304	8,850	8,604	420	470	479	439	537
Pekan ...	4,917	4,956	4,207	4,294	5,302	574	551	405	531	585
Kuantan ...	467	537	445	479	398	770	991	1,042	1,163	1,202
Total ...	28,612	27,140	26,745	27,459	27,384	3,850	4,161	3,620	3,790	3,904

## FORESTS.

9. The western division of the State was administered by Mr. G. J. Henbrey, Assistant Conservator of Forests, Grade I, until May 14th, when Mr. P. Phillips, Deputy Conservator of Forests, returned from leave and assumed duty, remaining in charge for the rest of the year.

Pahang East was under the charge of Mr. A. E. Rambaut, Assistant Conservator of Forests, until February when he was relieved by Mr. C. Smith, Assistant Conservator of Forests. The latter was succeeded in May by Mr. G. J. Henbrey, Assistant Conservator of Forests, who was in charge for the remaining portion of the year.

Forest revenue for the State amounted to a sum of \$116,931 as against \$130,767 in 1919; the decrease of \$13,836 was mainly due to the smaller outturn of timber for railway requirements in the western division, and to the reduced royalties on gutta percha.

The expenditure for the year was \$104,927, excluding salaries and allowances of sterling paid officers.

## FOREST RESERVES.

The Jelai firewood reserve, area 6,800 acres, was finally notified; and the following proposed reserves were preliminarily gazetted:

Benus Telemong ...	70,000 acres	Bentong
Bukit Raka ...	9,000 "	"
Extension to Rotan Tunggal reserve	29	Raub
Bukit Cherai ...	50,000 "	Pekan

The total area of reserved forests in the State at the end of the year under review was 724,226 acres or 1,131.6 square miles representing 7.9 per cent. of the total area of the State.

Explorations were carried out in the upper reaches of the Sungei Bera, and in the northern portion of the proposed Jinka reserve between Gunong Sinyum and the Benta Kuantan road.

A total boundary length of  $75\frac{1}{2}$  miles was newly demarcated during the year, bringing the length of demarcated boundaries up to  $1,047\frac{1}{2}$  miles.

Thirteen and a quarter miles of footpath through the Lakum and Klau reserves were also surveyed departmentally by compass.

Twelve miles of forest reserve footpaths were repaired in the eastern division and 71 miles in the western division of the State. Twenty-nine miles of new paths were constructed in the latter division on an organized scheme which now permits of through communication by forest reserve paths from the Pahang railway to the Jebebu road (36 miles) and from the new Mentakab-Karak road to the Bentong-Karak road ( $24\frac{1}{2}$  miles). This path will eventually be extended to Kerdau railway station, through the Kerdau reserve, to a final length of 36 miles. A considerable amount of Sakai labour was utilized in the above constructions.

One hundred and six cases of offences against the Forest Laws were reported during the year, 26 of which were brought before the courts, the remainder being dealt with departmentally. Unlawful possession of gutta percha formed the subject of the charge in three cases before the courts; in one a sentence of three months' imprisonment was passed, a fine of \$200 was inflicted in the second, while the third case was dismissed through lack of evidence.

Nine offences were committed in forest reserves.

## SYLVICULTURE.

All forest trees flowered heavily in October, November and December—the prospects of a big seed crop were good.

Kapur flowered late in the year in the Perah reserve, Rompin, but a good fruiting season is badly needed to re-stock the areas which have been left bare by timber workers.

Taban Merah flowered in Lipis and Raub districts in September and seed was gathered; heavy toll, however, was taken by bats.

Improvement fellings were made over 756 acres in the Benchah reserve, chiefly in the interests of Taban, but a number of nyatoh trees also received attention. An enumeration showed that 5,723 Taban Merah trees had been tended.

Two acres of the Pulau Lang reserve which had been cut over for firewood were replanted with mangrove.

No new cultural operations were undertaken.

## EXPLOITATION.

## TIMBER AND FUEL.

In the western division, 12,511 tons of timber of all classes were worked on State and alienated land, together with 1,275 tons of poles, 21,690 tons of fuel and 399 tons of charcoal; a total of 35,875 tons as compared with 34,913 tons in 1919.

Five hundred and forty-three tons of fuel-wood were obtained from the Sungei Kerpan reserve.

Two new sawmills were erected at Mentakab and Triang making a total of three mills now existing in the division. The use of these labour saving devices may be expected to bring about a considerable reduction in the price of converted timber.

In the eastern division, 13,595 tons of timber and poles and 6,904 tons of firewood and charcoal were obtained—as against 11,597 tons and 7,601 tons, respectively, in 1919. Of the former, 5,900 tons were worked from reserved forests by Singapore firms in the Lesong reserve, and by the Pahang Consolidated Company, Limited, in the Bukit Goh reserve where some exceptionally large baulks of Chengal timber were cut for the construction of a Cornish Pump. There was considerable waste in the methods adopted in the Lesong reserve, and non-observance of instructions there eventually resulted in the working firms being given notice of cancellation of their agreement.

The principal forest products other than timber were:

*Canes*—The output was in excess of that of the previous years, although the industry in the eastern division was somewhat intermittent owing to unsettled markets. The royalty collected on canes and rotans of all sorts was \$9,400 as against \$7,323 in 1919.

*Damar*—Three hundred and thirty-eight pikuls of damar were collected as against 907 pikuls in 1919. There was a general depression in the trade in this commodity.

*Gutta Percha*—Five thousand six hundred and twenty-four pounds were collected. This amount is considerably below the figures reported for 1919; the main cause again being the depression in the markets, the price falling from \$680 per pikul in May to \$420 in December. The dismantling of Mr. Windsor's factory in Kuantan adversely affected the output and the royalty figures, but Taban leaf concessionary rights over a large area of State land in the Pekan and Kuantan districts were alienated to him during the year and the erection of a new factory was commenced at Kuala Lepar. The output of Getah Taban may therefore be expected to show a considerable increase in the future.

The royalty realized on gutta percha was \$9,486 as compared with \$22,101 in 1919.

## MINING.

10. Mr. G. T. Holford took up the post of Assistant Warden of Mines, performing the duties both in Ulu Pahang and the Coast districts, on 7th January, up till which date the post had been vacant since the departure of Mr. Dishman in December, 1919. On May 10th he was relieved by Mr. A. T. Bennetts who acted in the dual capacity until the end of the year.

The revenue from all sources relating to mining was:

	Ulu Pahang.		Coast.		Total.
	\$337,712	...	\$390,657	...	\$728,369
as against 1919	299,638	...	291,499	...	591,137

The total area of mining land held under title in 1920 was 33,750 acres as compared with 38,802 in 1919. Both totals are exclusive of the area of the unsurveyed concession of the Pahang Consolidated Company, Limited. The reduction in area was confined almost entirely to the Ulu division.

#### TIN MINING.

##### LODE.

##### PAHANG CONSOLIDATED COMPANY, LIMITED.

The total output from this concession was 2,376 tons of tin-ore as compared with 2,188.73 tons in 1919. Of this total, 2,221 tons were produced by mill from ore derived from the mines.

The total labour force employed, exclusive of 945 woodcutters, was 3,200 men, and 27 engines of 4,974 horse-power were in commission. One hundred and eighty-three alluvial miners were working on the concession, as compared with 600 in 1919.

The company produced and exported 10½ tons of arsenic.

*Murai Tin Co., Ltd.*—This company, although increasing the amount of ore treated by nearly 100 per cent., produced 50 per cent. less tin than in 1919.

		Ore crushed.		Tin-ore won.		Labour force.		Engines, H.P.
		TONS.		PIKULS.				
1920	...	23,523	...	2,014	...	166	...	79
1919	...	12,015	...	3,057	...	123	...	16

Considerable development work was done. A five-foot Huntingdon mill was introduced late in the year, which will practically double the ore capacity of the mill.

*Sungei Gau Tin Mining Co., Ltd.*—The output of this mine also shows a reduction in spite of heavier milling:

		Ore crushed.		Tin-ore won.		Labour force.		Engines, H.P.
		TONS.		PIKULS.				
1920	...	3,649	...	902	...	155	...	69
1919	...	3,293	...	1,534	...	136	...	26

##### DREDGING.

*The Tin Bentong (No Liability) Company.*—Produced 4,312 pikuls of clean tin-ore from a dredged yardage of 836,800 cubic yards averaging a value per cubic yard of .515 as against .41 in the previous year.

For the greater part of the year the dredge worked in old abandoned padi fields which had been destroyed as such by silt from the Bentong and Lebah rivers.

##### OPEN-CAST.

*Gambang.*—Seven hundred and two coolies, including 70 working on Individual Mining Licence, were engaged in this area, as against 887 in 1919.

Two small mines were shut down during the year.

*Manchis.*—Operations were resumed in this area on a small scale.

*Gunong Lesong.*—Eight hundred and ninety-one pikuls of ore were exported from this forest reserve where work is being carried on under permit from the Forest Department.

##### TAILINGS.

An extensive survey is required for dealing with the tailings situation at Bentong and such a survey will, it is hoped, be commenced early in 1921. On its results it may be possible to base a well-considered scheme of retention affecting the Perting and Repas valleys which form the main mining area.

In the Coast division the tailings question is not so acute, though the fact that parts of the Kuantan-Benta road in the mining area are gradually becoming silted over shows that careful handling of the matter is necessary to prevent considerable trouble accumulating in the future.

##### PROSPECTING.

Five prospecting licences were issued in the Ulu division of the State during the year, covering a prospecting area of 7,250 acres. No selection under these licences was made, but 150 acres were selected in 1920 under prospecting licences issued in 1919.

In the Coast division 17 prospecting licences were issued covering 29,057 acres and several extensions of time have been applied for in cases of large areas in unopened places which are difficult of access. The monsoon also affects prospectors' efforts to a considerable degree, parts of the country being under water in the wettest season.

## GOLD MINING.

The Raub Australian Gold Mining Company, Limited, turned out 11,476 ounces of gold as against 15,301 ounces in 1919. The tonnage crushed was, however, much smaller, the treatment of surface material having been discontinued as unprofitable.

The following figures are comparative :

		Tons crushed.		Gold ozs., won.		Dwts. per ton.		Labour force.		Engines, H.P.
1920	...	50,000	...	11,476	...	4.6	...	603	...	1,652
1919	...	96,618	...	15,301	...	3.16	...	903	...	1,582

Four shafts were in active operation and the total length of reef worked between them was approximately 6,000 feet, though the ore extends beyond the shafts in both directions.

## LABOUR.

The following comparative return shows the total labour force employed and its distribution, the figures including workers under individual licence, but not "dulang" workers.

