

MEDICAL REPORT

FOR THE YEAR

1924

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ANNUAL MEDICAL REPORT FOR THE YEAR ENDING
31st DECEMBER, 1924.

I.—ADMINISTRATIVE.

(a.) Staff :—	
Principal Civil Medical Officer,	1
Medical Officers,	6
Bacteriologist,	1
Health Officers of the Port and Inspectors of Emigrants,...	2
Medical Officer, New Territories,	1
Chinese Medical Officers,	3
Resident Surgeon, Tung Wah Hospital,	1
Analyst,	1
Assistant Analysts,	2
Assistant Analyst (Temporary),	1
Nursing Staff :—	
Matron,.....	1
Assistant Matron	1
Nursing Sisters,	25
" " Temporary,...	2
Nurse,	1
Probationer Nurses (Chinese),	19
Probationer Dressers (Chinese),	9
Head Attendant, (Asylum), ...	1
Female Attendant, (Asylum),...	1
Wardmasters, (Chinese,	4
Midwives, (Chinese),	7
Dispensers :—	
Apothecary and Medical Storekeeper,.....	1
Assistant Apothecary,.....	1
5th Grade Dispenser,.....	1
6th Grade Dispensers,.....	2
Interpreter and Dispenser,	1
Clerical Staff :—	
Accountant,	1
Third Grade Clerk,	1
Fourth Grade Clerk,	1
Fifth Grade Clerks,.....	2
Sixth Grade Clerks,.....	4
Other Officers :—	
Steward,	1
Sampler (Temporary),.....	1
Third Grade Laboratory Assistant,	1
Fourth Grade Laboratory Assistant,	1
Public Vaccinators.....	12
Linen Maid,.....	1
Wardboys, Amahs, Cooks and Others,.....	174

CHANGES IN THE STAFF.

Dr. J. B. Addison appointed Principal Civil Medical Officer on 4th February and arrived in the Colony on 1st March vice Dr. J. T. C. Johnson retired.

Dr. A. R. Esler transferred to another Colony.

Dr. W. L. Paterson appointed Medical Officer on 4th January and arrived in the Colony on 8th February.

Mrs. R. C. Anslow appointed Linen Maid from 4th January vice Mrs. E. T. King discharged.

Misses A. E. Hammond, E. C. Murray, M. E. Riddle, A. M. Pearton, W. Riddle, B. M. Gill, R. V. G. Daye, M. K. North, M. I. Turnbull and F. M. M. Huxtable arrived in the Colony and appointed Nursing Sisters 3 from 9th January, 2 from 11th January, 1 from 22nd February, 2 from 7th March 1 from 4th April and 1 from 29th November.

Mr. J. T. Shand appointed Assistant Apothecary from 16th January.

Mr. W. O. Barrington appointed temporary Assistant Analyst on 1st February and resigned on 11th April.

Staff Nurse R. Tom resigned from 1st March.

Dr. Shin Lok Shang appointed Chinese Medical Officer from 7th March.

Messrs. David Loie and A. Kurrick appointed temporary Assistant Analysts from 28th April and 26th November respectively.

Mr. J. O. Regan invalided on 28th April.

Capt. D. Fettes resigned from 1st June.

Mr. K. W. Lane invalided on 12th June.

Dr. H. L. Clift appointed temporary Medical Officer from 22nd June.

Misses A. J. Halligan and E. B. Rennie appointed temporary Nursing Sisters from 10th July and 18th October respectively.

Dr. J. P. Fehily appointed Medical Officer on 1st August and arrived in the Colony on 4th September.

Dr. G. W. Pope appointed Medical Officer on 13th September and arrived in the Colony on 16th October.

Mrs. F. M. Barlow retired on 28th October.

Dr. J. R. Craig appointed Medical Officer on 21st November and arrived in the Colony on 27th December.

Mr. W. F. Fincher appointed temporary Sampler from 15th December vice Mr. R. C. Hurley resigned.

(b) FINANCIAL.

The amount sanctioned in the Estimate was \$476,606 and the Expenditure was \$502,882.89.

Revenue received :

For Medical Treatment,	\$66,743.65
„ Medical Certificates,	15.00
„ Bacteriological Examinations, ...	4,752.12
„ Chemical Analyses,	22,616.00
„ Bills of Health,	15,156.00
„ Medical Examination of Emigrants, .	96,315.60

II.—VITAL STATISTICS.

The population of the Colony is estimated to be ;—

British and foreign civilians	16,000
Chinese Civilians	783,550
Total number of Chinese births registered	3,826
Total number of non-Chinese births ...	317

The general birth rate for the civil population is said to be 5.8 and that of the Chinese 5.47 per 1,000. From the nature of the case it is practically impossible to arrive at a correct estimate of the Chinese birth rate.

The total number of deaths was 15,553 and the general civilian death rate was 21.75 per 1,000. Of this total there were 15,301 Chinese and 241 non-chinese civilians and the death rate was respectively 21.9 and 15.06 per 1,000.

Infantile mortality.—Among infants of one month or less, 7 non-chinese and 1,131 Chinese, died. Of those infants who were more than a month old but less than a year, 30 non-chinese and 3,567 Chinese died. The total number of children who died at the age of a year or less was therefore 37 non-chinese and 4,698 Chinese. These figures are derived from reliable statistics because the registration of deaths is compulsory, but as births are not registered in every case the Chinese birth rate given above is not accurate. (These statistics are derived from the Medical Officer of Health's office.)

III.—METEOROLOGICAL RETURNS, 1924.

Monthly Values of Meteorological Elements.

MONTHLY VALUES OF THE METEOROLOGICAL ELEMENTS IN THE YEAR 1924.
(British Units).

Month 1924.	Barometric Pressure.			Air Temperature.						Temperature of Vapour Tension.				
	Highest.	Lowest.	Mean.	Mean Diurnal (Range).	Highest.	Lowest.	Range in Month.	Mean of the Daily Maxima.	Mean of the Daily Minima.	Mean Daily Range.	Mean.	Temperature of Vapour Tension.	Highest.	Lowest.	Mean.
	ins.	ins.	ins.	ins.	°	°	°	°	°	°	°	ins.	ins.	ins.
January ...	30·303	29·844	30·057	0·107	74·8	47·5	27·3	65·9	59·8	6·1	62·4	0·677	0·262	0·459
February ...	·228	·582	29·922	0·102	74·6	49·2	25·4	63·6	57·3	6·3	60·3	0·812	0·210	0·462
March ...	·257	·642	·989	0·116	75·8	52·1	23·2	67·0	59·2	7·8	62·5	0·703	0·263	0·451
April ...	·034	·471	·811	0·093	85·4	57·4	28·0	74·4	65·8	8·6	69·3	0·919	0·375	0·615
May ...	29·854	·585	·719	0·084	83·1	73·1	15·0	84·4	76·7	7·7	79·6	0·953	0·355	0·326
June ...	·777	·425	·625	0·065	90·3	72·9	17·4	84·3	77·6	6·7	80·5	1·023	0·529	0·865
July ...	·815	·365	·595	0·070	89·1	76·3	12·8	86·4	78·4	8·0	81·7	1·046	0·754	0·890
August ...	·883	·369	·608	0·074	89·7	75·6	14·1	86·7	78·2	8·5	81·9	1·047	0·685	0·862
September ...	·920	·434	·742	0·089	93·2	74·3	18·9	86·8	78·6	8·2	82·2	0·933	0·286	0·637
October ...	30·094	·455	·836	0·090	88·8	64·0	24·8	81·2	72·7	8·5	76·5	0·684	0·101	0·408
November ..	·314	·803	30·015	0·103	81·5	49·3	32·2	73·4	63·8	9·6	68·2	0·545	0·116	0·343
December...	·226	·774	·037	0·110	73·2	52·4	20·8	67·4	57·4	10·0	61·9	1·047	0·101	0·645
Year.	30·314	29·365	29·830	0·092	93·2	47·5	45·7	76·8	68·8	8·0	72·3	1·047	0·101	0·645
Date.	Nov.24	July 15	...	...	Sept. 7.	Jan. 1	...	...	...	...	...	Sept. 6.	Nov. 24.	...

IV.—GENERAL REMARKS.

The year 1924 was free from any serious outbreak of infectious disease, the epidemic of small-pox which commenced during the last three months of 1923 reached its highest in January and then rapidly declined. The figures are :—

1923	September	...	...	...	...	...	29 cases
	October	...	...	...	...	...	165
	November	...	...	...	...	...	407
1924	January	...	...	...	...	...	433
	February	...	...	...	...	...	255
	March	...	...	...	...	...	137
	April	...	...	...	...	...	47
	May	...	...	...	...	...	28

Plague.—For the first time for many years the Colony was entirely free from plague throughout a whole year. Bodies of rats were systematically examined at the Public Mortuaries, 89,822 at Victoria and 37,583 at Kowloon. No infected rats were found.

Beri-beri.—As in in the previous year beri-beri was very prevalent, 141 cases were treated at the Government Civil Hospital, 848 at the Tung Wah Hospital, and 994 at Kwong Wah Hospital making a total of 1983. During the month of June my attention was called by Dr. Paterson the Medical Officer of the Gaol to the fact that there were several cases of beri-beri in the Victoria Gaol. The first case noticed was that of a man who had been a prisoner for 5 years and 10 months. As the result of this case Dr. Paterson examined all the inmates of the prison and found that no less than 200 shewed slight signs of the disease while 54 shewed marked signs and of the latter 6 were admitted to the prison hospital.

The following table shows the length of time these 54 has been in prison :—

1	had been in prison	14	years.
1	„	9	„
1	„	7	„
1	„	5	„
1	„	2 1/3	„
1	„	2 1/4	years.
2	„	over 1	year.
15	„	over 100	days.

The remainder were short sentence prisoners. As all prisoners are examined on admission all the cases must have contracted the disease whilst in prison.

I saw a large number of the cases myself. A sample of the rice used as the basis of the prison diet was sent to the Government Analyst for report. The rice supplied by the contractor was a mixture of dark red rice and a whitish coloured rice and the Analyst report shewed that the percentage of Phosphorus Pentoxide was 0.61% which figure is well above the standard which is considered safe.

The prison was overcrowded at the time and as soon as this was remedied the trouble subsided without any alteration in the diet or general routine. There were no deaths.

Malaria :—The numbers of the police force stationed in the New Territories recruited from Wei hai Wei again suffered severely from malaria. The figures can be seen in the special part of the report dealing with the Police Force.

Owing to the limited number of beds at the Government Civil Hospital it was very difficult to keep these men in Hospital for a sufficient length of time to give them a thorough course of treatment and during the Autumn the Kennedy Town Hospital was opened to deal with these cases in a more thorough manner. 92 cases were admitted. The Hospital was kept open for 53 days.

New buildings etc. :—Good progress was made in the building of the Kowloon Hospital and in the additions to the Victoria Hospital and it is anticipated that both will be completed during 1925.

Negotiations were completed for acquiring "Rennies Mills" situated in Junk Bay to be used as a quarantine station this will provide a badly felt want. Endeavours were made to find a site for a New Lunatic Asylum but unfortunately without definite result, the present Asylum is quite unsuitable for its purpose.

It has been decided to move the two small-pox hospitals from Kennedy Town to another situation but the sites have not definitely been fixed upon. It has been decided to build a hospital for Infectious Diseases other than small-pox, hitherto these cases have been treated at the General Hospitals.

V.—HOSPITALS, INSTITUTES, &C.

Civil Hospital.—Dr. C. W. McKenny was the officer in charge during the year. During the first part of the year Dr. J. T. Smally was second medical officer but was replaced when he went on leave, owing to his ill health, by Dr. W. Lyle Paterson.

No new posts have been made in the nursing staff but one sister is as far as possible stationed for a long period in the Operating Theatre as theatre sister.

This has proved a most happy arrangement and has conduced to the efficient conduct of the operative work.

Some little doubt was felt as to whether the extra accomodation allotted to women in the medical wards of C. Block would be fully utilised but time has shown that such fears were quite unfounded.

IN PATIENTS :—The following list shows in-patients for the past ten years :—

1915—3085	1920—4071
1916—2969	1921—4815
1917—3292	1922—4417
1918—3677	1923—5455
1919—3926	1924—6106

This rate of progress is satisfactory but our present accomodation has almost reached its limit. In fact on many occasions during the year over-crowding was present.

It is I think probable that in 1925 the admissions will not increase as undoubtedly the heavy incidence of malaria among the police was abnormal and is unlikely to be so severe in coming years but the normal increase as opposed to the—one might say—accidental increase of this year is certain to continue and will at no distant date demand enlarged accomodation.

The daily average was 204. (266 in 1923.)

The patients were divided as follows :—

1st Class,	73 (75 in 1923)
2nd „	303 (312 „)
3rd „ „	5730 (5068 „)

Out patients :—

Morning Clinic, 27169 (28297 in 1923)

Afternoon University Clinics :—

Surgical,	2480
Medical,	1698
Total,	<u>31347</u>

Antirabic courses were administered to 36 patients as against 18 such treatments in 1923.

Vaccination against small pox was performed on 70 occasions.

This very low figure is probably due to the intensive vaccination campaign towards the end of 1923 which probably made a clearance of person willing to be vaccinated.

The prescriptions dispensed numbered 25,452.

Nationalities of Patients :—

	1924	1923
European	867	722
Indian,	1147	1096
Other Asiatics,	4092	3637

The Males numbered 5,191 and the Female 915.

Deaths.—359 patients died and of these 126 died within 24 hours of admission.

The death rate was 5.8 % as compared with 5.7 % in 1923.

The death rate according to sex and nationality were :—

European	1.3 %
Indian,	2.6 %
Chinese,	7.7 %
Males,	5.1 %
Females,	10.2 %

Operations performed :—864 operations are recorded as having been performed but it is probably that about 1000 were in fact performed. This difference is due to occasional forgetfulness on the part of the numerous anaesthetists in entering cases in the anaesthetic register.

These operations were performed by the Government staff, by the University Clinic under the control of Prof. Digby and in dental matters by Dr. Shovelton and in a few cases by other dentists.

The following list includes those operations which may be considered numerically or intrinsically of interest :—

Removal of benign growths,	24
„ malignant growths,	12
„ tuberculosis glands,	35
„ varicose veins,	3
„ tonsils and adenoids,	17
„ foreign bodies,	16
„ calculus in bladder,	12
„ calculus in urethra,	3
„ eye-ball,	2

Removal of sequestra,	9
" " spleen,	3
" " Haemorrhoids,	30
" " penis,	2
" " testicles,	2
" " ovarian cysts,	3
" " breast,	8
Amputation through the arm,	4
" " " thigh,	7
" " " leg,	12
" " " elbow joint,	1
" " " ankle joint,	2
" " " wrist joint,	3
" " " of toe,	8
" " " finger,	19
Cure of inguinal hernia,	10
" " strangulated,	4
" " ventral,	1
" " femoral,	1
" " imperforate anus,	3
" " hare lip,	4
" " cleft plate,	5
" " varicocele,	5
" " hydrocele,	5
Laparotomy for exploration,	6
" " septic peritonitis,	3
" " wounds of viscera,	8
" " tubercular peritonitis, ..	1
" " abscess of liver,	3
" " colostomy,	2
" " iliocolostomy,	1
" " gastrectomy,	1
" " gastroenterostomy ;	2
" " cholecystectomy,	3
" " choleoenterostomy,	1
" " hysterectomy,	1
" " salpingectomy,	2
" " intestinal obstruction, ..	3
" " removal of appendix, ...	17
" " appendix abscess,	3
Curetting of the uterus,	13
Circumcision,	37
Urethrotomy,	19
Nephrectomy,	1
Tracheotomy,	2
Perincorrhaphy,	2
Cystotomy,	2
Trephining the mastoid antrum,	4
" " for fractures of skull,	8
Cystoscopy,	6
Sigmoidoscopy,	4
Oesophagoscopy,	2

The Police Force :—The total number of admittances to hospital was 1889 (1431 in 1923).

The average total of men employed in the Police Force was 1766 divided as follows :—

Europeans,	235
Indians,	504
Cantonese,	752
Wei-hai-wei contingent,	275

The Wei-hai-wei force from the point of health cannot be considered successful.

Their malaria returns are most unhappy as no less than 591 admissions were made from a force of 275 men. 143 patients were admitted on one occasion but 107 of the contingent were admitted on several occasions and accounted for 448 cases.

The readmissions were as follows :—

35 on 2 occasions.
17 " 3 "
20 " 4 "
9 " 5 "
11 " 6 "
6 " 7 "
3 " 8 "
4 " 9 "
1 " 15 "
1 " 19 "

It thus appears that 250 out of 275 suffered from malaria. In the autumn the numbers became so excessive that Kennedy Town Hospital was opened to deal for the most part with the more chronic cases. This hospital was under the care of Dr. Clift. Their general health is not satisfactory as compared with Cantonese Police, but is slightly better than that of the Indians as is shewn in the following table :—

	Hospital Admission.	Strength of Police.	Percentage.
Indian,	412	504	81.7
Cantonese,	265	752	35.2
Wei-hai-wei,	217	275	78.9

The incidence of malaria and other diseases was as follows:—

	<i>Malaria.</i>		<i>Other diseases.</i>	
	<i>1924.</i>	<i>1923.</i>	<i>1924.</i>	<i>1923.</i>
European,	32	31	217	196
Indian,	105	136	412	515
Cantonese,	50	} 177	265	} 376
Wei-hai-wei,	591		217	

The malarial incidence is shown below according to nationality and month of the year.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
European	5	0	1	1	2	0	5	8	4	2	4	0	32
Indian	7	3	9	4	6	8	12	6	23	11	11	5	105
Cantonese	3	3	3	2	3	6	8	4	6	5	4	3	50
Wei-hai-wei	40	28	20	19	35	67	66	99	109	30	33	45	591

A similar table is given which deals with all other diseases excluding malaria. No special remark is necessary as the police apart from malaria suffer from the ordinary diseases and differ not at all from the general body of patients.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
European	36	22	8	7	15	11	22	12	22	30	18	14	217
Indians	48	37	45	33	46	24	35	34	29	34	24	23	412
Cantonese	18	18	17	16	36	28	31	11	29	26	20	15	265
Wei-hai-wei	19	11	18	7	28	12	16	33	30	18	12	13	217

The following deaths occurred:—

	<i>Number</i>	<i>Causes</i>
European.....	one	} Multiple injuries. } 1 pernicious anaemia. } 2 pneumonia. } 1 malaria, 1 black water fever, 1 typhoid fever, 1 aortic aneurysm and 1 chronic nephritis.
Indians	three	
Chinese	five	

The following invalidings took place:—

European	19
Indian.....	6
Chinese	4

The University Clinics:—Surgical: This was under the care of Prof. K. H. Digby and attended to 624 patients in the wards.

