## Annual medical and sanitary report / Saint Vincent.

## Contributors

Saint Vincent. Chief Medical Officer's Office.

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## SAINT VINCENT

C.F.

## ANNUAL MEDICAL

AND

# SANITARY REPORT

1932.

KINGSTOWN : PRINTED AT THE GOVERNMENT PRINTING OFFICE.

1933.



## SAINT VINCENT

## ANNUAL MEDICAL

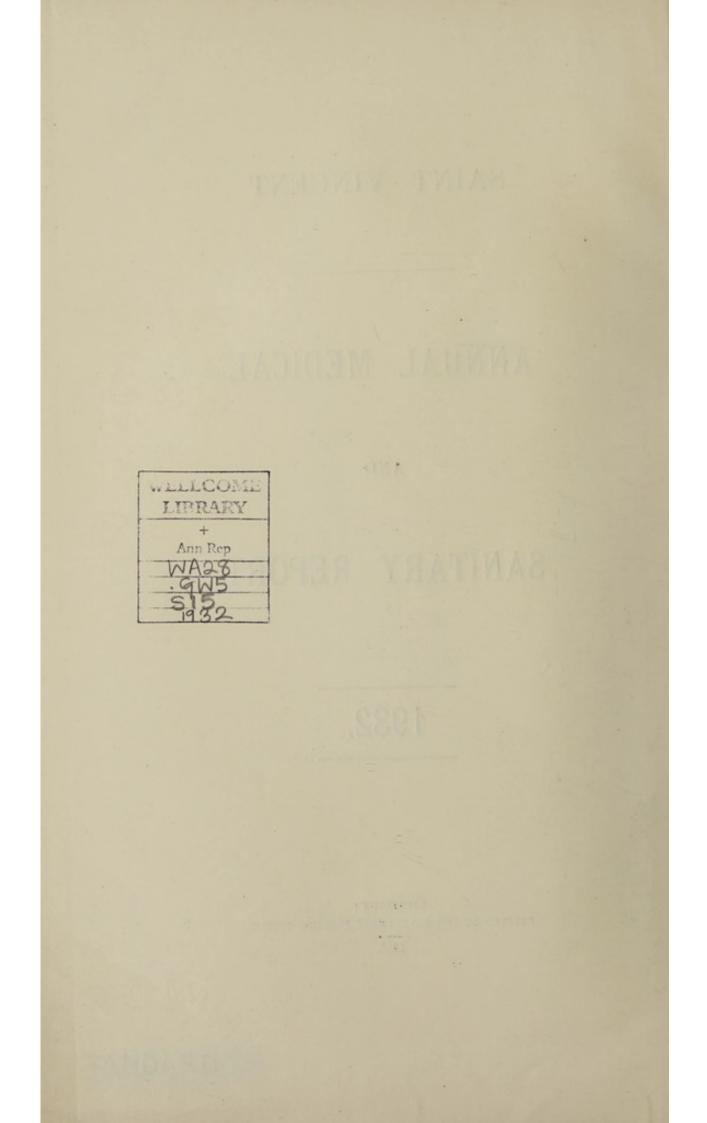
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#### SAINT VINCENT.

## CHIEF MEDICAL OFFICER'S OFFICE, KINGSTOWN, 27th March, 1933.

Sir,

I have the honour to submit for your information and of His Excellency the Governor and for transmission to the Right Honourable the Secretary of State for the Colonies, the Medical Report on the Health and Sanitary conditions of Saint Vincent for the year 1932 with the returns etc., appended thereto.

I have, etc.,

STANLEY BRANCH, Chief Medical and Health Officer.

The Honourable

COLONIAL SECRETARY,

Saint Vincent, (359/1933).

## REPORT ON THE MEDICAL DEPARTMENT FOR THE YEAR ENDING 31ST DECEMBER, 1932.

#### I. Administration.

(a) STAFF.

Dr. Branch, Chief Medical and Health Officer resumed his duties on 17, 1, 32.

Dr. Lai Kiow, Resident Surgeon was granted 5 months and 22 days leave on full pay from 23, 2, 32 followed by 6 months and 9 days leave on half pay. During his absence the Medical Officer No. 1 District acted as Resident Surgeon to 5, 4, 32. After this date Medical Officer District 2 South acted as Resident Surgeon in conjunction with the duties of part of his district. He resided in the Resident Surgeon's quarters. The other portion of District 2 South was served by the Medical Officer District 2 North.

Dr. Brereton was confirmed in his appointment as a Medical Officer in the Windward Islands Medical Service as from 18, 12, 31.

Dr. Gallwey, Medical Officer District 5 was granted 28 days sick leave followed by 28 days vacation leave from 29, 10, 32. During his absence the Medical Officers of Districts 3 and 4 assisted in the discharge of the duties.

Dr. Slinger, Medical Officer District 1 was granted 28 days sick leave from 27, 7, 32. His duties were performed by the Chief Medical Officer and the Acting Resident Surgeon.

Miss Shaw, the Nurse-Matron, was granted 28 days leave on full pay from 12, 2, 32.

Mr. Chapman, the Chief Sanitary Inspector was granted 14 days casual leave from 31, 5, 32.

Many and various departmental changes and periods of leave were arranged for among the Junior Staff of Dispensers, Sanitary Inspectors and Nurse-Midwives.

Miss Amy Cropper, Clerk, Medical Department, resigned her position on 31, 8, 32. She left the Service to be married to Dr. Stewart, a previous Medical Officer. Miss Dorothy Grant was appointed to the vacancy.

(b) Ordinances Affecting the Public Health Enacted During the Year 1932.

1. Cap. 24. Indictable offences—a subsection was added to provide for the punishment of officers etc., of Institutions for the abuse of female lunatics. No. 8 of 1932.

The following sets of Regulations received Legislative sanction-

(a) Under the Public Health Ordinance-

 Prohibiting the use of Saccharine in the preparation and manufacture of aerated waters.

2. Governing the sale of milk.

3. " bake houses.

4. , food vendors and food vending establishments.

5. With respect to Mosquitoes.

(b) Under the Lunatics Ordinance-

1. Regulations for the Government of the Saint Vincent Mental Home.

FINANCIAL.

The Revenue and Expenditure for the years 1931 and 1932 are herewith shewn :----

REVENUE.		193	1.		193	2.	
Receipts from Hospital and Graham Wing ","," Dispensaries ","," Police and Prisons		£ 85 230 22	-	d. 11 10 4	ی 59 190	5	d. 7 11
ath Officie respect his sinner an 17. 1. 22.	11	339	4	1	250	0	6
EXPENDITURE.		193	31.		193	32.	
Personal Emoluments Other charges		£ 7,009 6,176	18	d. 9 6	£ 7,210 6,426		d. 5 11
		13,186	16	3	13,637	11	4
Revenue of the Colony		102,803	1	8	93,594	9	3
Expenditure due solely to Sanitation :	-	T AND THE	-	1.31/	Since	50	Pare 1
and the poster is dealer the set of	ipa's	193	31.	1.1.1.1. 2.1.1.5	192	32.	1.7
a. Personal Emoluments b. Travelling Allowances c. Sanitary Measures			s. 10 0 16	d. 0 0 10			d. 8 2 4
Totals		2,286	6	10	2,375	2	2

The allocation of the Expenditure "Sanitary Measures" was arranged under the following sub-heads.

		19	31.		11	32.	
to the difference of the second states of the second second second second second second second second second se	1.0.	£	s.	d.	£	8.	d.
1. Kingstown Scavenging and Cleaning		795	16	2	796	12	4
2. Small Towns		311	13	2	331	4	0
3. Anti-mosquito work*		14	11	1	63	13	7
4. Rat Destruction		1	2	7	2	18	3
5. Public and School Latrines		61	4	0	102	7	9
5. Vaccines and serums (including refrigeration)		101	1	8	40	2	8
7. Disinfection of premises		9	16	7	12	4	8
8. Rent of Office		50	5	0	50	5	0
). Miscellaneous (including Publicity and Propaganda)		16		8	19	15	7
0. Incinerator			17		32	-	6
Totals		1,386	16	10	1,451	5	4

\* This increase in expenditure is due to canalising the Judge's Lodge Ravine.

#### II. Public Health.

1. General Remarks. The sickness recorded in the Districts by the various Medical Officers, as well as the numbers treated in the Institutions are shewn in the following table with the corresponding figures for 1931 :---

	1931.	1932.	
Attendances at Dispensaries	 \$4,997	35,477	
Colonial Hospital-In patients	 1,191	1,183	
	 304	413	
Casualty Hospitals (2) In patients	 73	141	
Pauper, Lunatic and Leper Asylums	 184	175	
Totals	 36,749	37,389	

The attendances at the district dispensaries continue to show considerable increase. The above are exclusive of persons attended by the resident dispensers at Sandy Bay, Bequia and Union Island. Whooping cough continued to be prevalent in the 4th district during the year.

The number of deaths exclusive of still-births was 682 as compared with 899 in 1931. Deaths of children under 1 year 188; deaths of children from 1 to 5 years 101. Still-births numbered 128 as compared with 119 in 1931.

Diarrhœa in children under 2 years of age was prevalent in every district throughout the year, 1,100 cases were recorded with 70 deaths. In persons over 2 years of age there were 359 cases and 26 deaths. The type was milder than was experienced in 1931.

The year 1932 was very much more healthy than 1931. The increased number of attendances at dispensaries does not necessarily mean increased morbidity. When work is slack the peasant finds more time to look for a bottle of medicine for himself or child especially when it can be obtained free of cost under the plea of lack of purchasing power due to agricultural depression.

#### 2. Communicable Diseases.

Mosquito or Insect borne-Malaria.

The district returns recorded 942 attendances and 10 deaths; 33 cases were treated in the Colonial Hospital without any deaths.

That portion of the coastal belt of District 2 South extending from Clare Valley to Buccament Bay and including Cane Grove Village was heavily infected with Anopheles Argyritarsis during the months of July and August. A mild epidemic of Malaria broke out in this area; 242 cases occurred in a short while. Measures for control were instigated and carried out by the Sanitary Department from the start. There was daily house to house inspection by the Sanitary Inspector, District Dispenser and Nurse-Midwife followed by intensive quinine medication. At the same time active measures were taken to drain where necessary or fill in the existing pools.

Malaria is more prevalent in District 2 South than in any other District of the Island, and makes itself evident with varying degrees of intensity every year at the height of the rainy weather when there is a considerable rise in the level of the subsoil water and the formation of numerous breeding pools throughout the affected area.

It was a surprise to note 4 deaths from Malaria in the 4th District, Anopheline breeding places are known on the Windward side of the Island but during the past five years malaria has not been a cause of much trouble in that locality.

344 ozs. Quinine Sulphate costing £37 was issued for use during the year. Infectious Diseases—Enteric fever.

There were 20 cases and 2 deaths as compared with 83 cases and 17 deaths in 1931. No case is recorded as having occurred in the area of the epidemic of 1931. Excluding the abnormal figures of 1931 the yearly average Typhoid incidence for the period 1927-1932 is 12'8 cases and 3'2 deaths for the entire Colony.

Distribution.		Cases.	Deaths.
Kingstown	ounted Surpu	7	following table
District 1		8	-
., 2 (South)		1	Attend Tuners at
,, 3		4	
Totals		20	
1st Quarter		5	ideold Support
2nd		4	
3rd _ ,,		2	
4th .,		9	2
Totals		20	2

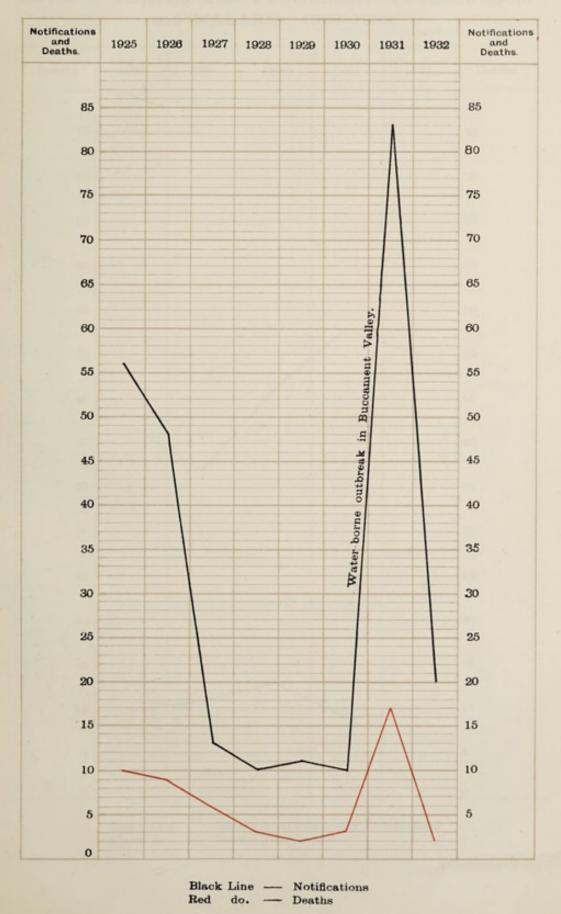
In the Kingstown area 6 cases occurred among 2 families on the Road directly east of the Colonial Hospital. They gave the impression of a common source of infection; they were all collected, isolated and notified within a fortnight. In District 3 one fatal case was isolated from the Escape barracks, and 3 cases, children, from one house at Calder. Whenever a case of the Enteric group is notified a mass inoculation of the contacts and the residents of the neighbourhood is carried out. In this way during the year 780 persons were inoculated.

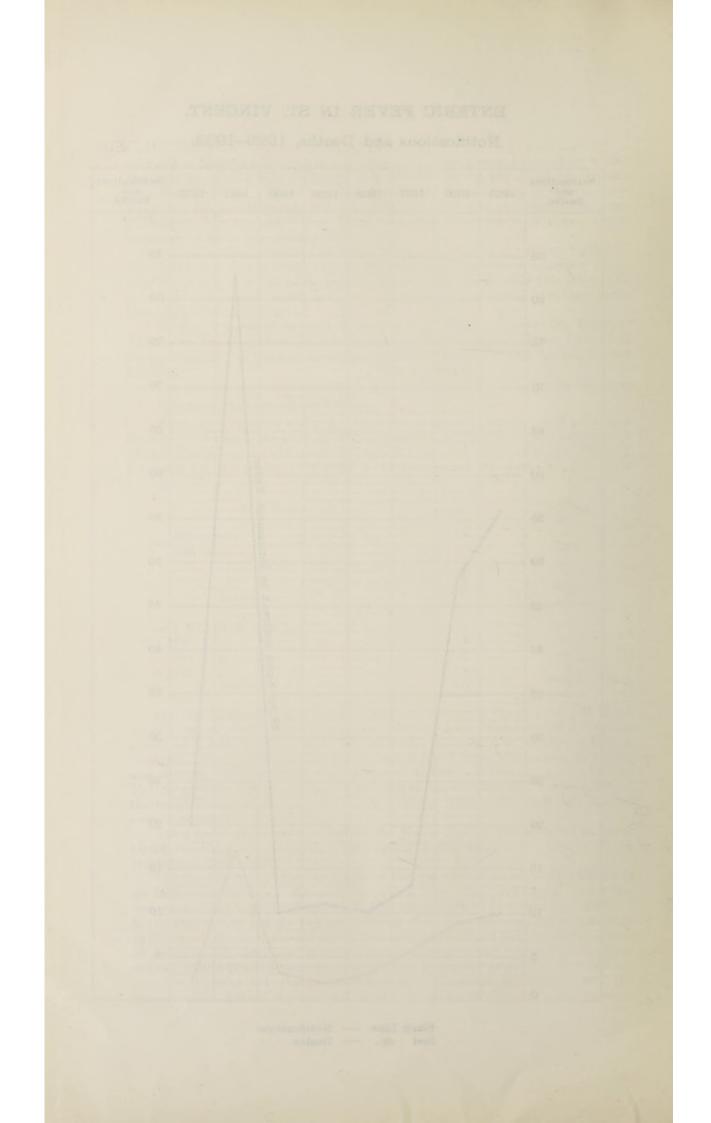
As a result of the cases at Calder the Mahoe Spring was screened and protected from possible pollution. This spring is the main water supply of the residents in this locality.