						1920.		1919.
Ulu division	...	...	...	...	...	3,536	...	4,528
Coast division	...	...	...	...	...	4,030	...	4,259
Total	...	...	...	...	...	7,566	...	8,787

The figures represent the conditions at the end of the year, the labour census having been taken during December when the slump had been operative for some time.

Dulang (fossicking) passes were issued to 862 persons, as against 863 in 1919. There was a considerable increase in the number of Malay fossickers in the Ulu division.

## ACCIDENTS.

In the Ulu division there were 15 fatal accidents as against 11 in 1919 and 19 in 1918. The corresponding figures for the Coast division were 6 in 1920, 8 in 1919 and 12 in 1918.

## GENERAL.

Twenty-two ore buyers and one smelter were licensed during the year.

No mining lands were converted for agricultural purposes or vice versa.

The fuel consumption for 1920 was :

Wood, tons 50,337

Oil, gallons 6,606

in addition the Pahang Consolidated Company, Limited, imported 1,100 tons of oil fuel, 10 tons of coal and 105 tons of coke.

One civil suit was heard in the Warden's Court.

Twenty-three prosecutions were conducted before Magistrates' Courts for various breaches of the Mining Laws; convictions were obtained in all cases.

Fines amounting to \$4,435 were imposed in 17 cases; the remaining 6 cases were met with sentences of imprisonment.

The remission of duty on the product from the Raub Australian Gold Mining Company, Limited, was continued during the year. There were no special rebates with regard to other mines.

One proprietary mining licence, over an area of 3 acres, was issued during the year under review, making a total of 14 operative licences in all.

The hopes for the Endau region as a new tin field have not been very encouragingly upheld. There have been no great finds, and of several prospectors in the neighbourhood some have given up their licences. Others, it is true, expressed a desire to continue their examination under extended licences, but a big find is not now anticipated, though, without doubt, the mineral is present.

## REVENUE SURVEYS.

II. Mr. E. W. Geyer was Superintendent up to the 19th March, when he went on long leave, Mr. T. Le Fevre acting from that date until the end of the year.

Expenditure amounted to \$271,336 including \$63,440 war allowance. These figures include heavy payments for arrears of salary and duty allowance properly chargeable to last year. For 1919 the corresponding figures were \$211,310; war allowance \$33,144; Clerical service cost \$3,082.

The revenue collected amounted to \$31,776. This is \$8,767 less than the figures for last year, the reduction being in fees upon agricultural and mining surveys. The amount realized upon small holdings rose from \$4,559 to \$11,874.

In addition, the value of work done for which fees are not recoverable amounted to \$8,449.

The total area surveyed for agricultural, mining and small holding titles was 39,052 acres, a considerable increase upon similar surveys last year.

The field expenditure amounted to \$96,385, as compared with \$95,112 in 1919. The costs per acre of agricultural, mining and small holdings were \$1.14, \$3.62 and \$3.45 against \$1.08, \$5.59 and \$3.27 last year. These costs show a general increase, not however excessive in view of enhanced salaries and extra cost of labour.

The cost of the drafting office, excluding supervision, was \$56,187 plus war allowance \$23,282.

The number of documents of title prepared was 3,395, an increase principally in titles for small holdings of 328.

At the beginning of the year there were outstanding, under agricultural, mining and small holdings 11,481 lots covering 49,696 acres. Requisitions were received during the year for a further 2,142 lots aggregating 46,238 acres, and at the end of the year 10,759 lots totalling 72,607 acres remained unsatisfied; an increase is shown in the number of small holdings satisfied but much remains to be done.

In addition 16 forest surveys, covering approximately 626,000 acres, have still to receive attention.

#### PUBLIC WORKS DEPARTMENT.

12. Major W. A. Wilkinson acted as State Engineer until 8th May, when Mr. F. W. Mager, State Engineer, returned from leave and assumed duty, remaining in charge until the end of the year.

The total expenditure of the department for the year was \$1,625,382 exclusive of Federal expenditure \$180,822 and temporary allowance \$17,614.

#### WORKS AND BUILDINGS.

##### ANNUALLY RECURRENT SERVICES.

The total value of the buildings maintained is estimated at \$912,427, and the expenditure on maintenance was \$50,186.82, the ratio of cost of maintenance to capital value being 5.5 per cent. The amount originally provided for maintenance was \$35,300, subsequently increased by supplementary votes of \$16,876.86 of which \$1,990 was saved. Most buildings in Pahang are roofed with attaps, the most expensive of all roof covering when maintenance is taken into consideration. Many quarters are approaching, if they have not already passed, the limit of economical repair; the process of replacement is very slow and a largely increased vote on maintenance account has become necessary.

##### SPECIAL SERVICES.

The following were the principal buildings under construction or completed during the year:

*Quarters.*—New Residency, Kuala Lipis. Very unsatisfactory progress, the work was stopped in August last. It is to be completed departmentally.

One Class III quarters at Kuala Lipis was completed and another begun. One Class III quarters, for the District Officer, was completed at Pekan, and one of Class IV at Temerloh.

A bungalow for the State of Pahang was commenced at Bukit Fraser.

Work is proceeding with the reconstruction of the State mosque at Pekan. The old main pillars were found, on excavation, to have no better foundation than the original soil and an additional sum of \$2,200 was granted for reconstructing them.

*Public Services.*—Kuala Lipis water supply works were nearly completed. The indent for the pipes was despatched on Armistice Day 1918 and water laid on to the town on Armistice Day 1920.

The Works comprise—impounding reservoir to hold 3,180,000 gallons with concrete dam 7 feet 6 inches high and 38 feet long at the crest. A low level service reservoir of 105,000 gallons capacity, a high level tank of 2,000 gallons capacity, supplied by a hydraulic ram, and 7 miles 46 chains of cast iron pipes from 10 inches to 3 inches diameter. The total amount voted was \$271,500.

Plans were completed and a commencement made with the Mentakab water supply works. The scheme provides for a pumping and artificial filtration plant; the surplus pipes from the Lipis works will be utilized at Mentakab. The estimated cost was \$47,000. Investigations in connection with a public water supply for Temerloh were undertaken and a scheme was submitted to the Director of Public Works, Federated Malay States, for consideration.

The filtration plant for Pekan water works was received late in the year and is now being installed.

The Tanjong Lumpur (Kuantan) water works extension was commenced but the river crossing at Tanjong Api could not be completed before the north-east monsoon set in.

As regards works of town drainage, the reconstruction scheme for Bentong was continued, a total of 476 yards lineal of new main out-fall and 827 yards of branch drains were constructed by the end of the year. Small improvements and extensions to the drainage systems of Kuala Lipis, Temerloh, Kuantan and Pekan were put in hand and further work was done towards laying out the new township site at Mentakab.

#### ROADS, STREETS AND BRIDGES.

Three hundred and forty-three miles of metalled roads, and three hundred and six miles of unmetalled roads, bridle-paths and footpaths were upkept during the year.

Nineteen miles of unmetalled cart-roads and twelve miles sixty chains of bridle-paths were constructed; five miles and twenty-five chains of new cart-roads were constructed and metalled.

The principal special services carried out were:

*The Temerloh-Mentakab-Karak Road.*—Progress was slow. At the end of the year, out of a total of 35 miles, three and a quarter were completed including metalling, nineteen were completed as earth road including bridges and culverts, eight and three-fourth miles of earthwork were under way leaving four miles untouched. The Karak bridge, total span 160 feet, was approaching completion.

*The Cheneras Road.*—A gravelled road 4 miles 30 chains in length was constructed to the new Kuala Lipis water supply headworks.

*Road Improvements.*—A continuation was made with the work of widening, cutting back dangerous bends, forming revetments and otherwise improving the Pahang Trunk road. Deviations of the Tras-Bentong road, rendered necessary by silting, were put in hand. These involved heavy side-long cutting and worked out at \$40,000 per mile including land purchase but excluding the steel work of a 60 foot span bridge. Seventy-three thousand eight hundred and twenty-six dollars and sixty-seven cents was spent on improvements. The Alor Ayer Puteh (Kuantan) earth track was reconstructed and metalled. A contribution of \$12,000 was made towards this by adjoining owners.

*Surveys.*—A survey for a trace from Batu Talam (Raub) to Selinsing was put in hand. One of the survey party was taken by a tiger on 15th August, 1920, and progress suffered in consequence. Work on the Rompin road trace was commenced. From the Pahang river, levels have been taken to the 14th mile and rentis cut to the 17th mile; the site for the river crossing above Kuala Aur being fixed after investigation on the ground in August last. This road should be of the greatest value in developing the resources of the State.

#### IRRIGATION.

The annually recurrent work under this heading was carried out, as usually, by the District Office staffs with assistance and advice where necessary from the Public Works Department. It consisted mainly in the improvement of existing irrigation in established padi areas, the building of bunds, water gates, sluices, etc., and their repair and maintenance.

#### SPECIAL SERVICES.

*Pulau Jawa and Melana (Pekan).*—In 1919, a set of flood gates, having a width on sill of 40 feet, were constructed and in 1920 this work was supplemented by a bund to give further protection against flooding from the Pahang river. The area dealt with was 150 acres at a total cost of \$10,500.

## CONSERVANCY OF RIVERS.

The sum of \$10,000 was voted for clearing rivers, \$2,768.86 only being spent. The work was undertaken by Penghulus and supervised by the District Officers. It consisted in clearing snags in the principal navigable rivers, viz., the Pahang, Jelai, Tembeling, Semantan, Rompin and smaller tributaries. Good value has been obtained for the little money spent, but the upper reaches of most rivers remain blocked by snags. Failure to do more was due, in the first place, to all the Malays being engaged in padi planting until early September, and before the planting was finished, heavy rain set in and the rivers were in flood.

The sum of \$2,024.50 was expended on river training works at Kuala Pahang. These works have proved very successful in arresting erosion and forming a beach in front of the police station. Similar work is being done at Kuala Rompin.

The Jelai street (Kuala Lipis) river protection work, consisting of a timber training groyne 396 feet long, was completed at a total cost of \$10,261.16.

## LABOUR.

The total number of labourers employed was:

Nationality.	1st January.	Rate of pay.	31st December.	Rate of pay.
Tamils	855	\$ .50	934	\$ .60
Chinese	36	1.60	27	2.50
Malays	—	.50	443	.60
Others	307	—	67	—

Malays were classified among "others" in 1919 returns.

## SILTING.

This report has already referred to silting in the Bentong district. A deposit of  $7\frac{1}{2}$  feet of silt has taken place at the main drainage outfall, Bentong town. A survey is being undertaken to obtain data on which to base preventive measures. The average annual rate of silting at Bentong bridge is 2.11 feet.