Medical:—This was under the care of Prof. J. Anderson and 583 patients were admitted to it.

Enteric Epidemic:—87 cases were treated as compared with 72 in 1923.

The following table shows the monthly incidence and the admissions for each month.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
European	3	0	0	0	1	1	2	4	2	0	0	2	15
Indian.....	1	1	2	0	2	2	4	5	3	2	3	2	27
Chinese	2	3	2	0	2	3	4	14	3	5	2	0	40
Japanese.....	2	0	0	0	0	1	0	1	0	0	1	0	5
Total... ..	8	4	4	0	5	7	10	24	8	7	6	4	87

The figures suggest that the Typhoid scare of 1924 was caused rather by a somewhat larger proportion of European contracting the disease than on account of any great general increase of it.

Maternity Department:—The admittances and certain other information is shown in the appended table.

	1924.	1923.
Admissions... ..	789	787
Free patients,	187	235
Male Births,	312	340 { 3 pairs of twins }
Female Births,	337	
Still Births,	43	42
Abortions—spurious labour pains &c.	103	85
European patients,	73	96
Japanese,	18	27
Indian,	38	33
Chinese,	660	631
Deaths (infantile)	11	9
Deaths (maternal)	4	9

The maternal deaths were due to :—

Nephritis,...	3
Beri-beri,...	1

The infant's deaths were due to :—

Prematurity...	7
Atelectasis, ...	4

The Lunatic Asylum :—The Medical Officers of the Civil Hospital also were in charge of the Asylum :—Some comparative statistics may be of interest :—

	1924	1923	1922
Admissions	367	309	235
Brought in by Police...	144	165	117
Sent to John G. Kerr Hospital, Canton ...	183	131	84

Seven deaths occurred which were due respectively to syphilis, meningitis, peritonitis, dysentery uraemia, phthisis, and pneumonia.

Table I.

Nationality and Sex of Patients treated in 1924.

Nationality.	Remain- ing at end of 1923.		Admit- ted.		Total number treated.		Dis- charged.		Died.		Remain- ing at end of 1924.	
	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.
British	0	0	22	2	22	2	31	0	1	1	0	1
Canadian	0	0	1	0	1	0	1	0	0	0	0	0
Indians	0	0	5	0	5	0	4	0	0	0	1	0
Eurasian	1	0	4	0	5	0	3	0	0	0	2	0
German	0	0	1	0	1	0	1	0	0	0	0	0
Italian	0	0	1	0	1	0	1	0	0	0	0	0
Swedish	0	0	2	0	2	0	1	0	1	0	0	0
Portuguese	2	2	4	0	6	2	2	0	0	0	4	2
Dutch	0	0	1	0	1	0	1	0	0	0	0	0
Russian	1	1	1	0	2	1	2	0	0	0	0	1
Chinese	11	1	200	103	211	104	200	102	3	1	8	1
Japanese	0	0	1	1	1	0	1	0	0	0	0	0
Total	15	4	243	105	258	109	238	102	5	2	15	5

Table II.

Return of Diseases and Deaths in 1924.

Diseases.	Remaining in Hospital at end of 1923.	Admitted during 1924.	Total cases treated.	Discharged.				Remaining in Hospital at end of 1924.
				Apparently cured.	Relieved.	To Canton Mental Hospital.	Died.	
Errors of Development:—								
Idiocy	1	...	1	...	...	1	...	...
Imbecility } Congenital	...	9	9	...	2	7	...	...
} Epileptic...	...	3	3	...	...	3	...	...
Feeble-mindedness .....	...	12	12	...	4	7	...	1
Disorders of Function:—								
Mania { Acute .....	...	33	33	8	3	22	...	...
{ Intermittent ...	1	15	16	...	8	8	...	...
{ Chronic .....	...	14	14	...	4	10	...	...
Associated with:—								
Hysteria .....	...	5	5	2	1	2	...	...
Puerperal .....	...	1	1	1	...	...	...	...
Epilepsy .....	...	5	5	...	3	1	...	1
Old age .....	...	2	2	...	2	...	...	...
Melan- { Acute .....	...	8	8	1	...	6	...	1
} Intermittent .	...	8	8	...	4	3	...	1
} Chronic	6	4	10	...	5	2	...	3
Stuporous .....	...	5	5	1	1	3	...	...
Hypochondriacal .....	...	2	2	...	1	1	...	...
Associated with:—								
Climateric .....	...	2	2	1	..	1	...	...
Old age .....	...	1	1	...	...	...	...	1
Chronic disease	1	...	1	...	1	...	...	...
Maniacal depressive Insanity:—								
Alternating insanity ...	1	3	4	...	...	3	...	1
Stupor:—								
Anergic .....	...	2	2	...	1	1	...	...
Delusional .....	...	1	1	...	...	1	...	...
Delusional Insanity:—								
Acute .....	...	7	7	3	2	2	...	...
Chronic	2	11	13	...	3	8	...	2
<i>Carried forward.....</i>	12	153	165	17	45	92	...	11

Table II.—Continued.

Return of Diseases and Deaths in 1924.

Diseases.	Remaining in Hospital at end of 1923.	Admitted during 1924.	Total cases treated.	Discharged.				Remaining in Hospital at end of 1924.
				Apparently cured.	Relieved.	To Canton Mental Hospital.	Died.	
<i>Brought forward ...</i>	12	153	165	17	45	92	...	11
Psychasthenia :—								
Obsessional insanity ...	...	2	2	...	...	1	...	1
Insanity of Infective, Toxic and other general conditions :—								
Acute delirium associated with :—								
typhoid .....	...	2	2	...	2	...	...	...
B. dysentery.....	...	1	1	...	...	...	1	...
beri-beri .....	...	1	1	...	...	...	...	1
malaria .....	...	2	2	1	1	...	..	...
acute delirious mania .....	...	2	2	...	...	...	2	...
Insanity associated with acute infective disease :—febrile .....	...	2	2	2	...	...	...	...
Confusional Insanity :—								
Exhaustion psychosis...	...	1	1	...	...	1	...	...
Syphilitic Insanity :—								
General Paralysis	2	8	10	...	6	3	...	1
Tabo Paresis .....	...	2	2	...	2	...	...	...
Dementia from local Cerebral Syphilis ...	1	...	...	...	...	...	...	...
Insanity due to Alcohol:—								
Acute .....	...	22	22	21	...	1	...	...
Chronic .....	...	4	4	...	2	2	...	...
Delirium Tremens	2	4	4	3	...	...	1	...
Insanity due to opium ..	1	3	3	...	...	3	...	...
Dementia praecox	1	14	16	...	5	11	...	...
" Primary .....	...	23	24	...	8	13	1	2
" Secondary ...	...	32	33	...	6	22	1	4
" Senile .....	...	6	6	...	1	5	...	...
" from Epilepsy ..	...	3	3	...	1	2	...	...
Observation.....	...	59	59	32	...	27	...	...
Totals	19	348	367	76	81	183	7	20
Total for 1923...9 (1922)		300	309	82	74	131	3	19

The Victoria Hospital for Women and Children.—300 admitted as compared with 299 in the previous year.

Nine deaths occurred :—

Acute Nephritis	...	...	...	...	...	...	1
Septicaemia (after small-pox)	...	...	...	...	...	...	2
Marasmus	...	...	...	...	...	...	1
Enteric Fever	...	...	...	...	...	...	1
Enteritis,	...	...	...	...	...	...	1
Intussusception	...	...	..	...	...	...	1
Bacillary Dysentery	...	...	...	...	...	...	1
General Tuberculosis	...	...	...	...	...	...	1

Malaria :—Accounted for 31 admission as compared with 44 in previous twelve months. The cases were nearly all benign tertian infection and were not such severe cases as were admitted in the previous year.

Diphtheria.—Twelve cases admitted. Some of a severe type. One case (Laryngeal) required operation (tracheotomy) to save the child's life.

Dysentery.—Fourteen cases—Mostly Amoebic. There were two severe of Bacillary Dysentery, one of which died.

Enteric and Paratyphoid.—During the outbreak which occurred last summer in the Colony fourteen cases were admitted, all of a very severe type (one case admitted on 17th day of disease died). Relapses occurred in almost all the cases.

The New Maternity block has been used during the whole period while the alterations are being carried out in the main building. The difficulty of treating and trying to isolate infectious cases in a General hospital has been keenly felt.

The Kennedy Town Small-pox Hospital.—24 cases of small pox were admitted during the year and of these 7 died. Also 3 cases of chicken-pox. 7 cases were admitted for observation.

The nationalities of the patients were as follows—British 11, American 3, Portuguese 2, Norwegian 1, Indian 6, Chinese 2, Japanese 6, Filipino 2, Singalese 1. From September 23rd to November 15th, there being no small-pox in the Colony at the time, the hospital was opened to accommodate Wei-hai-wei Policemen suffering from malaria, 92 such were admitted. The reason for this was that owing to overcrowding at the Government Civil Hospital these men could not be kept in that institution for a sufficient length of time to ensure adequate treatment.

VICTORIA GAOL HOSPITAL.

Dr. Paterson was in charge until June 22nd when he was replaced by Dr. W. L. Clift.

The number of prisoners admitted to the gaol was considerably increased being 7,382 as against 5,051 in 1923.

There were 7,063 males, 218 females and 101 juveniles.

The number of prisoners who on admission were considered to be physically unfit for hard labour was 1,920 roughly 26 %. 530 were suffering from scabies.

28 prisoners were admitted to the hospital on entry.

402 prisoners were admitted to the hospital during the year.

There were 7 deaths in the prison hospital of which 3 were the result of Pulmonary tuberculosis, 2 acute peritonitis, 1 of valvular heart disease, and 1 typhoid fever.

Four other prisoners died after transfer to the Government Civil Hospital.

The sentences of six prisoners were remitted on medical grounds which were as follows :—

Phthisis ...	...	...	...	...	...	...	2.
Beri-beri ...	...	...	...	...	...	...	1.
Insanity...	...	...	...	...	...	...	1.
Aneurysm ...	...	...	...	...	...	...	1.
Leprosy ...	...	...	...	...	...	...	1.

Lai Chi Kok (Branch Prison).—192 prisoners remained from 1923 and 1691 were admitted making a total of 1883 (1296 in 1923) and of these 262 remained at the end of 1924.

The daily average number of prisoners was 229.

The admissions* to hospital numbered 240, the principal diseases being malaria 58, diseases of the Digestive System 54, and Dysentery 21. There were no deaths.

67 prisoners were transferred for treatment to Victoria Gaol, the majority being cases of scabies or venereal diseases.

Quinine parades were held three times a week from June to December, 10 grains of Quinine in solutions being administered to each member of the Staff and to each prisoner with satisfactory results. When the training of the Nullah below the prison is completed Quinine parades should no longer be necessary.

The Dispensary, Tai Po Market.—Dr. Luk Chuen Hsuen is in charge of this Dispensary.

2728 cases were treated as compared with 2577 last year.

The Dispensary has recently been moved to larger and more suitable premises situated on the main road.

VI.—KOWLOON AND THE NEW TERRITORIES.

Government Dispensary, Kowloon.—The attendances during 1924, amounted to 32,503 as compared with 31,765 in 1923.

The total for the latter year included 6,871 vaccinations as against 571 this year. Including vaccinations from both figures, the totals would be 31,932 and 24,894 respectively, showing an increase of 7038 for this year.

The total cases treated were made up as follows :—

	1924	1923
New cases.....	14,512	10,609
Old cases	5,100	3,949
Vaccinations.....	571	6,871
Dressings	12,320	10,336
	<hr/>	<hr/>
	32,503	31,765
	<hr/> <hr/>	<hr/> <hr/>

2,410 Government Servants attended for treatment as follows :—

	1924	1923
Kowloon Canton Railway	840	464
Police	951	772
Others	619	289
	<hr/>	<hr/>
	2,410	1,525
	<hr/> <hr/>	<hr/> <hr/>

Nationalities were represented as follows :—

Europeans	2,382
Chinese	27,486
Indians	1,632
Others	1,003
	<hr/>
	32,503
	<hr/> <hr/>

The Police :—The various Stations in Kowloon and the New Territories were regularly visited.

There was a considerable increase of Malaria during the first nine months of the year as compared with former years but during the last three months there was a marked decrease, as compared with last year. The increase was due to recurrent attacks amongst the D. Division and the reduction was brought about by keeping the men longer in hospital to insure a through course of quinine as it was found difficult to get the men to take it in sufficient doses to prevent a recurrence, after they had returned to duty.

A Table is attached showing the seasonal influence of Malaria and the Stations most affected.

It will be seen that Tak Ku Ling and Sha Tau Kok suffered most.

Kowloon Canton Railway:—During the year, 840 employees were treated at the Government Dispensary, compared with 464 last year. This increase is, I believe, due rather to greater confidence in Western treatment than to any increase of sickness among the Chinese employees.

The usual annual examination of the eyesight of men employed in the Traffic Department, was carried out.

There was no cases of defective vision or colour blindness. Three fatal accidents occurred during the year, one due to attempting to board a train in motion, and the others from falling or jumping from the train. The Railway Brigade of St. John's ambulance Association, under the direction of Mr. Winyard has proved itself most efficient. There are now 29 members, all recruited from the Traffic Department.

A First Aid Box is kept at each Station and also one on each train so that expert attendance and suitable dressing are available in cases of accident.

The Bok Oi Hospital, Un Long.—The Dresser in charge treated 1235 cases as compared with 2,195 last year.

The Kwong Wah Hospital.—The visiting Medical Officers were Dr. W. B. A. Moore and Mrs. A. D. Hickling, M.B.E. The Chinese Medical Officers were K. W. Ip, M.B., B.S. and H. K. Li M.B., B.S.

An epitome of the statistics is given here and a list of the diseases treated is summarised in the appendix :—

	1923.	1924.
Cases remaining at the end of last year	218	228
Admissions.....	6141	6460
Number of males	3704	4657
Number of females	2437	1803
Total number treated	6359	6688
Deaths	1594	1716
Remaining at the end of the year	228	167
Percentage under Chinese treatment	39%	27%
" " Western " 	61%	72.1%
Deaths (Chinese treatment), (172 Moribund) ..	655	658
" (Western "), (400 ") ..	939	1058
Bodies brought to Hospital Mortuary.....	501	510
" sent to Public Mortuary	312	235
Free burials	2561	3023
Number of out patients,	68179	79891
Under Chinese treatment....	64.2%	60.4%
" Western " 	35.8%	39.6%
Confinements.....	1076	1160
Casualty cases	602	601
Operations under general anaesthesia.....	192	240

Table showing season incidence of Malaria at Police Station in Kowloon and New Territories.

Name of Stations	1924												Total				
	Europeans	Indians	Chinese	Total	January	February	March	April	May	June	July	August		September	October	November	December
Water Police ...	42	13	242	297	12	5	7	5	8	4	10	10	8	2	3	1	75
Mongkok.....	3	...	23	26	...	...	3	2	5	3	1	3	4	...	...	1	22
Yaumati.....	13	20	40	73	4	3	2	3	2	2	8	8	7	3	4	6	52
Sham Shui Po..	5	13	13	31	1	...	...	...	1	...	...	...	...	1	...	...	3
Hungthom.....	4	10	20	34	1	1	...	...	2	...	...	...	4	...	...	...	8
Kowloon City...	1	14	14	29	...	4	3	10	4	20	10	34	8	9	6	9	116
Tsun Wan.....	1	...	10	11	2	4	1	...	...	...	...	...	...	...	...	...	...
Tai O.....	2	8	11	21	...	...	2	...	11	83	10	16	6	5	1	...	2
Tai Po.....	1	...	22	23	8	2	2	...	...	...	...	...	...	...	...	...	86
Sheung Shui & Ta Ku Ling..	1	...	16	17	27	19	1	9	16	21	22	35	39	19	13	5	226
Sba Tin.....	1	...	9	10	...	...	...	1	...	6	7	17	16	6	1	7	61
Sba Tau Kok...	1	...	15	16	40	7	5	2	5	28	11	35	31	6	11	6	187
Lok Ma Chau...	3	...	21	24	...	...	...	1	3	1	3	6	2	3	1	2	22
An Tau.....	1	...	14	15	4	6	3	2	2	8	11	10	6	7	5	1	65
Ping Shan.....	1	...	14	15	3	...	1	...	8	10	15	8	14	7	10	16	92
Castle Peak....	...	...	11	11	...	...	...	...	6	6	5	10	9	3	6	5	50
Cheung Chau...	1	8	2	11	...	...	...	...	...	1	...	...	...	2	1	1	5
Sai Kung.....	1	...	10	11	11	5	4	1	3	2	4	11	5	...	...	2	48
Total ...	82	86	507	675	113	52	32	36	76	120	117	204	159	73	70	69	1,121

The Public Mortuary, Kowloon :—

Male bodies examined.....	1,654
Females bodies examined	944
Bodies of unknown sex	19
	2,617

The nationalities respresented were :—

Europeans	4
Indians.....	6
Portuguese	6
Chinese	2,579
Japanese	2
Philipino	1
	2,598

<i>Epitome of causes of death.</i>	1924	1923
Diseases caused by infection.....	767	542
" of the nervous system.....	5	5
" " circulatory system ...	23	16
" " respiratory system ...	716	746
" " digestive system	402	282
Disorders of unnutrition	113	91
Diseases of the female organs	150	121
" " Urinary organs	25	16
General injuries.....	62	54
Local injuries.....	349	352
	2,617	2,225

Source of the bodies :—

From the harbour	290
From land	2,327
	2,617

37,583 rats were examined none being found to be infected with plague.