In the control of infectious diseases the practice of terminal disinfection is no longer insisted on. Whenever a person dies of an infectious disease the occupiers of the house are required to give the house and furniture a good cleaning and scrubbing and the bed and bedding thorough washing and exposure in sunlight. "We have already stated that most experienced workers in the sphere of public health share the views we have expressed, that the most important sources of infectious disease are to be found in living beings and not on inanimate objects. Persons not things are dangerous. Terminal fumigation and the extensive disinfection of places and objects by means of chemical solutions cause

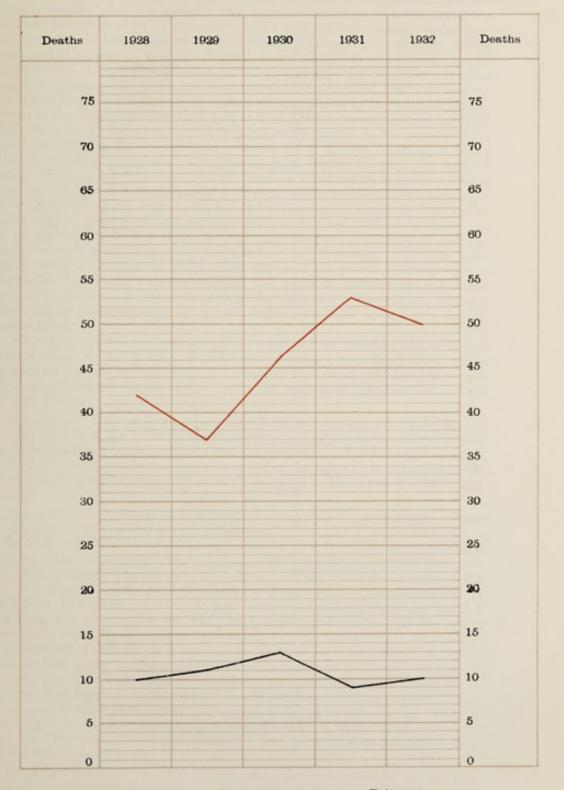
## ENTERIC FEVER IN ST. VINCENT.

## Notifications and Deaths, 1925--1932.





### ST. VINCENT



## Curves of DEATHS from PULMONARY TUBERCULOSIS and MALARIA, 1928-1932.

Red Line — Deaths from Pulmonary Tuberculosis Black do — Deaths from Malaria

#### ST. VINCENT

## Corves of DEATHS from PULMONARY TOBERCOLOSIS and MALARIA 1998-1992

-

in the first place a useless disturbance to the patient after his cure, or to his householders by subjecting them to measures that are always troublesome and generally costly. But the greatest objection to this method arises from the confidence that it inspires in the public mind and among sanitary authorities. They are led to believe in the sovereign efficacy of terminal disinfection, which is supposed to destroy all sources of infection and effectively prevent the spread of the disease. Owing to this belief, sanitary authorities neglect other and more important measures, and those in attendance on the sick omit the little precautions whose performance during the course of the illness is essential for safety. So soon as the disease has departed, that is to say, when the sick person has died or been removed to Hospital, the Sanitary authority appears on the scene with its belated activity ; but by this time the transmission of disease infection to others has already taken place, and new persons have begun to play the part of " carrier " Some say that the value of terminal disinfection is really a matter of psychology, that it is done in order to reassure public opinion. This argument would imply that those responsible for the public health ought to bow to the most inveterate preconceptions and the most antiquated notions while all the time recognising the futility of the measures that they are continuing to practise. I think that this way of regarding the question is all wrong. Far from subscribing to it I think that one of the chief duties of the public health worker is to endeavour to lead the public mind upon the paths of progress and enlighten-ment and to convince it that fumigation of rooms and indiscriminate washing with antiseptic solutions has scarcely any value and rests upon a very slender scientific basis.

We ought to banish from the public mind a false belief in the utility of processes which we know are not useful and especially to instruct those whose duties are by the sick bed regarding the measures that are essential and indispensable during the course of the illness." (On the practice of Terminal Disinfection by Carlos Chagas.)

Diphtheria. Only a single case with a fatal termination was recorded. It was the little girl of the Chief Sanitary Inspector. The condition was recognised too late to gain any advantage from antitoxin treatment. The source of infection was not traced. The child had never been out of the Island. It is surmised that one of the elder children, who were in St. Vincent on holiday from Trinidad, may have been a carrier.

Tuberculosis. 74 cases were notified of whom 63 were pulmonary. There were 52 deaths, 50 of whom were Pulmonary.

During the year the Administrator had the Low Point building renovated and turned into a home for female patients suffering from Pulmonary Tuberculosis. The building formerly used as a Yaws Hespital is situated on one of the lower but exposed bluffs of Fort Charlotte promontory. Accommodation is provided for 10 female patients. It was opened in October; funds are derived partly from a Government grant and partly from subscriptions. It has never vet had more than 7 patients at any one time.

Pulmonary Tuberculosis is not on the increase in this Colony. When it does occur it is a very serious condition and almost always ends fatally in a short space of time. The District Medical Officers are quite emphatic in their statements that they have not seen two cases in any one house in their districts during the year, and most of them report the absence of direct contacts among members of any family in which one person has been afflicted. Unfortunately this is not always so. In District 1 there is a family, very poor Portuguese, which in 3 years has lost 4 children.

Yaws and Syphilis. In 1934 the recorded injections numbered 28,368, at a cost of  $\pounds 200$ . In 1932 injections numbered 25,758 at a cost of  $\pounds 190$ ; Arsenicals were valued at  $\pounds 183$ , Bismuth preparations at  $\pounds 7$ . "Sobita" continues to give satisfaction; the case with which it can be given, comparative painlessness, low

toxicity and unlimited supply at a very low cost, are undonbted points in favour of its use in mass treatment. In cases of Syphilis, especially tertiary manifestation, and late obstinate tertiary yaws, most Medical Officers prefer and think they get better results from Arsenicals. It is gratifying to note the continued decrease in the price of Arsphenamines.

Vital Statistics.	1931.		1932.
Estimated Population	 47,961.	Census returns	49,665
(Estimated increase in 1932	6 (11) 200		1,704)
Births, excluding still-births	 1,852		2,002
Birth rate per 1000	 41.09		40.31
Still-births	 119		128
Percentage of live to still-births	 6.04		6.39
Total deaths	 1,018		810
Death rate per 1000	 21.23		16.31
Deaths of children under 1 year			
(excluding still-births)	 281		188
Infant mortality per 1000 births	 162		94

CAU	SES	OF	DE.	ATH	•

		District I.	District 2 (South).	District 2 (North).	District 3.	District 4.	District 5.	Grenadines.	Total.
I. Infectious and Parasitic Diseases.	1	14			and a				heaters
1. Typhoid Fever		2		12.112	1.19	10 100			2
9. Whooping Cough				12 10	HITS	7	11 34		ĩ
10. Diphtheria		1				100 g		1923	1
11. Influenza					1				1
22. Tetanus		3	1		58	1	1		11
23. Tuberculosis Pulmonary	3	25	2	2	8	8	4	1	50
25. Tuberculosis Peritoneal		1		1.00					1
32. Taberculosis Disseminated		1			-				1
34a. Syphilis Congenital		53	1	1 2	5		6	1	19
34b. Syphilis acquired		1	T	ĩ	1		10.1	1	8
36. Septicæmia 38. Malaria		1	4	1	-	4			3 ·
39. Yaws		2	4	-		i			10
42. Ascariasis		7	10	2	6	5	5	1	36
								1	
II. Cancer and other Tumours.				1					1 Par
46. Cancer of Digestive Organs		2	2		1. 7	P. I. I.	1		5
47, " Respiratory "		1	1	1.11	111	1000		Parente.	1
48. ", "Uterus		1	1	inst-		12.0	1	1	4 4
49. ", " other female genitalia		1	1103	11.9	Urp		1 2	DOM:	Pline1
50. " " Breast		1	10.1	1		1		m h	3
51. ", " Male genito-urinary		1		and to be		1	-		2
52. ,. ,, Skin 53. ,. ,, other organs		1		and the second	2		1.17	1	1
53, ., other organs 54. Non-malignant Tumours		3	11	1	~			1	3
55. Tumours of undetermined nature			1	-					1
on randono or undetermined hutare			-						
III. Rheumatism, Diseases of nutrition and	1.71			111111			F 100	1.1	ny out
Endocrine glands.	100						2.2	1101	COR IN -
59. Diabetes		3	1	1		- 111-1			5
67. Diseases of the Thymus				-		1	- Geo		- 1
IV Discours of the Bland forming success							Courses		
IV. Diseases of the Blood forming organs.			1	1		1			and the second
71. Anæmia				1		TRE			1
Carried forward		66	28	13	29	29	18	6	189

All Personality All Pe	The second second	DISURCE 1.	District 2 (South).	District 2 (North).	District 3.	District 4.	District 5.	Grenadines.	Total.
Brought forward	6	6	28	13	29	29	18	6	189
V. Chronic Poisoning.			harde						a.uz
76. By organic substances						2		1455	2
VI. Diseases of the Nervous System.							aus		
79. Meningitis		1					1.11	1	2
82. Cerebral Hæmorrhage		6	2	3	9	1	6	1	28
84. Other forms of Insanity		2		1000		Share	1		$228 \\ 28 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 1$
85. Epilepsy 86. Infantile convulsions							1	0.020	1
87. Other diseases of the Nervous System						1	1		2
or other and an increase of the reasons of them						1			T
VII. Diseases of the Circulatory System.								1	S. Tak
91. Acute Endocarditis		1					1000	1	1
92. Valvular Disease		7	2	1	7	2	4	17.5	23
93. Diseases of the Myocardium 94, of the Coronary Arteries	1000	2	1		3		2	1	9
94, of the Coronary Arteries 95. Other Diseases of the Heart		1			0	0	1	Diritini.	1 5 2 8 6 3
96. Aneurysm		1			2	2			0
97. Arterio-Sclerosis			6		2				8
98. Gangrene		3	2	1	~				6
00. Diseases of the Veins		1	1	1					3
					1.00	1.2.1	hills		SI TOK
VIII. Diseases of the Respiratory System. 06. Bronchitis					-	10			
07. Broncho-pneumonia		3 2	4	7	72	12	11		37
08. Lobar Pneumonia		2	1		ĩ	1			13
09. Pneumonia (not defined)		~			1		-	-	0 1
10. Pleurisy		2							3 1 2 5
12. Asthma		1	1	2				1	5
X. Diseases of the Digestive System.								100	
17 Illean of the Stowash		1							
18 Other discusses of the Stomach		1		1 Lin			1		1
19. Diarrhoea (over 2 years of age)		6	5	1	7	5	2		
20. Diarrhœa (under 2 years of age)	1		8	3	18	24	3	3	26 70 3 2 2
22. Intestinal obstruction		2		1					3
					4	2			2
24. Cirrhosis of the Liver 27. Other diseases of the gall bladder					1	1			
00 Davitanitic without stated cance					1	1	1		2 1
					-				Ť
X. Non-Venereal Diseases of the Genito-	01			0					
Urinary System and Annexa.									
		-	1		2	7			10
29 Nonhritis (not defined)	23	7	1		3	3	3		17
35. Diseases of the bladder						1			1
37. Diseases of the Prostate		2	1			1			1
29 Discover of the famale Ganitalia		1	-					The last	$\frac{3}{1}$
I. Diseases of Prognancy and the Puerperal State.					•				
15 Duornoral Sansia		1							1
46. Paerperal convulsions		1					1		2
19 Other accidents of childhirth		1					1		$\frac{2}{2}$
		-							13 13 12

CAUSES OF DEATH .- Continued.

### CAUSES OF DEATH .- Continued.

Luncourt L		District 1.	District 2 (South).	District 2 (North).	District 3.	District 4.	District 5.	Grenadines.	Total.
Brought forward		. 134	64	33	96	96	56	13	492
XII. Diseases of the Skin and Cellular Tis 151. Carbuncle	ssue. 		2		-	Garin.			2
XIV. Congenital malformations. 157. Spina bifida &c.				1		1. 1	2	1	4
XV. Diseases of early Infancy. 158. Congenital Debility 159. Premature Birth 161. Other Diseases		. 12 . 4 . 1		3	9.5.3	5	6	24	40 12 9
XVI. Old age. 162b. Other forms of Senile Decay		. 34	14	1	12	9	5	5	80
XVII. Deaths from Violence. 174. Homicide by cutting Instrument 181. Accidental Burns 183. Accidental Drowning 186. Accidental injury by fall 198. Execution		. 2	22	1		1	1	1	2 3 4 2 1
XVIII. <i>Ill-defined Diseases.</i> 200. Cause of Death ill-defined		. 2	2	3	7	10	6	1	31
		192	91	42	132	122	76	27	682
		1	st Qr.	2nd	Qr. :	Brd Qr	. 4th	Qr.	Totals.
Still-Eirths St. Vincent ., ,, Grenadines			42 3	2	7	24 2		26 2	119 9
Totals		-	45	2	9	26		28	128
			Ma	les.		Fema	les.		
Still-Births St. Vincent Grenadines Still-Births Legitimate 25. Illegitimate 103.			7	1		48 5			119 9

#### III. General Measures of Sanitation.

Severage Disposal. The septic tanks in and around Kingstown now number 33. They are giving satisfaction.

At Edinboro the emptying of contents of latrine pails into the sea created a nuisance on the foreshore and affected the bathing at this seaside resort. The conservancy was changed; privy cess-pits have been substituted for pail latrines, or disposal pits provided for receiving the contents of pails.

The public latrines throughout the Colony were kept in repair and regularly cleaned during the year.

409 privy cess-pits, 32 pail latrines and 3 septic tanks were installed.

428 latrines were repaired following on verbal instructions by Sanitary Inspectors. There are still localities in which the people, from sheer indifference, will not keep their latrines in a state of repair unless driven to do so. Scavenging and refuse disposal. 1,505 tons of house refuse and street sweepings were collected in Kingstown and destroyed by Incinerator and trenching. The refuse collected amounted to 3,110 cartloads, equivalent of 3,764 cubic yards.

In spite of the Regulation requiring metal covered dust bins, unsightly boxes are still seen here and there in Kingstown, the householder pleads poverty when pressure is being brought to bear on him.

There are 31 public dust bins in Kingstown, moveable metal receptacles placed in the market Square and in poorer sections of the Town. In the small towns the scavenging service was well maintained. 8,962 dockey-cart loads of rubbish were removed.

During the year with the help of the Colonial Development Funds Watson type of Incinerator was erected in the small towns of Georgetown, Layou, and Chateaubelair. Each of the five small towns of the Colony is now thus supplied.