## METEOROLOGICAL.

The average annual rainfall for the State was 98.55 inches. The maximum period of drought was 17 days; it occurred in the month of July. On 7th and 8th November, a fall of 5.51 inches in 19 hours was recorded; its maximum intensity was 1 inch in 11 minutes while 4 inches fell in 1 hour 52 minutes.

## KUANTAN HARBOUR.

Soundings were carried out in April and September and showed a minimum depth of water on the bar at L.W.O.S.T. of 4.35 and 3 feet respectively. The channel subsequently became blocked and a new channel half a mile nearer the shore formed itself. Temporary alterations to the lights and beacons became necessary, further measures being postponed until after the north-east monsoon.

## FEDERAL: BUKIT FRASER DEVELOPMENT.

The surveys for the motor road were completed and road construction was commenced in July. The final length of the trace is five miles twenty-six chains, the average gradient being one in 23.5 and the level at "the Simpang" (Bukit Fraser), 3,990 feet above M.S.L. Four miles of formation were completed at the end of the year including 59,143 cubic yards of earth-cutting, 116,407 cubic yards pickwork in decomposed granite and 1,700 cubic yards rock blasting. The double cutting through "Long Ridge" is 85 feet deep.

Nine bungalow sites were cleared and levelled, work was begun on the golf links in "Baker's Valley," and footpaths were extended. The trace for the Circular road was commenced and two bungalows having granite masonry walls and teak roofs, were started. The Survey Department undertook to extend the Topographical Survey begun in 1918. The Senior Health Officer gave much valuable assistance and advice as to sanitary measures to be taken while the development scheme proceeds.

## SANITARY BOARDS.

13. Municipal revenue for the year amounted to \$46,571 showing an increase of \$3,294 as compared with 1919.

The increase in revenue was general in all districts except Raub where the returns from abattoir farms and vehicle registration were smaller than usual.

Two new Sanitary Board areas were declared, at Mengkarak and Triang, in Temerloh district and the personnel of the Board was increased to include representatives of the new areas.

The Public Water Supply at Kuala Lipis was completed late in the year. That of Pekan was again held up on account of the non-arrival of portions of the filter plant.

New shop-houses were built by private enterprise at Kuala Lipis, Raub and Bentong. A commencement was also made with the building of the new town at Mentakab, but progress was slow.

Public buildings completed during the year included new slaughter-house, cooly lines and central bullock-cart halting place at Kuala Lipis; new market, pig slaughter-house and Sanitary Board store at Mentakab; additions to the existing market buildings at Kuantan and Bentong.

#### POLICE AND CRIME.

14. Mr. H. Fairburn, Assistant Commissioner, was in charge of the Contingent till the 28th May, when he proceeded on leave, being replaced by Mr. L. L. Mills, Assistant Commissioner, who remained in charge until the end of the year.

The strength of the Contingent at the end of the year was 422 including all ranks, as against an approved establishment of 477.

The shortage was practically confined to the strength of the Indian rank and file.

Recruiting, on the whole, was bad; especially so during the first half of the year when outside wages were high. There were 23 applicants, of whom 17 were enlisted. Two of the enlisted men were civilized Sakai from the Bentong district.

The position with regard to detectives improved considerably and though the strength was still short of establishment, the shortage at the end of the year was 23 per cent. as against 41 per cent. at the beginning of the year.

*Musketry.*—The musketry returns for the year show an improvement, the general results being the best obtained for some years. Of 329 men who were exercised in the trained men's course, 57 obtained marksmen's points, 53 first class shots, 93 second class and 126 third class, representing respective percentages of 17.32, 16.10, 28.26 and 38.29, as against an average for the previous five years of:

Marksmen.	1st Class.	2nd Class.	3rd Class.
10.36	12.16	30.52	46.94

One hundred and thirty Indians and 199 Malays completed the course.

*Health.*—The health of the Contingent was not so good as in the previous year. Two thousand one hundred cases were treated in all, as against 1,406 in 1919; but of the increase of 694 cases, 543 were of a minor nature, scheduled under "medicine and duty."

Five hundred and forty-four cases were admitted to hospital as against 473 in 1919, the percentage of cases per man being slightly higher during the year under review.

Three deaths were reported as against 1 in 1919.

*Fires.*—Fires, of which there were 32 during the year—seven more than in 1919—caused an estimated loss of \$55,493 worth of property, about one-half of which was covered by insurance. The most disastrous outbreak was at Jeram Kuantan Rubber Estate, where carelessness on the part of a cooly resulted in the total destruction of two smoke houses, a godown and a large quantity of rubber. The damage was assessed at \$17,790, all of which was covered by insurance.

*Crime.*—One thousand and five seizable offences were reported or suspected during the year as against 935 in 1919. Arrests were effected in 440 cases, and convictions obtained in 387 cases, representing percentages of 43.78 and 38.50 as compared with 45.8 per cent. and 38.9 per cent. for arrests and convictions in 1919.

The offences most frequently occupying the attention of the police were minor thefts; 749 cases were reported as against 657 in 1919 and 236 convictions were obtained as against 183.

The slump in the price of the major products of the country appeared to have no great effect upon the state of crime. This may be accounted for by the fact that there was very little resultant unemployment.

Non-seizable offences reported numbered 4,494 as against 3,827 in 1919.

Two persons were charged with the possession of Triad documents, both being convicted.

The following return shows the state of serious crime as compared with 1919:

Offence.	No. of cases in 1919.		No. of cases in 1920.		Increase or decrease.	No. of increase or decrease.	Average 1919-1915.
	Reported.	Discovered.	Reported.	Discovered.			
Murder ... ..	5	4	1	...	Decrease	4	4.40
Homicide not amounting to murder ... ..	...	...	3	3	Increase	3	1.20
Gang-robbery ... ..	2	...	2	1	...	...	7.00
Robbery ... ..	13	3	11	3	Decrease	2	10.80
House-breaking ... ..	13	7	3	1	"	10	13.20
Theft and theft in a dwelling (serious) ...	22	11	36	11	Increase	14	16.60
Total ...	55	25	56	19	Increase	1	

*Veterinary*.—One hundred and eleven cases were reported by the veterinary police, resulting in 105 convictions. Eighty-seven cases related to the cruel treatment of animals.

The number of dogs licensed was 3,420; 284 more than in 1919. For the last six years there has been a continuous and steady increase in the number of registered animals by about 10 per cent. per annum.

*Sudden Deaths*.—One hundred and one cases of sudden and suspicious death were investigated as compared with 120 in 1919.

The returns, stated comparatively, showed:

	1920.	1919.
Deaths resulting from offences ... ..	6	9
Suicide ... ..	5	5
Misadventure and accident ... ..	81	90
Unclassified ... ..	4	4
Natural causes ... ..	5	12

Of the 101 cases, six concerned females.

*Revenue*.—The total revenue collected was \$26,110, an increase of \$5,285 over the 1919 revenue, and of \$7,812 over the estimate for the year.

*Buildings*.—At the close of the year, 25 police stations were being maintained in the State—six of these were district head-quarters.

New stations at Cheroh (Raub), Manchis (Bentong), Lubok Trua (Temerloh), Panching and Kuala Endau (Pekan) were in various stages of completion.

*General*.—One hundred and sixty-eight passports were issued to Indians.

Under the Societies Enactment, three societies were registered, two being Chinese and one Malay. One society was exempted from registration.

Pekan district was separated from Kuantan district as regards police supervision in April.

A European Inspector was stationed in Temerloh district in June owing to the increasing development and importance of that area.

#### PRISONS.

15. *Pahang Central Prison, Kuala Lipis*.—Admissions and discharges for the year were as follows:

Remaining on 1st January, 1920 ... ..	88
Admitted during 1920 ... ..	232
	<hr/>
Discharged or transferred ... ..	Total ... 320
	236
	<hr/>
Remaining on 31st December, 1920 ... ..	84

The admissions comprised 192 criminal prisoners and 40 civil prisoners as against 201 and 45 respectively in 1919.

The daily average was 85.53 as against 79.13 in 1919.

Four lunatics were admitted during the year.

Exclusive of gaoi services 23,972 days' work was performed producing a cash revenue of \$6,138, as against \$4,499 in 1919.

The health of the prisoners was good on the whole. There were three deaths from natural causes. Malaria was almost completely absent. There was no beri-beri. Thirty-five prisoners were treated in the gaol hospital.

One hundred and five cases of breach of prison rules were dealt with; 13 by the Visiting Justices, the remainder by the Superintendent of Prisons. One serious case of assault by a Javanese prisoner on another Javanese was punished by flogging.

One prisoner escaped from a water carrying party and had not been retaken at the end of the year.

The civil prison building was extended to accommodate eight prisoners.

*Kuantan Prison.*—The following is a summary of admissions and discharges during 1920:

Remaining on 1st January, 1920	...	...	...	...	50
Admitted during 1920	...	...	...	...	439
					—
Total					489
Discharged or transferred (including two deaths)	...	...	...	...	451
					—
Remaining on 31st December, 1920	...	...	...	...	38
					—

The daily average for the year was 47.31, compared with 44.19 in 1919.

The health of the prisoners was good. Thirty cases were treated in the prison hospital and five in the district hospital. Of the latter two died, both deaths being the result of illness contracted prior to commitment.

Seventy-one small offences by prisoners were dealt with by the District Superintendent of Prisons; none was sufficiently serious to necessitate action by the Visiting Justices.

Six thousand, eight hundred and seventy-four days of extra-mural and 6,575 days of intra-mural labour were performed. The outside work was mainly confined to the making and upkeep of paths and drains, and in clearing sites, within Sanitary Board limits.

Prison labour produced a revenue of \$452 as compared with \$578 in 1919. Of this a sum of \$267 was realized from the sale of vegetables from the prison gardens.

The prison buildings were improved by the construction of jack roofs over the dining shed and one ward.

#### COURTS.

16. Appendix C shows the work done in the various Courts of the State.

The number of civil suits decreased from 1,692 in 1919 to 1,389, while the criminal cases increased from 3,398 in 1919 to 3,564. The figures for both civil and criminal cases include those dealt with in Penghulus' and Kathis' Courts.

Assizes were held at Kuala Lipis, Bentong and Kuantan.

Sixty-eight inquests were held during the year as compared with 50 in the previous year.

The revenue was \$39,161 as compared with \$32,827 in 1919, and an estimate of \$25,160.

#### HEALTH.

17. The estimated population of the State was 152,800. The year under review being the last year of the census cycle, the estimate is at its most unreliable stage, more especially since it is impossible to obtain complete statistics of emigration and immigration.