VII.—REPORT ON TUNG WAH HOSPITAL, VICTORIA.

No change has been made in the staff, buildings or routine of the work.

The visiting Medical Officer was Dr. C. W. McKenny. The resident staff were G. H. Thomas, M.D., B.S., Fok Wing Tai, M.B., B.S., and Chiu Chu San, M.B., B.S., in addition Dr. Alice Hickling visited for part of the year and supervised in particular the maternity side of the hospital.

The building and equipment were well maintained but no new works were instituted during the period under review.

The attached figures give a brief comparative statement of the work done :—

	1924	1923
Patients remaining in hospital from 1923 ...	521	336
Admissions,	9,419	10,142
Total Number of in-patients treated	9,940	10,478
Deaths	2,195	2,141
Remaining in hospital at end of 1924... ..	420	521
Under native treatment	4,548	4,823
Under western treatment	5,392	5,655
Males,	6,685	7,415
Females	2,734	2,727
Bodies brought to Hospital Mortuary... ..	1,602	1,646
Bodies sent to the Public Mortuary,	663	923
Out-patient visits—(native treatment)	149,596	124,120
Out-patient visits—(Western treatment)	48,140	42,302
Out-patient visits—(Eye „)	3,184	4,436
Vaccinations	923	8,828
Confinements... ..	1,071	1,091
Operations, general	366	357
Operations, eye	187	113
Free Burials	5,564	5,580
Destitutes sheltered	945	1,009

The reduction in patients treated (538) is to a large extent accounted for by the fact that the hospital authorities very wisely determined to refuse admission to patients who were suffering much more from destitution and general debility than any recognized disease but decided that the cause of charity was more benefitted by sending such patients to their homes at the expenses of the hospital rather than by crowding wards already filled by really sick persons.

INFECTIOUS DISEASES.

	1924	1923	1922	1921	1920
Chicken pox	1	3	2	0	0
Diphtheria	5	12	8	9	6
Enteric Group... ..	43	36	48	15	7
Measles	8	13	19	13	13
Mumps	3	2	0	1	0
Plagues	0	17	464	80	72
Cerebro-spinal Meningitis	30	24	22	74	61

A reference to this table may be of considerable interest as an indication of the actual prevalence of such diseases or in some cases of the hospital admissions of such diseases—not necessarily synonymous terms :—

In the case of Plague and Cerebro-spinal meningitis I have good reasons for believing that the figures are of real value in estimating the prevalence of those diseases :—

With diphtheria, measles and mumps there are many indications which would strongly suggest that deductions drawn from the figures given would be quite erroneous.

Chicken pox and the Enteric Group are rather doubtful in value but on the whole enquiries from private practitioners and examination of other hospital returns would suggest that the number given are fairly representative.

The total absence of Scarlet fever is undoubtedly accurate and it is fair to assume almost if not quite complete immunity for Cantonese from this malady.

The fact that European patients suffer from Scarlet fever in Hongkong suggest racial rather than regional immunity.

Beri-beri and Tuberculosis.—These two diseases hold unfalteringly their evil pre-eminence as the great agents of death and destitution.

Our figures are respectively 848 with 313 deaths and 993 with 386 deaths.

These two diseases represent 18% of our admissions but 31% of our deaths.

Encephalitis lethargica.—3 cases were admitted. These cases had been under treatment in the Civil Hospital and were transferred from the Medical Clinic in that institution.

Remarks on other diseases.

Opium habit.—486 admissions took place with 196 deaths. The average for the previous five years was 166.

The diagnosis of chronic opium poisoning can rarely be exact as opium habit may and is frequently associated with some other disease and consequently the value of statistics is questionable but so great a difference points to an increase even if the difference be less than the figures imply.

Lead poisoning.—Two cases are recorded for the year and in 1923 one case was noted.

In the previous four years no case was admitted. I am unable to account for this curious absence of poisoning amid circumstance which would ordinarily cause plumbism to appear.

Venereal Diseases.—The result for the past four years are:—

	<i>Syphilis.</i>	<i>Gonorrhoea.</i>
1924... ..	421	58
1923... ..	585	78
1922... ..	351	61
1921... ..	255	42

It was pointed out last year that there had been a steady increase in Venereal Diseases' admissions but this year's figures do not bear this out. I am unable to give any explanation of it but it would be more than rash to deduce real reduction from the figures. The returns for congenital syphilis is 6 and this is the highest for the past 5 years.

This almost extraordinary figure is curiously enough almost representative.

The various congenital lesions so commonly seen in European hospitals are of rare occurrence in Hongkong hospitals.

Dental and osseous congenital lesions are almost unknown.

Research in this matter might be of considerable importance. It is also generally true that *Tabes Dorsalis* and *General Paralysis of the Insane* are rarer in proportion to the number of cases of acquired syphilis than one would expect but vascular lesions involving the central nervous system are of such frequency as would be expected.

Remarks on some of the rarer diseases.—Tetanus 19 cases, of which 18 proved fatal, occurred. The average admissions for the previous 5 years was 11.

Owing to the gravity of the symptoms it is probable that a great majority of persons suffering from tetanus would be brought to hospital and consequently we may assume that this figure is representative of the incidence. If one consider the enormous number of wounds received by natives who walk bare footed it may be concluded that the soil is not highly infected with *B. Tetani*—possibly due to the small number of horses present.

Epilepsy.—Only two cases were admitted and this is about the average number of admissions.

It is noteworthy that epileptic imbeciles are fairly frequently met with in the Lunatic Asylum but that epileptics with no obvious mental disorder are rare. One feels tempted to connect this with the undoubted absence of acute Rheumatism among the Cantonese although some of the more modern psycho-pathic etiologies would also be applicable.

Appendicitis.—(Catarrhal and abscess). 11 cases with 3 deaths are recorded. This is rather more than the average number of cases admitted but is a surprisingly small number when compared with the returns of a hospital of similar size treating only European patients, while admittedly the “popularity” of appendix diagnoses among Europeans tends to swell the number of such cases. I believe research in the Public Mortuary (Hongkong) tends to strengthen the belief that the Chinese appendix is rather less vulnerable than the European. The fact that Chinese diet is quite different from European and (or possible consequently) constipation is rare seem to have a causal relationship.

The Endocrinologist will doubtless suggest thymic differences.

Hernia.—16 admissions were noted. Again it must appear that there is a racial reason for this small number and as it is generally admitted that the vast majority of herniae are due to congenital defects we are forced to conclude that these defects do not take place among the Chinese (or at least the Cantonese) in the same proportion as is met with among Europeans.

The Eye Department.—Dr. Harston was in charge during the year and 3,184 patients attended and 187 operations were performed.

The Maternity Department.—This year was again quite successful 1,071 cases being treated as against 1,091 in 1923.

Operations performed.—366 operations were performed under general anaesthesia.

The University Medical Clinic was in the care of Dr. C. W. McKenny. No particular variation was made from the methods of teaching in use in former years.

The Branch of the Tung Wa Hospital which is situated at Kennedy Town and is used as a hospital for small-pox cases received 147 patients suffering from this disease and 76 of these died. 1 patient remained at the end of the year.

The Board of Directors have most fittingly up-held those high traditions which are now so intimately associated with the gentlemen who are honoured by becoming members of it.

VIII.—THE CHINESE MIDWIVES.

Seven midwives were employed as in previous years, and six pupils were being trained in midwifery at the expense of Government.

Number of Confinements attended by Government Midwives at the different stations in 1924.

1924.	Shankwan.	Yaumati.	Tai Po	Yun Long.	Tsun Wan.	Cheung Chau.	Total.
January	25	24	4	8	4	19	84
February	36	17	7	2	2	15	79
March	27	20	6	7	4	7	71
April	21	14	4	2	...	5	46
May	18	22	3	6	6	7	62
June	22	17	5	6	5	5	60
July.....	38	23	5	7	3	10	86
August	23	17	7	4	...	17	68
September	25	19	4	5	3	17	73
October	30	22	9	10	3	13	87
November	39	17	...	2	1	11	70
December	29	24	13	...	2	15	83
Total	333	236	67	59	33	141	869

The Matilda Hospital.

The number of patients remaining at the end of 1923 was 17
 The number admitted during 1924 was... .. 246
 The number of deaths was 5

The Ho Miu Ling Hospital.

The number of patients at the end of 1923 was 32
 The number of patients admitted during 1924 was ... 495
 The number of deaths was 27

The Nethersole Hospital.

The number of patients remaining at the end of 1923 was 37
 The number of patients admitted during 1924 was ... 616
 The number of deaths was 37

The Alice Memorial Hospital.

The number of patients remaining at the end of 1923 was 11
 The number of patients admitted during 1924 was ... 513
 The number of deaths was 2

J. B. ADDISON,
Principal Civil Medical Officer.

A Statement showing the number of cases of Syphilis and Gonorrhoea reported from certain Hospitals and Institutions during the last ten years :—

	Civil Hospital.	Gaol Hospital.	Kowloon Dispensary.	Tung Wa Hospital.	Victoria Mortuary.	Kowloon Mortuary.	Total.
1915.	Syphilis. 78	4	290	104	234	6	716
	Gonorrhoea. 53	2	230	36	—	—	421
1916.	Syphilis. 105	2	222	139	296	5	769
	Gonorrhoea. 46	1	284	21	—	—	352
1917.	Syphilis. 133	3	190	117	251	2	696
	Gonorrhoea. 56	2	353	38	—	—	449
1918.	Syphilis. 89	6	252	108	357	4	816
	Gonorrhoea. 66	—	202	48	—	—	316
1919.	Syphilis. 125	8	216	74	119	5	547
	Gonorrhoea. 125	—	260	18	—	—	403
1920.	Syphilis. 148	10	205	161	317	9	850
	Gonorrhoea. 184	2	249	29	—	—	464
1921.	Syphilis. 181	53	221	249	152	14	718
	Gonorrhoea. 140	121	160	42	—	—	463
1922.	Syphilis. 182	7	264	351	54	29	887
	Gonorrhoea. 140	9	215	61	—	—	425
1923.	Syphilis. 183	6	353	587	65	70	1264
	Gonorrhoea. 133	2	96	72	—	—	303
1924.	Syphilis. 171	1	517	472	99	113	1328
	Gonorrhoea. 125	5	138	58	—	—	326

BACTERIOLOGICAL INSTITUTE.

REPORT FOR THE YEAR 1924.

By E. P. MINETT, M.D., D.P.H., D.T.M. & H., L.R.C.P.,
M.R.C.S. GOVERNMENT BACTERIOLOGIST.

1.—PREPARATION OF CALF LYMPH.

The preparation of fresh calf lymph has been maintained during the cooler months of the year.

The number of calves used for vaccination was 81. The number of tubes of lymph issued during the year was 19,922.

The quantity of lymph in stock on December 31st. was 5,206 c.c. calculated to be sufficient for the vaccination of 156,180 persons.

The value of lymph issued as per Government Notification No. 380 of 1910, was \$6,489.50

The above figures show a considerable falling off compared with the figures for 1923 owing to the absence of any epidemic of small-pox.

The average yield of crude lymph per calf was 20 grams after preparation this represents 100 grams of glycerinated lymph per calf.

2.—PREPARATION OF ANTI MENINGOCOCCUS SERUM.

During the year 2,840 c.c. were issued, the present amount of serum in stock and ready for issue is 110 litres.

Frequent control tests were carried out to test the sterility and agglutinating power of the serum.

3.—PREPARATION OF CONTAGIOUS ABORTION VACCINE.

Three new strains imported from the United Kingdom and two new strains isolated locally were added to the vaccine at present being supplied regularly to the Dairy Farm.

The amount of vaccine issued was approximately the same as last year.

4.—MILK ANALYSES.

The number of samples of milk examined for the presence of B. Tuberculosis was 29 all being negative.

A Bacteriological Analysis is now carried out weekly on samples of the milk supplied by the Dairy Farm to estimate its B. Coli Content.

5.--ANTI RABIC WORK.

The strains of fixed virus have been maintained during the year by regular passage through rabbits, and a sufficient supply of material is always kept in stock to treat twenty-four persons at any one time.

The number of patients treated was 55 as against 26 patients treated in 1923.

Twenty five dogs' brains were examined for the presence of rabies, seven of these were positive, a slight increase over last year when of sixteen brains examined, five showed the presence of negri bodies.

6.—CLINICAL EXAMINATIONS.

The number of examinations of various materials for diagnostic purposes carried out during the year was 7,438. The materials dealt with are given in detail in table I attached.

These examinations are carried out on specimen sent to the Institute from the various Government Institutions and also from private medical practitioners.

7.—RIDEAL WALKER TEST FOR DISINFECTANTS.

Three examinations were made during the year on disinfectants supplied by Government Contractors.

8.—ANTI PLAGUE WORK.

A naked eye inspection is made daily of all rats sent to the Mortuary, 89,822 rats were inspected at the Victoria Mortuary during the year under review.

The number of microscopic examination made was 3618.

No cases of plague infected rats were detected during the year.

9.—BACTERIOLOGICAL ANALYSES OF WATER SAMPLES.

The number of samples examined was 469, of these 460 were from water supplies in the Colony and nine were received from places abroad.

The water supplied from the eleven filter beds in the Colony was examined regularly.

The results are given in tables II to XII, the standard aimed at being of the same hygienic value as last year.

10.—STOCK VACCINES.

The following doses of stock vaccines have been issued:—

T. A. B. (Antityphoid) vaccine	869	doses
Anti Cholera vaccine	545	„
Anti Plague vaccine	390	„
Pelyvalent Anti Meningococcus vaccine	390	„

11.—AUTEGENOUS VACCINES.

The use of these vaccines continues to increase in popularity with the members of the profession.

Number of doses issued to Government Hospitals was 400.
Number prepared for private medical practitioners was 300.

12.—POST-MORTEM EXAMINATIONS AT THE VICTORIA MORTUARY.

These are shown in detail as a separate report, see Appendix O attached.

The total number post mortem examination made during the year was 4,022.

13.—MEDICO LEGAL WORK.

Special autopsies were made for medico legal purposes and the necessary evidence given in 72 cases.

The number of articles specially examined and reported upon for blood, spermatozoa &c. was 48.

The necessary expert medical evidence required in the Supreme Court, Magistrate's and Coroner's Courts was given by the Government Bacteriologist.

Table I.

Nature of Examination.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Special Investigations.	Total for 1924.	Total for 1923.
Widal.	26	32	26	19	28	24	85	97	56	57	35	32	...	517	486
{ With B. Typhosus,	26	32	26	19	28	24	85	97	56	57	35	32	...	517	486
{ " B. Paratyphosus A.,...	26	32	26	19	28	24	85	97	56	57	35	32	...	517	486
{ " " B.....	29	19	39	65	35	43	44	31	48	37	49	57	...	496	390
Wassermann reaction,	64	25	19	28	44	55	104	70	73	64	68	36	...	650	1,033
Malaria Parasites, .....	...	...	...	...	...	...	...	...	1	1	1	...	...	3	3
Filaria,	1	1	...	...	2	1	2	2	1	...	2	5	...	17	57
Blood counts, etc.,	36	23	12	20	36	20	30	16	14	12	34	52	...	305	257
Bacillus Diphtheriae,	4	3	9	6	11	5	1	...	...	1	2	3	...	45	31
Meningococcus, .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Typhosus, Paratyphosus,	...	1	...	...	...	1	2	2	1	...	2	2	...	11	42
{ Cholera, etc.,	11	12	11	18	18	20	15	26	26	20	23	20	...	220	191
{ Helminth ova,	24	24	17	18	18	17	11	18	8	2	4	9	...	168	159
{ Amæbæ of Dysentery,	2	3	5	4	...	1	...	...	2	...	1	1	...	19	96
Tissues for Section,	25	16	21	20	34	24	21	31	21	17	41	20	...	291	345
Sputa, .....	...	1	2	...	...	...	1	1	...	2	...	1	...	8	43
Pus,	11	4	4	2	4	7	2	6	7	11	5	1	...	64	113
Urine,	300	272	310	310	296	289	296	310	310	310	284	331	...	3,618	2,643
Rat Smears for B. Pestis, ...	...	...	...	...	...	1	2	3	4	2	3	10	...	25	16
Animals for Rabies, .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Materials for medico legal purposes, .....	...	...	...	...	2	8	3	...	14	4	10	7	...	48	18
Weil Felix Reaction for Typhus fever,	1	1	...	...	...	...	1	...	...	...	...	...	...	3	2
Bacteriological Analyses of Water,	36	36	36	37	36	...	46	36	40	51	58	57	...	469	336
Bacteriological Examination of Milk, .....	...	...	...	...	9	...	2	2	4	3	4	5	...	29	15
Autogeneous vaccines prepared,	2	1	1	2	4	2	3	5	5	3	7	6	...	41	48
Miscellaneous,	13	4	28	23	27	28	20	29	27	49	28	26	...	297	252
Total,	635	542	587	610	660	594	861	879	774	760	731	746	...	8,378	7,548

Table II.

The Examination (post-mortem) of Rats.

Month.	Total.	Male.	Female.	Plague-infected.	Pregnant.	Newly born and not classified.
January	5,589	2,667	2,743	...	427	179
February	5,066	2,431	2,420	...	355	215
March	7,625	3,196	4,149	...	440	280
April	7,123	3,350	3,469	...	515	304
May	7,616	3,641	3,594	...	343	381
June	7,609	3,547	3,636	...	402	426
July	8,113	3,748	3,919	...	467	446
August	7,954	3,684	3,841	...	380	429
September	7,678	3,636	3,637	...	418	405
October	8,586	4,047	4,166	...	440	373
November	8,440	3,965	4,074	...	370	401
December	8,423	4,056	4,024	...	362	343
Total	89,822	41,968	43,672	...	4,919	4,182

Table II.