The Kingstown Incinerator and the road of approach cost £27 for maintenance and repairs.

Drainage. The concreted drains laid down in Georgetown, Chateaubelair, Barrouallie and Calliaqua have given satisfaction. The scheme for Kingstown to abolish the central underground sewer has not yet materialised.

Kingstown, surrounded by a crescent of hills, is subject to occasional flooding in times of heavy rainfall. On October 8th there was a precipitation of over 4 inches of rain between 9 a.m. and noon. Certain portions of the Town were flooded to a greater extent than had been experienced for many years.

There are certain weak spots in the drainage system of the Town which if attended to and corrected would lessen the frequency of floodings.

The Tropical disturbance which occurred in the Caribbean during the early part of November affected the Leeward foreshore of this Island for many days. Huge groundswells lashed the coastline and in some cases forced their way inland. Quantities of debris were thrown up by the sea on the coast line of the towns; the outfalls of main drains were blocked with sand; collections of stagnant water soon became offensive. This was tackled quickly and efficiently by the Department but it involved increased labour and expenditure.

Water supplies. Colonial Development Funds enabled the completion of the "Sion Hill" water supply. The water is obtained from the Kingstown Board's supply at Richmond Hill and is pumped by a Hydram to a reservoir at an elevation of 400 feet. From the reservoir the water is distributed by gravitation. Besides being of considerable advantage to the people of the neighbourhood, it should result in a diminution of stegomyia in the area of supply.

Small water supplies from Spring sources in Mesopotamia and Calder Estate were efficiently protected from pollution. This affords a reasonably pure drinking water for the villagers in these areas.

With the exception of that from Colonarie River for the settlements along its course, the other local pipe borne supplies at Georgetown, Stubbs, Calliaqua, Layou, Barrouallie, Troumaca and Chateaubelair are drawn from Springs. At times such supplies are intermittent and the cause known but unfortunately correction is indefinitely delayed. Settlements in the Buccament and Cumberland Valleys and at Argyle still use raw river water for their drinking supply.

In Kingstown the rainfall was heavy and almost continuous during the year. There was practically no dry season. Even so the water supply was not continuous during the year. The progress of events leads one to foresee that in the near future there will be an insistent demand for a continuous and more liberal pipe borne supply for Kingstown and its immediate suburbs.

Clearance of bush and overgrowth. There has been no diminution in the activity of the Department in reducing overgrowth. In Kingstown the cutting down of trees is done for the householder free of charge. 1,486 trees were cut down and 2,410 trimmed as the result of notices or verbal directions by the Sanitary Inspectors.

There is still an excess of overgrowth in the villages. It is only by careful persistence that the owner can be induced to part with a breadfruit tree, even after it is explained to him that excessive numbers in a small area retard fruitful crops.

Sanitary Inspection and Work. 60,760 visits of inspection were made; 11,471 notices and verbal orders given; 10,172 were complied with; 444 latrines were built; 429 repaired; 4,252 yards and 405 hog swamps were cleaned; 150 drains were cleaned and 63 repaired; 747 accumulations of manure were removed; 23 dustbins were provided by householders and 29 repaired; 110 shops were scrubbed, 134 cobwebbed and 103 lime washed; 19 cake trays were rendered fly proof; 12 dwelling houses were repaired; 120 boats were emptied of stagnant water; 28 shop bins were built; 202 cesspits were deodorised.

Deratisation. 1,102 rats and mice were caught and destroyed. Traps are set and poisoned baits laid at the request of householders.

#### Housing and Town Planning.

The scheme for the erection of 100 two-roomed cottages for peasants by means of a loan from the Colonial Development Fund was carried out during the year. The houses, 20 ft. x 10 ft., 8 ft. high from floor to plate, are built of concrete slabs 18 ins. x 9 ins. x  $4\frac{1}{2}$  ins., and are roofed with wallaba shingles. 50 such houses were put up at Chateaubelair, the other 50 in and around Georgetown.

At Chateaubelair an area of land was purchased from the Petit Bordel Estate and divided up into building lots 75 ft. x 50 ft. This new settlement forms an extension of the small Town of Chateaubelair, to which it is connected by a concreted bridge over the Petit Bordel River. It is intersected by 3 good roads, has a pipe borne water supply with 4 stand pipes, and provided with a recreation ground. Each house has a pit latrine but no kitchen.

At Georgetown the houses are built on lots already the property of the persons for whom the houses are built. In some cases the lots were already vacant; in others dilapidated houses were removed to make room for the new ones. The new houses do not form a separate collection or settlement as at Chateaubelair. They are not provided with either latrines or kitchens. Ventilation is secured by fixed jalousies in the gable ends and over the door and window heads.

The houses are sold to the section of the population known as the labouring peasantry on the hire purchase system. On payment of the first monthly instalment of 6/5 the labourer is allowed to occupy the house. Thereafter he is required to pay monthly instalments on a fixed schedule until the purchase price—£55 is paid off. A maximum of 25 years is allowed for the payment.

Under the provisions of the "Dwelling House Regulations" 198 building notices were approved of and 128 buildings erected. These are exclusive of the "model houses" put up under the Colonial Development Fund.

The cardinal factors sought to be achieved by the regulations are: a minimum house spot of 75 feet x 50 feet, provision of sufficient ventilation  $\frac{1}{T_{0}}$  of the floor space, provision of a latrine, and living rooms with an area not less than 64 square feet, the exclusion of wattle and daub or trash houses from the small towns.

#### Labour Conditions.

With the expenditure of the Colonial Development Funds on more road reconstruction and house building schemes labour was well employed during the first eight months of the year. Thereafter there was a definite falling off. Towards the end of the year wages were reduced below a satisfactory living standard.

#### Food in Relation to Health.

Regulations dealing with the sale of milk, food vendors and food vending establishments, bake houses and the use of Saccharine in the manufacture of aerated waters, received legislative sanction and were put into force.

The food vending regulations require Registration and Medical Certification of all classes of food vendors. All certificates expire on June 30th and December 31st each year.

Numbered milk badges stamped with the year of issue and expiring at the end of every such year were introduced.

A type of milk pail fitted with a draw off tap and a small, capped opening on the top, was made compulsory. These regulations have resulted in a greater measure of control of food vendors.

Due in a large measure to the high standard of cleanliness set by the "Sanitary Bakery" there has been general improvement in the bake houses. There are 37 registered bake houses of which 7 are in Kingstown.

Provision shops are required to provide covered bins instead of barrels for keeping such fcod stuffs as flour, rice, peas, sugar, etc.

The establishment of a Government plant for making ice and ensuring cold storage at exceedingly cheap rates has brought the use of ice within the means of all members of the community.

One boat load of Jack-fish, 5 lbs. deep sea fish and 5 lbs. salted herrings were seized and condemned as unfit for human consumption.

#### School Hygiene.

Regular quarterly visits of inspection were paid by the District Medical Officers to the Primary Schools of the Colony. In his report each Medical Officer is required to note the number of children present, those recommended for medical treatment and those suffering from yaws, ulcers or skin diseases. In addition he is asked to comment on the school building, yard and latrine accommodation. Owing to lack of personnel and the necessary facilities the scope of the inspection is a limited one.

In a large percentage of cases the school buildings are described as overcrowded. It is estimated that only 65% of the children of school age are on the school registers, and the average attendance about 56%.

The Methodist Missionary Society have established a "Community School" at the Glen in the 3rd Medical District, about a mile beyond the small town of Calliaqua. The Institution has as its main object an education which will equip the pupil for taking his place in the life of the community after leaving school. It is a valuable educational asset.

The Sanitary Department is responsible for the erection and maintenance of all school latrines. The managers of schools are responsible for the scavenging and cleaning. There has been a great and steady improvement since the Department was made responsible. Under Denominational control owing chiefly to lack of funds, the latrines were usually badly constructed or in conditions of disrepair. The present condition is much more satisfactory.

Duri	ng 1932 the following work	was done :					
New	Latrines Erected.						
1.	Spring Village Wesleyan.	3 compartmen	nt				
	privy cesspit			£ 16	1	8	
2.	Belle Vue Roman Catholic.	3 compartme	nt				
	privy cesspit			15	14	8	
3.	Biabou Wesleyan. 3 com	partment privy					
	cesspit .ddf.oli c.t.	LOT of Lot		13	17	1	
4.	Westwood Wesleyan. 3 c	compartment pr	ivy				
	cesspit			18	19	11	
b. 1	Reconditioned Latrines.						
	Troumaca Government. '	'Kentucky" c	on-				
	verted into privy cesspit			6	2	10	
2.	Owia Anglican. Repaired		to				
	new site			8	3	10	
3.	Gomea Wesleyan. Gener	al repairs		4	13	10	
	Union Wesleyan. Repaire		to				
	new site	a line bas		4	15	8	
c. 1	Minor Repairs.						
	Lowmans Anglican	adame beef him		2	11	1	
	Grammar School				4	õ	
	Belair Anglican	these based and			3	6	
4.	Marriaqua Government	·			3	7	
	Stubbs Government				17	0	
6.	Kingstown Wesleyan			1	7	3	
7.	Buccament Government			3	15	3	
8.	Layou Government				5	0	
	Canouan Government				3	8	
	Brighton Wesleyan				4	9	
	Paget Farm Anglican				3	2	
	Total			£ 109	7	9	
	Total	ReitoadaB		£ 102	7		

Measures taken to spread the knowledge of Hygiene and Sanitation.

With the development of a sanitary conscience among the labouring classes the role played by the Sanitary Inspector in the everyday life of the people is becoming more evident. Previously he was looked upon as an excressence and a distinctly unwelcomed visitor; now he is accorded a measure of usefulness and responsibility; he is called upon to investigate many and various complaints and have them remedied. Recent Public Health Legislation has tended to bring the Inspector into more intimate touch with the General Public. In turn this has given him increased opportunities for discussing health matters.

Lantern lectures, health talks and the distribution of Public Health Literature were continued throughout the year. The Department is grateful to the editor of the "Vincentian" for readily publishing articles on health topics and for distributing leaflets printed at his own cost, throughout the Colony. One of the most successful lantern lectures was given at the Park Hill Village accompanied by an address by the Chief Medical and Health Officer on pride and ambition in reference to sanitary progress.

In response to a request from the Education Department the Chief Sanitary Inspector gave a correspondence course in Hygiene to candidates preparing for a Pupil Teachers' examination.

No course of training was given during the year. All the District Sanitary Inspectors are now locally qualified; in addition nine other persons in the Colony hold the Certificate. The Sanitary Inspectors' Library now has 60 volumes of very useful books. I desire to express my thanks to the Chief Sanitary Inspector for his help and loyalty during the year. I am also indebted to him for copious notes and tables prepared for me for this section of the Report.

#### REPORT ON KINGSTOWN BY SANITARY INSPECTOR BRERETON.

#### Inspection of Premises and work done.

5,158 inspections were made ;-2,342 cottages, 830 barracks, and 1,986 shops, bakeries, parlours, factories and other premises. 496 verbal orders were issued, 290 complied with without further action; 63 intimation potices were served, 52 complied with; 16 Statutory notices were served, 17 complied with.

Great attention was paid to the reduction of the excessive number of large trees in the Town. Privies were inspected regularly to ensure proper maintenance and regular scavenging and cleansing. The prevention of Mosquito breeding engaged our attention. With the passing of Mosquito Regulations regular inspection of premises and the removal of old and broken receptacles capable of holding water, were carried out.

In the months of November and December notices were served on owners of Food vending establishments requiring them to limewash their premises. As a result of these notices 17 retail shops, 5 bake houses, 3 cook shops and 5 parlours were so limewashed.

#### Sewerage Disposal.

The prevailing system of sewerage disposal in Kingstown is by pail. A few people of the better class are installing septic tanks. During the year 3 were installed. Of the 33 in use at present in and around Kingstown only 1 had to be repaired during the year, the others are all giving satisfactory service. 7 pail latrines were built and 8 repaired. The 3 Public Latrines were regularly maintained, scavenged and cleaned.

#### Scavenging and Refuse Disposal.

1,505 tons of house refuse and street sweepings were collected and destroyed by Incinerator. 22 bins were provided, 1 repaired and 28 fitted with covers as a result of notices.

#### Water Supply.

The water supply was maintained as in previous years. During the dry season the water was locked off to a lesser extent than in previous years. It may be interesting to know that towards the end of the year the Richmond Hill supply which hitherto was kept as a reserve, was drawn upon by means of a Hydram in order to supply Sion Hill with water. Another step taken was the installation of water supplies to various tenement houses. The value derived therefrom cannot be overestimated. There were 11 installations and 1 extension.

#### Food Vending and Food Establishments.

The year 1932 witnessed a distinct improvement in the control of Food Vendors. With the enforcement of the Food Vendors Regulations there was better regularity in the Medical examination and registration. This regularity still continues. It will be noticed that the number of shop clerks is considerably lower than in 1931. This is the result of the business slump, on account of which nearly all large retail establishments had to reduce their staffs. Steps were taken to protect foodstuffs put up for sale in retail shops. The old method of keeping foodstuffs in barrels covered with bags was abolished and covered wooden bins substituted. Nearly all the shops are now provided with these.

Bread. The advent of the Sanitary Bakery has brought about a general improvement in the supply of bread. It is pleasing to know that the other bakeries are trying to emulate the high standard of tidiness and cleanliness set up by this bakery, and on this score there has been improvement in all the bake houses in the District.

Milk. The milk trade has increased during the year. In Kingstown there were 131 vendors registered. The regulation enforcing the use of a badge for the current year is responsible for this increase. The milk regulations require the use of a covered pail provided with a tap for selling milk by retail. All the milk vendors are now using this type of pail. The Department has rigidly to enforce this Regulation.

#### Prosecutions.

In Kingstown there were 11 cases, 7 convictions, 2 cases dismissed and 2 withdrawn. It is the policy of the Department to resort to the strong arm of the Law after all persuasive measures fail.

#### Publicity and Propaganda.

One lantern lecture was given on Victoria Park. At this lecture the Chief Medical and Health Officer and the Chief Sanitary Inspector spoke to the large gathering on the Work of the Red Cross during the War and on Tuberculosis and Hookworm. Other efforts are made to educate the people by speaking to them on Sanitary matters during the course of inspections.

#### Meat.

484 cattle, 88 calves, 219 sheep, 87 goats, 258 pigs, were slaughtered in the Town during the year. Regular inspections were made of the Abattoir.

#### Housing.

In Kingstown the housing conditions are not all that could be desired, yet with the passage of time improvements are being brought about. Today the barracks of the town are all supplied with fly proof latrines. These latrines are maintained and scavenged by the owners of the houses. Ventilation was a factor not much considered by the general public but today every householder in the Town seems to realise its importance for good health ; during the year 4 buildings were ventilated at the instance of the Department.

Paul's Lot received great attention. A number of trees was removed and general measures taken to improve conditions. The efforts of the Department were not fruitless. There are quite a number of new houses and with the new spirit abroad the people are repairing their properties and taking all steps necessary to keep in line. The two most noticeable changes consist of getting rid of the damp that existed before and better housing conditions.

#### General Health of the District.

The general Health of the District was maintained at a satisfactory standard. There were seven cases of Typhoid, without any deaths. There were 14 notifications of Pulmonary and 4 of other forms of Tuberculosis. Three deaths occurred from Pulmonary and one from Tubercular Adenitis. It is gratifying to the Department to realise that the public think it wiser to consult the Doctor and get first hand advice rather than hide from him as of old, and this undoubtedly is the major step in the prevention of disease and preservation of continued good health.