#### VITAL STATISTICS.

Births and deaths among all nationalities were as follows:

					Births.	Deaths.
1920	...	...	...	...	3,882	4,196
1919	...	...	...	...	3,936	3,816

Male births exceeded female births by 222, and deaths among males exceeded those among females by 1,002.

Births and deaths by nationalities are shown tabulated below :

	Births.			Deaths.		
	1920.	1919.		1920.	1919.	
Europeans and Americans	5	3	...	3	1	...
Eurasians	2	1	...	1	3	...
Chinese	482	490	...	1,002	1,041	...
Malays	3,133	3,234	...	2,632	2,317	...
Javanese	94	85	...	125	155	...
Indians	155	107	...	414	281	...
Others	11	14	...	19	17	...
(Not classified as to sex)	—	2	...	—	1	...
	3,882	3,936		4,196	3,816	

All the European deaths occurred in Kuala Lipis district.

The infantile death-rate was 204.79 per mille of births as compared with 193.85 in 1919. Male deaths under one year of age exceeded female deaths at similar age by 111.

Of the 4,196 deaths, 2,271 or 54.12 per cent. were caused by malaria. Only 86 deaths occurred in Government hospitals from this cause.

In addition, 172 deaths were returned as due to "convulsions" which, in children, is usually of malarial causation.

Bowel complaints resulted in 178 deaths—dysentery 119, diarrhœa 59.

Four hundred and eighty deaths were due to lung diseases; pneumonia 189; tubercle of lungs 141; bronchitis 138; asthma 9, pleurisy 3.

Ankylostomiasis was recorded as the cause of 29 deaths, and enteric fever of 8 deaths.

Influenza reappeared to some extent and 30 fatal cases were recorded, 28 being at Kuala Lipis.

Comparatively, the principal fatal causes were :

	1920.	1919.
Malaria	2,271	1,924
Convulsions	172	274
Bronchitis	138	162
Pneumonia	189	104
Phthisis	117	138
Diarrhœa	59	89
Influenza	30	nil
Worms	125	129
Beri-beri	62	144

Accidents accounted for 81 deaths as compared with 98 in 1919.

#### INFECTIOUS DISEASES.

One hundred and ninety-five fatal cases of notifiable infectious diseases occurred in hospitals during the year, but there were no serious outbreaks in an epidemic form.

One fatal case occurred of each of the following: Cerebro spinal fever, cholera and erysipelas. The usual precautions were adopted, with success, to prevent the spread of these diseases.

There was no small-pox.

#### HOSPITALS.

Five district hospitals, two gaol hospitals and the Government estate hospital at Kuala Tembeling were upkept during the year and 8,235 patients were treated therein with an aggregate percentage death-rate of 6.69 per cent.

The year's working is shown in comparison with that of previous years in the subjoined tabular form :

	1918.			1919.			1920.		
	In-patients.	Deaths.	Death-rate.	In-patients.	Deaths.	Death-rate.	In-patients.	Deaths.	Death-rate.
Kuala Lipis	1,681	209	12.43	1,689	115	6.80	2,147	132	6.14
„ Gaol	38	...	...	15	1	6.66	36	2	5.15
Raub	1,830	208	11.36	1,516	121	7.98	2,169	140	6.48
Bentong	1,720	202	11.77	1,217	122	10.02	1,537	146	9.43
Pekan	408	7	1.71	309	4	1.29	371	5	1.34
Kuantan	1,768	141	7.97	1,378	97	7.03	1,563	119	7.62
„ Gaol	66	2	3.03	23	...	...	35	...	...
K. Tembeling	476	28	5.82	626	13	1.88	384	16	4.16

The number of admissions of in-patients into Government hospitals showed a marked increase over the number admitted in 1919 and was even higher than the total for the influenza year, 1918. The native is gradually becoming more willing to accept European treatment.

Of the total deaths in hospital, 173 or 31.39 per cent. occurred within 48 hours of admission, showing that there is still a tendency to leave things till too late. Generally speaking the long journey to hospital is, to the lay mind, not worth while until disease has developed to a dangerous stage. Apart from such cases wherein the chance of survival is small, the average death-rate for the State hospitals was 4.61 per cent.

The following comparative table shows the chief diseases treated in hospitals for the past five years:

Diseases.	1916.	1917.	1918.	1919.	1920.
Malaria ... ..	1,971	2,346	2,513	2,565	3,154
Dysentery ... ..	189	271	252	321	274
Venereal diseases ... ..	258	287	278	245	269
Ankylostomiasis ... ..	215	180	153	269	252
Phthisis ... ..	71	87	62	101	125
Ulcers ... ..	532	547	561	627	929
Beri-beri ... ..	209	357	335	212	45

From the above it will be noticed that beri-beri has nearly disappeared. This is attributed by the medical authorities to the disuse of Siam rice during the period of food control.

The large increase of admissions on account of malaria is attributed to admissions from relapses, not to a real increase of malaria in infected patients. The case mortality of malaria was lower in 1920 than in any previous year, the figures for 1918, 1919 and 1920 being 6.12 per cent., 4.36 per cent. and 2.72 per cent., respectively.

Venereal diseases showed an increase of cases treated, probably owing to the fact that sufferers are becoming slowly educated up to presenting themselves for treatment instead of hiding their malady.

Three hundred and eighty-five cases of influenza were treated with a case mortality of 20.36 per cent.

Malays formed 13.05 per cent. of the total number of in-patients treated, as compared with 12.68 per cent. in 1918. 34.14 per cent. of the total were Chinese patients and 50.89 per cent. Indians.

Operations numbered 255—exclusive of injections for syphilis, yaws and malaria. Thirty-one were major, and 224 minor operations.

Forty-four thousand four hundred and eighty-five out-patients were treated at fixed and travelling dispensaries as compared with 45,264 cases in 1919. This figure does not include out-patients treated in the railway construction camps, north of Kuala Lipis.

Nearly half the number of out-patients were Malays.

Malaria, skin diseases, ulcers and worms were the chief causes of attendance.

Three dispensary boats were operating during the year on the Pahang river; two in the Ulu districts and one at Pekan.

Twenty-nine lunatics were certified and sent to Tanjong Rambutan, and three lepers were transferred to the Kuala Lumpur Leper Asylum.

#### VACCINATION.

Two thousand eight hundred and ninety-six vaccinations with a percentage of 82.83 of successes were performed, as compared with 3,227 in 1919.

Most of the vaccinations were done amongst Malays by five Malay vaccinators who are more successful than others in penetrating into the remoter places.

#### REVENUE.

The total revenue of the department was \$10,614, as compared with \$6,586 in the previous year.

## METEOROLOGY.

18. The following comparative table contains the figures for the principal stations in the State:

Place.	Highest temperature in shade.	Lowest temperature in shade.	Rainfall, 1918.	Rainfall, 1919.	Rainfall, 1920.
			Inches.	Inches.	Inches.
Kuala Lipis Hospital ... ..	90.2	73.6	102.43	92.28	103.
Raub Hospital ... ..	91.8	70.4	89.89	96.30	71.75
Bentong Hospital ... ..	92.	69.7	114.68	82.07	54.14
Pekan .. ..	91.3	69.	80.69	148.96	92.37
Kuantan .. ..	93.2	66.	77.44	129.01	109.74
Temerloh Dispensary ... ..	97.6	66.	85.44	103.47	76.98

On the whole the year was comparatively dry. The north-east monsoon season did not strike the Coast districts with its usual force during the accepted monsoon months (January, February and December). Pekan received 56.59 inches less rain than in the preceding twelve months, and Kuantan 19.27 inches less. The heaviest month was March when 14.68 inches fell at Pekan and 16.96 inches at Kuantan. January and February, usually the wettest months of the year, were practically the driest at both stations. Kuala Lipis was the only station showing an increased rainfall.

## VETERINARY.

19. The Veterinary Surgeon reports that Pahang was free from all contagious disease among animals. Several reports were received of suspected outbreaks but each proved to be unfounded when investigated.

During the year, the exportation of cattle from Trengganu was prohibited. The most important channel was thus cut off, and the number of imported cattle fell considerably. One hundred and forty-seven head of cattle were quarantined at Baloh station and two at Kuantan.

Two horses, 30 sheep and goats, three dogs and 1,821 pigs were imported via Kuantan.

A pig quarantine station was in course of construction at Kuantan at the close of the year.

## STAFF.

Dr. S. P. Peart remained in charge of the Medical Administration of the State throughout the year. He was stationed at Raub. Dr. S. W. Leicester was in charge of Kuantan hospital.

Mr. K. Kanagarayar, Assistant Surgeon, was in charge of the Kuala Lipis hospital till 10th August, on which date he was relieved by Dr. D. F. Brown.

Dr. A. G. Fergus (Lady Medical Officer) proceeded to Pekan in September.

An Assistant Surgeon was stationed in Temerloh for the first time in May, to supervise the growing medical needs of this progressive district.

Mr. R. A. B. Stanhope was appointed Veterinary Surgeon in June, 1920, with head-quarters at Kuantan.

## EDUCATION.

20. Mr. J. Watson was Inspector of Schools until 26th July when he went on leave. He was succeeded by Mr. P. A. Yearwood, who remained in charge until November 3rd. Both Mr. Watson and Mr. Yearwood acted as Inspector of Schools, Negri Sembilan, in addition. Mr. G. C. Davies was appointed to act as Inspector of Schools, Pahang, on November 4th and was in charge for the remainder of the year.

A Government English school was opened at Kuantan in August in temporary premises pending the erection of permanent school buildings. This school is proving itself popular and the number of pupils is steadily rising.

The teaching staff in Government English schools—Lipis and Kuantan—comprised four Tamil teachers, of whom three hold Senior Normal certificates. All hold Senior Cambridge certificates.

There were two aided English schools, at Bentong and Raub respectively. Their staff consisted of five teachers, of whom two hold Senior Normal certificates.

The total staff in Malay schools was 125.

The expenditure for the year was \$100,258, including \$31,074 temporary allowance. The expenditure in 1919 was \$70,034, including \$14,420 temporary allowance.

There was no revenue.

The statistics of attendance and number of schools for the year are given below :

—	Class of school.	No. of schools.	Average enrolment.	Average attendance.	Percentage of attendance.
Boys' English ... ..	{ Government...	2	106.5	96.9	90.9
	{ Aided ...	2	155.9	141.2	90.6
	Government ...	49	2,136.7	1,867.1	87.4
Girls' Malay ... ..	Boys' Total ...	53	2,399.1	2,105.2	87.79
	Government ...	2	27.	22.7	90.6
	Grand Total ...	55	2,426.1	2,127.9	87.71

The enrolment and attendance at the English schools for the last four years is shown below :

	Average enrolment.	Average attendance.	Percentage of attendance.
1917 ... ..	153	142	93.3
1918 ... ..	172	158	91.5
1919 ... ..	187	175	93.6
1920 ... ..	262	238	90.7

The Kuantan school included only primary classes. The highest standard in the other schools was standard VII.