BACTERIOLOGICAL ANALYSES OF BOWEN ROAD WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
22-1-24.	Unfiltered water	+ 2.5	Raw water.
do.	Filtered do.	+ 2.5	Below standard.
do.	Tap water, Seamen's		
do.	Institute	+ 3.3	Do.
do.	Tap water, Wan Chai		
do.	Police Station.....	- 50	Excellent.
13-2-24.	Unfiltered water	+ 1.3	Raw water.
do.	Filtered do.	+ 10	Below standard.
do.	Tap water, Seamen's		
do.	Institute	- 50	Excellent.
do.	Tap water, Wan Chai		
do.	Police Station.....	- 50	Do.
17-3-24.	Unfiltered water	+ 1.3	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Street fountain, Wing		
do.	Fung Street	- 50	Do.
do.	Tap, Seamen's Institute..	- 50	Do.
9-4-24.	Unfiltered water	+ 1.4	Raw water.
do.	Filtered do.	+ 17	Up to standard.
do.	Tap water, No. 2 Police		
do.	Station	- 50	Excellent.
do.	Tap water, Seamen's		
do.	Institute	- 50	Do.
7-5-24.	Unfiltered water	+ 3	Raw water.
do.	Filtered do.	+ 12.3	Up to standard.
do.	Street fountain, Wing		
do.	Fung Street	+ 50	Very good.
do.	Tap water, Seamen's		
do.	Institute	- 50	Excellent.
9-7-24.	Unfiltered water No. 3		
do.	Bed	+ 0.6	Raw water.
do.	Filtered water No. 3 Bed	- 50	Excellent.
do.	Street fountain, Wing		
do.	Fung Street	+ 0.6	Unsatisfactory.
do.	Tap, Seamen's Institute	+ 0.6	Do.
13-8-24.	Unfiltered water No. 1		
do.	Bed	+ 1	Raw water.
do.	Filtered water No. 1 Bed	+ 8	Below standard.
do.	Tap, Dispensary, Military		
do.	Hospital	+ 17	Up to standard.
do.	Tap, Kitchen Wing Fung		
do.	Street W.	- 50	Excellent.
do.	Tap, Seamen's Institute	- 50	Do.

Table II.—*Continued.*

BACTERIOLOGICAL ANALYSES OF BOWEN ROAD WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
3-9-24.	Filtered water No. 2 Bed before Chlorination ...	+ 1.1	Unsatisfactory.
do.	Tap in pantry, Kyeemville N.Y.K. Mess, Bowen Road	+ 10	Below standard.
do.	Tap Kitchen Seamen's Institute	— 50	Excellent.
1-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 2	Unsatisfactory.
do.	Magazine Gap Road Reservoir.....	— 50	Excellent.
do.	Tap, Seamen's Institute	— 50	Do.
5-11-24.	Unfiltered water No. 1 Bed	+ 1.1	Raw water.
do.	Filtered water No. 1 Bed	— 50	Excellent.
do.	Tap, No. 15 Bowen Road	— 50	Do.
do.	Tap, Seamen's Institute	— 50	Do.
3-12-24.	Unfiltered water	+ 1.2	Raw water.
do.	Filtered do.	+ 7	Below standard.
do.	Street fountain, Wing Fung Street	— 50	Excellent.
do.	Tap, Seamen's Institute	— 50	Do.

Table III.

BACTERIOLOGICAL ANALYSES OF LAI CHI KOK WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
15-1-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 2	Below Standard.
do.	Tap water, Servant Quarters	+ 2	Do.
do.	Tap, Servant's Quarter Standard Oil Co.	+ 5	Do.
18-2-24.	Unfiltered water	+ 1.2	Raw water.
do.	Filtered do.	+ 4	Unsatisfactory.
do.	Tap, Servants' Quarters, water works	- 50	Excellent.
do.	Tap, Servants' Quarters, Standard Oil Co.	- 50	Do.
10-3-24.	Unfiltered water	+ 1.4	Raw water.
do.	Filtered do.	+ 16	Above standard
do.	Tap, Servants' Quarters, filter beds.	- 50	Excellent.
do.	Tap, Coolies' Quarters, Standard Oil Co.	- 50	Do.
14-4-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 2	Unsatisfactory.
do.	Tap, Servants' Quarters, water works	- 50	Excellent.
do.	Tap, Coolies' Quarters Standard Oil Co.	- 50	Do.
12-5-24.	Unfiltered water	+ 1.12	Raw water.
do.	Filtered do.	+ 7	Below standard.
do.	Tap, Coolies' Quarters, filter bed	- 50	Excellent.
do.	Tap, Coolies' Quarters, Standard Oil Co.	- 50	Do.
18-7-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1	Unsatisfactory.
do.	Tap, Servants' Quarters .	+ 1	Do.
do.	Tap, Dairy Farm Co. ...	+ 1	Do.
20-8-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do,	- 50	Excellent.
do.	Tap, Servants' Quarters.	- 50	Do.
do.	Tap, Standard Oil Co. ...	- 50	Do.

Lable III.—Continued.

BACTERIOLOGICAL ANALYSES OF LAI CHI KOK WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
17-9-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 10	Not up to standard.
do.	Tap, Coolies' Quarters, Standard Oil Co.	— 50	Excellent.
do.	Tap, Kitchen, servants quarters, filter bed ...	— 50	Do.
15-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap, Servants' Quarters.	— 50	Do.
do.	Tap, Coolies Quarters, Standard Oil Co.	— 50	Do.
19-11-24.	Unfiltered water	+ 1.1	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap, Servants' Quarters.	— 50	Do.
do.	Tap, Coolies' Quarters, Standard Oil Co.	— 50	Do.
17-12-24.	Unfiltered water	+ 0.3	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap, Kitchen bed servant quarters	— 50	Excellent.
do.	Tap, Coolie Quarter, Standard Oil Co.	— 50	Do.

Table IV.

BACTERIOLOGICAL ANALYSES OF ALBANY WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
22-1-24.	Unfiltered water	+ 1.5	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap water, Hongkong Club	— 50	Do.
do.	Tap water, 27 Des Vœux Road Central	+ 50	Very good.
13-2-24.	Unfiltered water	+ 1.3	Raw water.
do.	Filtered do.	+ 10	Below standard.
do.	Tap water, Hongkong Club	— 50	Excellent.
do.	Tap water, 27 Des Vœux Road Central	— 50	Do.
17-3-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	+ 16	Above standard.
do.	Tap water, Hongkong Club	— 50	Excellent.
do.	Tap water, 27 Des Vœux Road Central	— 50	Do.
9-4-24.	Unfiltered water	+ 1.6	Raw water.
do.	Filtered do.	+ 25	Good.
do.	Tap water, Hongkong Club	— 50	Excellent.
do.	Tap water, On Lok Yuen Café	— 50	Do.
7-5-24.	Unfiltered water	— 50	Do.
do.	Filtered do.	— 50	Do.
do.	Tap water, Hongkong Club	— 50	Do.
do.	Tap water, 27 Des Vœux Road Central	— 50	Do.
9-7-24.	Unfiltered water	+ 1.8	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap water, Hongkong Club	— 50	Excellent.
do.	Tap water, Post Office Building, ground floor..	— 50	Do.
13-8-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap, Post Office Building ground floor	— 50	Excellent.

Table IV.—Continued.

BACTERIOLOGICAL ANALYSES OF ALBANY WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
3-9-24.	Unfiltered water, Grand Basin	+ 1.1	Raw water.
do.	Filtered water before Chlorination	+ 20	Up to standard.
do.	Tap, Pantry Hongkong Club	— 50	Excellent.
do.	Tap, Post Office	— 50	Do.
1-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 5	Unsatisfactory.
do.	Tap water, Hongkong Club.....	— 50	Excellent.
do.	Tap water, Post Office...	— 50	Do.
5-11-25.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 10	Not up to standard.
do.	Tap water, Hongkong Club.....	— 50	Excellent.
do.	Tap water, Post Office...	— 50	Do.
3-12-24.	Unfiltered water	+ 2.5	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap water, Hongkong Club	— 50	Do.
do.	Tap water, Post Office...	— 50	Do.

Table V.

BACTERIOLOGICAL ANALYSES OF KOWLOON WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
15-1-24	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap water, street fountain behind 605 Shanghai Street	— 50	Do.
do.	Tap water, pumping station	+ 50	Very good.
18-2-24	Unfiltered water	+ 5	Raw water.
do.	Filtered do.	+ 10	Below standard.
do.	Tap water, behind 605 Shanghai Street	+ 50	Very good.
do.	Tap water, Pumping Station, Yaumati	— 50	Excellent.
10-3-24	Unfiltered water	+ 10	Raw water.
do.	Filtered do.	+ 16	Above standard.
do.	Tap water, street fountain near 605 Shanghai Street, Yaumati	+ 50	Very good.
do.	Tap water, Pumping Station, Yaumati	— 50	Excellent.
14-4-24	Unfiltered water	+ 1.2	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap water, opp. 535 Shanghai Street	+ 50	Do.
do.	Tap water, Pumping Station, Yaumati	+ 25	Good.
12-5-24	Unfiltered water	+ 5	Raw water.
do.	Filtered do.	+ 12.5	Up to standard.
do.	Street fountain opposite 625 Shanghai Street ...	+ 50	Very good.
do.	Tap water, Pumping Station, Yaumati	+ 50	Do.
18-7-24	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 10	Below standard.
do.	Street fountain opposite 625 Shanghai Street ...	+ 10	Do.
do.	Tap, Pumping Station ...	+ 16	Up to standard.
20-8-24	Unfiltered water	+ 0.8	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Street fountain in front of No. 607 Shanghai Street	— 50	Do.
do.	Tap, Pumping Station ...	— 50	Do.

Table V.—Continued.

BACTERIOLOGICAL ANALYSES OF KOWLOON WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
17-9-24	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Street fountain opposite		
do.	607 Shanghai Street ...	+ 50	Very good.
do.	Tap, Pumping Station,		
do.	Yaumati	+ 50	Do.
15-10-24	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Street fountain opposite		
do.	625 Shanghai Street ...	— 50	Do.
do.	Tap, Pumping Station,		
do.	Yaumati	— 50	Do.
19-11-24	Unfiltered water	+ 1.5	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Street fountain opposite		
do.	657 Shanghai Street ...	— 50	Do.
do.	Tap, Pumping Station ...	— 50	Do.
17-12-24	Unfiltered water	+ 11	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Street fountain opposite		
do.	625 Shanghai Street ...	— 50	Do.
do.	Tap, Pumping Station,		
do.	Yaumati	— 50	Do.

Table VI.

BACTERIOLOGICAL ANALYSES OF ELLIOT WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
7-1-24.	Unfiltered water	+ 5	Raw water.
do.	Filtered do.	- 50	Excel'ent.
do.	Tap water, Victoria Mortuary.....	+ 25	Good.
do.	Tap water, Pumping Station	- 50	Excellent.
11-2-24.	Unfiltered water	+ 1.4	Raw water.
do.	Filtered do.	+ 16.6	Up to standard.
do.	Tap water, Pumping Station	- 50	Excellent.
do.	Tap water, Victoria Mortuary.....	- 50	Do.
5-3-24.	Unfiltered water	+ 3	Raw water.
do.	Filtered do.	+ 2	Unsatisfactory.
do.	Tap water, Pumping Station	+ 50	Very good.
do.	Tap water, Victoria Mortuary.....	- 50	Excellent.
7-4-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap water, Pumping Station	- 50	Excellent.
do.	Tap water, Victoria Mortuary.....	- 50	Do.
5-5-24.	Unfiltered water	+ 1.4	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Tap water, Pumping Station	+ 50	Very good.
do.	Tap water, Victoria Mortuary.....	+ 25	Good.
4-7-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1.6	Unsatisfactory.
do.	Tap water, Pumping Station	+ 1.6	Do.
do.	Tap water, Victoria Mortuary.....	+ 2.2	Do.
6-8-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 0.5	Unsatisfactory.
do.	Tap water, Pumping Station	- 50	Excellent.
do.	Tap water, Victoria Mortuary.....	- 50	Do.

Table VI.—Continued.

BACTERIOLOGICAL ANALYSES OF ELLIOT WATER SAMPLES.

Date.	Description of samples.	Pollution Index as C.C.	Remarks.
10-9-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap water, Pumping Station	— 50	Do.
do.	Tap water, Victoria Mortuary	— 50	Do.
8-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 3	Unsatisfactory.
do.	Tap water, Pumping Station	— 50	Excellent.
do.	Tap water, Victoria Mortuary	— 50	Do.
12-11-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 16.6	Up to standard.
do.	Tap water, Pumping Station	— 50	Excellent.
do.	Tap water, Victoria Mortuary	— 50	Do.
10-12-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap water, Pumping Station	— 50	Excellent.
do.	Tap water, Victoria Mortuary	— 50	Do.

Table VII.

BACTERIOLOGICAL ANALYSES OF ABERDEEN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
7-1-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	+ 5	Below standard.
do.	Tap, Aberdeen Police		
do.	Station	+ 10	Do.
do.	Street fountain, near		
do.	Engine House.....	+ 5	Do.
11-2-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1.2	Unsatisfactory.
do.	Tap, Aberdeen Police		
do.	Station	+ 25	Good.
do.	Street fountain, near		
do.	Engine House.....	- 50	Excellent.
5-3-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 3.3	Unsatisfactory.
do.	Tap, Aberdeen Police		
do.	Station	+ 2	Do.
do.	Street fountain, near		
do.	Engine House.....	+ 2	Do.
7-4-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Tap, Aberdeen Police		
do.	Station	+ 50	Very good.
do.	Street fountain, near		
do.	Engine House.....	+ 25	Good.
5-5-24.	Unfiltered water	+ 1.4	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Tap, Aberdeen Police		
do.	Station	+ 50	Do.
do.	Street fountain, near		
do.	Engine House.....	+ 50	Do.
4-7-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 2	Unsatisfactory.
do.	Tap, fountain near		
do.	Engine House.....	+ 1.7	Do.
do.	Tap, Aberdeen Police		
do.	Station.....	+ 1.6	Do.
6-8-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 0.6	Unsatisfactory.
do.	Tap, Aberdeen Police		
do.	Station	- 50	Excellent.
do.	Street fountain, near		
do.	Engine House.....	- 50	Do.

Table VII.—Continued.

BACTERIOLOGICAL ANALYSES OF ABERDEEN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C. <i>e</i>	Remarks.
10-9-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 3.3	Unsatisfactory.
do.	Tap, Aberdeen Police Station.....	— 50	Excellent.
do.	Street fountain, near Engine House.....	— 50	Do.
8-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1	Unsatisfactory.
do.	Tap, Aberdeen Police Station	— 50	Excellent.
do.	Street fountain, near Engine House.....	— 50	Do.
12-11-24.	Unfiltered water	+ 1.1	Raw water.
do.	Filtered do.	+ 12.5	Up to standard.
do.	Tap, Aberdeen Police Station	— 50	Excellent.
do.	Street fountain, near Engine House.....	— 50	Do.
10-12-24.	Unfiltered water	+ 0.5	Raw water.
do.	Filtered do.	— 50	Excellent.
do.	Tap, Aberdeen Police Station	— 50	Do.
do.	Street fountain, near Engine House.....	— 50	Do.

Table VIII.

BACTERIOLOGICAL ANALYSES OF POKFULUM WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
7-1-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 5	Below standard.
do.	Tap water, 6B Robinson Road	+ 50	Very good.
do.	Tap water, 35 Robinson Road	+ 25	Good.
11-2-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 12.5	Up to standard.
do.	Tap water, 6B Robinson Road	+ 50	Very good.
do.	Tap water, 35 Robinson Road	+ 50	Do.
5-3-24.	Unfiltered water	+ 1.2	Raw water.
do.	Filtered do.	+ 25	Good.
do.	Tap water, 6B Robinson Road	- 50	Excellent.
do.	Tap water, 35 Robinson Road	- 50	Do.
7-4-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 12	Up to standard.
do.	Tap water, 6B Bonham Road	- 50	Excellent.
do.	Tap water, 35 Robinson Road	+ 50	Very good.
5-5-24.	Unfiltered water	+ 1.6	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Tap water, 6B Bonham Road	- 50	Do.
do.	Tap water, 35 Robinson Road	+ 25	Good.
4-7-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1.2	Unsatisfactory.
do.	Tap water, 6B Bonham Road	+ 2.2	Do.
do.	Tap water, 35 Robinson Road	+ 2	Do.
6-8-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 8	Below standard.
do.	Tap water, 6A Robinson Road	- 50	Excellent.
do.	Tap water, 35 Robinson Road	- 50	Do.

Table VIII.—Continued.

BACTERIOLOGICAL ANALYSES OF POKFULUM WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
10-9-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 10	Not up to standard.
do.	Tap water, P.W.D. Workshed Caine Road..	— 50	Excellent.
do.	Tap water, 35 Robinson Road	— 50	Do.
8-10-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 5	Not up to standard.
do.	Tap water, P.W.D. Workshed Caine Road..	— 50	Excellent.
do.	Tap water, 6B Bonham Road	+ 10	Not up to standard.
12-11-24.	Unfiltered water	+ 1.1	Raw water.
do.	Filtered do.	+ 5	Below standard.
do.	Tap water, 6B Bonham Road	— 50	Excellent.
do.	Tap water, Tar Macadam Depot, Caine Road.....	— 50	Do.
10-12-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 12.5	Up to standard.
do.	Tap, Macadam Depot, Caine Road.....	— 50	Excellent.
do.	Tap, 6A Bonham Road	— 50	Do.

Table IX.