#### REPORT ON BEQUIA BY SANITARY INSPECTOR RICHARDS.

1. 109 visits of Inspection were made; 112 notices served; 508 verbal orders given; 41 latrines were built and 97 repaired; 109 yards and 62 hog swamps cleansed; 62 drains cleaned; 57 accumulations of manure removed; 19 bins with hinged covers provided shops by their owners; 9 retail shops scrubbed and 11 cobwebbed; 2 dwelling houses repaired and 3 premises disinfected for Infectious diseases. 2. The scavenging of the town was done by one labourer who worked daily except on Sundays. The street and beach were cleaned daily, refuse burned and buried; refuse on dumping ground was burned twice a week; cleaning and clearing of drains, weeding street and trimming overhanging growths etc., were done as required; the Public latrine was cleansed twice per week and occasionally at other times when required.

3. Pits with box seats and pail latrines are being used. Contents of pails are emptied into the sea, cesspits deodorised with coal dust as horse manure is very scarce in the Island.

A few pail latrines were changed to pit latrines by my instructions after explanations to owners of premises as to the cost and difficulty in upkeep of a pail latrine and the insanitary conditions that arise if improperly kept. More stringent steps are now being taken in laying down pits instead of pail latrines.

4. Rain water stored in tanks and deep well water are the only sources of water supply.

5. There are earthen drains in the Town which are by no means satisfactory. One drain, half concreted half earthen, has caused damage to the street on two occasions after heavy rains and tends to form pools of stagnant water.

6. There are 4 bakeries, 11 groceries, 11 shop clerks, 10 milk vendors, 11 hucksters and 5 bakers.

The bakeries and groceries were kept in good sanitary condition. Shop clerks, milk vendors, hucksters and bakers were examined and granted certificates.

7. Under the provisions of the dwelling house regulations 8 notices for the erection of dwelling houses were approved; at the end of the year 5 of these buildings were completed.

8. During the year 3 cases of Tuberculosis were discovered; 2 were sent to the Colonial Hospital, the other to the Tubercular Home. Terminal and Concurrent disinfection were carried out by the District Sanitary Inspector.

The general health of the District was good.

## TABLE 1.

## STATISTICAL RECORD OF SANITARY WORK. Inspections of Premises etc., by Sanitary Inspectors.

Months.		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Visits to dwelling Ho and other Premise			5,362	5,360	5,176	5,044	5,147	4,780	5,362	4,860	4,694	4,829	5,067	60,760
No. of Shops, Stores, I houses, etc., Inspecte		Jan.	Feb.	Mar.	Apt.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average per Month.
Retail Shops		119	1.000	184	148									161
Bake houses		31	34	47	32				35				44	37
Markets		4	4	5	- 4	25			27	23			4	10
Fish Trays		104	86		64	60			46				10000000	70
Cake .,		52	73		35		-94	96	54	1	63	65	68	69
Bread Shops		5	6	9	3	3	7	7	9	10	6	- 4	5	6
Cook "		4	2	2	2	1	1	2	4	2	1	4	6	2
Parlours		6	16	24	1	11	10	20	18	27	14	10	13	13.
Fry Shops		2	3	-	-	1	1	1	1	1	1	-	1	1
Hotels		1	1	2	-		2	1	4	2	2	2	1. L	1
Public Latrines		13	19		19	26	27			in all				
Estate "		7	4	2	2	-	7	4	5	13				
Aerated Factories		12	21	18			9		7	8	6		6	10
Other Factories		22		25				1		20	6	- N		14
Tanneries		2	5	2	3		1. 14			4	3			3
Schools		15		121	23						22	1 40		
Dumping grounds		21	24		30	100 100 100	37	16				1.000		21
Cemeteries			11	18	11	11	14			9			14	12
Church Yards		11	12	12	10	15	9	13		12	12	11	8	11
Slaughteries		3	6	4	3	.7	6	4	13	11	7	9	9	6
Dairies and Cowshe	ds		1	1	1	1	1	1	1	1	1	1	1	1
Boats		28			100							10000		
Garages		40			11	11	22				11			
Milk Vendors' utens	ils	29	21	24	25	53	35	48	41	61	102	55	52	45

### TABLE 2.

## Results of Notices and Verbal Directions.

Yards Filled in		52	Bake houses cobwebbed	 47
. Cleaned		4,252	scrubbed	 41
Drains "		150	Retail shops "	 61
Concrete drains constructed		9	Parlours	 6
., ., repaired		3	Cook shops	 2
Earthen ., constructed		97	Dust bins provided	 23
., ., repaired		60	repaired	 1
Privy Cesspits built		411	Uncovered Dust bins covered	 28
repaired		294	Concrete floor of shops repaired	 3
Pail Closets constructed		33	Bake houses	 9.
repaired		87	Public Latrines cleansed	 115
Accumulations of Manure remo	oved	747	Water Closets constructed	 . 3
Frees cut down		1.486	repaired	 1
., trimmed		2,410	Cesspits deodorised	 202
Premises cleared of bush		462	. emptied	 9
Owelling Houses repaired		12	filled in	 92
Privies Limewashed		3	Cisterns screened	 2
Bake houses		38	Hog swamps cleansed	 405
Retail shops "		57		 76
Cook shops		3	Cake Trays made flyproof	 19
Parlours		5	Bread bins	 6
Retail shops cobwebbed		80	Shop bins provided	 28
Parlours		7	Building Notices Approved	 198

TABLE 3. DERATISATION.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
(a) Poisoned	 58		67	63	17	15	21	16	33	31	25	28	374
(b) Trapped	 22	6	47	28	38	46	57	71	57	46	29	67	514
(c) Mice	 11	-		-	-	-	-	-	-		-	-	11
Totals	 91	6	114	91	55	61	78	87	90	77	54	95	899

TABLE 4.

Registration of persons engaged in the preparation and sale of Food.

Sanitary District.	Shop Clerks.	Milk Vendors	Dairymer.	Bread Vendors.	Patlour Keepers.	Hucksters.	Bakers.	Aerated water Makers.	Cook Shop Employees,	Butchers and Slaughtermen.	Totals.
Kingstown District	 53	131		10	18	16	16	5	2	_	251
No. 1	 28	_	8	-	5	6	4	7	-	2	60
No. 2 (North)	 35	21	11	7		37	7	-	-	4	122
No. 2 (South)	 50	56	14		1	27	16	-	-	7	171
No. 3	 59	22	-	3	16	-		-		7	107
No. 4	 42	1	1		122	2	4	-		-	50
No. 5	 50	17	14	2	1	7	21	4	-	-	116
Totals	 317	248	48	22	41	95	68	16	2	20	877

TABLE 5.

Medical examination of persons engaged in the preparation and sale of Food.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Shop Clerks		37	36	69	30	36	37	142	35	11	6	8	8	455
Milk Vendors		14	21	8	20	116	35	17	9	6	8	4	7	265
Dairymen		1	3	3	3	14	23	9	2	2	6	4	3	73
Bread Vendors		2	2	2	1	2	2	4	2	2	-			19
Parlour Keepers		3	3	6		5	1	6	2	4	1	1		32
Hucksters		14	31	21	11	7	12	21	4	2	1	-	15	139
Bakers		10	9	9	6	9	7	30	2	3	1	1	2	89
Aerated Water Mai	kers	3	1	6	-		1	5	-					16
Cook Shop Employ	ees	-	-	-	1	-				1				2
Butchers		5		-	2	2	-	5	1			-		15
Slaughtermen		1	2	-	-	-	-		1	-	-	-	-	4
Totals		90	108	124	74	191	118	239	58	31	23	18	35	1.109

## TABLE 6.

D	1 1 1 1	1	1 Statistics of the second s second second s second second sec	1 1 6 12 1
Kegister of	estabitshments	engaged in I	he preparation and	1 sale of food.
TRACT BOLLE CA	C PRODUCTOR ANALONIA	the state of the second s	the presentation man	a course or a cours

			Descriptio	on of Pren	nises.				
Sanitary Distric	 Aerated Water Makers.	Provision Shops.	Parlours.	Bakeries.	Dairies.	Grocer- ies.	Fry Shops.	Cook Shops.	Totals.
Kingstown	 6	26	18	7	-	4	_	3	64
No. 1	 3	26	4	2	1		-	-	36
No. 2 (North)	 	25		6	-		-	-	31
No. 2 (South)	 1	38	1	9	- 1		2	-	51
No. 3	 _	45	1		-			-	46
No. 4	 	27		4	-	8			39
No. 5	 2	36	1	11	-	1	-	- 1	51
Bequia	 	11	-	4	-	-	-	-	15
Union Island	 -	8	-	7	-		-	-	15
Totals	 12	242	25	50	1	13	2	3	348

## TABLE 7.

## Disinfection.

Sanitary Distric	t.	Terminal.	Concurrent.	
Kingstown		12	14	
No. 1		6		
No. 2 (North)		3	20 29 38	
No. 2 (South)		32	38	
No. 3		10	10	
No. 4		7	7	
No. 5		5	8	
Bequia		3	212	
Union Island		1	5	
Totals		49	343	

## TABLE 8.

## Privies Built.

Sanitary District.	No. of Privy Cesspits Built.	No. of Pail Closets Built.	No. of Septic Tanks Built.	Total No. Built.	
Kingstown	 	7	3	10	
No. 1	 36			36	
No. 2 (North)	 37			37	
No. 2 (South)	 23	4		27	
No. 3	 156	-		156	
No. 4	 190	1		121	
No. 5	 19			19	
Bequia	 00	21		41	
Totals	 411	33	3	447	

Sanitary District.	No. of Privy Cesspits repaired.	No. of Pail closets repaired.	No. of Septic Tanks repaired.	Total No. of all Types of Priv- ies repaired.
Kingstown	_	8	1	9
District No. I	15	-		15
" No. II (North)	42	1		43
" No. II (South)	42 45	19		64
., No. III	43	-		43
" No. IV	105		-	105
No. V	6	-		6
Bequia	38	59		97
Totals	294	87	1	382

Privies Repaired.

## TABLE 10.

## New Buildings Erected.

San	itary District.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
District " " " Bequia	No. I No. II (North) No. II (South) No. III No. IV No. V		$     \begin{array}{c}       1 \\       -1 \\       3 \\       5 \\       -1 \\       1     \end{array} $					$\frac{-}{3}$ $\frac{-}{11}$ $\frac{-}{1}$		 	2 4 2 7 4	     12	7 2 	$29 \\ 55 \\ 8 \\ 33 \\ 41 \\ 57 \\ 5$
Totals		. 6	11	8	7	13	57	15	23	5	19	.3	61	228

\* Labourers' Cottages built under Colonial Development Scheme.

## TABLE 11.

Scavenging and Cleansing.

Sanitary Distr	ict.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	No. of Loads.	No. of Cubic Yards.
Kingstown		258	218	266	230	246	239	258	268	289	269	280	289	3,110	3,760
Chsteaubelair		79	45	70	96	98	92	162	113	120	140	120	150	1,285	643
Barrouallie		135	198	210	94	132	149	182	240	240	156	136	142	2,014	1,007
Layou		111	118	132	102	150	160	156	200	140	128	144	190	1,731	865
Calliaqua		112	105	118	92	113	89	112	89	96	118	75	67	1,186	593
Georgetown		285	276	295	222	201	222	182	193	208	203	225	234	2,746	1,831
Totals		980	960	1,091	836	940	951	1,052	1,103	1,093	1,014	980	1,072	12,072	8,699

## TABLE 12.

PROSECUTIONS.

Cases Determined and Penalties Imposed.

Offences.	No. of	No. of Convic		Fine	98.	C	lost	8,	3	l'ota	ls.	Remarks.	
	Cases.	tions.		8.	d.	£	8.	d.	£	8.	d.	AUGUATES.	
, Failing to comply with Notices	16	15	2	4	0		2	6	2	6		In case	
I. Having human excreta on	10	10	1~	- 1			~	0	1	0	0	1 Crotioned and discalage	
premises	13	12	2	6	0		4	0	2	10	0	1 Continued and disculate	
II. Engaging as a Food Vend-													
or without being regis- tered by the Sanitary													
Authority	3	3	1	12	0		5	0	1	17	0		
V. Deficcating in a place			1						1 î				
other than a place pro-													
vided for the purpose	1	1		6	0		2	6		8	6		
7. Throwing Rubbish on the foreshore	1	1		1	0					1	0		
I. Keeping a pig within 20ft.	<u>^</u>	-			0					. 1	0		
of a dwelling house	1	1		3	0					3	0		
II. Erecting a dwelling house													
without previously giv-			14										
ing notice to the Sani- tary Authority	0	-	1	4	6		4	0	1	0	0		
III. Occupying a dwelling	8	7	1	4	0		4	0	1	0	0	1 Distanced and continues	
house without provid-													
ing privy accommoda-													
tion	1	1		3	0					3	0		
X. Keeping pigs in a town	1	1		5	0					5	0		
K. Keeping pigs within 200 yards of the limits of a													
town	12	11	2	17	0				9	17	0		
I. Obstructing a Sanitary In-	1.0		1						~		9	I Case withdrawns	
spector in the exercise													
of his duties	1	1		5	0					5	0		
II. Carrying human facal													
matter through the streets of Kingstown in													
an open receptacle	5	3		17	0		10	0	1	7	0		
(III, Carrying human fæcal								-			-	Cases dismissed	
matter through the													
streets in a receptacle													
not properly covered so													
as to prevent the escape of offensive odours	2	2	1	1	0		8	0	1	9	0		
IV. Throwing offensive mat-	~	~	1		1		0	4	+	2	9		
ter in a place other than	1.0												
that provided for the													
purpose	2	2			0		~			~		Convicted and cautionedt.	
V. Failing to license a Bakery	1	1		4	0		2	0		6	6		
VI. Engaging a baker with- out his having a Medical													
cortificate in his pos-													
session	1	1		4	e		2	6		6	6		
VII. Erecting a dwelling													
house without privy	0			5	0			0		c	2		
accommodation VIII. Throwing mango peel-	2	1		5	0		1	6		6	6		
ings on the streets	3	2		5	6		4	0		9	6	Course and the second second	
IX. Using a milk pail to con-		1.2.1						1			1	I Cast withdrawn.	
vey milk for sale with-													
out the said pail being								1					
provided with a tap	1	1						-			-	Magistrate's order to pro- vide tap.	
X. Failing to keep premises													
free from Mosquito Larvæ	3	3		5	0					5	0		
Turvio			-						_				
Totals	78	70	14	8	0	2	6	61	6	14	6		

	IV. Port Health	Work.		
a. Place	s under Quarantine at December	31st 1931		
	Colon		Small P	ox.
	Haiti	-	,,	13
	St. Martin	· ningatal		**
	St. Bartholomew Florida-Tampa	në model l	"	17
	Guatemala	1 citquin	22	32
	Venezuela	1) PERSONAL PROPERTY	"	"
	Brazil	· · · · · · · · · · · · · · · · · · ·	Yellow	Fever.
b. Place	s quarantined during the year 19 None.	932 :		
c. Place	s from which quarantine was rais	sed during	the year	1932 :
	St. Martin	0		the Hospital
	St. Bartholomew.			
d. Place	s under quarantine at December	31st 1932 :		
	Colon	at drid-list	Small P	ox.
	Haiti	New York	"	*****
	Florida-Tampa Guatemala	<ul> <li>.11394</li> </ul>	"	ss of bertaquades
	Venezuela	L'etternes :	"	"
	Brazil	· · · ·	Yellow 1	Fever.
e Port	of Kingstown-Total Arrivals 19	932	2,595	
	Demonstrand		2,309	
	" — " Departures		-,000	
	V. Maternity and Ch	nild Welfa:	re.	
Colonial	Hospital Returns-Maternity	Vard 1932.	Stares (BC)	
	Total number of cases	unto person	257	
	Babies born alive		204	(3 prs. twins)
	Still-born full term	- Charlester	17	
	,, Premature B.B.A's	-	18	11 11
	D.D.A's Miscarriages	-	9 11	
	Normal births		236	
	Twins	Thomas and the	3	
	Breech Presentation	-	3	
	Transverse		1	
	Foot and Hand	a dias fre	1	
Deliverie	es under general Anæsthesia.			
	Manual removal of Placenta	-	2	
	Puerperal Manias		3	
	Puerperal Sepsis		3 2 7 2	
	Eclampsia Estantia	and all more the	1	
	Ectopic Gestation Deaths	or waiting a	3	
and the second s	L'eachs	PE And Winter	0	
Deaths.		1	D: 1	c 1
	1 Eclamptic several fits before	admission.	Died	five hours after

Eclamptic several fits before admission. Died five hours after delivery.
 Large head, ruptured Uterus. Patient died 1<sup>1</sup>/<sub>2</sub> hours after admission.
 Puerperal Sepsis. (Died 5 weeks after delivery.)
 Eclamptic patients developed Mania, all made good recoveries.