Ten pupils were presented for the standard VII examination of whom four passed, gaining Class II certificates—three from the Kuala Lipis English school and one from the Anglo-Chinese school, Raub. English was the weak subject and this accounted for the majority of the failures. In other respects, the work of the schools was satisfactory.

The total number of Malay schools was 49—new schools having been opened during the year at Sungei Karang and Paloh Hinai.

The enrolment and attendance for the past four years was :

	Average enrolment.	Average attendance.	Percentage of attendance.
1917 ... ..	2,231	1,990	88.5
1918 ... ..	2,154	1,893	87.8
1919 ... ..	2,167	1,884	86.9
1920 ... ..	2,136	1,867	87.4

The percentage of attendance was lowered by three or four schools. Steps were taken, where necessary, to enforce parents to send their children to school more regularly but it was found difficult in some districts to improve the attendance.

At the annual examination, carried out by the visiting teachers and group teachers, the schools were graded as follows :

Excellent ... ..	2
Good ... ..	18
Fair ... ..	26
Unsatisfactory ... ..	2

Basketry was taught in 13 schools. This handicraft is introduced into a school whenever a teacher trained in the subject is appointed to it. Some of the work turned out was very good.

Physical drill continued to be a part of the daily curriculum in all schools. Where suitable grounds existed near schools, footballs were supplied as in past years. Grounds round some schools were cleared and levelled, the effort being to provide all schools, as far as possible, with small padangs for games and recreation.

Simple medicines were supplied to teachers for the use of the children.

The number of Malay girls' schools remained the same as in 1919—one at Pekan and one at Kuantan.

The enrolment and attendance figures for the last four years were:

					Average enrolment.		Average attendance.		Percentage of attendance.
1917	...	...	...	...	26	...	18	...	70.6
1918	...	...	...	...	39	...	30	...	76.2
1919	...	...	...	...	30	...	24	...	79.8
1920	...	...	...	...	27	...	22.7	...	84.1

The work of the Pekan girls' school was classified as good. This school is under the supervision of the Head master of the Boys' school, with a woman teacher in attendance.

At the Kuantan school only weaving is taught, owing to the impossibility of obtaining women teachers with the necessary qualifications for other subjects.

Nine scholarship boys were maintained at the Victoria Institution, Kuala Lumpur. The three boys elected to scholarships in 1919 were sent to the Kuala Lipis Government English school, as accommodation at Kuala Lumpur was not available. The work and conduct of all were satisfactory.

Nine students from Pahang were in residence at the Malay College, Kuala Kangsar.

Seven students passed out of Malacca College during the year and were appointed to posts in the State Schools. One obtained a first class certificate, the other six gained second class certificates. The State took sixth place out of seven, a slight set-back as compared with the 1919 results.

Two new Malay schools were taken over and opened during the year; one at Sungei Karang and one at Paloh Hinai. Owing to difficulties in the matter of labour and material supplies, other schools which it was hoped to build were postponed. One set of teachers quarters was commenced at Kampong Merhum.

Thanks are due to the District Officers for their help, and for the interest taken by them in the schools in their districts.

#### POSTS AND TELEGRAPHS.

21. Detailed figures under this head are published in the Federal returns.

The daily motor car mail service to Raub and Kuala Lipis via the Semangko Pass (the Gap) from Kuala Kubu was maintained throughout the year.

A weekly mail service between Kuala Krau and Pekan by launch, and a fortnightly service from Jerantut to Kuantan by motor bus were maintained as far as possible. Break downs and other causes led to interruption on various occasions.

A post office at which money order and savings bank business is transacted was opened at Mentakab, Temerloh district, in place of the allowance office at the railway station.

#### GENERAL.

22. His Excellency the High Commissioner paid his first visit to the State on 8th April, motoring through Raub from the Gap to Kuala Lipis.

On arrival His Excellency inspected the Lipis detachment of the Malayan Volunteer Infantry, whose turn-out and appearance were very creditable. On the following day, His Excellency visited the Government offices and inspected Kuala Lipis and its environs prior to returning to Kuala Lumpur via Bentong.

In August His Excellency visited the Coast districts, travelling by sea in the s.s. "Sea Belle." At Pekan, after addresses of welcome had been read, ceremonial visits were interchanged between His Excellency and His Highness the Sultan and a State luncheon followed. His Excellency was introduced to a Pahang river fish drive before leaving for Kuantan. Here, the Pahang Consolidated Company, Limited's mines at Sungei Lembing were visited, His Excellency being the guest of the Acting General Superintendent. His Excellency also paid visits to Beserah and Teluk Chempedak before leaving for Trengganu.

Both at Pekan and Kuantan, guards of honour were provided by the local detachments of the Malayan Volunteer Infantry.

The dignity of Tungku Besar of Pahang was revived during the year, and the elevation of Tungku Suleiman ibni Almerhum Sultan Ahmad Ma'atham Shah to the new dignity was announced by His Excellency the High Commissioner on his ceremonial visit to Pekan.

The new Tungku Besar was installed with due pomp and ceremony at the Astana, Pekan, on 27th October, in the presence of H.H. the Sultan, the Acting British Resident and a large gathering of chiefs and native officials. Unfortunately neither His Excellency the High Commissioner nor the Honourable Chief Secretary was able to be present at this interesting function.

The public rejoicings extended over several days, the population of the native capital enjoying a liberal holiday with feasts, music and other entertainments.

Tungku Suleiman was for many years an extremely useful Assistant Malay Officer in the Pekan District Office, and his activities and resource in that capacity will not easily be replaced. But in his present position he will be better situated to afford to H.H. the Sultan an able assistance in the control of State affairs.

Rail head was advanced to Nerang Tunggal—17 miles north of Kuala Lipis, and the introduction of "open line" as far as Padang Tungku, the first station north of Kuala Lipis, will be made in the very near future.

The training of the M.V.I. was continued satisfactorily throughout the year. Captain F. J. Ayris took charge of the Contingent as Acting Officer Commanding, on 10th June, 1920. A N.C.O.'s camp was held at Raub in February; 21 men attended and received training at the hands of Regimental Sergeant-major Latter and Company Sergeant-major Ingate of the M.S.V.R.

Mr. T. R. Hutton, 2nd Lieutenant, rendered valuable service under difficult conditions in command of No. III (Kuala Lipis) Platoon. 2nd Lieutenant J. E. Kempe was in charge of No. I (Pekan) Platoon throughout year and 2nd Lieutenants H. S. Paterson and T. W. Boyd Walker were successively in command of No. II (Kuantan) Platoon.

It is a pleasure to record that as a reward for 28 years' faithful and meritorious service, Chief Inspector H. Gould has, on his retirement, been awarded the Imperial Service Medal by His Majesty the King. Mr. Gould was an excellent police officer of the old type and he did much for the East Coast of this State during his lengthy service there.

Major C. W. C. Parr, O.B.E., British Resident, Pahang, proceeded on long leave on 10th June, 1920, and I succeeded him as Acting British Resident on that date.

W. D. SCOTT,

*Acting British Resident, Pahang.*

*20th March, 1921.*

## APPENDICES.

A. FINANCIAL.

B. LAND, AGRICULTURAL AND MINES.

C. COURTS.

D. HEALTH.

E. POPULATION.

F. METEOROLOGICAL.

G. PRISONS.

H. STATISTICS.

## APPENDIX A.

## FINANCIAL.

Abstract of Revenue and Expenditure, together with below the Line Accounts, for the year ending 31st December, 1920.

Heads of Revenue.	Amount.	Heads of Expenditure.	Amount.
	\$ c.		\$ c.
Balance on 1st January, 1920 ... ..	378,442 17	Political Pensions and Compassionate Allowances ... ..	32,355 05
Land Revenue ... ..	264,538 61	Personal Emoluments ... ..	342,741 16
Customs ... ..	937,977 53	Other Charges ... ..	190,616 30
War Taxes ... ..	43 26	Transport ... ..	5,704 15
Licences, Excise, etc. ... ..	1,142,573 21	Federal Charges ... ..	1,944,251 66
Fees of Court or Office, etc. ... ..	29,986 59	Miscellaneous Services ... ..	301,885 83
Interest ... ..	5,870 87	Works and Buildings—	
Federal Receipts ... ..	482,272 20	Annually Recurrent ... ..	67,979 72
Miscellaneous Receipts ... ..	12,204 56	Roads, Streets and Bridges—Annually	
Municipal ... ..	46,571 42	Recurrent ... ..	533,148 47
Land Sales ... ..	34,162 36	Irrigation Annually Recurrent ... ..	6,942 27
Total Revenue ... ..	2,956,200 61	Works and Buildings—	
Advances ... ..	1,913,796 40	Special Services ... ..	576,246 40
Loans ... ..	4,719 00	Roads, Streets and Bridges—Special	
Drafts and Remittances ... ..	370,319 38	Services ... ..	367,951 46
Cash in Transit ... ..	3,259,830 36	Total Expenditure ... ..	4,369,822 47
Deposits ... ..	619,856 46	Advances ... ..	857,776 13
Suspense ... ..	1,795,950 31	Loans ... ..	32,345 00
Total Receipts ... ..	10,920,672 52	Drafts and Remittances ... ..	452,306 41
		Cash in Transit ... ..	3,200,296 56
		Deposits ... ..	365,919 23
		Suspense ... ..	1,741,973 21
		Total Payments ... ..	11,020,439 01
		Balance on 31st December, 1920 ... ..	278,675 68
Total Receipts with Opening Balances ... ..	11,299,114 69	Total Payments with Closing Balances ... ..	11,299,114 69

## APPENDIX A—(cont.)

## Comparative Statement of Actual Revenue for the last five years.

Heads of Revenue.	Actual Revenue, 1916.	Actual Revenue, 1917.	Actual Revenue, 1918.	Actual Revenue, 1919.	Actual Revenue, 1920.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Land Revenue ... ..	177,428 81	210,859 17	220,648 82	248,810 05	264,538 61
Customs ... ..	593,275 22	733,884 54	821,749 08	767,047 12	937,977 53
War Taxes ... ..	...	188,207 60	176,064 74	145,715 07	43 26
Licences, Excise and Internal Revenue, etc. ... ..	734,419 79	953,516 29	1,112,827 27	1,097,748 09	1,142,573 21
Fees of Court or Office, etc. ... ..	23,888 28	26,023 97	18,480 60	25,509 66	29,986 59
Interest ... ..	12,822 52	11,793 20	11,846 94	6,227 50	5,870 87
Federal Receipts ... ..	265,728 71	307,024 26	413,778 85	527,152 73	482,272 20
Miscellaneous Receipts ... ..	1,742 94	3,516 87	8,436 30	9,969 45	12,204 56
Municipal ... ..	39,387 64	40,255 75	40,603 48	43,276 89	46,571 42
Land Sales ... ..	22,603 31	23,060 06	37,141 12	47,486 33	34,162 36
Total ...	1,871,297 22	2,498,141 71	2,861,577 20	2,918,942 89	2,956,200 61