BACTERIOLOGICAL ANALYSES OF SHAUKIWAN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
29-1-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	+ 20	Good.
do.	Tap water, street fountain opposite 30 Main Street	- 50	Excellent.
do.	Tap water, street fountain opposite 9 Main Street..	- 50	Do.
20-2-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 2	Unsatisfactory.
do.	Tap water, opposite 30 Main Street	- 50	Excellent.
do.	Tap water, opposite 9 Main Street.....	- 50	Do.
12-3-24.	Unfiltered water	+ 10	Raw water.
do.	Filtered do.	+ 3.3	Unsatisfactory.
do.	Tap water, street fountain opposite 30 Main Street	- 50	Excellent.
do.	Tap water, street fountain opposite 9 Main Street..	- 50	Do.
23-4-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	+ 3.3	Unsatisfactory.
do.	Tap water, street fountain opposite 30 Main Street	- 50	Excellent.
do.	Tap water, street fountain opposite 9 Main Street..	- 50	Do.
14-5-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 1	Unsatisfactory.
do.	Street fountain opposite 30 Main Street	- 50	Excellent.
do.	Street fountain opposite 9 Main Street.....	- 50	Do.
23-7-24:	Unfiltered water	+ 0.8	Raw water.
do.	Filtered do.	+ 0.7	Unsatisfactory.
do.	Street fountain opposite 30 Main Street	- 50	Excellent.
do.	Street fountain near 21 Main Street.....	- 50	Do.
27-8-24.	Unfiltered water	+ 0.5	Raw water.
do.	Filtered water No. 1 Bed.	+ 0.5	Unsatisfactory.
do.	Street fountain opposite 30 Main Street	- 50	Excellent.
do.	Street fountain near 21 Main Street	- 50	Do.

Table IX.—Continued.

BACTERIOLOGICAL ANALYSES OF SHAUKIWAN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
24-9-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	+ 2.5	Unsatisfactory.
do.	Street fountain near 30 Main Street	— 50	Excellent.
do.	Street fountain near 21 Main Street	— 50	Do.
22-10-24.	Unfiltered water	+ 1.6	Raw water.
do.	Filtered do.	+ 3.3	Unsatisfactory.
do.	Street fountain near 30 Main Street.....	— 50	Excellent.
do.	Street fountain opposite 9 Main Street.....	— 50	Do.
20-11-14.	* Unfiltered water	— 50	Do.
do.	Filtered water	— 50	Do.
do.	Street fountain No. 30 Main Street.....	— 50	Do.
do.	Street fountain near 21 Main Street.....	— 50	Do.
24-12-24.	Unfiltered water	+ 4	Raw water.
do.	Filtered do. ....	.....	Not examined, chlorinated before filtration.
do.	Street fountain opposite 58 Main Street	— 50	Excellent.
do.	Street fountain opposite 101 Main Street.....	— 50	Do.

* Chlorinated before filtration.

Table X.

BACTERIOLOGICAL ANALYSES OF CHAI WAN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
29-1-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do	+ 5	Below standard.
do.	Tap water, street fountain opposite Shaukiwan Market	+ 5	Do.
do.	Tap water, street fountain opposite 139 Main Street	+ 2	Do.
30-2-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do	+ 5	Below standard.
do.	Tap water, opposite Shaukiwan Market.....	- 50	Excellent.
do.	Tap water, opposite 137 Main Street.....	- 50	Do.
12-3-24.	Unfiltered water	+ 2	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Tap water, street fountain opposite S. K. W. Market.....	- 50	Do.
do.	Tap water, street fountain opposite 94 Main Street	- 50	Do.
23-4-24.	Unfiltered water	+ 1.6	Raw water.
do.	Filtered do.	+ 1.6	Unsatisfactory.
do.	Tap water, opposite 120 Main Street.....	- 50	Excellent.
do.	Tap water, opposite 94 Main Street.....	- 50	Do.
14-5-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 50	Very good.
do.	Street fountain opposite Shaukiwan Market.....	- 50	Excellent.
do.	Street fountain opposite 13 Main Street	- 50	Do.
23-7-24.	Unfiltered water	+ 0.9	Raw water.
do.	Filtered do.	- 50	Excellent.
do.	Street fountain opposite Shaukiwan Market.....	- 50	Do.
do.	Street fountain opposite 119 Main Street.....	- 50	Do.

Table X.

BACTERIOLOGICAL ANALYSES OF CHAI WAN WATER SAMPLES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
27-8-24.	Unfiltered water	+ 0.3	Raw water.
do.	Filtered water No 1 Bed.	+ 0.2	Unsatisfactory.
do.	Street fountain opposite Shaukiwan Market.....	- 50	Excellent.
do.	Street fountain opposite 119 Main Street	- 50	Do.
24-9-24.	Unfiltered water	+ 1	Raw water.
do.	Filtered do.	+ 16.6	Up to standard.
do.	Street fountain opposite Market	- 50	Excellent.
do.	Street fountain opposite 139 Main Street	- 50	Do.
22-10-24.	Unfiltered water	+ 1.2	Raw water.
do.	Filtered do.	+ 5	Below standard.
do.	Street fountain opposite Shaukiwan Market.....	- 50	Excellent.
do.	Street fountain opposite 94 Main Street	- 50	Do.
26-11-24.	* Unfiltered water	- 50	Do.
do.	Filtered do.	- 50	Do.
do.	Street fountain opposite Shaukiwan Market.....	- 50	Do.
do.	Street fountain opposite 119 Main Street	- 50	Do.
24-12-24.	Unfiltered water	+ 0.5	Raw water.
do.	Filtered do. ....	.....	Not examined, chlorinated before filtration
do.	Street fountain opposite Market.....	- 50	Excellent.
do.	Street fountain opposite Yuen Hing Lane	- 50	Do.

* Chlorinated before filtration.

Table XI.

**BACTERIOLOGICAL ANALYSES OF TAIKOO SUGAR REFINERY WATER
SAMPLE.**

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
7-10-24.	Unfiltered water	+ 05	Raw water.
do.	Filtered do.	- 30	Excellent.
11-10-24.	Unfiltered do.	+ 05	Raw water.
do.	Filtered do.	- 30	Excellent.
21-10-24.	Unfiltered do.	+ 05	Raw water.
do.	Filtered do.	- 30	Excellent.
28-10-24.	Unfiltered do.	+ 1	Raw water.
do.	Filtered do.	- 30	Excellent.
4-11-24.	Unfiltered do.	+ 6	Raw water.
do.	Filtered do.	- 50	Excellent.
11-10-24.	Unfiltered do.	+ 05	Raw water.
do.	Filtered do.	- 50	Excellent.
18-11-24.	Unfiltered do.	+ 1	Raw water.
do.	Filtered do.	+ 16.6	Moderate.
25-11-24.	Unfiltered do.	+ 2	Raw water.
do.	Filtered do.	- 50	Excellent.
5-12-24.	Unfiltered do.	+ 1	Raw water.
do.	Filtered do.	+ 50	Very good.
16-12-24.	Unfiltered do.	+ 2	Raw water.
do.	Filtered do.	- 50	Excellent.
23-12-24.	Unfiltered do.	+ 2	Raw water.
19-12-24.	Filtered do.	- 50	Excellent.
29-12-24.	Unfiltered do.	+ 0.5	Raw water.
do.	Filtered do.	- 50	Excellent.
30-12-24.	Unfiltered do.	+ 5	Raw water.
do.	Filtered do.	- 50	Excellent.

Table XII.

BACTERIOLOGICAL EXAMINATION OF WATER SAMPLES OF VARIOUS SOURCES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
9-4-24.	Well water, Kowloon ...	+ 1	Raw water.
22-7-24.	Peak, tap, Peak Hotel ...	— 50	Excellent.
do.	Peak, Peak Tank	+ 50	Very good.
do.	Peak, Kitchen Tank,		
do.	Mountain Lodge.....	+ 5	Unsatisfactory.
do.	Peak, tap, Mr. Tratman's		
do.	house, Homestead	— 50	Excellent.
do.	Peak, Mount Gough		
do.	Tank	+ 17	Up to standard.
28-7-24.	Peak, tap, No. 3 the		
do.	Eyrie	— 50	Excellent.
do.	Peak, tap, Mrs Nihill's		
do.	bath room, Mountain		
do.	Lodge	— 50	Do.
do.	Peak, tap, Mrs. Nihill's		
do.	kitchen, Mountain		
do.	Lodge	— 50	Do.
do.	Peak, tap, Mrs. Nihill's		
do.	pantry, Mountain		
do.	Lodge	— 50	Do.
do.	West Point, tap, Govt.		
do.	Analyst's Laboratory ...	— 50	Do.
6-9-24.	Unfiltered water, Sheke		
do.	Country Club	+ 3	Raw water.
do.	Unfiltered water, Sheke		
do.	Country Club	+ 3	Do.
do.	Filtered water, Sheke		
do.	Country Club	— 50	Excellent.
do.	Filtered water, Sheke		
do.	Country Club	+ 2	Unsatisfactory.
19-9-24.	Well water, Kiung		
do.	Chow	+ 1	Do.
2-10-24.	Well water, Kowloon ...	+ 1	Do.
10-10-24.	Tap water, Yacht Club .	— 50	Excellent.
do.	Filtered water, Yacht		
do.	Club.....	— 50	Do.
15-10-24.	Well water, Kiung		
do.	Chow, 1	— 30	Good.
do.	Well water, Kiung		
do.	Chow, 2	— 30	Do.
do.	Well water, Kiung		
do.	Chow, 3	— 30	Do.
do.	Well water, Kiung		
do.	Chow, 4	+ 15	Above standard.

Table XII.

BACTERIOLOGICAL EXAMINATION OF WATER SAMPLES OF VARIOUS SOURCES.

Date.	Description of sample.	Pollution Index as C.C.	Remarks.
7-11-24.	Tap water, Watson Mineral Water Factory.	+ 1.1	Below standard.
do.	Filtered, Watson Mineral Water Factory	+ 10	Do.
8-11-24.	Stream water, Telegraph Bay	+ 0.2	Unsatisfactory.
do.	Aplichan No. 1 well water	+ 0.1	Do.
do.	Aplichan No. 2 well water	+ 0.1	Do.
14-11-24.	Watson Mineral Water Factory, main water ..	— 50	Excellent.
do.	Watson Mineral Water Factory, water after sand filters	+ 50	Very good.
do.	Watson Mineral Water Factory, filtered	— 50	Excellent.
15-11-24.	Tap water, Kowloon Hotel	— 50	Do.
18-11-24.	Tap water, Stable, Bacteriological Inst. ...	— 50	Do.
do.	Tap water, Victoria Mortuary	— 50	Do.
22-11-24.	Tap, 3 Mallory Street, 2nd floor	— 50	Do.
25-11-24.	Lower tap, Laboratory Sink, west end	— 50	Do.
26-11-24.	Tap, 151 Peak	— 50	Do.
3-12-24.	Well water No. 1 Kiung Chow	— 50	Do.
do.	Well water No. 2 Kiung Chow	— 50	Do.
do.	Well water No. 3 Kiung Chow	— 50	Do.
do.	Well water No. 4 Kiung Chow	— 50	Do.
8-12-24.	Water from New Territory	— 50	Do.
9-12-24.	Unfiltered water, Tunnel Mouth Gauge Basin, Bowen Road	+ 2.5	Raw water.
do.	Unfiltered water, Gauge Basin, Albany	+ 5	Do.

Table XII.

BACTERIOLOGICAL EXAMINATION OF WATER SAMPLES OF VARIOUS SOURCES.

Date.	Description of sample.	Pollution Index as • C.C.	Remarks.
10-12-24.	Unfiltered water, Eastern Filtered Bed	+ 1.5	Raw water.
do.	Filtered water, Eastern Bed chlorinated before filtration	+ 25	Very good.
22-12-24.	Water from most westerly stream near Diamond Hill, New Dairy Lots	+ 0.5	Raw water.
do.	Water from stream immediately west of Diamond Hill, New Dairy Lots	+ 1	Do.

Pharmacy Ordinance,—Contd.

Chemical,—Continued.

1924. 1923.

1924. 1923.

Beta-naphthol,	0	1
Caffeine citrate,	0	1
Champhorated oil,	6	0
Chinese drugs,	3	3
Chloral hydrate,	0	1
Chloroform,	1	1
Datura alba,	0	2
Hexamethylenetetramine, ...	0	1
Lotion,	1	0
Novarsenobillon,	0	2
Mercurous chloride,	0	1
Pepsin,	0	1
Phenacetin,	0	1
Pills,	2	3
Potassium bromide,	0	1
Quinine ethylcarbonate,	0	1
Sodium bromide,	0	1
Sodium salicylate,	0	1
Sulphonal,	0	1
Tincture of cinchona,	0	1
Tincture of opium,	1	1

Mineralogical.

Metals,	151	177
Ores,	75	127
Coal,	63	29
Minerals,	2	0
Slag,	1	0

Oils.

Anise oil,	32	30
Cassia oil,	77	44
Essential oil,	1	0
Lubricating oil,	1	0
Camphor oil,	0	4
Wood oil,	143	136
Teaseed oil,	4	2
Peanut oil,	0	1
Shale oil,	0	3
Tallow,	0	1

Chemicals.

Ammonium sulphate,	4	21
Bleaching powder,	1	0
Carbon bisulphide,	1	0
Glycerin,	1	0

Liquid paraffin,	1	0
Potassium bichromate,	1	0
Potassium cyanide,	0	1
Sodium hydroxide,	2	2
Sodium nitrate,	0	5
Sodium sulphide,	1	0
Sulphuric acid,	58	53
Trional,	0	1
Zinc Oxide,	0	2
Other chemicals,	7	0

Miscellaneous.

Coal tar disinfectants,	5	2
Urine,	11	2
Faeces,	2	0
Gall stone,	1	0
Dog's stomach,	1	0
Soy,	2	0
Deposits,	3	3
Cutch,	0	2
Peanuts,	1	0
Battery plates,	6	0
Hyosan,	1	6
Dyes,	0	1
Wax,	1	0
Husks,	1	0
Sand,	2	0
Metal sheets,	2	0
Brass tube,	1	0
Tannery liquors,	2	0
Metal packing,	0	1
Metal polish,	1	0
Cork,	0	1
Guano,	0	2
Tobacco,	0	1
Fertilizer,	0	1
Soap,	1	0
Soil,	2	0
Dust,	2	0
Refractometer for adjustment,	0	1
Thermometers for calibration,	1	0
Hydrometers, " "	2	0
Coal Tar,	0	1

Total,..... 1,339 1,170

TOXICOLOGICAL.

Among the chemico-legal investigations made during the year were 39 cases of suspected human poisoning. The results of these examinations are given below :—

Results of Examination.	No. of Cases.
No poison found	18 cases
Opium found... ..	14 „
Lysol found	1 „
Gilsemium elegans found	1 „
Datura alba found... ..	1 „
Morphine found	1 „
Hydrocyanic acid found	1 „
Hydrochloric acid found	1 „
Oil of cloves found... ..	1 „
Total,	39 Cases.

WATER SUPPLIES.

The new room for water analysis was put into operation during the past year and has proved very useful. The chemical control of the water supplies has developed considerably during the past three years as is shown by the following figures :—

Year.	1922.	Samples examined	56
	1923.	„	164
	1924.	„	286

During the coming year, the number of samples examined is likely to be considerably greater.

In connection with the chlorination of the water supplies, numerous samples have been taken and the chlorine content determined. Since the introduction of the permanent chlorination apparatus, no very great excess of chlorine has been detected in the mains.

FOOD AND DRUGS.

During the year 66 samples were examined and the results of analysis are tabulated below :—

Description.	No. of Samples.	No. found Genuine.	No. found Adulterated.
Milk, Fresh	30	29	1
Milk, Condensed	2	2	0
Milk, Sterilized	1	0	1
Coffee	4	4	0
Flour	3	3	0
Butter	4	4	0
Honey	1	1	0
Fruit Cake	1	1	0
Cream Cake	1	1	0
Butter mixture	1	1	0
Glucose	1	1	0
Isinglass	1	1	0
Almond mixture	1	1	0
Marzipan mixture	1	1	0
Ham	1	1	0
Green peas	1	1	0
Lard	1	1	0
Pepper	2	2	0
Vinegar	1	1	0
Camphorated Oil	6	2	4

MINERALOGICAL.

The 226 samples of metals and ores examined during the year comprised the following :—

Metals.	1924.	1923.	Ores.	1924.	1923.
Alloys	0	1	Antimony	2	2
Antimony	0	7	Bismuth	27	57
Nickel	0	1	Graphite	0	1
Silver	0	1	Iron	1	0
Tin	151	166	Lead	0	2
Zinc	0	1	Manganese	9	1
			Molybdenum	0	2
			Rock	0	4
			Tin	0	8
			Wolfram	33	48
			Zinc	3	2
Total,.....	151	165		75	115

SPECIAL REPORTS.

Special reports have been made on the following subjects :—

“Impurities in Chinese Tin” (Two reports.) “Methods of analysis for Chinese Wood Oil.” and “The Gluten content of Flour”.

LIBRARY.

Several standard work of reference have been added.

SAMPLING.

The following Table shows the amount of sampling done on behalf of local export firms during the year :—

Ammonium sulphate...	50 tons.	Manganese Ore.	2,150 Tons.
Anise Oil	2,150 containers	Tea Oil	136 Containers
Antimony	241 „	Tin	3,491 Tons.
Bismuth Ore...	72 „	Wolfram	1,880 Bags.
Cassia Oil	1,651 „	Wood Oil	38,771 containers.
Lard	6,100 „		

During the year electric drills have been introduced for the sampling of ingot tin and these have proved a marked success.

REVENUE.

The fees paid into the Treasury during the year amounted to \$22,616.00 as against \$23,769.87 in 1923.

The value of the year's work as determined from the Tariff of Fees (Government Notification No. 439 of 1918) is \$33,876.00 as against \$33,309.87 in 1923.

STAFF.

Mr. Lane left the staff early in the year and Mr. Branson has recently been appointed in his place as Second Assistant Analyst.

Mr. Loie joined the staff as an assistant chemist in the inorganic branch.

Our sampler, Mr. R. C. Hurley, left the staff during the year and Mr. Fincher was appointed to take his place.

E. R. DOVEY,
Government Analyst.

THE OFFICE OF THE HEALTH OFFICE OF THE PORT

REPORT BY DR. B. H. MELLON, *Health Officer of the Port.*

I.—THE INSPECTION OF SHIPS ARRIVING IN PORT.

During the year 1924 the number of inward-bound ocean going vessels was 6484 and these were all visited by the Health Officers.