#### Notes on Still-born babies.

17 cases of still-born in 1932. 8 were macerated.

Of the remaining 9

1 Freak twin

Mother eclamptic н.

1 Obstructed labour large head

1 Mother eclamptic

Impacted shoulders (still-born) 1

1 Foot and hand presentation (twin)

1 Transverse presentation

Still-born 1

1 Breech twin.

The figures for this Return are kindly submitted by the Nurse Matron of the Hospital.

The Ante-natal Clinic was continued during the year. 65 cases attended. 7 cases, 2 multipara and 5 primipara, were kept under constant observation and treatment for albumenuria; one of the primipara developed Eclampsia. There were 5 cases of still-birth among primipara and 1 breech presentation.

The total still-births for the Colony including the Grenadines were 128 as compared with 119 in 1931.

Of 11 deaths from Tetanus 8 occurred in the newly born, 1 in District 1; 5 in District 3; 1 in District 4 and 1 in District 5. This is a considerable improvement on the figures for 1931.

As opportunity occurs, practising but unlicensed "Grannies" are brought into the Maternity Ward at the Hospital for observation and training. Those that prove satisfactory are licensed and continue to be under the observation of the District Medical Officer.

The Midwives in each District are encouraged to seek the help and advice of the Medical Officer and to apply to him for her requirements such as disinfectants, cord powder, ligatures, etc. It is hoped by degrees to reduce this type of infant mortality to a minimum.

5 Midwives were registered, one each in Districts 1, 3 and 4 and two in Kingstown.

#### VI. Hospitals and Dispensaries.

1. The Dispensary at Troumaca, built from Colonial Development Funds, was completed early in the year. It is well equipped and stocked with drugs. It is a very nice building and a great asset to District 2 North. It has accommodation for a district Nurse-midwife. As soon as the finances of the Colony permit it is hoped to have such a Nurse for this area.

The Motor Ambulance continued to give good service at a moderate cost.
 The Medical Officer District I paid 17 visits to Bequia.

4. The Medical Officer, Carriacou, paid 20 visits to Union Island, 5 to Mayreau and 6 to Canouan. He reports that the transport arrangements are unsatisfactory and until something better can be arranged his visits to these islet Dependencies must continue to be irregular :-

"The period under review was free from any kind of epidemic. Sanitary conditions, although somewhat primitive, have been fairly satisfactory. There was not a single case of Yaws met with during the year ".

5. The Resident Dispensers at Sandy Bay, Bequia and Union Island rendered first aid and attended respectively 842, 707, and 450 cases. A total of 1,999. At every dispensary and subsidiary dispensary in each district there is a system of regular dressings of casualties, ulcers, wounds, burns, etc. There is no excuse for any individual in this Colony to assert that he cannot get attention for such conditions, but it cannot be expected that he can turn up at any hour of the day or night to have his "sore" dressed. In compiling these statistics no estimate has been made of the thousands of such cases which have been "dressed."

6. No very extensive alterations or improvements have been carried out during the year by the Public Works Department. The shadow of financial depression became too dark and expensive necessities were postponed. Still there were some minor improvements of great benefit. Through the kindness of the late Executrix of the Simmons Bequest Fund a modern accouchement bed was added to the labour room of the Maternity Ward.

The kitchens at both the Hospital and Fort Institutions were improved by limewashing, new enamelled iron sinks and aluminum cooking equipment. Only such improvements could be carried out that could be defrayed by sums allocated to the Medical Vote.

- 01	Remaining from 1931.	Admitted. 1932.	Discharged.	Died.	Sent to Hospital.	Remaining 31. 12. 32.
Males	 27	202	206	1	10	23
Females	 4	136	134	11-	2	6

VII. Prisons and Asylums.

(a) Prisons.

One Prisoner was sent to the Lunatic Asylum and one died as the result of Judicial hanging.

The Prison Surgeon reports that the general health was fairly good. The prevalent diseases were—Gonorrhœa, syphilis and common colds. "Malingering is too prevalent and appears to be increasing. I suggest that it be regarded with more seriousness by the prison authorities".

	Remaining from 1931.	Admitted 1932.	Discharged.	Died.	Daily average.	Remaining 31, 12, 32,
Males	 29	10	6	5 .	30	28
Females	 33	13	12	8	30	26
	62	23	18	13	60	54

Pauper Asylum.

Lunatic Asylum.										
been carried out dur- y of financial depres- i. Still there new	Remaining from 1931.	Admitted 1932.	Discharged.	Died.	Daily average.	Remaining 31, 12, 32,				
Males	26	8	and Acore	3	30	27				
Females	25	11	1/ 1 mm	3 0		32				
g equipment, Ouls ed by aums allocate	51	19	5	ball 6	63	59				

Leper Asylum.

		Remaining from 1931.	Admitted 1932.	Discharged.	Died.	Remaining 31. 12. 32.
Males	bit basel 	8	3	1	-	10
Females	01	9			-	9
	1.9	17	3	1	-	19 (

One Priscour was seen to the Louatte Arylan and one thed as the res of the Priscour was seen to the Louatte that the general health was fairly go The Prisco Surgeon reports that the general health was fairly go he prevalent diseases wave-Generated, syphilis and common cot

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COLONIAL HOSPITAL. Return of Diseases and Deaths (In-Patients) for the Year 1932.

The real line real light.		Hos- 1931.	Yearly	Total.	ted.	Hos- 1932.	Dist
Diseases.		Remaining in H pital at end of 19	Admissions.	Deaths.	Total Cases Treated	Remaining in H pital at end of 19	Remark
1Epidemic, Endemic, and Infec-	-	1					
tious Diseases.	6					hilitario	
1. Enteric Group— (a) Typhoid Fever			11	2	11	3	
(b) Paratyphoid A.			6	-	6	1	
(c) Paratyphoid B.							
(d) Type not defined							
2. Typhus 3. Relapsing Fever		£	Carlo and		Sec. 1		
4. Undulant Fever							
5. Malaria—							
(a) Tertian			-				
(b) Quartan (c) Aestivo-autumnal			33		33	3	
(d) Cachexia			00		00	0	
(e) Blackwater							
6. Smallpox—							
Alastrim 7. Measles						1000	
8. Scarlet Fever							
9. Whooping Cough							
10. Diphtheria							
11. Influenza						1000	
12. Miliary Fever						to include	
13. Mumps 14. Cholera		1					
15. Epidemic diarrhœa							
16. Dysentery-						(end)	
(a) Amœbie						1.1.1.1.1.1.1.1.1	
<ul> <li>(b) Bacillary</li> <li>(c) Undefined or due to oth</li> </ul>							
causes		1		Longing 1			
17. Plague						low-late	
(a) Bubonic						area de y se	
(b) Pneumonic							
(c) Septicaemic (d) Undefined							
18. Yellow Fever			-				
19. Spirochætosis ictero-hæmorrhagica	a						
20. Leprosy							
21. Erysipelas 22. Acute Poliomyelitis			1		1	and he of	
23. Encephalitis Lethargica			-			-	
24. Epidemic Cerebro-spinal Fever							
25. Other Epidemic Diseases-			The second				
(a) Rubeola (German Measles)	)			inter and	al line		
(b) Varicella (Chicken Pox) (c) Kala-azar							
(d) Phlebotomus Fever							
(e) Dengue		1					
(f) Epidemic Dropsy							
(g) Yaws (h) Termenosomiasia		22	243	1	265	17	
(h) Trypanosomiasis 26. Glanders							
27. Anthrax							
28. Rabies							
29. Tetanus		1	7	. 2	8	1	
mark and a second		00	201	5	324	91	
Total carried forward		23	301	5	0.61	24	