## Comparative Statement of Actual Expenditure for the last five years.

Heads of Expenditure.	Actual Expenditure, 1916.	Actual Expenditure, 1917.	Actual Expenditure, 1918.	Actual Expenditure, 1919.	Actual Expenditure, 1920.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Political Pensions and Compassionate Allowances ... ..	15,596 40	16,626 82	26,927 60	25,312 36	32,355 05
Personal Emoluments ... ..	221,028 96	230,313 66	238,131 85	250,046 85	342,741 16
Other Charges ... ..	110,196 54	109,628 53	120,027 38	139,332 88	190,616 30
Transport ... ..	1,326 42	2,159 36	2,292 24	2,592 05	5,704 15
Federal Charges ... ..	631,742 66	993,642 23	991,442 03	1,327,250 44	1,944,251 66
Miscellaneous Services ... ..	41,333 67	50,782 88	170,765 25	193,165 42	301,885 83
Purchase of Land ... ..	100 00	486 31	...	...	...
Works and Buildings—Annually Recur- rent ... ..	38,187 74	35,541 71	45,269 55	52,804 91	67,979 72
Roads, Streets and Bridges—Annually Recurrent ... ..	348,009 76	331,976 55	354,113 60	445,464 69	533,148 47
Irrigation—Annually Recurrent ... ..	...	...	...	...	6,942 27
Works and Buildings—Special Services Roads, Streets and Bridges—Special Services ... ..	76,227 56	127,360 22	189,185 16	423,356 48	576,246 40
...	34,324 13	23,164 25	157,261 16	287,562 18	367,951 46
Total ...	1,518,073 84	1,921,682 52	2,295,415 82	3,146,888 26	4,369,822 47

APPENDIX A—(cont.)

Statement of Assets and Liabilities on 31st December, 1920.

LIABILITIES—				\$	c.	ASSETS—				\$	c.
Advances ...	...	...		11,046,375	41	Cash ...	...	...		278,675	68
Deposits ...	...	...		433,623	56	Loans ...	...	...		31,381	00
Drafts and Remittances...				101,585	63	Deficit ...	...	...		11,308,689	60
Cash in Transit ...	...	...		28,054	06						
Suspense ...	...	...		9,107	62						
Total ...				11,618,746	28	Total ...				11,618,746	28

## APPENDIX B.

## LAND, AGRICULTURE AND MINES.

## I.—Return of Land Revenue for the last five years.

	1916.	1917.	1918.	1919.	1920.
	\$	\$	\$	\$	\$
Land Rents ... ..	139,811	160,424	179,458	197,194	223,198
Fees and Licences ... ..	38,005	51,294	42,013	52,547	42,651
Reimbursements ... ..	1,999	3,115	3,047	3,624	2,630
Total ... ..	179,815	214,833	224,518	253,365	268,488
Land Sales ... ..	22,603	23,059	37,134	47,562	34,271
Total Revenue ... ..	202,418	237,892	261,652	300,927	302,759

## II.—Abstract of Revenue collected in 1920 by Districts.

	Lipis.	Raub.	Temerloh.	Pekan.	Kuantan.	Total.
	\$	\$	\$	\$	\$	\$
Land Rents ... ..	41,964	66,628	54,581	15,901	44,124	223,198
Fees and Licences ... ..	7,416	14,504	7,882	2,546	10,303	42,651
Reimbursement ... ..	930	835	331	6	537	2,639
Total ... ..	50,310	81,967	62,794	18,453	54,964	268,488
Land Sales ... ..	3,091	14,772	12,572	651	3,185	34,271
Total Revenue ... ..	53,401	96,739	75,366	19,104	58,149	302,759

## III.—Comparative Return of Land Revenue 1919 and 1920 by Districts.

District.	Collected 1919.	Collected 1920.	Increase.	Decrease.	Estimates	Collected.	Increase.	Decrease.
	\$	\$	\$	\$	\$	\$	\$	\$
Lipis ... ..	65,591	53,401	...	12,190	50,085	53,401	3,316	...
Raub ... ..	81,480	96,739	15,259	...	78,790	96,739	17,949	...
Temerloh ... ..	75,854	75,366	...	488	78,800	75,366	...	3,434
Pekan ... ..	18,018	19,105	1,087	...	21,450	19,105	...	2,345
Kuantan ... ..	59,984	58,148	...	1,836	51,370	58,148	6,778	...
Total ... ..	300,927	302,759	16,346	14,514	280,495	302,759	28,043	5,779

## IV.—Land alienated and reverted to Government in 1920 and total alienated on 1st January, 1921.

## AGRICULTURAL AND BUILDING LANDS.

District.	Alienated prior to 1920.		Alienated in 1920.		Reverted in 1920.		Alienated on 1st January, 1921.	
	No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.
Lipis ... ..	12,146	53,267	577	6,529	81	303	12,642	59,493
Raub ... ..	8,993	44,514	1,324	7,342	399	3,591	9,928	48,265
Temerloh ... ..	15,230	59,162	1,300	7,199	21	181	16,509	66,180
Pekan ... ..	7,377	38,284½	355	1,320	111	321	7,621	39,283½
Kuantan ... ..	4,662	35,594	225	7,085	48	2,221	4,839	40,458
Total ... ..	48,408	230,821½	3,791	29,475	660	6,617	51,539	253,679½

## MINING LANDS.

Lipis ... ..	19	298	...	...	2	43	17	255
Raub ... ..	825	31,173	40	662	54	1,063	811	30,772
Temerloh ... ..	3	95	...	...	...	...	3	95
Pekan ... ..	...	...	...	...	...	...	...	...
Kuantan ... ..	114	2,898	8	114	14	384	108	2,628*
Total ... ..	961	34,464	48	776	70	1,490	939	33,750

\* Excluding Pahang Consolidated Company, Limited's Mining concession (unsurveyed).

## APPENDIX B—(cont.)

## V.—Return of area of land held and form of title.

(1) District.	(2) Town grants.		(3) Agricultural grants.		(4) Agricultural holdings mukim register.		(5) Agricultural holdings under approved applications.		(6)	
							10 acres and under.		Over 10 acres.	
	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.
Lipis ...	98	5	58	9,273	9,162	25,974	3,151	12,490	52	11,662
Raub ...	472	67	317	16,953	6,925	21,643	2,187	8,617	26	983
Temerloh ...	101	4	287	22,314	8,646	21,451	5,494	17,044	44	3,250
Pekan ...	74	15	4	2,361	3,883	12,455	3,031	9,834	1	25
Kuantan ...	286	133	150	20,586	3,547	12,723	755	3,247	92	3,750
Total ...	1,031	224	816	71,487	32,163	94,246	14,618	51,232	215	19,670
	(7) Malay certificates.		(8) Permanent titles, i.e. (2) to (7).		(9) Town leases.		(10) Agricultural leases.		(11) Total alienation for building and agriculture on 1st January, 1921, i.e. (8) to (10).	
	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.
Lipis ...	65	78	12,586	59,482	51	3	5	8	12,642	59,493
Raub ...	...	...	9,927	48,263	...	...	1	2	9,928	48,265
Temerloh ...	1,937	2,117	16,509	66,180	...	...	...	...	16,509	66,180
Pekan ...	620	969	7,613	25,659	5	$\frac{1}{4}$	3	13,624	7,621	39,283 $\frac{1}{4}$
Kuantan ...	8	16	4,838	40,455	1	3	...	...	4,839	40,458
Total ...	2,630	3,180	51,473	240,039	57	6 $\frac{1}{4}$	9	13,634	51,539	253,679 $\frac{1}{4}$
	(12) Mining.						(13) Temporary titles, i.e. (9), (10) and (12).		(14) Total alienation agriculture, building and mining lands on 1st January, 1921, i.e. (8) and (13).	
	Leases (a).		Certificate (b).		Total (a) and (b).					
	No.	Area.	No.	Area.	No.	Area.	No.	Area.	No.	Area.
Lipis ...	8	66	9	189	17	255	73	266	12,659	59,748
Raub ...	766	30,000	45	772	811	30,772	812	30,774	10,739	79,037
Temerloh ...	3	95	...	...	3	95	3	95	16,512	66,275
Pekan ...	...	...	...	...	...	...	8	13,624 $\frac{1}{4}$	7,621	39,283 $\frac{1}{4}$
Kuantan ...	+ 101	2,533	7	95	108	2,628	109	2,631	4,947	43,086
Total ...	878	32,694	61	1,056	939	33,750	1,005	47,390 $\frac{1}{4}$	52,478	287,429 $\frac{1}{4}$

† Not including the Mining Lease of the Pahang Consolidated Company, Limited, area unsurveyed and acreage not known.  
p.m.

APPENDIX—B (*cont.*)

## VI.—Comparative Return of Registration Work in Land Offices during 1919 and 1920.

District.	1919.		1920.	
	No. of Transactions.	Value of Stamps.	No. of Transactions.	Value of Stamps.
		₹		₹
Lipis...	678	863	803	1,578
Raub ...	1,451	3,388	1,671	4,230
Temerloh ...	768	1,425	749	2,323
Pekan ...	253	153	268	264
Kuantan ...	678	1,312	763	1,826
Total ...	3,828	7,141	4,254	10,221

## VII.—Comparative Return of Registration Work in Registry of Titles during 1919 and 1920.

1919.		1920.	
No. of Transactions.	Value of Stamps.	No. of Transactions.	Value of Stamps.
	₹		₹
489	6,496	667	13,586

## VIII.—Total Export of Tin for the years 1916 to 1920.

Year.					Block Tin.	Tin-ore.	Total tin and tin-ore.	Total duty.
					Pkls.	Pkls.	Pkls.	₹
1916	...	...	...	...	6,618	51,846	58,464	440,950
1917	...	...	...	...	5,246	53,488	58,734	546,667
1918	...	...	...	...	1,960	67,602	69,562	673,012
1919	...	...	...	...	2,816	69,373	72,189	549,741
1920	...	...	...	...	3,006	69,114	72,120	696,931

## APPENDIX C.

## COURTS.

Statement of the Estimated and Actual Revenue for the year 1920.