Such particulars of the voyage as the names of ports of call, dates of the departure, numbers of passengers and crews and the incidence of cases of illness or death, etc., were noted on the prescribed forms and attested by the master of the vessel as requested under Table W, section 22 (2), of the Merchant Shipping Ordinance of 1899.

Of the steamers arriving 2650 were on the British register and 3834 on the foreign register. River steamers from Canton, Macao and West River ports, Junks and small craft are not visited except in case of sickness or death.

Ships arriving in port with a corpse on board must obtain a permit from the Health Officer before landing it and before this is granted, enquiries are made in order to determine the cause of death. If a death occurs within ten hours of a ships arrival in port or whilst the ship is in harbour the body is inspected and the case is investigated. If for any reason the cause of death is in doubt the body is sent to the mortuary for further examination. During the year 149 special visits were made to ships for these purpose, 137 permits were granted and 28 bodies sent to the mortuary. During this period no death occurred from a quarantenable disease. Bills of Health numbering 2594 were issued during the year.

Three vessels arriving in an insanitary condition were dealt with under Table L, section 23 (1), paragraph 13 of the Merchant Shipping Ordinance of 1899 as amended by Government Notification No. 7, paragraph 2 of 1924.

II.—EMIGRATION.

The total number of emigrants was 130,982 which shows an increase of 10,198 over 1923, 32,592 over 1922 and 71,013 more than for 1919.

More than half of the emigrants proceeded to the Straits Settlements. Approximately equal numbers left for Honolulu, Dutch East Indies and the United States of America. The numbers and destinations of the emigrants are given in Table I.

The months of April and May again proved to be the most popular for emigration whilst February was the least favoured month. Table II shows the numbers of emigrants leaving the Port for each month of the year.

The Asiatic Emigration Ordinance (sections 25-28) requires that all Asiatic Steerage passengers embarking on vessels bound for certain ports and the crews of these vessels must be examined by the Health Officer prior to departure and those found medically unfit are not allowed to proceed. The total number of rejections was 946 and the cause of their rejection is outlined in Table III.

All emigrant vessels are bound to possess a hospital on board, certain surgical instrument and a supply of drugs and then are also inspected by the Health Officer before the ship is allowed to proceed.

Asiatic emigrants are classified as follows :—

(a.) Free emigrants are those who pay their own fares, are under no contract of service and can return when they please. Many are petty traders who for some obscure reason almost invariably describe themselves as grocers, 88,428 free emigrants sailed during the year.

(b.) Assisted emigrants to the number of 10,605 left, mainly for work in the sugar plantations of Java and Hawaii, the tin mines and rubber plantations of the Straits Settlements, the timber forests and oil fields of Borneo or in the nitrate deposits of the South Sea Islands. These men have their fares paid by their employers and are engaged by contract for one to three years.

(c.) Women and children. These consist mainly of the wives and families of the emigrants.

III.—QUARANTINE DUTY.

All vessels arriving from "infected" ports and those having infectious or suspicious cases on board fly the "Q" flag and go to the quarantine anchorage for examination.

Saigon was declared an infected port on February 7th owing to the prevalence of small-pox in its neighbourhood, restrictions being withdrawn on July 21st.

The ports of the Dutch East Indies were declared infected on August 19th on account of small-pox and the port of Macassar on account of plague. The restrictions on these ports were still in force at the end of the year.

The number of vessels arriving in quarantine was 233 with 16,586 passengers and crews of 14,868. They underwent medical examination before pratique was granted. The monthly returns of quarantine ships are given in Table V.

Of these 233 ships 10 were detained in quarantine, for details see Table IV. The cause of detention in all cases was small-pox.

Fumigation and disinfection of these vessels and the clothing and personal effects of all on board was strictly carried out.

Vaccination of the passengers and crew and medical examination was attended to before release from quarantine.

Twenty-nine cases of infectious disease were investigated and found to be due to non-quarantinable diseases, these were dealt with in the usual manner. This involved the examination of 311 sick persons and many special visits to ships in the harbour.

The total number of persons medically inspected during 1924 amounted to 219,222 which is equivalent to 600 examinations for each day of the year.

IV.—VACCINATION DEPARTMENT.

The Vaccination Ordinance, 1923 requires that all emigrants from the Colony shall be sufficiently protected against small-pox. In order to assist emigrants in fulfilling the law the Government instituted a vaccination department on January 1st 1924 and provision was made whereby they could be cheaply and efficaciously vaccinated. The emigrants, however, did not avail themselves of this privilege to any great extent, only 1877 attending during the year for vaccination. In addition 4092 non-emigrants presented themselves for free vaccination. At the examination of emigrants on board ships all persons who in the opinion of the Health Officer were not sufficiently protected had to undergo re-vaccination.

During the year I was assisted for varying periods by Capts. Fettes and Walker, R. A. M. C. and Drs. Smalley, Fehily and Chang.

B. H. MELLON,
Health Officer of the Port.

January 20th, 1925.

Table I.

Showing emigration passes and rejections for 1924.

Port of Destination.	Passed.	Crews.	Rejected.
Straits Settlements	76,767	10,423	276
United States of America...	9,189	17,934	139
Canada	7,566	12,736	96
Honolulu	10,121	...	211
Dutch East Indies	10,022	4,592	57
British North Borneo	2,696	2,091	23
Belawan Deli and Muntok	6,804	3,334	80
Australia and New Zealand	2,155	2,602	32
South Sea Island	807	54	6
Shanghai and Japan	1,285	...	2
South America	990	1,094	5
Panama	589	...	7
Mexico	85	219	...
South Africa	179	209	1
Mauritius	1,196	283	10
Rangoon	208	1,215	...
Manila	280	...	1
Hoi-how	43	...	...
Total	130,982	56,786	946

Table II.

Showing monthly returns of emigrants, crews and rejections.

Months.	Ships Examined.	Emigrants.	Crews.	Rejections.
January	26	6,161	4,437	34
February	20	4,663	3,982	24
March	21	12,859	3,300	65
April	24	16,524	4,428	113
May	32	18,595	5,659	120
June	24	10,370	3,887	100
July	31	10,171	5,969	106
August	29	7,820	4,833	82
September	27	11,117	4,848	114
October	32	12,209	5,366	74
November	32	10,945	5,459	72
December.....	30	9,548	4,618	42
Total.....	328	130,982	56,786	946

Table III.

Showing causes of rejections of emigrants.

Diseases.	Numbers Rejected.
Skin Diseases :—	
Scabies	107
Tinea	6
Ringworm	7
Favus	2
Other forms.....	3
Eye Diseases :—	
Trachoma	244
Ophthalmia	2
Conjunctivitis	1
Fevers	534
Small-pox	2
Chicken-pox	1
Measles	1
Leprosy	1
Tuberculosis	3
Syphilis	20
Beri-beri	1
Jaundice	7
Enlargement of the Spleen	1
Enlargement of lymphatic glands.....	1
Heart Disease.....	1
Debility	1
Total.....	946

Table IV.

Showing the number of ships detained in quarantine with ports of origin, causes, dates and periods of detention.

Name of Vessel.	Port.	Cases.	Causes.	Date of Arrival in quarantine.	Date of Departure from quarantine.
"Shinto Maru"	Canton,	3	Small-pox,	6th Jan., 1924.	8th Jan., 1924.
"Passat"	Dairen,	2	"	6th Jan., 1924.	8th Jan., 1924.
"Cape Felice"	Shanghai,	2	"	17th Jan., 1924.	18th Jan., 1924.
"U.S. Destroyer 'Nca' No. 343"	Canton,	1	"	18th Jan., 1924.	19th Jan., 1924.
"U.S. Asheville"	"	1	"	28th Jan., 1924.	29th Jan., 1924.
"Yatsing"	Amoy,	2	"	6th Feb., 1924.	8th Feb., 1924.
"Prosper"	Saigon,	1	"	9th Feb., 1924.	10th Feb., 1924.
"Takada"	Amoy,	2	"	18th Mar., 1924.	19th Mar., 1924.
"Fooksang"	"	1	"	1st April, 1924.	2nd April, 1924.
"Nenus"	Manila,	1	"	18th April, 1924.	18th April, 1924.

Table I.

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

Nomenclature.	CIVIL HOSPITAL.				VICTORIA HOSPITAL.				GAOL HOSPITAL.						
	Remain- ing in Hospital on 31st Dec., 1923.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital on 31st Dec., 1924.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital on 31st Dec., 1924.	Yearly Total.		Total Cases Treated.	Remain- ing in Hospital on 31st Dec., 1924.		
		Admis- sions.	Deaths.			Admis- sions.	Deaths.			Admis- sions.	Deaths.				
DISEASES CAUSED BY INFECTION.															
Chicken-pox .....	...	4	...	4	...	...	4	...	4	...	...	1	...	1	...
Diphtheria .....	...	15	2	15	2	...	12	...	12	...	...	3	...	3	...
Dengue .....	...	1	...	1	...	...	3	...	3	...	...	...	...	...	...
Dysentery :—															
(a) Protozoal	4	79	...	83	3	...	12	...	12	1	...	...	...	...	...
(b) Bacillary .....	...	21	2	21	...	...	2	1	2	...	...	...	...	...	...
Enteric Fever :—															
(a) Typhoid fever	4	74	9	78	3	1	8	1	9	1	1	4	1	5	...
(b) Paratyphoid fever	1	8	...	9	...	...	6	...	6	...	...	...	...	...	...
Erysipelas .....	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...
Gonococcal infection .....	...	125	1	125	5	...	2	...	2	...	...	5	...	5	...
Influenza	4	229	...	233	1	...	4	...	4	...	...	6	...	6	...
Leprosy :—															
(a) Nodular .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Anæsthetic .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mixed Forms .....	...	7	1	7	...	...	...	...	...	...	...	...	...	...	...
Madura Disease .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria :—															
(a) Benign tertian .....	...	65	...	65	...	3	27	...	30	1	...	...	...	...	...
(b) Sub-tertian	7	893	5	900	7	...	4	...	4	...	...	...	...	...	...
(c) Malarial Cachexia .....	...	45	...	45	2	...	...	...	...	...	...	96	...	96	1
(d) Quartan .....	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...
Measles .....	...	13	...	13	...	...	6	...	6	...	...	...	...	...	...
Blackwater Fever .....	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...
Meningococcal Infection :—															
(a) Cerebro-Spinal Fever .....	...	2	1	2	...	...	...	...	2	...	...	...	...	...	...
Mumps .....	...	15	...	15	...	...	2	...	2	...	...	...	...	...	...
Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pyogenic Infection—Abscess .—															
Osteomyelitis	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...
Pyæmia .....	...	3	2	3	...	...	...	...	...	...	...	...	...	...	...
Pyrexia of uncertain Origin	1	120	...	121	...	...	...	...	...	...	...	21	...	21	...
Relapsing fever .....	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...
Rabies .....	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...
<i>Carried forward.....</i>	23	1,728	25	1,751	23	4	92	2	96	2	1	136	1	137	1

Table V.

Showing numbers of passengers, crews and ships arriving in
Quarantine each month.

Months.	No. of Passengers.	No. of Crews.	No. of Ships.
January	5	690	10
February	267	944	18
March	4,141	3,056	44
April	2,660	2,465	43
May	2,284	2,690	36
June	2,395	1,463	20
July	1,561	1,195	17
August	882	648	11
September	1,260	364	12
October	44	299	5
November	321	478	8
December	766	576	9
Total	16,586	14,868	233

Table I.—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

Nomenclature.	CIVIL HOSPITAL.				VICTORIA HOSPITAL.				GAOL HOSPITAL.						
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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	23	1,728	25	1,751	23	4	92	2	96	2	1	136	1	137	1
Septicæmia	1	9	3	10	2	2	2
Small-pox	2	...	2	1	...	1
Scarlet fever	5	...	5	4	...	4
Syphilis :—															
(a) Acquired	2	166	3	168	5	...	1	...	1	1	...	1	...
(b) Congenital	3	...	3
Tetanus	3	2	3
Tuberculosis	11	5	11	...	1	7	1	8
Whooping cough	3	5	...	8
Rheumatic fever.....	...	4	1	4	...	1	1
Yaws
Rheumatism	2	76	...	78	6	5	...	5	...
DISEASES OF THE NERVOUS SYSTEM.															
Diseases of the Nerves :—															
Inflammation :—															
(a) Localised	21	...	21	1
(b) Multiple	7	1	7	1
Diseases of the Spinal Cord :—															
Paralysis	1	1	...	2
Degeneration	9	...	9
Infantile Paralysis	2	1	2	1	...	1
Myalitis	5	1	5
Concussion	35	...	35	1
Spinal Haemorrhage	1	1	1
Spastic paraplegia.....
Tabes Dorsalis	1	...	1
Diseases of the Cerebral Meninges :—															
Inflammation	9	3	9
Tuberculosis	14	10	14	3
Diseases of the Brain :—															
Glioma
Haemorrhage	1	9	6	10
Apoplexy
Paraplegia
Embolism	6	4	6
<i>Carried forward.....</i>	30	2,127	66	2,157	40	9	113	5	122	2	1	142	1	143	1

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

Nomenclature.	CIVIL HOSPITAL.				VICTORIA HOSPITAL.				GAOL HOSPITAL.						
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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	30	2,127	66	2,157	40	9	113	5	122	2	1	142	1	143	1
<i>Diseases of the Brain,—Continued.</i>															
Vertigo
Epilepsy	4	...	4	2	...	2	...
Migraine	4	...	4	1
Neurasthenia	2	19	...	21	5	...	5
Hemiplegia	3	...	3
Encephalitis Lethargia	1	...	1
<i>Mental Diseases :—</i>															
Mania
Melancholia.....
Dementia.....	...	5	...	5
Delusional Insanity.....
General paralysis of the Insane
Insomnia	3	...	3
<i>Diseases of the Eye :—</i>															
Conjunctivitis.....	...	29	...	29	1	...	1
Blepharitis
Iritis	7	...	7	1
Trachoma
Keratitis	6	...	6
Entropion	1	...	1
Optic neuritis	2	...	2
Myopia	1	...	1
Hypopyon	1	...	1
Ophthalmia neonatorum	1	...	1
<i>Diseases of the Ear :—</i>															
Inflammation of ext. meatus	8	...	8	4	...	4
Otitis media (acute)	8	...	8
Mastoiditis	5	...	5	1
Chronic catarrh of middle ear
" suppuration " "
<i>Diseases of the Nose :—</i>															
Adenoids	3	...	3
Polypus	4	...	4
Sarcoma
Epistaxis.....	1	5	...	6	1	...	1	...
Sinusitis
<i>Carried forward.....</i>	33	2,247	66	2,280	43	9	123	5	132	2	1	145	1	146	1

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward</i>	33	2,247	66	2,280	43	9	123	5	132	2	1	145	1	146	1
Diseases of the Circulatory System:—															
Endocarditis	7	6	7
Myocarditis, fatty degeneration...	...	10	...	10	1
Mitral valve	3	17	1	20	2	4	...	4	...
Aortic valve	4	...	4	2	1	2	...
Dilatation of heart.....	...	14	1	14	2
Aortitis
Aneurysm	1	2	...	3
Hyperpiesis.....	...	2	...	2
Varix	9	...	9	1
Thrombosis of Veins	1	...	1
Syncope
Malformation	1	...	1
Auricular flutter.....	...	1	...	1
Ventricular fibrillation	1	4	1	5
Diseases of the Blood :—															
Anaemia	19	...	19	1	...	1	...	1	1	...	1	...
Pernicious Anaemia	2	2	2
Leukaemia	2	1	2
Diseases of the Spleen :—															
Splenomegaly	6	...	6
Rupture	6	4	6
Banti's Disease	3	...	3
Diseases of the Lymphatic System:—															
Inflammation of Lymphatic Glands	2	21	...	23	6	...	1	...	1	...	1	3	...	4	...
Suppuration of " "	...	78	...	78	10
Tuberculosis of " "	4	17	...	21	3
Elephantiasis	3	...	3	2
Carcinoma	8	1	8
Diseases of Endocrine Glands :—															
(a) Exophthalmic goitre
(b) Hypothyroidism	2	...	3
(c) Addison's Disease	1	2	...	2
Diseases of the Respiratory System:—															
Laryngitis	7	...	7	1	2	...	2	...
Atelectasis
<i>Carried forward</i>	45	2,493	83	2,538	72	9	125	5	134	2	2	157	2	159	1

Table I.