Diseases.     and graps integrated integrated integration     and graps integrated integrate     and graps integrated integrate     and graps integrated integrate     Remark       Brought forward      23     301     5     324     24       1.—Epidemic, Endemic, and Infections Diseases (contd.).      23     301     5     324     24       20. Mycosis real       1     23     10     24       23. Tuberculosis of the Meninges or Cen- tral Nervous System      1     2     2       23. Tuberculosis of the Vertebral Column 35. Tuberculosis of Obner organs—      1     1       36. Tuberculosis of Bones and Joints      1     1     1       37. Tuberculosis of Bones and Joints       5     2     5       38. Tuberculosis of Bones and Joints       1     1       39. Other organs       1     1       40. Acute       1     1     3       31. Tuberculosis of Bones and Joints      1     1     3       32. Tuberculosis of Bones and Joints      1     1     1       33. Tuberculosis of Bones      2     1     2     2       34.			Hos- 1531.	Yearly	Total.	ted.	32.	
IEpidemic, Endemic, and Infections Diseases (contd.).       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       3       1 <th>Diseases,</th> <th></th> <th>- <del>2</del></th> <th>Admissions.</th> <th>Deaths.</th> <th>Total Cases Treat</th> <th></th> <th>Remarks.</th>	Diseases,		- <del>2</del>	Admissions.	Deaths.	Total Cases Treat		Remarks.
Diseases (contd.).30. Mycosis	Brought forward		23	301	5	324	24	1111 IL
31. Tubercelosis, Pulmonary and Laryn- ged32. Tubercelosis of the Meninges or Cen- tral Nervons System123102433. Tubercelosis of the Intestines or Peritoneum31344. Tubercelosis of Bones and Joints11135. Tubercelosis of the Vertebral Column22247. Tubercelosis of othe rorgans- (a) Skin or Subcutaneous Tissue (Lupus)5252(a) Skin or Subcutaneous Tissue (d) Genito-urinary5252(e) Other organs (d) Genito-urinary21416(a) Acute (b) Secondary21416(b) Secondary2101121(c) Tertiary2101121(d) Hereditary2101121(e) Primary2101121(f) Acute (d) Hereditary2101121(g) Period not indicated (f) Acute (f) Acute3333(h) Accombroad Ophthalmia333312120. Accombroad Dynthalmia333333(e) Period not indicated (f) Acute above2121221. Acute (f) Acute (f) Acute (f) Acute3333(h) Acute (f) Acute (f) Acute (f) Acute (f) Acut	Diseases (contd.).	ctions						
32. Tuberculosis of the Meninges or Central Nervous System       3       1         33. Tuberculosis of the Intestines or Peritoneum       3       1         34. Tuberculosis of the Vertebral Column       2       2         35. Tuberculosis of the Vertebral Column       2       1         36. Tuberculosis of the Vertebral Column       2       2         37. Tuberculosis of other organs       1       1         38. Synhilis        5       2       5       2         38. Synhilis         3       3       3         38. Synhilis         3       3       3         39. Soft Chancre         2       14       16         30. Soft Chancre         2       1       2       1         39. Soft Chancre         2       1       2       1       2       1         31. C.—Gonorrheat and its complications       20       20       2       2       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2       1       2 <td< td=""><td>31. Tuberculosis, Pulmonary and</td><td> Laryn-</td><td></td><td>93</td><td>10</td><td>94</td><td>1.200</td><td></td></td<>	31. Tuberculosis, Pulmonary and	 Laryn-		93	10	94	1.200	
Peritoneum3131334. Tuberculosis of the Vertebral Column212235. Tuberculosis of Bones and Joints11136. Tuberculosis of Solucutaneous Tissue (Lupus)111a. Skin or Subcutaneous Tissue (Lupus)5252a. (b) Bones5252a. (c) Upunbatic System5252a. (d) Genito-arinary116(e) Other organs21416(f) Hereditary210112(g) Period not indicated33(e) Period not indicated39. Soft Chanere111DGranuloma Venereum1111DGranuloma Venereum212121. Soft Chanere111DGranuloma Venereum111DGranuloma Venereum111J. 21111J. 4. Cancer or other malignant Tumours of the Breast of the Breast111J. Cancer or other malignant Tumours 	32. Tuberculosis of the Meninges tral Nervous System		1	~0	10	24		
35. Tuberculosis of Bones and Joints       1       1         36. Tuberculosis of other organs— <ul> <li>(a) Skin or Subcutaneous Tissue</li> <li>(Lupus)</li> <li>(b) Bones</li> <li>(c) Lymphatic System</li> <li>(d) Genito-urinary</li> <li>(e) Other organs</li> <li>(f) Chronic</li> <li>(g) Other organs</li> <li>(h) Acate</li> <li>(h) Primary</li> <li>(h) Secondary</li> <li>(h) Hereditary</li> <li>(h)</li></ul>	Peritoneum			3	1	3	1112300	
(Lupus)5252(b) Bones5252(c) Lymphalic System5252(d) Genito-urinary11(e) Other organs21416(d) Acute333(e) Primary2101121(f) Secondary2101121(g) Period not indicated222(h) Hereditary2121(g) Period not indicated212(h) AGonorrhœa and its complications202022BGonorrhœa and its complications111DGranuloma Venereum2121I. Septicemia111I. Septicemia111I. Cancer or other malignant Tumours of the Stomach or Liver2121I. Cancer or other malignant Tumours of the Best111I. Cancer or other malignant Tumours of the Skin111I. Cancer or other malignant Tumours 	<ol> <li>Tuberculosis of Bones and Join</li> <li>Tuberculosis of other organs—</li> </ol>	nts		2 1	-			
(c)Lymphatic System (d) Genito-urinary  	(Lupus)			-				
(e) Other organs37. Tuberculosis disseminated—(a) Acute(b) Chronie(c) Chronie(c) Primary(c) Tertiary(c) Tertiary(c) Period not indicated(c) Period not indicated(c) Period and its complications(d) Hereditary(e) Concorheca and its complications(f) AGonorheca and its complications(f) AGonorheca and its complications(g) Soft Chancre(h) AGonorheca and its complications(h) AGonorheca and its complications(h) AGonorheca and its complications(h) AGonorhecal Ophthalmia(h) AGonorhecal Nenereum(h) AGonorhecal Nenereum(h) AGonorhecal Nenereum(h) AGonorhecal Cavity(h) Septicemia(h) Cheer or other malignant Tumours(h) Baccal Cavity(h) Cancer or other malignant Tumours(h) Encent Diseases not mentioned(h) Cancer or other malignant Tumours(h) Cancer or other malignant Tumours(h) Cancer or other malignant Tumours(h) Encent(h) Cancer or other malignant Tumours(h) Encent(h) Cancer or other malignant Tumours(h) Cance				5	2	5	2	
(a) Acute(b) Chronic(c) Primary(d) Secondary(e) Period not indicated(f) Acute(g) Period not indicated(h) AGonorrhcea and its complications20(g) Chancre(h) AGonorrhcea and its complications20(h) AGonorrhcea and its complications20(h) AGonorrhceal Ophthalmia(h) AGonorrhceal Arthritis1(h) AGonorrhceal Netheritis1(h) AGonorrhceal Ophthalmia(h) AGonorrhceal Netheritis1(h) AGonorrhceal Ophthalmia(h) AGeneral Diseases1(h) Buced Cavity(h) Buced Cavity(h) Buced Cavity(h) Cancer or other malignant Tumours of the Buced Cavity1(h) Cancer or other malignant Tumours of the Peritoneam Intestines, Recturn1(h) Cancer or other malignant Tumours of the Breast1(h) Cancer or other malignant Tumours of the Breast1(h) Cancer or other malignant Tumours of the Stin1(h) Cancer or other malignant Tumours of the Stin10(h) Chronic Breast(h) Chronic Reamatism(h) Cuncurs non-Malignant(h) Cuncurs non-Malignant(h) Cuncurs non-Malignant(h) Cuncurs non-Malignant(h) Cuncurs non-Malignant(h) Cuncurs non-Malignant<	(d) Genito-urinary (e) Other organs							
(a) Primary21416(b) Secondary2101121(c) Tertiary2101121(d) Hereditary2101121(e) Period not indicated2222(f) Hereditary2101121(f) Hereditary21212(f) Concernent on the indicated2121(f) AGonorrheea and its complications202022(f) AGonorrheea and its complications111DGranuloma Venereum2121(f) Septicamia21212. Other Infections Diseases111Typanosoniasis21213. Cancer or other malignant Tumours of the Stomach or Liver21214. Cancer or other malignant Tumours of the Breast1115. Cancer or other malignant Tumours of the Breast1116. Cancer or other malignant Tumours 	(a) Acute				1			
(e) Tertiary2101121(d) Hereditary2101121(e) Period not indicated2220239. Soft Chancre333(e) A.—Gonorrhœa and its complications202022(f) A.—Gonorrhœal Ophthalmia333C.—Gonorrhœal Arthritis111D.—Granuloma Venereum2121L. Septicæmia111L. Septicæmia2121(d) the Buccal Cavity111(e) Cancer or other malignant Tumours of the Stomach or Liver2121(f) Cancer or other malignant Tumours of the Peritoneum Intestines, Rec- tum1213(f) Cancer or other malignant Tumours of the Breast1213(f) Cancer or other malignant Tumours of the Breast111(f) Cancer or other malignant Tumours of the Skin111(f) Cancer or other malignant Tumours of Organs not specified 1010(f) Cancer or other malignant Tumours of Organs not specified 1010(he Bheumatism1111	(a) Primary		2					
(d) Hereditary        2       2         (e) Period not indicated        2       2         (f) Ac-Gonorrhoza and its complications       20       20       2         (g) Soft Chancre        3       3       3         (h) Ac-Gonorrhoza and its complications       20       20       2       2         (h) Ac-Gonorrhoza Arthritis        1       1       1         DGranuloma Venereum        2       1       2         H. Septicemia        2       1       2         12. Other Infectious Diseases—        1       1         Trypanosomiasis        2       1       2         13. Cancer or other malignant Tumours of the Buccal Cavity        2       1       2         14. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum        1       2       1         15. Cancer or other malignant Tumours of the Breast        1       2       1       3         16. Cancer or other malignant Tumours of the Skin        1       1       1         17. Cancer or other malignant Tumours of the Skin        10       10 <t< td=""><td></td><td></td><td>2</td><td>1000</td><td>1</td><td></td><td>1</td><td></td></t<>			2	1000	1		1	
10. A.—Gonorrhœa and its complications B.—Gonorrhœal Arthritis       20       20       2         B.—Gonorrhœal Arthritis       3       3       3       3         C.—Gonorrhœal Arthritis       1       1       1       1         D.—Granuloma Venereum       2       1       2       1       2         A. Septicemia        2       1       2       1       2         A. CGeneral Diseases not mentioned above.        2       1       2       1         I. —General Diseases not mentioned above.         2       1       2       1         I. —General Diseases not mentioned above.          2       1       2       1         I. Cancer or other malignant Tumours of the Stomach or Liver        2       1       2       1         I. Cancer or other malignant Tumours of the Breast        1       1       1         I. Cancer or other malignant Tumours of the Breast        1       1       1         I. Cancer or other malignant Tumours of the Skin        1       1       1         I. Acete Rheumatism        1       10       10       4       4 </td <td>(d) Hereditary (e) Period not indicated</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	(d) Hereditary (e) Period not indicated							
DGranuloma Venereum          11. Septicæmia          12. Other Infectious Diseases-          Trypanosomiasis          IL-General Diseases not mentioned above.          43. Cancer or other malignant Tumours of the Buccal Cavity          44. Cancer or other malignant Tumours of the Stomach or Liver          45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rec- tum       2       1       2       1         46. Cancer or other malignant Tumours of the Female Genital Organs        1       2       1       3         47. Cancer or other malignant Tumours of the Breast        1       1       1         18. Cancer or other malignant Tumours of the Skin        10       10         19. Cancer or other malignant Tumours of Organs not specified        10       10         10. Tumours pon-Malignant        10       10       4         11. Acute Rheumatism        1       1       1	<ol> <li>A.—Gonorrhœa and its compli B.—Gonorrhœal Ophthalmia</li> </ol>	ications		3		3	2	
Trypanosomiasis          II.—General Diseases not mentioned above.          43. Cancer or other malignant Tumours of the Buccal Cavity          44. Cancer or other malignant Tumours of the Stomach or Liver          45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum       2       1       2       1         46. Cancer or other malignant Tumours of the Peritoneum Intestines, Rectum        1       2       1       3         47. Cancer or other malignant Tumours of the Female Genital Organs        1       2       1       3         48. Cancer or other malignant Tumours of the Breast        1       1       1         49. Cancer or other malignant Tumours of the Skin        10       10         40. Tumours non-Malignant        10       10         41. Acute Rheumatism        4       1       1         42. Chronic Rheumatism        4       1       1	D.—Granuloma Venereum 41. Septicæmia				1			
43. Cancer or other malignant Tumours of the Buced Cavity          44. Cancer or other malignant Tumours of the Stomach or Liver          45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rec- tum       2       1       2       1         46. Cancer or other malignant Tumours of the Female Genital Organs        1       2       1       3         47. Cancer or other malignant Tumours of the Breast        1       2       1       3         48. Cancer or other malignant Tumours of the Skin        1       1       1         49. Cancer or other malignant Tumours of Organs not specified        10       10         40. Tumours non-Malignant        1       1         41. Acute Rheumatism        1       1         42. Chronic Rheumatism        1       1	Trypanosomiasis							
44. Cancer or other malignant Tumours of the Stomach or Liver       2       1       2       1         45. Cancer or other malignant Tumours of the Peritoneum Intestines, Rec- tum       2       1       2       1         46. Cancer or other malignant Tumours of the Female Genital Organs        1       2       1       3         47. Cancer or other malignant Tumours of the Breast        1       2       1       3         48. Cancer or other malignant Tumours of the Skin        1       1       1         49. Cancer or other malignant Tumours of Organs not specified        10       10         40. Tumours non-Malignant        10       10         41. Acute Rheumatism        1       1         42. Chronic Rheumatism        1       1	<ol> <li>Cancer or other malignant Tur of the Buccal Cavity</li> </ol>							
of the Peritoneum Intestines, Rectum	<ol> <li>Cancer or other malignant Tur of the Stomach or Liver</li> </ol>			2	1	2	1	
of the Female Genital Organs       1       2       1       3         17. Cancer or other malignant Tumours of the Breast       1       1       1       1         18. Cancer or other malignant Tumours of the Skin       1       1       1       1         19. Cancer or other malignant Tumours of Organs not specified       1       10       10       10         10. Tumours non-Malignant       1       1       1       1       1         10. Acute Rheumatism       1       1       1       1       1	of the Peritoneum Intestines tum	, Rec-						
18. Cancer or other malignant Tumours of the Skin       1       1         19. Cancer or other malignant Tumours of Organs not specified       10       10         10. Tumours non-Malignant       10       10         11. Acute Rheumatism       4       4         12. Chronic Rheumatism       1       1	of the Female Genital Organs 47. Cancer or other malignant Tun		1	2	1	3	1000	
9. Cancer or other malignant Tumours of Organs not specified       10         0. Tumours non-Malignant       10         1. Acute Rheamatism       4         2. Chronic Rheamatism       1	8. Cancer or other malignant Tun	 nours	-	1		1		
1. Acute Rheumatism      4     40       2. Chronic Rheumatism      1     1	<ol> <li>Cancer or other malignant Tun of Organs not specified</li> </ol>							
	0. Tumours non-Malignant 1. Acute Rheamatism			4		4		
10tal carried forward, 29 410 22 439 30	Total carried forward	ŀ	29		00			

Return of Diseases and	Death	s (In-	Patien	nts) for	r the J	lear 1	932.
Diseases.		Remaining in Hos- pital at end of 1931.	Yearly 'suoissimpy	Deaths.	Total Cases Treated.	Remaining in Hos- pital at end of 1982.	Remarks.
Brought forward		29	410	22	439	30	1110
11.—General Diseases not mentio above (contd.)	med						S. (1
53. Seurvy (including Barlow's Dise	ease)						11 A. 18
54. Pellagra							2. 2
-55. Beri-Beri 56. Rickets	•••				1/201		St. Contend
57. Diabetes (not including Insipidu	us)		3		3		and the second second
58. Anæmia— (a) Pernicious					0		1. 1. 101. 2.8
(b) Other Anæmias and Chlo	orosis	2			2		12
-59. Diseases of the Pituitary Body							10.0
-60. Diseases of the Thyroid Gland— (a) Exophthalmic Goitre	-				and the		12.02
(b) Other diseases of the Thy	yroid				and age		antine of
Gland, Myxœdema			1		1		studie
<ul> <li>61. Diseases of the Para-Thyroid Gl</li> <li>62. Diseases of the Thymus</li> </ul>	ands				in street	in it	0.3
-63. Diseases of the Supra-Renal Gla	nds					195	
64. Diseases of the Spleen 65. Leukæmia—							Lanimi 38
(a) Leukæmia							A DIVER . NO
(b) Hodgkin's Disease 66. Alcoholism			1				90. milita .00
67. Chronic poisoning by mineral	sub-				1		1.44
stances (lead, mercury, &c.)							
-68. Chronic poisoning by organic stances (Morphia, Cocaine, &c.)					961.34		
-69. Other General Diseases-							1000
Auto-intoxication					e partes		The Phane in
Purpura Hæmorrhagica Hæmophilia							
Diabetes Insipidus							6.6
IIIAffections of the Nervous Syst and Organs of the Senses.	tem				an a thurse		
70. Encephalitis (not including Ence	pha-						
litis Lethargica)							in the
71. Meningitis (not including Tuber lous Meningitis or Cerebro-sp			111				
Meningitis)			4	1	4		
<ol> <li>Locomotor Ataxia</li> <li>Other affections of the Spinal Co</li> </ol>				and Sec	Sec. 3.		
74. Apoplexy—	ru						
(a) Hæmorrhage							
(b) Embolism (c) Thrombosis			1				
75. Paralysis-			1		1		
(a) Hemiplegia (b) Other Paralyses			3		3		
(b) Other Paralyses 76. General Paralysis of the Insane							
77. Other forms of Mental Alienation			1				
<ol> <li>Epilepsy</li> <li>Eclampsia, Convulsions (non-pu</li> </ol>			5		5		
peral) 5 years or over		1					
80. Infantile Convulsions					-		
Total carried forward		31	428	23	459	30	

	Street and	31.	Yearly	Total.	ted	Hos- 1932.		
Diseases.		Remaining in Hos- pital at end of 1931.	Admissions.	Deaths.	Total Cases Treated	Remaining in H pital at end of 19	Remarks.	
Brought forward		31	428	23	459	- 30		
111Affections of the Nervous	System				more			
and Organs of the Senses	(contd.)				or heard			
81. Chorea			1		1			
82. A.—Hysteria		1	2 2	a Cak	3			
B.—Neuritis			~		2			
C.—Neurasthenia 83. Cerebral Softening								
84. Other affections of the Nerv	ous Sys-							
tem, such as Paralysis Agi	tans			or period				
85. Affections of the Organs of	Vision-							
(a) Diseases of the Eye			6		6			
(b) Conjunctivitis			4	h Cast -	4			
(c) Trachoma (d) Tumours of the Eye				Louis 1				
(e) Other affections of the			5		5			
86. Affections of the Ear or	Mastoid		him					
Sinus								
IV A flections of the Circul	latory							
System.	atory			1.				
							1	
87. Pericarditis				1	2			
<ol> <li>Acute Endocarditis or Myoo</li> <li>Angina Pectoris</li> </ol>		1	2	1	2			
90. Other Diseases of the Heart		1		1.1.1.1.1.1.1	~			
(a) Valvular—								
Mitral			10	5	10			
Aortic	***		2		2		Sumally 2	
Tricuspid							- salaria	
Pulmonary		1	2	1	3	1	2. Orlant- 1.	
(b) Myocarditis 91. Diseases of the Arteries—		1	~	1		1	anto.t.	
(a) Aneurism			1		1		colong -	
(b) Arterio-Sclerosis			4		4		100.11	
(c) Other diseases			2		2		Party and	
92. Embolism or Thrombosis (n	on-			A Completion			IN THE	
cerebral)				Angel			(b) (10)	
93. Diseases of the Veins-			3	and sur			Labrand .	
Hæmorrhoids Varicose Veins			1	1	$\frac{3}{1}$		the Lalah	
Phlebitis			1		-		Contracks al	
94. Diseases of the Lymphatic S			An Ispali	a coller				
Lymphangitis			1000				Contraction of	
Lymphadenitis, Bubo (r	10n-						San Trailing The	
specific)			18		20		the second of the	
95. Hæmorrhage of undetermin 96. Other affections of the Circu			1				1 (591	
System		1	Tree			to live a	121 ( 97	
•			and the			partition in	12 (12)	
V. Affections of the Respir System.	atory					C. Interna		
97. Diseases of the Nasal Passag	zes			1			11.00	
Adenoids		1	2		3		a Longha S	
Polypus		16	1				a manufacture of	
Rhinitis			1.00	- Strangers	C	1917 1	and the second second	
Coryza		1	-			1.0.0		
Total carried forward	L	37	496	31	533	31	1	
		1	1		000	1	1	

Return of Diseases and Deaths (In-Patients) for the Year 1932.

Return of Diseases and Deaths (In-Patients) for the Year 1932.