District.	Estimated.	Actual.	Increase.	Decrease.
	\$	\$	\$	
Lipis ... ..	3,060	4,947	1,887	
Raub ... ..	12,100	13,548	1,448	
Temerloh ... ..	2,130	7,016	4,886	
Pekan ... ..	1,450	1,583	133	
Kuantan ... ..	6,420	12,124	5,704	
Total ...	25,160	39,218	14,058	

Statement of Revenue collected in the Criminal Courts during the year 1920.

District.	Magistrates' Courts.	Kathis' Courts.	Penghulus' Courts.	Total.
	\$	\$	\$	\$
Lipis ... ..	3,159	1	98	3,258
Raub ... ..	4,203	4	18	4,225
Bentong ... ..	6,712	...	...	6,712
Temerloh ... ..	5,882	1	435	6,318
Pekan ... ..	1,052	1	10	1,063
Kuantan ... ..	10,623	1	16	10,640
Total ...	31,631	8	577	32,216

Statement of Revenue collected in the Civil Courts during the year 1920.

District.	Court of Appeal.	Court of a Judicial Commissioner.	Magistrates' Courts.	Penghulus' Courts.	Total.
		\$	\$	\$	\$
Lipis ... ..		590	1,041	58	1,689
Raub ... ..		771	878	6	1,655
Bentong ... ..		...	951	5	956
Temerloh ... ..		...	604	94	698
Pekan ... ..		41	388	91	520
Kuantan ... ..		509	947	28	1,484
Total ...	...	1,911	4,809	282	7,002

APPENDIX C—(cont.)

Statement of Work performed in the Criminal Courts during the year 1920.

District.	Appeals.								Courts of a Judicial Commissioner.				Magistrates' Courts.				Penghulus' Courts.			Kathis' Courts.			Total suits.
	Court of Appeal.				Courts of a Judicial Commissioner.																		
	Upheld.	Dismissed.	Returned to Lower Court.	Total.	Upheld.	Dismissed.	Pending.	Total.	Convicted.	Discharged.	Pending.	Total.	Appeal.	Convicted.	Discharged.	Total.	Convicted.	Discharged.	Total.	Convicted.	Discharged.	Total.	
Lipis ...	...	...	...	...	...	1	...	1	...	...	...	...	...	318	52	370	58	11	69	3	...	3	443
Raub ...	...	...	...	...	5	3	...	8	5	3	...	8	...	448	74	522	33	5	38	12	1	13	589
Bentong	...	...	...	...	...	...	...	...	...	...	...	...	...	399	60	459	...	9	9	...	...	...	468
Temerloh	...	...	...	...	2	5	...	7	...	...	...	...	1	242	84	327	173	25	198	77	4	81	613
Pekan	...	...	...	...	...	...	...	...	2	...	...	2	...	94	19	113	7	...	7	4	1	5	127
Kuantan	...	...	...	...	2	...	2	4	20	2	3	25	4	1,111	158	1,273	11	10	21	1	...	1	1,324
Total	...	...	...	...	9	9	2	20	27	5	3	35	5	2,612	447	3,064	282	60	342	97	6	103	3,564

APPENDIX C—(cont.)

Statement of Work performed in the Civil Courts during the year 1920.

District.	Court of Appeal.		Court of a Judicial Commissioner.					Magistrates' Courts.			Kathis' Courts.	Penghulus' Courts.	Total.
	Appeals.	Total.	Appeals.	Suits.	Bankruptcy.	Probate and administration.	Total.	Appeals.	Suits.	Total.	Number of suits.	Number of suits.	
Lapis ... ..	...	...	3	11	...	25	39	...	206	206	4	86	335
Raub ... ..	...	...	6	17	...	9	32	...	159	159	...	10	201
Bentong ... ..	...	...	...	...	...	...	...	...	134	134	...	11	145
Temerloh ... ..	...	...	1	...	...	2	3	5	135	140	12	169	324
Pekan ... ..	...	...	...	1	...	10	11	...	82	82	...	...	93
Kuantan ... ..	...	...	1	17	...	5	23	1	169	170	46	45	284
Total ... ..	...	...	11	46	...	51	108	6	885	891	62	321	1,382

## APPENDIX C—(cont.)

## Return of Enquiries of Deaths for the year 1920.

District.	No. of enquiries held.	Principal verdicts.												Total.	
		Death by sentence of Court.	Accidental.	Suicide.	Murder.	Justifiable homicide.	Natural causes.	Unknown causes.	Found drowned.	Culpable homicide not amounting to murder.	Misadventure.	Death from self-inflicted wounds during temporary insanity.	Drowning.		Pending.
Lipis	25	...	3	...	...	...	3	1	3	...	14	1	...	...	25
Raub	7	...	5	...	1	...	1	...	...	...	...	...	...	...	7
Bentong	8	...	7	...	...	...	1	...	...	...	...	...	...	...	8
Temerloh	15	...	4	1	1	...	...	...	3	2	4	...	...	...	15
Pekan	4	...	...	...	1	...	...	...	3	...	...	...	...	...	4
Kuantan	9	...	1	2	...	...	1	...	4	...	1	...	...	...	9
Total	68	...	20	3	3	...	6	1	13	2	19	1	...	...	68

# APPENDIX D.

## HEALTH.

Return of Hospitals for the year ending 31st December, 1920.

Hospitals.	Remained from pre-vious year.	Admitted during the year.	Total treated.	Discharges, deaths, etc.					Remaining at the close of the year.	Percentage of deaths to total treated.	Daily average No. of patients.	No. of beds.	Remarks.
				Discharged.	Transferred.	Absconded.	Died.	Total.					
Kuala Lipis ... ..	56	2,091	2,147	1,882	52	27	132	2,093	54	6.14	62.89	60	7 cases beri-beri with 2 deaths
Raub " Gaol ... ..	1	35	36	33	1	...	2	36	...	5.55	.09	9	No beri-beri cases
Bentong ... ..	34	2,126	2,160	1,866	...	69	140	2,075	85	6.48	74.78	130	6 cases beri-beri with 1 death
Pekan ... ..	46	1,491	1,537	1,256	5	66	146	1,473	64	9.43	55.52	100	8 cases beri-beri with 3 deaths
Kuantan ... ..	27	344	371	342	1	1	5	349	22	1.34	17.87	46	5 cases beri-beri with 4 deaths
" Gaol ... ..	75	1,490	1,565	1,301	19	48	110	1,478	87	7.02	78.90	140	19 cases beri-beri with 1 death
Kuala Tembeling ... ..	...	35	35	31	4	...	...	35	...	...	.09	7	No beri-beri cases
	9	375	384	321	1	17	16	355	29	4.16	6.11	24	" "
Total ... ..	248	7,987	8,235	7,032	83	228	551	7,894	341	6.69	296.16	516	

APPENDIX D—(cont.)

Vaccination Return for the State for the year 1920.

Station.	Number vaccinated.								Total.	Results.				Total vaccinated.	Percentage.	
	Europeans.	Eurasians.	Chinese.	Indians.	Javanese.	Malays.	Japanese.	Others.		Perfect.	Modified.	Failed.	Not seen.		Perfect.	Failed.
Kuala Lipis ... ..	...	10	29	9	...	308	5	...	361	349	2	7	3	361	96.64	1.93
Kuala Tembeling ... ..	...	...	...	45	...	75	...	...	120	7	21	79	13	120	5.83	65.83
Temerloh ... ..	...	...	45	3	...	470	...	...	518	382	84	52	...	518	73.73	10.03
Raub and Bentong ... ..	...	1	224	26	3	405	1	1	661	570	22	9	60	661	86.23	1.36
Pekan ... ..	...	...	10	3	...	715	...	...	728	656	33	39	...	728	90.10	5.35
Kuantan ... ..	...	1	98	74	91	243	...	1	508	436	...	72	...	508	85.62	14.17
Total ...	...	12	406	160	94	2,216	6	2	2,896	2,400	162	258	76	2,896	82.87	8.94

## APPENDIX E.

## POPULATION.

Return of Births and Deaths registered in the State of Pahang for the year 1920.

## BIRTHS.

Nationality.	Kuala Lipis.				Raub.				Temerloh.				Pekan.				Kuantan.				Total.			
	Male.	Female.	Total.	Total of the corresponding period of 1919.	Male.	Female.	Total.	Total of the corresponding period of 1919.	Male.	Female.	Total.	Total of the corresponding period of 1919.	Male.	Female.	Total.	Total of the corresponding period of 1919.	Male.	Female.	Total.	Total of the corresponding period of 1919.	Male.	Female.	Grand Total.	Total of the corresponding period of 1919.
Europeans and Americans ...	...	1	1	...	...	...	...	...	1	...	1	...	...	...	...	...	2	1	3	3	3	2	5	3
Eurasians ...	1	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1
Chinese ...	26	21	47	36	121	89	210	224	35	21	56	41	7	5	12	18	75	82	157	171	264	218	482	490
Malays ...	415	369	784	768	270	216	486	455	434	438	872	912	378	315	693	776	148	150	298	323	1,645	1,488	3,133	3,234
Javanese ...	6	5	11	7	2	4	6	6	...	...	...	...	1	1	2	...	39	36	75	72	48	46	94	85
Indians ...	14	19	33	21	30	26	56	40	23	17	40	17	3	1	4	5	16	6	22	24	86	69	155	107
Others ...	2	3	5	3	...	2	2	4	1	1	2	...	...	...	5	...	1	1	2	2	4	7	11	14
Total ...	464	418	882	836	424	1,137	761	729	494	477	971	970	389	322	711	804	281	276	557	595	2,052	1,830	3,882	3,936*

## DEATHS.

Europeans and Americans ...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	...	3	1
Eurasians ...	...	1	1	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	
Chinese ...	147	14	161	165	362	93	455	428	74	19	93	71	30	2	32	106	203	58	261	271	816	186	1,002	1,041
Malays ...	362	340	702	658	179	138	217	292	417	393	810	719	249	248	497	413	171	135	306	235	1,378	1,254	2,632	2,317
Javanese ...	5	1	6	12	5	1	6	15	1	...	1	...	...	...	...	...	73	39	112	128	84	41	125	155
Indians ...	106	18	124	89	150	58	208	150	32	24	56	17	...	...	...	2	18	8	26	23	306	108	414	281
Others ...	9	2	11	9	1	5	6	6	...	...	...	...	1	...	1	1	1	...	1	1	12	7	19	17
Total ...	632	376	1,008	934	697	295	992	893	524	436	960	807	280	250	530	523	466	240	706	658	2,599	1,597	4,196	3,816†

# APPENDIX F.

## METEOROLOGICAL.

Abstract of Thermometrical and Rainfall Observations taken at various Stations of the State of Pahang during the year 1920.