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

Nomenclature.	CIVIL HOSPITAL.				VICTORIA HOSPITAL.				GAOL HOSPITAL.						
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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	45	2,493	83	2,538	72	9	125	5	134	2	2	157	2	159	
Diseases of the Respiratory System,—Continued.															
Pleurodynia.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis (Acute).....	1	142	...	143	3	1	16	...	17	...	1	14	...	15	1
Asthma	2	77	...	79	...	...	1	...	1	...	...	8	...	8	1
Pneumonia (Lobar)	4	31	8	35	3	...	...	...	...	...	...	2	...	2	...
„ (Lobular).....	2	47	28	49	...	1	4	...	5	...	...	...	...	...	...
Pulmonary Tuberculosis	7	85	31	92	8	1	2	...	3	...	...	11	3	11	1
Pleurisy .....	...	17	...	17	...	...	...	...	...	...	...	1	...	1	...
Empyema .....	...	5	2	5	...	...	...	...	...	...	...	...	...	...	...
Hæmoptysis .....	...	3	...	3	...	...	...	...	...	...	...	3	...	3	...
Asphyxia .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the Teeth and Gums :—															
Dental caries	1	13	...	14	1	...	1	...	1	...	...	...	...	...	...
Pyorrhœa alveolaris .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gingivitis .....	...	4	...	4	...	...	...	...	...	...	...	...	...	...	...
Cancerum Oris .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alveolar Abscess .....	...	19	2	19	...	...	...	...	...	...	...	...	...	...	...
Odontoma .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the Digestive System :—															
Stomatitis .....	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...
Necrosis of Jaw .....	...	4	...	4	...	...	...	...	...	...	...	...	...	...	...
Tonsillitis	2	37	1	39	...	...	16	...	16	2	...	5	...	5	...
Pharyngitis .....	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...
Gastritis	2	106	2	108	...	...	15	...	15	...	...	8	...	8	...
Gastric Ulcer .....	...	44	1	44	...	...	...	...	...	...	...	2	...	2	1
Gastric Carcinoma.....	...	5	4	5	...	...	...	...	...	...	...	...	...	...	...
Hæmatemesis .....	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...
Indigestion .....	...	3	...	3	...	...	2	...	2	...	...	...	...	...	...
Enteritis	6	109	1	115	...	...	15	1	15	...	...	15	...	15	...
Appendicitis	1	36	1	37	1	...	7	...	7	...	...	...	...	...	...
Colitis .....	...	38	1	38	...	...	...	...	...	...	...	1	...	1	...
Gall stones .....	...	2	1	2	1	...	3	...	3	...	...	1	...	1	...
Sprue	1	4	...	5	...	1	1	...	2	...	...	...	...	...	...
Hernia inguinal .....	...	25	3	25	2	...	...	...	...	...	...	2	...	2	...
Diarrhoea.....	...	5	...	5	1	...	...	...	...	...	...	12	...	12	...
Constipation	1	47	...	48	1	...	...	...	...	...	...	...	...	...	...
Tuberculosis	1	12	4	13	1	...	...	...	...	...	...	...	...	...	...
Hernia femoral .....	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...
<i>Carried forward.....</i>	76	3,421	173	3,497	94	13	208	6	221	4	3	244	5	247	5

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

Nomenclature.	CIVIL HOSPITAL.				VICTORIA HOSPITAL.				GAOL HOSPITAL.						
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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	76	3,421	173	3,497	94	13	208	6	221	4	3	244	5	247	5
Diseases of the Digestive System,— <i>Contd.</i>															
Liver abscess	1	1	1	2	...	...	...	...	...	...	...	...	...	...	...
Fissure of the anus	1	2	...	3	...	...	...	...	...	...	...	...	...	...	...
Fistula in ano	3	18	...	21	1	...	...	...	...	...	...	...	...	...	...
Haemorrhoids	1	31	...	32	...	...	...	...	...	...	...	4	...	4	...
Hepatitis .....	...	7	...	7	...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of liver .....	...	17	5	17	3	...	...	...	...	...	...	...	...	...	...
Carcinoma of liver .....	...	6	2	6	1	...	...	...	...	...	...	...	...	...	...
Jaundice .....	...	6	1	6	...	...	...	...	...	...	...	...	...	...	...
Cholecystitis	1	4	...	5	...	...	...	...	...	...	...	3	2	3	...
Peritonitis-acute general	1	9	10	10	...	...	...	...	...	...	...	1	...	1	...
Prolapse of rectum.....	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...
Ascites .....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Dilatation of stomach. ....	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...
Gastroptosis .....	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Pancreatitis, acute .....	...	3	2	3	...	...	...	...	...	...	...	...	...	...	...
Inflammation of rectum.....	...	2	...	2	...	...	...	...	...	...	...	1	...	1	...
Stricture of rectum .....	...	2	1	2	...	...	...	...	...	...	...	...	...	...	...
Umbilical fistula.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Duodenal ulcer .....	...	4	...	4	1	...	...	...	...	...	...	...	...	...	...
Duodenal catarrh	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...
Rupture of liver .....	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...
Obstruction of intestines .....	...	2	...	2	...	...	1	1	1	...	...	1	...	1	...
Cholangitis .....	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...
Diseases due to Disorders of Nutrition or of Metabolism :—															
Inanition .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diabetes mellitus .....	...	2	1	2	...	...	...	...	...	...	...	...	...	...	...
Scurvy.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Beri-beri	8	133	16	141	2	...	...	...	...	1	17	...	...	18	...
Gout .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets starvation .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of the Male Organs of Generation :—															
Epithelioma of Penis.....	...	4	1	4	1	...	...	...	...	...	...	...	...	...	...
Phimosis .....	...	24	...	24	...	...	2	...	2	...	...	2	...	2	...
Stricture of urethra	2	27	1	29	1	...	...	...	...	...	...	...	...	...	...
Rupture of urethra.....	...	18	1	18	...	...	...	...	...	...	...	...	...	...	...
<i>Carried forward.....</i>	95	3,752	216	3,847	104	13	211	7	224	4	4	273	7	277	5

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	95	3,752	216	3,847	104	13	211	7	224	4	4	278	7	277	5
Diseases of the Male Organs of Generation,— <i>Contd.</i>															
Prostatitis	1	...	1
Soft Sore	1	15	...	16	5
Prostatic hypertrophy	2	...	2
Hydrocele	5	...	5
Orchitis	31	...	31	5	...	5	1
Epididymitis	6	...	6
Urethritis	2	5	...	7
Diseases of the Female Organs of Generation :—															
Cancer of Breast	3	...	3
Ovarian cyst	5	...	5
Vaginitis	2	1	...	3
Endometritis	12	1	12	1	...	1
Vaginal fisuæ	2	...	2
Amenorrhœa
Dysmenorrhœa	2	...	2	1
Menorrhœgia	3	...	3	1	...	1
Abortion	3	1	3
Puerperal Septicaemia	11	4	11
Mastitis	8	...	8	2	...	2
Prolapse of uterus	2	...	2
Post partum hæmorrhage
Retroversion of uterus	1	6	...	7
Parturition	15	...	15
Fibroid of uterus	3	...	3
Pregnancy	3	...	3	5	...	5
Laceration of Cervix	3	...	3
Hydatidiform Mole	1	...	1
Ectopic gestation	2	1	2
Rupture of perineum	1	...	1
Salpingitis	6	...	6	2	...	2	...	2	1
Cancer of uterus	6	1	6
" Ovary	2	...	2	2	...	2	1
Diseases of the Organs of Locomotion :—															
Osteitis	5	...	5
Ankylosis of joints	4	...	4
<i>Carried forward.....</i>	101	3,926	224	4,027	112	13	224	7	237	6	4	278	7	282	6

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	101	3,926	224	4,027	112	13	224	7	237	6	4	278	7	282	6
Diseases of the Organs of Locomotion,—Continued:—															
Osteo-Myelitis.....	...	10	...	10
Synovitis.....	1	4	...	5
Myalgia.....	...	8	...	8	1	...	1
Lumbago.....	...	3	...	3
Rheumatoid arthritis.....	...	2	...	2	2	...	2	...
Arthritis.....	1	10	...	1
Bursitis.....	...	1	...	1
Tuberculosis of joints.....	3	13	...	16	3
Diseases of the Areolar tissue:—															
Cellulitis.....	1	22	5	23	7	...	4	...	4	18	...	18	...
Abscess.....	8	151	3	159	7	...	3	...	3	1	...	9	...	9	...
Carbuncle.....	...	13	1	13	1	...	1	...
Gangrene.....	...	6	...	6
Diseases of the Skin:—															
Lupus.....	...	2	...	2
Boils.....	...	29	...	29	3	...	3	3	...	3	...
Urticaria.....	...	4	...	4
Eczema.....	2	21	...	23	1	...	2	...	2
Impetigo.....	1	1	...	1	6	...	6
Tinea.....	...	3	...	3	1	...	1
Scabies.....	1	37	...	38	1	...	2	...	2
Lichen.....
Herpes.....
Psoriasis.....	...	2	...	2
Ulcer.....	...	41	...	41	1	...	1
Dermatitis.....	1	47	...	48	2
Diseases of the Urinary Organs:—															
DiseNephritis, Acute.....	...	30	4	30	1	1	1
" Chronic.....	1	23	8	24	5	...	3	...	3	4	...	4	...
Cystitis.....	...	7	1	7	2	...	2
Haematuria.....	...	1	...	1	2	...	2	...
Enuresis.....
Chyluria.....
Retention of urine.....	...	6	...	6
Calculus.....	...	19	...	19	2
<i>Carried forward.....</i>	121	4,431	246	4,552	140	13	253	8	266	7	4	317	7	321	6

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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	121	4,431	246	4,552	140	13	253	8	266	7	4	317	7	321	6
Diseases of the Urinary Organs,— <i>Contd.</i>															
Hydronephrosis	3	1	3
Bacilluria
Hemipoplea
General Injuries:—															
Burns	3	39	7	42	2	...	1	...	1
Scalds	1	40	4	40	1	...	1	...	1
Multiple Injuries.....	...	34	18	34	3
Drowning	2	1	2
Alcoholism	25	...	25	1
Local Injuries:—															
Septic	100	1	100
Abrasion	2	70	...	72	5
Wounds, Incised.....	4	94	2	98	3	2	...	2	...
" Contused	143	...	143	7	...	7
" Lacerated	12	270	8	282	12
" Stab.....	4	50	2	54	1
" Gun shot.....	4	47	2	51	4	...	1	...	1
Sprain	48	...	48	1	...	1	...	1
Fracture—Skull.....	1	51	31	52	1
" Jaw, lower	9	...	9	1
" Jaw, upper	6	...	6
" Spine.....	...	9	5	9	1
" Ribs	13	3	13
" Clavicle.....	...	11	...	11
" Scapula.....	...	1	...	1
" Humerus	14	...	14	1	1	1
" Radius	1	6	...	7
" Ulna	29	...	29
" Pelvis	3	2	3
" Femur	2	18	2	20	3	1	1
" Tibia	1	29	...	28	4
" Fibula	11	...	11	2
" Patella	4	1	4	2
" Tibia and Fibula	6	28	2	34	3
<i>Carried forward.....</i>	162	5,636	338	5,798	192	15	264	8	279	7	4	319	7	323	6

Table I,—(Continued).

Diseases and Deaths in 1924 at the Civil, Victoria, and Gaol Hospitals.

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		Admis- sions.	Deaths.				Admis- sions.	Deaths.				Admis- sions.	Deaths.		
<i>Brought forward.....</i>	162	5,636	338	5,798	192	15	264	8	279	7	4	319	7	323	6
<i>Local Injuries,—Contd.</i>															
Fracture—Phalanges.....	...	8	...	8	1
" Nasal bone	1	...	1	1	...	1	...
Debility	1	...	1	44	...	44	2
Marmius	2	1	2
Dislocations	2	14	...	16
Tumours and Cysts.....	...	78	8	78	4
Malformations	22	5	22	1
Poisons—Opium.....	...	26	4	26	24	...	24	...
" Alcohol	5	...	5
" Star anise
" Datura	1	1	1
" Crysol	1	1	1	1	...	1
" Arsenious acid
" Ptomaine
" Lead
" Caustic soda
" Carbon monoxide	1	...	1
" Hydrochloric acid.....
" Mercuric chloride
Animal Parasites—Ascaris lum- bricoides	12	...	12	1	...	1	...	1
" Ankylostoma duodenale...	1	17	...	18	4	1	...	1	...
" Taenia solium	1	...	1	1	...	1
" Filaria baneroffi
Malingering.....	...	8	...	8	1	...	1	...
In attendance	1	29	...	30	...	2	30	...	32
Under Observation.....	6	66	...	72	1	2	12	...	14	...
Electric shock	1	...	1
Fish Bone in throat.....	...	1	1	1
Clonorchiasis	4	...	4
Snake bite.....	...	2	...	2
TOTAL.....	172	5,934	359	6,106	204	17	300	9	317	7	6	402	7	408	8

Table I.

Diseases and Deaths in 1924 at the Tung Wah Hospital.

Nomenclature of Diseases.	Admissions.			Deaths.	Remain- ing over to 1925.	Western Treatment.		Native Treatment.	
	Remain- ing over from 1923.	In 1924.	Total.			Cases.	Deaths.	Cases.	Deaths.
Diseases Caused by Infection :—									
Chicken-pox.....	.....	1	1	.....	...	.....	.....	1	.....
Diphtheria .....	.....	5	5	4	...	1	.....	4	4
Dysentery :—									
(a) Amoebic	10	52	62	18	3	24	5	38	13
(b) Bacillary	3	198	201	43	1	98	14	103	20
Enteric Fever :—									
(a) Typhoid	1	32	33	20	1	9	3	24	17
(b) Para-typhoid.....	.....	10	10	1	.....	4	.....	6	1
Erysipelas .....	.....	3	3	.....	.....	1	.....	2	.....
Gonococcal infection	1	57	58	.....	4	17	.....	41	.....
Influenza	4	101	104	22	.....	36	8	68	14
Leprosy.....	.....	8	8	.....	.....	8	.....	.....	.....
Malaria :—									
(a) Benign tertian .....	.....	14	14	.....	.....	6	.....	8	.....
(b) Sub-tertian	11	198	209	36	6	103	9	106	27
(c) Malarial Cachexia.....	2	66	68	29	1	22	12	46	17
Measles.....	.....	8	8	.....	.....	2	.....	6	.....
Meningococcal Infection.....	.....	30	30	16	.....	8	3	22	13
Mumps .....	.....	3	3	.....	.....	.....	.....	3	.....
Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pyogenic infection :—									
(a) Abscess-cellulitis	44	507	551	96	52	304	21	247	75
(b) Carbuncle	1	14	15	2	.....	9	.....	6	2
(c) Osteo-myelitis	1	2	3	.....	.....	3	.....	.....	.....
(d) Septicaemia .....	.....	6	6	6	.....	2	2	4	4
Pyrexia, simple .....	.....	86	86	.....	.....	17	.....	69	.....
Small-pox .....	.....	13	13	13	.....	.....	.....	13	13
Syphilis :—									
(a) Acquired	38	383	421	.....	12	226	.....	195	.....
(b) Congenital.....	.....	6	6	6	.....	2	2	4	4
Tetanus .....	.....	19	19	18	.....	3	2	16	16
Tuberculosis (General)	1	13	14	14	.....	2	2	12	12
Whooping Cough .....	.....	2	2	.....	.....	.....	.....	2	.....
Diseases of the Nervous System :—									
Peripheral Neuritis .....	.....	91	91	.....	.....	17	.....	74	.....
Transverse Myelitis .....	.....	3	3	2	.....	1	.....	2	2
Spastic Paraplegia .....	.....	3	3	.....	.....	2	.....	1	.....
<i>Carried forward</i>	116	1,934	2,050	337	80	928	83	1,127	254

Table I,—(Continued).

Diseases and Deaths in 1924 at the Tung Wah Hospital.

Nomenclature of Diseases.	Admissions.			Deaths.	Remain- ing over to 1925.	Western Treatment.		Native Treatment.	
	Remain- ing over from 1923.	In 1924.	Total.			Cases.	Deaths.	Cases.	Deaths.
<i>Brought forward</i>	116	1,934	2,050	337	80	928	83	1,127	254
Amyotrophic lateral sclerosis.....	.....	2	2	.....	.....	2	.....	.....	.....
Progressive muscular atrophy .....	.....	1	1	.....	.....	1	.....	.....	.....
Locomotor Ataxia	2	7	9	1	1	7	1	2	.....
Tuberculous Meningitis .....	.....	6	6	6	.....	1	1	5	5
Disseminated sclerosis.....	.....	4	4	.....	.....	4	.....	.....	.....
Encephalitis lethargica .....	.....	3	3	.....	.....	3	.....	.....	.....
Cerebral Haemorrhage .....	.....	18	18	17	.....	2	2	16	15
" Thrombosis .....	.....	9	9	1	2	7	1	2	.....
" Embolism .....	.....	1	1	.....	.....	1	.....	.....	.....
Neuro-syphilis	16	46	62	5	3	28	3	34	2
Epilepsy .....	.....	2	2	.....	.....	.....	.....	2	.....
Mental Diseases :—									
(a) Mania .....	.....	4	4	.....	.....	4	.....	.....	.....
Diseases of the Eye.....	9	187	196	.....	11	196	.....	.....	.....
Diseases of the Ear.....	.....	5	5	.....	.....	5	.....	.....	.....
Diseases of the Nose .....	.....	13	13	.....	.....	10	.....	3	.....
Diseases of the Circulatory System :—									
Myocardial degeneration.....	.....	19	19	16	.....	8	6	11	10
Mitral valve disease	2	14	16	8	1	7	5	9	3
Aortic valve disease .....	.....	6	6	4	.....	5	4	1	.....
Aneurysm.....	.....	1	1	.....	.....	1	.....	.....	.....
Varicose Veins.....	1	2	3	.....	.....	3	.....	.....	.....
Diseases of the Blood :—									
Simple anaemia .....	.....	4	4	.....	.....	1	.....	3	.....
Diseases of the Spleen :—									
Splenomegaly	1	2	3	1	.....	2	1	1	.....
Diseases of the Lymphatic Glands :—									
Lymphadenitis (suppurative).....	2	43	45	.....	4	18	.....	27	.....
" (tuberculous)	3	24	27	.....	2	9	.....	18	.....
Lymphadenoma .....	.....	2	2	.....	.....	.....	.....	2	.....
Lymphosarcoma .....	.....	1	1	1	.....	1	1	.....	.....
Diseases of the Endocrine Glands :—									
Exophthalmic .....	.....	1	1	.....	.....	.....	.....	1	.....
Diseases of the Respiratory System :—									
Laryngitis .....	.....	4	4	.....	.....	.....	.....	4	.....
Bronchitis.....	33	418	451	142	26	138	51	313	91
Asthma	1	11	12	.....	.....	4	.....	8	.....
<i>Carried forward</i>	186	3,816	3,990	541	130	1,396	159	1,596	380

Table 1,—Continued.

Diseases and Deaths in 1924 at the Tung Wah Hospital.