	1	Hos- 1931.	Yearly	Total,	ed.	Hos- 1932.	
Diseases.	111111	Remaining in H pital at end of 19	Admissions.	Deaths.	Total Cases Treated	Remaining in H pital at end of 19	Remarks.
Brought forward	-	37	496	31	533	31	
V.—Affections of the Respirator System (contd.)	y	-					
98. Affections of the Larynx-							
Laryngitis 99. Bronchitis—	100-						
(a) Acute	_		9	1	9	1	
(b) Chronic	-	2	1		3		
100. Broncho-Pneumonia 101. Pneumonia—	-	1	1	1	1		
(a) Lobar			4	2	4		
(b) Unclassified 102. Pleurisy, Empyema	-		3		3		
102. Plearnsy, Empyema 103. Congestion of the Lungs	_		0	1	0		
104. Gangrene of the Lungs							
105. Asthma 106. Pulmonary Emphysema			1		1		
107. Other affections of the Lungs-					in and		1.
Pulmonary Spirochaetosis	-						
VIDiseases of the Digestive Syst	tem.						
108. A Diseases of Teeth or Gums-	-						
Caries, Pyorrhœa, &c. B.—Other affections of the Mou	th-						
Stomatitis	-					•	
Glossitis, &c. 109. Affections of the Pharynx or Ton							and short of
Tonsillitis			18		18		American 197
Pharyngitis	-		3		3		
110. Affections of the Œsophagus 111. A.—Ulcer of the Stomach			1		1		
B.—Ulcer of the Duodenum							
112. Other affections of the Stomach-	-						Calif. S-21-
Gastritis Dyspepsia, &c.			36	in the	36	1	
113. Diarrhoea and Enteritis-							
Under two years J.14. Diarrhoea and Enteritis—	-		3	1	3		
Two years and over	-						Store in the
Colitis	-		12	3	12	1	
Ulceration 114a Sprue	-						100101
115. Ankylostomiasis	_		2		2		
116. Diseases due to Intestinal Parasi	tes —			10 1			Section 1 and
<ul><li>(a) Cestoda (Tænia)</li><li>(b) Trematoda (Flukes)</li></ul>				10 I.L. V	1. (1.0.1)		
(c) Nematoda (other than		14				N. I. I.	A STATUS
Ankylostoma)— Ascaris	-		10	4	10	1	Protect
Trichocephalus dispa	r —		10	1	10	-	
Trichina				in the state			10000
Dracunculus Strongylus							
Oxyuris	-						
(d) Coccidia. (e) Other parasites	-			1		Series.	
(f) Unclassified	-						
		20	579		010	0.5	
Total carried forward		39	573	44	612	35	

the second	A Designed of a	in Tearl		Total.	ed.	i ci	
Diseases.		Remaining in Hospital at end of 1931.	Admissions.	Deaths.	Total Cases Treated	Remaining in Hes- pital at end of 1932.	Remarks.
Brought forward		39	573	44	612	35	out .
VI.—Diseases of the Digestive System (contd.)					Contraction of the second		
17. Appendicitis			3		3		averal .
18. Hernia		1	28	2	29	3	
<ol> <li>A.—Affections of the Anus, Fis tula, &amp;c.</li> </ol>							2 (9)
B.—Other affections of the In-							a land
testines							Comment .
Enteroptosis			1				1 (0)
Constipation 20. Acute Yellow Atrophy of the L	iver		1		1		
21. Hydatid of the Liver							100 0
22. Cirrhosis of the Liver—							A Linnerson and
(a) Alcoholic							aurilials &
(b) Other forms							Thingsoin's
<ol> <li>Biliary Calculus</li> <li>Other affections of the Liver—</li> </ol>							And and And And
Abscess							-
Hepatitis							kr-Dunard
Cholecystitis			2		2		La L History
Jaundice 125. Diseases of the Pancreas			1		1		in the second
125. Diseases of the Fancreas 126. Peritonitis (of unknown cause)			1		1		- Anna
127. Other affections of the Digestive							(innit)
System			2		2		Advertised in
VII.—Diseases of the Genito-urin System (non-Venereal)	ary						reads and
128. Acute Nephritis			3		3		- TI-A
129. Chronic			8	2	8		IL-R low
130. A.—Chyluria				- distant			Concession 1
BSchistosomiasis							Lawrence .
<ol> <li>Other affections of the Kidneys- Pyelitis, &amp;c.</li> </ol>		-					Contraction of the
132. Urinary Calculus						1	a histo
133. Diseases of the Bladder—							Same Market
Cystitis			11		11		Carrie L
<ol> <li>Diseases of the Urethra—         <ul> <li>(a) Stricture</li> </ul> </li> </ol>	122	1	11		12		-sounds
(a) Stricture (b) Other		1	11 18		12	2	and the second states of
135. Diseases of the Prostate-			10		40		manten a des A
Hypertrophy		1	7	2	8		Discourse and
Prostatitis			3		3		(a)
<ol> <li>Diseases (non-Venereal) of the tal Organs of Man—</li> </ol>	Geni-						
Epididymitis	1.000						10
Orchitis		2	6		8		
Hydrocele			8		8		
Ulcer of Penis		1	4		5		
137. Cysts or other non-malignant Tu of the Ovaries		1	1	1	2		
138. Salpingitir		1	1	1	~		2
Abscess of the Pelvis							and the
139. Uterine Tamours (non maligna	nt)	2	6		8		(Fill) (b)
140. Uterine Hæmorrhage (non-puer	rperal)						
Total carried forward		10					
rour carried forward		48	697	51	745	40	

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COLONIAL HOSPITAL.

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COLONIAL HOSPITAL.

Return of Diseases and Deaths (In-Patients) for the Year 1932.

		Hos- 1931.	Yearly	Total.	ted.	Hos- 1932.	1
Diseases.		E'E.	sions.	ths.	Total Cases Treated	5 3.	Remarks.
132 - 12		Remaining pital at end o	Admissions.	Deaths	Total Ca	Remaining i	
Brought forward		48	697	51	745	40	mon z
VII.—Diseases of the Genito-uri System (non-Venereal) (contd.)	inary				THERE		
141. A.—Metritis			2		2		
B Other affections of the I	Female		-		-		
Genital Organs-					10.00 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		
Displacements of Uterus Amenorrhoea			1		1	-nel la	
Dysmenorrhœa			3		3		
Leucorrhœa							
42. Diseases of the Breast (non-	puer-						
peral)— Mastitis			1		1	and the second	
Abscess of Breast			2		1 2	ent l'as	
VIII.—Puerperal State.					1.1.1		
143. A.—Normal Labour		4	236		240	2	
B.—Accidents of Pregnancy—					240	2	
(a) Abortion			9		9	1	
(b) Ectopic Gestation			2		2	1	
(c) Other accidents of Preg 44. Puerperal Hæmorrhage	100		1	1	1	and a	
45. Other accidents of Parturition			1		1		
46. Pnerperal Septicæmia		2.39	2	2	2		
47. Phlegmasia Dolens							
48. Puerperal Eclampsia 49. Sequelæ of Labour			3	1	3	1	
50. Puerperal affections of the Brea					Tumber	100	
IX.—Affections of the Skin Cellular Tissues.	and			Juch	an Luis Billion		
51. Gangrene 52. Boil—			1		1	and the	
Carbuncle	- 1		5		5		
53. Abscess—					.,		
Whitlow			22		22	11111	
Cellulitis 54. A.—Tinea			$\frac{3}{23}$		3	2	
B.—Scabies			- 23		23	10.8	
55. Other Diseases of the Skin-					1	in l	
Brythema			-			o Rite	
Urticaria Eczema			10		I		
Herpes			10		10		
Psoriasis							
Elephantiasis			1		1		
Myiasis Chigoes			1				
Cutaneous Leishmaniasis			1		1		
X.—Diseases of Bones and Orga Locomotion (other than Tubercu						12.00	
56. Diseases of Bones—					12 mag		
Osteitis							
57. Diseases of Joints— Arthritis			-		-	-	
Synovitis			7		7	1	
ISI MLL	1000	10		in the			
Total carried forward		52	1,036	55	1,088	48	

Return of Diseases and Deaths (In-Patients) for the Year 1932.

	Hos- 1931.	Yearly Total.		te l	82		
Diseases.	Remaining in H pital at end of 1	Admissions.	Deaths.	Total Cases Treated	Remaining in Hos- pital at end of 1932.	Remarks.	
Brought forward	52	1,036	55	1,088	48		
X.—Diseases of Bones and Oryans of Locomotion (other than Tubercu- lous) (contd).				1. 2. 2.			
158. Other Diseases of Bones or Organs of Locomotion		4		4			
XI.—Malformations.							
159. Malformations— Hydrocephalus Hypospadias Spina Bifida, &c							
XII.—Diseases of Infancy.							
160. Congenital Debility 161. Premature Birth —		1	1	1			
162. Other affections of Infancy — 163. Infant neglect (infants of three months or over) —		4	2	. 4 5			
		9	~	0			
XIII.—Affections of Old Age. 164. Senility— Senile Dementia —			-				
XIV.—Affections produced by Ex- ternal Causes.	1	6	5	7			
165. Suicide by Poisoning 166. Corrosive Poisoning (intentional) 167. Suicide by Gas Poisoning 168. Suicide by Hanging or Strangulation 169. Suicide by Drowning							
<ul> <li>170. Suicide by Firearms —</li> <li>171. Suicide by cutting or stabbing In- struments —</li> <li>172. Suicide by jumping from a height —</li> </ul>							
173. Suicide by crushing 174. Other Suicides 175. Food Poisoning— Botulism					-		
176. Attacks of poisonous animals— Snake Bite — Insect Bite —				and and a			
177. Other accidental Poisonings — 178. Barns (by Fire) —		1 2 3	1	· 1 2			
179. Burns (other than by Fire)       —         180. Suffocation (accidental)       —         181. Poisoning by Gas (accidental)       —         182. Drowning (accidental)       —	-	3		3			
<ul> <li>183. Wounds (by Firearms, war excepted)</li> <li>184. Wounds (by cutting or stabbing In- struments)</li></ul>		20		20			
185. Wounds (by Fall)	1	13	1	14			
<ol> <li>Wounds (by Machinery) —</li> <li>Wounds (crushing, e.g. railway accidents, &amp;c.) —</li> </ol>		5		5	114.5		
	54	1,100	65	1,154	48		

Return of Diseases and Deaths (In-Patients) for the Year 1932.

.445	Hos- 1931.	Yearly	Total.	ated	Hos- 1932.	
Diseases.	Remaining in I pital at end of 1	Admissions.	Deaths.	Total Cases Treated	Remaining in F pital at and of 1	Remarks.
Brought forward	54	1,100	65	1,154	48	
XIV.—Affections produced by External Causes (contd.)						
189. Injuries inflicted by Animals, Bites,		1				
Kicks, &c		-		1		
<ol> <li>Wounds inflicted on Active Service</li> <li>Executions of civilians by belligerents</li> </ol>					1999	
192. A.—Over fatigue						
B.—Hunger or Thirst						
193. Exposure to Cold, Frost bite, &c			1		Call and	
94. Exposure to Heat-						
Heatstroke					1 20	
Sunstroke			1.16.60			
195. Lightning Stroke						
196. Electric Shock						
197. Murder by Firearms 198. Murder by cutting or stabbing In-						
struments			-			
199. Murder by other means						
200. Infanticide (Murder of an infant						
under one year)						
201. ADislocation		3	211	3		
B.—Sprain	-					
C.—Fracture	3	19	2211 712	22	3	
202. Other external Injuries		1	10.000	1		
203. Deaths by Violence of unknown						
cause		1.5	1.00			
XVIll-Defined Diseases.		Contraction of the	ALC: NO POINT	1000		
204. Sudden Death (cause unknown)						
205. A.—Diseases not already specified or ill-defined—				Arren de	Construction of the second	Sector and soperation
Ascites						
Œdema						
Asthenia			100		ale i	
Shock					See. S	
Hyperpyrexia B.—Malingering		2		2	to italia	
B.—Malingering		~		~	all so and a	
XVI.—Diseases, the total of which have not caused 10 Deaths.				Las Long		TT. Linking
Total	57	1,126	65	1,183	51	
Total	31	1,1.20	0.5	1,100	31	and and a

Operations.	1	No.	Deaths.	Operations.		No.	Deaths
Amputations : -	1			Brought forward		149	
Pinere Pinere		4		Glands:			
11		1		Excision		8	
Arm		1	18.14	Hernia:-			
Toe		14	16 11	Radical cure		19	
Foot		4		Strangulated		9	2
Leg		7		Hydroccel-:			
Thigh		1		Radical cure		7	
Breast		1	COLUMN TO	Hysterectory		. 1	
Penis		1		Incision and drainage:			
Scrotum		3		Abscesses		43	127-
Testicle		1		Incised wound stitching		5	
Appendectomy		1		Laparatomy :			E. Loy
Avulsion of Nail		25		Acute Intestinal			
Circumcision		59		Obstruction		1	
Curettage		3		Fibroids		4	
Enucleation of Eye		6		Peritonitis Tubercu	lar	1	
Excising Fistula		1		Ectopic Gestation		2	
xtraction of Foreign body:-	-			Ovarian Tumour		2	I
Back		1		Pterygium :			
Buttock		1		Excision		1	
Eye		1		Reduction of Para-			
Foot		1		phinosis		1	
Hand		2		Scraping ulcer		10	
Extraction of teeth		4		Sequestrectomy		4	
'ractures :				Tendon repair			
Reduction		5		Tonsillectomy		22	
Ununited Fracture		1		Tumour simple ex-			
				cision		13	Lat 1
Carried Forward		149		Total	•	303	3

Classification of Operations at Colonial Hospital 1932.

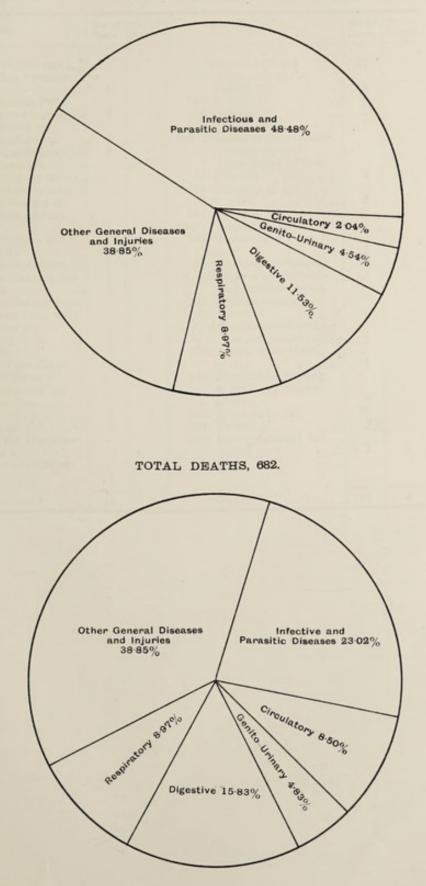
#### CHATEAUBELAIR HOSPITAL.