Month.	KUALA LIPIS.				RAUB.				BENTONG.				PEKAN.				KUALA L.				TEMERLOH.			
	9 a.m.			6 a.m. & 6 p.m.	9 a.m.			6 a.m. & 6 p.m.	9 a.m.			6 a.m. & 6 p.m.	9 a.m.			6 a.m. & 6 p.m.	9 a.m.			6 a.m. & 6 p.m.	9 a.m.			6 a.m. & 6 p.m.
	Thermometer.			Rainfall.	Thermometer.			Rainfall.	Thermometer.			Rainfall.	Thermometer.			Rainfall.	Thermometer.			Rainfall.	Thermometer.			Rainfall.
	Maximum.	Minimum.	Range.	Rainfall during the month.	Maximum.	Minimum.	Range.	Rainfall during the month.	Maximum.	Minimum.	Range.	Rainfall during the month.	Maximum.	Minimum.	Range.	Rainfall during the month.	Maximum.	Minimum.	Range.	Rainfall during the month.	Maximum.	Minimum.	Range.	Rainfall during the month.
	°	°	°	Inches.	°	°	°	Inches.	°	°	°	Inches.	°	°	°	Inches.	°	°	°	Inches.	°	°	°	Inches.
January ...	84.22	...	...	5.33	82.80	70.61	12.19	5.69	84.58	...	...	5.53	80.11	69.08	11.03	5.56	84.71	67.68	17.03	6.19	84.87	64.77	20.10	5.65
February ...	89.82	...	...	8.25	88.48	71.34	17.14	5.60	89.65	...	...	4.31	85.68	70.41	15.27	6.92	87.00	65.97	21.03	2.64	90.06	66.31	23.75	5.95
March ...	89.80	75.70	14.10	4.17	88.35	71.32	17.03	2.81	90.80	76.87	13.93	4.82	85.74	70.67	15.07	14.68	86.83	73.77	13.06	16.96	91.22	66.06	25.16	4.25
April ...	89.60	76.13	13.47	7.48	89.80	72.46	17.34	10.28	90.90	73.43	17.47	6.15	85.00	72.00	13.00	9.62	89.50	72.77	16.73	9.01	91.66	69.00	22.66	11.50
May ...	89.48	75.80	13.68	7.60	90.51	72.92	17.59	3.51	91.03	70.51	20.52	6.91	90.09	72.25	17.84	5.58	90.42	69.87	20.55	9.33	92.71	72.47	19.97	5.45
June ...	89.43	76.06	13.36	8.10	89.56	70.73	18.83	3.26	90.30	70.13	19.51	5.53	90.00	70.96	19.03	3.40	90.00	67.23	22.77	12.21	95.00	75.16	19.83	4.33
July ...	90.22	76.48	13.74	4.8	91.83	70.45	21.38	3.7	91.93	70.16	21.77	...	91.29	71.48	19.81	3.61	93.16	73.26	19.90	1.53	95.70	74.87	20.83	4.6
August ...	88.16	74.83	13.33	11.05	88.83	70.45	18.38	6.90	92.03	69.93	22.10	3.75	89.67	70.25	19.42	11.22	90.06	72.22	17.84	8.33	94.22	73.54	20.68	8.26
September ...	87.90	74.40	13.50	11.50	88.56	70.60	17.96	7.23	89.29	69.80	19.49	2.39	89.60	70.70	18.90	5.11	89.93	73.83	16.10	8.24	93.33	73.13	20.20	6.12
October ...	88.03	75.06	12.97	18.55	87.25	71.22	16.03	9.22	89.46	69.68	19.78	3.36	87.67	70.83	16.84	10.75	86.58	72.96	13.62	12.57	88.80	71.74	17.06	10.43
November ...	87.60	74.60	13.00	14.75	87.06	71.46	15.60	10.08	89.86	69.86	20.00	6.93	87.26	71.63	15.63	8.40	85.80	73.74	12.06	12.61	97.64	71.96	25.68	6.01
December ...	89.74	73.58	16.16	5.74	86.90	70.80	16.10	6.80	90.12	69.74	20.38	4.46	86.87	70.83	16.04	7.52	87.61	72.70	14.91	10.12	89.83	71.67	18.16	8.57
Mean ...	88.66	75.26	13.70	8.58	88.32	71.19	17.13	5.97	89.99	71.01	19.49	4.92	87.41	70.92	16.49	7.69	88.46	71.33	17.13	9.14	92.08	70.91	21.17	6.41
Total Rainfall ...	103.00				71.75				54.14				92.37				109.74				76.98			
Average Monthly Rainfall	8.58				5.97				4.92				7.69				9.14				6.41			
Mean Temperature ...	81.96				79.75				80.50				79.16				79.89				81.49			

## APPENDIX G.

## PRISONS.

Return of Prisoners confined in the various Prisons during the year 1920.

Month.						Lipis.	Raub.	Bentong.	Temerloh.	Kuantan.
January	...	...	...	...	...	20	9	5	9	42
February	...	...	...	...	...	14	4	1	9	40
March...	...	...	...	...	...	25	5	7	5	82
April ...	...	...	...	...	...	14	...	...	12	22
May ...	...	...	...	...	...	15	4	4	20	62
June ...	...	...	...	...	...	17	4	2	6	33
July ...	...	...	...	...	...	12	8	2	3	23
August	...	...	...	...	...	14	4	3	9	22
September	...	...	...	...	...	8	6	1	4	18
October	...	...	...	...	...	4	7	2	8	30
November	...	...	...	...	...	23	15	3	10	27
December	...	...	...	...	...	14	17	2	1	38

FIG.

**FINANCIAL AND STATISTICAL RETURNS FOR THE YEARS 1889 TO 1920.**

Year.	Revenue.	Expenditure. (a) (b)	Trade.		Land Revenue.	Tin Duty.	Posts and Telegraphs (c)	Railway Receipts.	Census.
			Imports.	Exports.					
1889 half year ...	\$ 30,390	\$ 142,620	No records	No records	\$ 10,961	\$ 1,910	\$ 264		
1890 ...	62,077	297,702	"	"	19,567	4,623	1,218		
1891 ...	77,886	238,174	"	"	22,235	9,145	1,537		
1892 ...	50,044	271,393	341,673	331,196	13,774	8,733	1,602		57,444 (d)
1893 ...	83,688	282,235	363,834	367,555	24,347	10,322	1,133		
1894 ...	100,220	249,120	787,859	659,653	28,367	17,570	1,934		
1895 ...	106,743	231,913	946,497	775,313	23,842	24,467	2,850		
1896 ...	160,947	462,619	1,180,188	865,280	29,807	26,947	2,640		
1897 ...	198,193	441,917	1,226,059	1,652,607	49,836	25,624	2,539		
1898 ...	224,856	372,719	1,147,054	1,559,349	63,163	34,030	6,225		
1899 ...	375,350	1,814,029	1,531,661	2,062,241	88,883	70,533	11,657		
1900 ...	419,150	630,678	973,405	2,322,950	40,342	91,403	9,503		
1901 ...	* 794,764	696,841	962,906	2,656,599	41,053	120,082	8,529		84,113
1902 ...	418,310	602,243	869,789	2,972,900	47,616	145,483	15,784		
1903 ...	416,916	641,008	1,134,508	3,336,682	47,167	171,028	11,753		
1904 ...	458,225	906,745	1,346,935	3,631,894	54,078	178,808	11,709		
1905 ...	528,368	1,208,176	1,344,346	3,838,928	68,732	241,804	Federal		
1906 ...	650,717	1,434,353	1,194,921	3,770,325	78,329	277,931	"		
1907 ...	621,425	1,297,242	1,715,299	3,575,905	80,209	253,039	"		
1908 ...	814,528	1,634,045	1,987,831	3,320,452	90,848	233,438	"		
1909 ...	902,739	1,569,791	1,864,221	3,830,158	103,275	263,572	"		
1910 ...	1,017,801	1,755,128	2,140,973	4,048,025	129,558	280,522	"		
1911 ...	1,113,307	1,647,102	2,777,768	4,890,639	138,038	368,967	"		
1912 ...	1,728,003	1,896,438	3,929,301	6,474,618	160,532	474,436	"		118,708
1913 ...	1,729,458	2,076,163	3,268,983	7,006,474	197,896	494,388	"		
1914 ...	1,557,072	2,648,921	3,816,323	6,021,594	169,703	389,396	"		
1915 ...	1,598,257	1,952,485	3,186,822	7,210,073	175,642	427,312	"		
1916 ...	1,871,297	1,518,073	3,490,794	8,561,576	202,418	440,950	"		
1917 ...	2,498,141	1,921,682	2,870,338	11,224,765	237,895	546,667	"		
1918 ...	2,861,577	2,295,416	2,558,109	10,868,271	260,837	673,012	"		
1919 ...	2,918,942	3,146,888	5,756,275	11,780,584	299,920	549,741	"		
1920 ...	2,956,200	4,369,822	5,738,317	13,256,047	302,759	696,931	"		

(a) The expenditure for 1889, 1890, 1892, 1893, 1894, 1896, 1897, 1898, 1899, 1900 and 1901 includes interest on Loans from Straits Settlements, Selangor and Perak, as follows:

1889 ...	\$ 937	1894 ...	\$ 36,145	1899 ...	\$ 77,294
1890 ...	13,055	1896 ...	14,062	1900 ...	82,439
1892 ...	48,970	1897 ...	175,426 for 1895 to 1897	1901 ...	103,938
1893 ...	31,786	1898 ...	71,770		

(b) The expenditure for 1892 to 1899 includes the expenditure on account of the disturbances as follows:

1892 ...	+ \$15,686	Semantan outbreak	1895 ...	\$7,175	{ Mr. Hugh Clifford's expedition to Kelantan and Trengganu
1893 ...	3,842	"	1896 ...	205	
1894 ...	461	"	" ...	180,672	Semantan outbreak
" ...	4,999	Tembeling raid	" ...	123,976	Tembeling raid
1895 ...	17,236	"	1899 ...	250	Semantan outbreak
" ...	1,184	Semantan outbreak			

(c) Telegraph revenue not credited to Pahang until 1899. The department became a Federal Establishment from the 1st January, 1905.

(d) Exclusive of inmates of the Sultan's household, Malays in ex-Orang Kaya of Semantan's district, and the wilder Sakai tribes.

\* Inclusive of \$356,206 for interest charged in the past against Pahang expenditure but since remitted by the States of Perak and Selangor

+ Actual expenditure  
Less contribution by H.H. the Sultan ... \$73,286  
... 57,600  
\$15,686

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