Nomenclature of Diseases.	Admissions.			Deaths.	Remain- ing over to 1925.	Western Treatment.		Native Treatment.	
	Remain- ing over from 1923.	In 1924.	Total.			Cases.	Deaths.	Cases.	Deaths.
<i>Brought forward</i>									
Diseases of the Female Organs of Generation	1	70	71	.....	5	52	.....	19	.....
Diseases of the Organs of Locomotion:—									
Synovitis	1	32	33	.....	3	14	.....	19	.....
Tuberculous arthritis .....	.....	6	6	.....	2	5	.....	1	.....
Rheumatoid arthritis	6	9	15	.....	4	4	.....	11	.....
Spondylitis	1	.....	1	.....	.....	.....	.....	1	.....
Diseases of the Areolar Tissue:—									
Ulceration	51	704	755	.....	43	481	.....	274	.....
Gangrene .....	.....	6	6	5	.....	5	4	1	1
Diseases of the Skin	2	127	139	.....	.....	47	.....	92	.....
Diseases of the Urinary Organs:—									
Nephritis	17	284	301	162	9	108	48	193	114
Cystitis .....	.....	2	2	.....	.....	.....	.....	2	.....
Vesical calculus	1	14	15	.....	.....	15	.....	.....	.....
Retention of urine .....	.....	3	3	.....	.....	3	.....	.....	.....
Injuries:—									
Burns and scalds	1	34	35	.....	.....	31	.....	4	.....
Multiple injuries	3	46	49	17	.....	27	11	22	6
Local wounds	4	317	321	.....	8	204	.....	117	.....
Sprains .....	.....	4	4	.....	.....	.....	.....	4	.....
Fractures	6	106	112	4	5	14	.....	98	4
Dislocations .....	.....	18	18	.....	.....	3	.....	15	.....
Innocent Tumours & cysts.....	.....	16	16	.....	.....	16	.....	.....	.....
Poisoning:—									
Opium (acute) .....	.....	1	1	1	.....	1	1	.....	.....
„ (chronic)	14	472	486	196	23	285	127	201	69
Lead .....	.....	2	2	.....	.....	2	.....	.....	.....
Animal Parasites:—									
Ascaris lumbricoides .....	.....	15	15	.....	.....	14	.....	1	.....
Hookworm	1	13	14	.....	1	11	.....	3	.....
Treadworm .....	.....	1	1	.....	.....	1	.....	.....	.....
Clonorchis sinensis .....	.....	6	6	.....	.....	6	.....	.....	.....
Filaria bancrofti .....	.....	1	1	.....	.....	1	.....	.....	.....
Destitution (starvation) .....	.....	49	49	.....	.....	49	.....	.....	.....
Seulity	9	210	219	101	14	133	61	81	40
Parturition	15	1,071	1,086	2	12	1,086	2	.....	.....
Under Observation .....	.....	24	24	.....	.....	20	.....	4	.....
Total,.....	521	9,419	9,940	2,195	420	5,392	1,031	4,548	1,164

DISEASE AND DEATHS IN 1924 SHOWING THE ADMISSIONS AND MORTALITY IN THE KWONG WA HOSPITAL WITH THE PROPORTION OF CASES TREATED BY EUROPEAN AND CHINESE METHODS RESPECTIVELY.

DISEASES.	Remaining in Hospital at the end of		ADMISSIONS.			DEATHS.		
	1923	1924	European treatment.	Chinese treatment.	Total.	European treatment.	Chinese treatment.	Total.
CAUSED BY INFECTIONS.								
Chicken-pox.....	...	...	1	1	2	...	...	...
Diphtheria.....	...	...	19	1	20	...	...	...
Dysentery.....	5	1	109	94	208	59	59	118
Enteric:—								
(a) Typhoid fever.....	...	...	3	...	3	1	...	1
Gonorrhoea.....	...	...	12	11	23	...	...	...
Influenza.....	...	...	26	21	47	9	8	14
Leprosy.....	...	...	10	1	11	...	...	...
Malaria.....	14	7	43	304	661	120	128	248
Malarial Cachexia.....	...	...	2	4	6	2	1	8
Measles.....	...	...	2	...	2	...	...	...
Meningococcal Infection:—								
Cerebral Spinal Fever.....	...	...	11	2	13	8	2	10
Plague.....	...	...	1	...	1	...	...	...
Small-pox.....	...	...	54	7	61	9	4	13
Syphilis (a) acquired.....	21	17	251	50	22	37	19	56
Tetanus.....	...	3	45	5	50	15	2	17
Tuberculosis.....	2	3	260	136	298	134	80	214
Diseases of the Nervous System.....	3	1	65	31	99	19	5	24
" " Eye.....	...	1	16	...	16	...	...	...
" " Ear.....	...	...	4	...	4	...	...	...
" " Circulatory System... ..	...	...	9	4	13	6	1	7
" " Respiratory ".....	16	6	381	170	567	214	102	316
" " Digestive ".....	17	8	303	160	480	120	50	173
Diseases due to disorders of Nutrition.....	48	42	512	432	992	163	153	316
" of the male organs of generation..	...	1	30	2	32	3	...	3
" " female ".....	...	...	7	1	8	...	...	...
" " " organs of Locomotion..	1	...	12	2	15	...	...	...
" " Skins.....	...	...	12	...	12	...	...	...
" " Urinary System.....	19	4	185	84	288	81	40	121
" " Areolar Tissues.....	44	29	436	15	495	10	1	11
General Injuries.....	...	...	48	...	48	11	...	11
Local Injuries.....	29	26	437	119	585	21	2	23
New growth:—								
(a) non Malignant.....	...	...	3	...	3	1	...	1
(b) Malignant.....	...	...	4	...	4	2	...	2
Poisons.....	1	...	15	...	16	1	...	1
Animal parasites.....	...	...	15	...	15	...	...	...
Parturitions.....	8	18	1,160	...	1,168	...	...	...
Total.....	228	167	4,803	1,657	6,688	1,059	657	1,716

TABLE OF CASES TREATED AT THE GOVERNMENT DISPENSARY,
KOWLOON.

DISEASES.	Number of Patients 1924.	Number of Patients 1923.
DISEASES CAUSED BY INFECTION.		
Small-pox .....	...	1
Chicken-pox	1	6
Dengue	84	35
Diphtheria	3	4
Dysentery	226	108
Erysipelas .....	...	...
Gonorrhoea	138	96
Influenza	40	69
Leprosy	29	7
Malaria	844	663
Measles	6	4
Mumps	58	17
Plague .....	...	...
Syphilis :—		
(a) Acquired	485	333
(b) Congenital	32	20
Tuberculosis	237	221
Whooping Cough	78	45
DISEASES OF THE NERVOUS SYSTEM.		
Diseases of the Nerves :—		
Neuritis	56	20
Diseases of the cerebral meninges :—		
Meningitis .....	...	...
DISEASES OF THE BRAIN.		
Hydrocephalus congenital .....	...	...
Apoplexy .....	...	...
Epilepsy	59	3
Paralysis	2	...
Neuralgia	34	18
Hysteria .....	...	...
<i>Carried forward</i>	2,406	1,670

TABLE OF CASES TREATED AT THE GOVERNMENT DISPENSARY,
KOWLOON,—Continued.

DISEASES.	Number of Patients 1924.	Number of Patients 1923.
<i>Brought forward</i>	2,406	1,670
DISEASES OF THE NERVOUS SYSTEM,—Continued.		
Diseases of the Eye	2,346	2,293
" " Ear	1,222	1,240
" " Nose	18	30
" " Circulatory System	36	66
" " Blood	153	119
" " Respiratory System	2,944	2,159
" " Digestive System	2,707	2,013
" " Lymphatic System.....	207	3
" " Urinary System.....	185	181
" " Male Organs of generation ...	29	23
" " Female Organs of generation	137	99
" " Organs of Locomotion	559	604
" " Areolar Tissue	7,230	6,755
" " Skin	3,891	2,531
Beri-beri	334	235
Injuries, General	538	392
" Local	4,052	2,574
Poisons—Chronic Opium	4	3
Parasites:—		
(a) Animal	1,736	1,212
(b) Vegetable	745	474
New Growth non-malignant	55	19
" " malignant.....	1	9
Vaccinations	571	6,871
Physical Examinations	397	190
Total	32,503	31,765

Annexe O.

PUBLIC MORTUARY, VICTORIA.

REPORT BY GOVERNMENT BACTERIOLOGIST.

Report on post-mortem examinations.

	1924.	1923.
Male bodies examined,	2,148	2,545
Female bodies examined,	1,873	2,291
Bones only,	—	1
Skull only,	1	—
Total,	<u>4,022</u>	<u>4,837</u>
Claimed bodies sent from hospitals and other places,	3,142	3,583
Unclaimed bodies mostly abandoned,	880	1,254
Total,	<u>4,022</u>	<u>4,837</u>

Epitome of Causes of Death.

I.—Local Diseases :—

(a) Of the Nervous System,	67	62
(b) „ Circulatory System,	43	50
(c) „ Respiratory System,	2,219	2,168
(d) „ Digestive System,	168	238
(e) „ Genito-Urinary System,	17	12
(f) Of Diseases caused by Infection	718	1,189
(g) Diseases due to Disorder of Nutrition or of Metabolism	445	735
(h) Of Conditions affecting Child, result of Mechanical Causes	104	133
(i) Of Diseases of the Skin,	—	1
(j) Of Diseases of the Blood,	3	3
(k) Of Diseases of the Lymphatics,	—	1
(l) Malformations	3	3

II.—Deaths from Violence :—

(a) General,	51	62
(b) Local,	82	63

III.—General Undiagnosed Conditions,	102	117
Total,	<u>4,022</u>	<u>4,837</u>

Local Diseases.

(a.) Of the Nervous System:—

	1924.	1923.
Cerebral hæmorrhage	2	11
Hydrocephalus	3	2
Tuberculous meningitis	7	7
Cerebral tumour	1	—
Meningitis other than C. S. F. & Tuberculosis... ..	52	26
Cerebral abscess	1	—
Intracranial hæmorrhage,	—	—
Cerebral convulsion	1	7
Hydrocephalic brain	—	1
Hæmorrhage into peritorium	—	1
Shock	—	7
Total	<u>67</u>	<u>62</u>

(b.) Of the Circulatory System:—

Pericarditis	10	13
Acute ulcerative endocarditis	3	—
Congenital heart disease	—	2
Endocarditis... ..	4	1
Syphilitic aortitis... ..	—	—
Valvular disease of heart	7	—
Fatty heart	1	—
Atheroma,	—	—
Atheroma aorta	1	10
Rupture of aneurysm of aorta	5	6
Aneurysm aortic	—	3
Dilated heart	—	—
Cardiac failure	1	2
Mitral regurgition	—	3
Aortic regurgition	—	1
Pyo-pericarditis	—	—
Rupture coronary artery	—	1
Syncope	—	3
Hæmorrhage into pericardium	—	1
Heart failure,	7	2
Patent foramen ovale	—	1
Internal hæmorrhage... ..	2	1
Arterie sclerosis	1	—
Acute encephalitis	1	—
Total	<u>43</u>	<u>50</u>

(c) Of the Respiratory System:—

1924. 1923.

Broncho-pneumonia & bronchitis,	1,458	1,477
Pneumonia	36	22
Tuberculous broncho pneumonia	21	—
Pleurisy	5	27
Pulmonary tuberculosis	442	261
Abscess of lungs	—	3
Bronchiectasis	—	—
Empyema	53	71
Infarct of lungs	—	—
Lobar pneumonia... ..	181	234
Lacerated lungs	—	—
Neoplasm, R. lung	1	—
Dermoid cyst of thoracic cavity,	—	—
Pleuritic effusion	—	3
Atelectasis	2	16
Miliary tuberculosis	15	22
Phthisis	5	31
Pulmonary abscess	—	1
Total	<u>2,219</u>	<u>2,168</u>

(d) Of the Digestive System:—

Tabes mesenterica	1	3
Peritonitis	18	24
" tuberculous	—	5
Enteritis	102	164
" tuberculous	2	—
Gastritis	—	—
Acute gastro-enteritis	2	15
Perforated gastric ulcer	3	—
Tumour of liver	—	—
Carcinoma of liver	—	1
Cirrhosis of liver... ..	8	6
Abscess of liver	—	1
Suppurative cholangitis	—	—
Colitis	5	1
Ulcerative colitis	—	—
Dysentery	8	3
Strangulated umbilical hernia	—	—
Acute intestinal obstruction	3	1
Intussusception	1	2
Intussusception of bowel	—	1

Carried forward ... 153 227

Digestive System,--Continued.

	1924.	1923.
Brought forward ...	153	227
Intra peritoneal haemorrhage	—	—
Intra abdominal haemorrhage	—	—
Pyloric stenosis	—	—
Icterus	—	—
" neonatorum	4	9
Gangrenous appendix	—	1
Infective jaundice	3	1
Tumour of Colan... ..	2	—
Acute catarrhal jaundice	6	—
Total	168	238

(e.) Of the Genito-Urinary System :—

Acute nephritis	10	2
Pyelo nephritis	1	1
Chronic nephritis	6	6
" interstitial nephritis	—	1
Pyonephrosis	—	—
Purulent salpingitis	—	—
New growth of kidney	—	—
Pyelitis	—	—
Contusion of testicle	—	—
Uraemia	—	1
Hæmorrhage into peritoneal cavity	—	1
Total	17	12

(f.) Of the Diseases caused by infection :—

Small-pox	278	709
Diphtheria	15	7
Enteric fever	25	99
Measles	4	2
Cerebro-spinal fever	16	21
Malaria	113	186
Septicæmia	14	9
Pyæmia	2	4
General tuberculosis	147	78
Syphilis	99	65
Mumps	—	—
Ankylostomiasis	—	—
Carried forward ...	715	1,183

Of the Diseases caused by infection:—
Continued.

	1924.	1923.
Brought forward ...	715	1,183
Influenza	—	1
Puerperal fever	—	2
Abscess of neck	1	1
Abscess of chest	—	1
Leprosy	—	1
Scarlet fever... ..	2	—
Total	718	1,189

(g.) Diseases due to Disorders of Nutrition or of Metabolism :—

Marasms	234	—
Beri-beri	211	212
Inanition	—	495
Immaturity	—	28
Total,	445	735

(h.) Conditions affecting Child, result of Mechanical Causes :—

Still birth	43	36
Premature birth	60	95
Injuries at birth	1	2
Total,	104	133

(i.) Of Diseases of the Skin :—

Epithelioma	—	—
Erysipelas	—	1
Total	—	1

(j.) Of Diseases of the Blood :—

Septicæ, jaundice... ..	—	1
Spleno. med. leukaemia	1	1
Toxaemia	1	1
Splenic anaemia	1	—
Total	3	3

(k.) Of Diseases of the Lymphatics :—

	1924. 1923.	
Lymphosarcoma	—	—
Status lymphaticus	—	1
Total,	—	1

(l.) Malformations :—

Anencephaly	1	1
Obstructive foundice	—	1
Congenital pyelic structure..	—	1
Congenital malformation of visera... ..	2	—
Total	3	3

Deaths from Violence.

(a.) General :—

Multiple injuries	7	1
Hanging and asphyxia by ligature	1	10
Asphyxia and suffocation	4	5
Drowning	18	18
Opium poisoning	4	5
Carbonmonoxide poisoning... ..	—	—
Burns and scalds	12	5
Electrical shock	4	5
Starvation	1	3
Exposure	—	—
Strangulation	—	6
Septic poisoning	—	2
Morphin poisoning	—	1
Senile decay	—	1
Total	51	62

(b) Local :—

Bullet wound of heart	1	1
" head	1	2
" abdomen	2	1
" neck	—	1
" aorta	—	—
Stab wound of heart	1	—
Injuries to brain	46	29
" spinal cord	2	1
Carried forward	53	35

Local,—Continued.

	1924. 1923.	
Brought forward	53	35
Wound of neck	—	1
" throat	—	—
" head	—	1
" abdomen	1	1
Fracture of skull	12	11
" spine	—	—
" pelvis	1	—
" ribs	1	1
" cervical vertebrae	—	1
Crushed chest	—	—
Dislocation of cervical vertebrae	—	—
Rupture of spleen	7	1
" " and liver	—	—
" stomach	—	—
" intestine	—	—
" liver	2	1
" aorta	—	1
Haemorrhage from wound	2	5
Contusion of brain	—	1
Concussion	1	1
Internal haemorrhage	2	1
Haemorrhage into plura	—	1
Total	82	63

General Undiagnosed Conditions :—

Undiagnosed	—	—
Decomposed bodies	54	84
Skeleton only	2	3
Bones only	—	1
Foetus only	—	—
Skull only	1	1
Placenta only	1	—
Decapitation	2	1
Taken for use in School of Anatomy, Hongkong University... ..	42	28
Total	102	117

Total small-pox cases	278	13 claimed.	265 unclaimed.
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Number of bodies sent to Public Mortuary (Victoria) during 1924.	Victoria.	Harbour.	Shankiwan.	Other Villages.	
Chinese	4,009	3,951	48	182	188
English	5	3	1	...	1
Indian	6	2	3	...	1
Japanese	1	1	...	...	...
Portugues	1	1	...	...	...
Total.....	4,022	3,598	52	182	190

PUBLIC MORTUARY, KOWLOON.

	1924.	1923.
DISEASES CAUSED BY INFECTION.		
Diphtheria,	—	2
Dysentery,	26	19
Enteric :—		
(a) Typhoid fever,	7	19
Leprosy,	1	—
Malaria (c) Sub-tertian,	146	97
Measles,	2	16
Meningococcal infection :—		
(a) Cerebro-spinal fever,	2	17
Plague,	—	31
Septicæmia,	11	14
Small-pox,	403	232
Syphilis :—		
(a) Acquired,	—	1
(b) Congenital,	113	69
Tetanus,	6	1
Tuberculosis,	50	39
	767.	542
DISEASES OF THE NERVOUS SYSTEM.		
Diseases of the Cerebral meninges		
Acute Suppurative Inflammation	—	1
Tuberculosis,	—	1
DISEASES OF THE BRAIN.		
Apoplexy,	5	3
	5	5
DISEASES OF THE CIRCULATORY SYSTEM.		
Inflammation of the Pericardium :—		
(a) Sero-fibrinous,	—	2
(b) Suppurative,	6	1
Inflammation of the Endocardium :—		
Malignant Endocarditis,	—	2
Chronic inflammation of mitral valve,	3	3
Chronic inflammation of aortic valve,	7	4
Fatty degeneration of myocardium,	7	2
Aortic aneurysm,	5	2
	28	16
<i>Carried forward,</i>	800	549