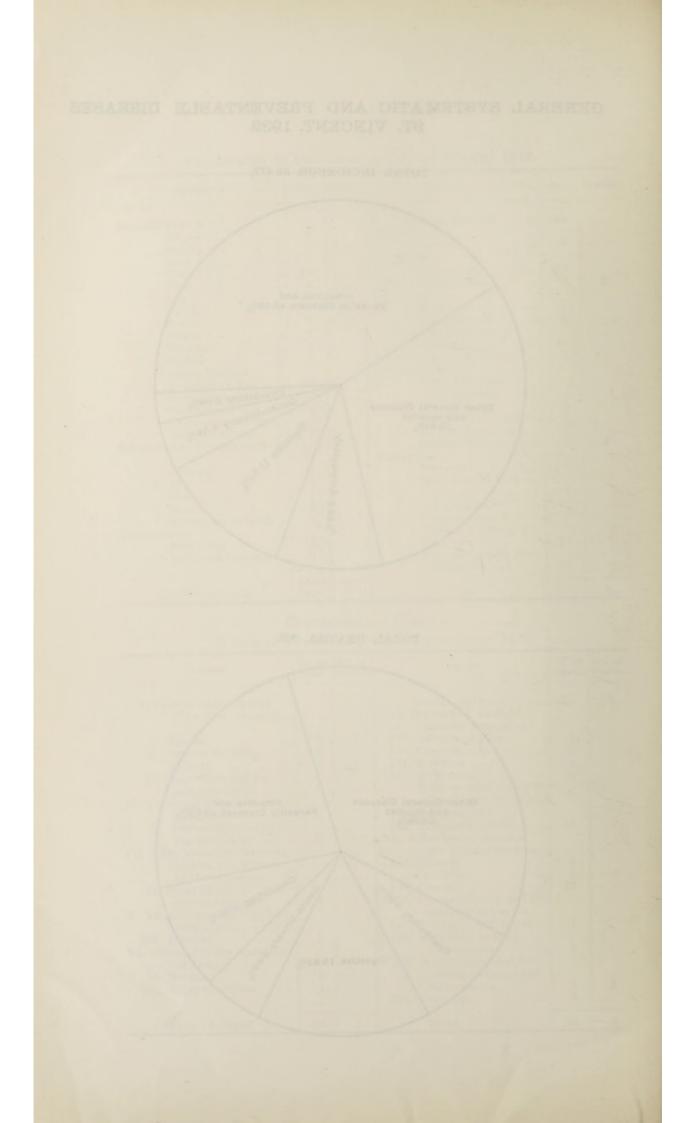
Return of	diseases	aud	deaths	for	the	vear	1932
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Diseases.		No. of Deaths.	Diseases.		No. of Deaths.
I. Epidemic, Endemic and			Brought forward	23	1
Infectious Diseases:			VII. Diseases of the Genito- urinary System:-		
5. Malaria	3	1	128. Acute nephritis	1	
38. Primary Syphilis	3		133. Cystitis	2	
Tertiary "	6		134. Stricture		0
40. Gonorrhœa and its			141. A. Netritis	1	1
complications	1		B. Other affections of fe-		Cont.
II. General Diseases not men-			<ul> <li>male genital organs</li> </ul>		
tioned above :			VIII. Puerperal State:		1.
57. Diabetes (not includ-		-	143. A. Normal labour	12	
ing Insipidus)	1		1X. Affections of the skin		
III. Affections of the Nervous			and cellular tissues:		
system and organs			153. Abscess	4	
. of the senses :			Cellulitis		
84. Other affections of the	1.11	1.1.1	155. Ulcers	22	
nervous system	2	-	XIV. Affections produced by		
V. Affections of the Respira-			external causes :		
tory system :			182. Drowning accidental	1	
102. Pleurisy	1		194. Wound by cutting		
VI. Diseases of the digestive	1.1.1		instruments	4	
system: -		1.5	198. Murder produced by		
118. Hernia	4		cutting and stabbing		
127. Other affections	2	1	instruments	1	1
		1	201. Fracture	5	
Carried forward	23	1	Total	38	2

#### GENERAL SYSTEMATIC AND PREVENTABLE DISEASES ST. VINCENT, 1932.

TOTAL INCIDENCE, 35,477.





# 35

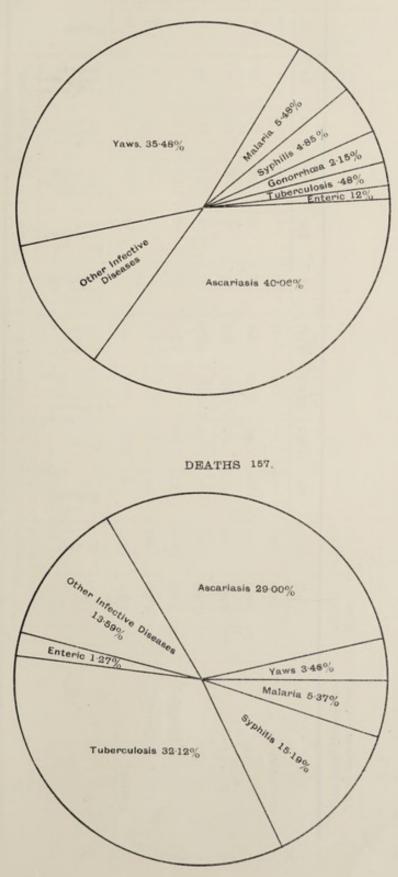
# GEORGETOWN HOSPITAL.

Rei	urn of	diseasés	and	deaths	for t	he y	ear	193	2.
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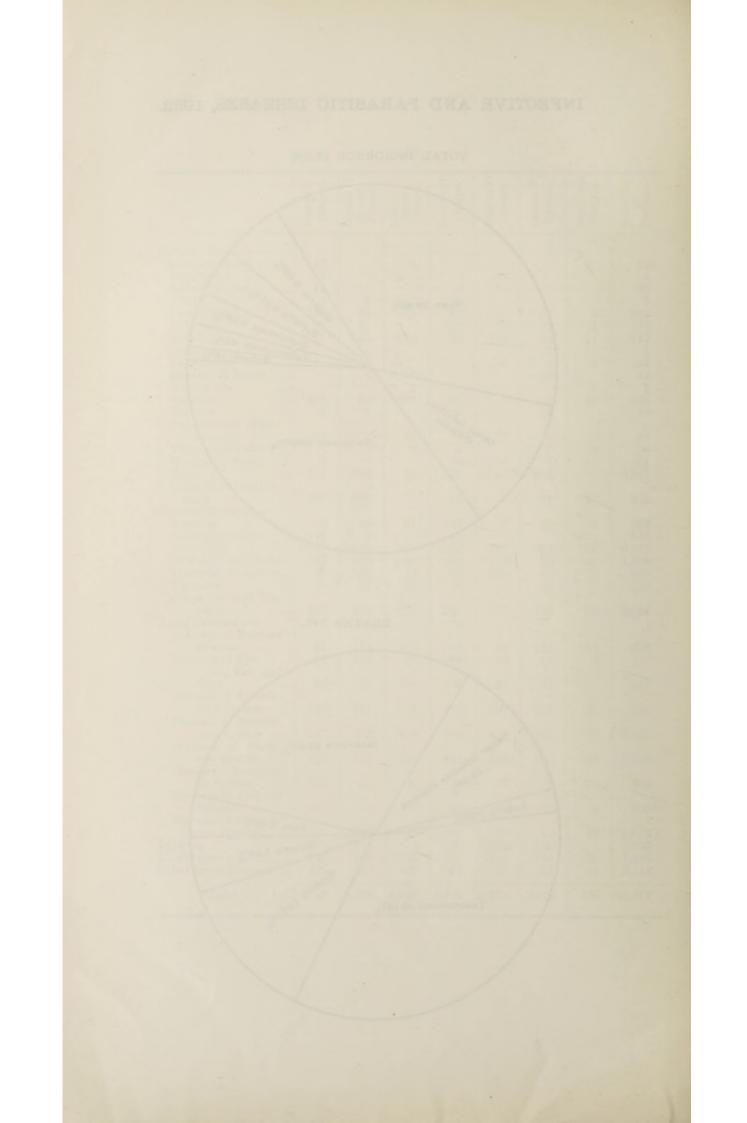
Diseases.	No. of Cases.	No. of Deaths.	Discases.	No. of Cases.	No. of Deaths
I. Epidemic, Endemic and			Brought forward	18	2
Infectious Diseases:			109. Affections of the		
25. Yaws	1		Tonsils	1	2.123
31. Tuberculosis, Pul-			112. Gastritis	6	
monary and Laryngeal	2		116. Ascaris	1	Fibble
35. Tuberculosis of	-		119. Constipation	1	
Bones and Joints	1	1.000	VII. Diseases of the Genito-		
38. Syphilis, secondary	î		urinary System		
II. General diseases not	-		(Non-Venereal) :		
mentioned above:			133. Cystitis	2	
46. Cancer or other mali-			134. Diseases of the		
gnaut Tumours of			Urethra	3	
the female genital			141. Metritis	1	
organs	1		VIII, Puerperal State :		
49. Cancer, organs not	-		143 Accidents of Preg-		
specified	1		nancy .	1	
51. Acute Rheumatism	î		148. Puerperal eclampsia	î	1
52. Chronic Rheumatism	î	14	IX. Affections of the skin	1.2	
58. Anæmia	î		and cellular tissues:-		
III. Affections of the nervous		1.00	153. Abscess—Cellulitis	1	
system and organs of		12000	155. Ulcer	1	
the senses :			XIV, Affections produced by	C C L	
71 1	1	1	external causes :		
QQ Manufills	î		179. Burns, other than		
IV. Affections of the Circu-			1	1	
latory System :			184. Wounds by cutting	-	
90. Other diseases of			or stabbing instru-		
the Heart :			manta	3	1200
Apulla	3	1	185. Wounds by fall	10	
Myocarditis	0	1	0.01 11 1	3	
VI. Diseases of the Digestive	~		201. Fracture 202. Other external in-	0	
System :		196		7	1
108. Diseases of teeth or			juries		1. 1.
	1				
gums	1				12
Carried forward	18	2	Total	61	4

	1 I 108.	E C	t II 1) 10	District III Diseases.	District IV Diseases.	A is	Grenadines Diseases.	No.
	District I Diseases.	trie outh seas	orth	Diseases.	Discrict I	Diseases.	renadine Diseases.	of
	Dis	District II (South) Diseases.	District II (North) Diseases.	Dist	Dis	District V Diseases.	Gre Dii	Total No. of Discases.
Infective Diseases :—			101			in a second		L.
Chicken Pox	12		1		1. Part 1.			13
Diphtheria	1	Consection of	1.5		-	11111		1
Enteric Fever	16			4	F 198	10000-03		20
Filaria	2	4	1.000	1		1		7
Gouorrhœa	152	84	67	40	41	32	6	322
Influenza	95	21	100	148	75	22	11	371
Malaria	87	503	170	24	215	32	11	942
Measles		1.1.1			0.0	1		1 1
Pneumonia		6	0		23	3	1	27 45
Rheumatic Fever	1	0	8		12	30	1	40
Septicæmia Syphilis	405	82	227	42	9	38	31	834
TID - Low room	105	1	201	7	5	1	01	10
Tuberculosis Pul-		-				1		10
monary	30	4	13	5	12	7	2	73
Tuberculosis other		1	2	1	1.~	i	2	10
Whooping Cough	6	in table	~	2	80	3	~	91
Yaws	867	908	83	1,371	2,060	802		6,091
Other Infective Dis-			0.0	1.0.0	1,000	00.2		Olopz
eases	126	695	YIZ .	15	2	74	47	959
General Diseases :							Different	7. 35
Anæmia	55	16	61	143	6	27	1	309
Ankylostomiasis	511	9		25	1	110111111		545
Ascariasis	1,029	2,793	924	907	601	525	94	6.873
Diarrhœa in Children	105	223	80	364	273	40	15	1,100
Diarrhœa in Adults	50	64	12	56	161	13	3	359
Tumours	59	37	18	6	5	10		135
Other General Dis-								
eases	201	484	207	367	617	278	33	2,187
Local Diseases :		and the second						1. mil
Diseases of Nervous			100					200
System	0.1	115	193	64	32	122	15	602
Diseases of Eye	91	143	83	103	63	68	8	556
, ., Ear and	83	67	96	136	28			444
Diseases of Circula-	00	01	30	150	20	34		444
dama Generations	118	131	78	121	109	147	23	727
Diseases of Respira-	110	101	10	1.41	105	141	20	1.21
	563	252	408	795	328	219	27	2,892
Diseases of Diges-	000	202	100	100	0.00	210		2,002
tive System	619	577	390	621	144	230	54	2,635
Diseases of Lympha-	01.0		erent.	Unit	111	2.00	Ja	~,000
tic System	175	64	33	59	13	22	16	382
Diseases of Urinary				0.		. ~~	10	00.0
System	117	100	93	105	67	70	8	560
Diseases of Genera-								000
tive System	170	330	214	192	85	42	19	1.052
Injuries	077	174	75	140	130	130		926
Ulcers (non specific)	1 10.00	169	275	365	145	154	56	1,413
Other Local Diseases	10.0	649	314	471	50	251	11	2,151
						-		-
Total	6,742	8,708	4,126	6,700	5,274	3,429	498	35,477

## INFECTIVE AND PARASITIC DISEASES, 1932.



TOTAL INCIDENCE 17,165.



RETURN of duties performed by the District Medical Officers during the year 1932.

		.stsoupnI	10	1	I	10	1	1	1	33
VTIONS.		Xo. of uns cessful va cinations.	1	6	I	27	1	62	I	66
VACCINATIONS.		Xo. of suc- cessful va cinations.	152	134	29	618	219	149	44	1,383
		I.abourers of charges of charges	1,559	102	1,746	2,976	632	737	165	8,516
CASES.	+1	Police and and priso ers.	621	¢1	00	25	9	60	1	636
NUMBER OF ATTENDANCES ON CASES.		Destitute women in child bird	1	1	1	1	61	62	1	4
OF ATTEN		years. Vears.	810	257	1.306	2,630	229	435	16	6,111
NUMBER		Labourers' children under 10 years of a	2,964	2,231	5,403	6,454	2,137	1,163	260	20,612
		Pauper.	2,276	2,933	2,780	2,128	868	887	1	11,872
.¥.		Deferred.	52	107	11	1	105	173	1	434
PRESCRIPTIONS,		Payment.	1,787	594	1,648	2,664	496	423	165	7,877
PR		Free.	7,278	5,463	9,033	11,928	2,553	1,830	372	38,557
		1	:	:	:	:	:	:	:	
			I	II (North)	II (South)	III	1V	V	tes	
			District			:		:	Grenadines	

Total No. of Prescriptions ... 46,868 Total attendances in Districts ... 47,751

37

YAWS RETURNS, 1932.

	On lis 19	On list from 1931.	Cases during	Cases added during 1932.	Trea	Fotal cases Treated.	Cases discharged Cured.	scharged ed.	Defau 31. 1	Defaulters at 31. 12. 31.	Remaining at 31. 12. 32.		No. of Injections.	No. of tubes K.P.N. used.	No. of c. c. "Sobita" used
into T	Adult.	Adult. Child. Adult. Child.	Adult.	Child.	Adult.	Child.	Adult.	Child.	Adult.	Child.	Adult.	Child.			
January	I	1	518	846	479	770	79	138	39	. 76	439	708	1.942	65	3,208
february	1	1	153	230	471	737	144	192	111	201	448	746	2.721	26	3,679
March	1	1	157	285	455	710	148	242	150	321	457	789	1,399	41	3,419
April	1	1	177	288	501	812	116	238	135	271	520	845	1,385	11	3,384
	1	1	160	273	588	168	162	284	56	227	518	834	1,588	32	2.984
0	1	1	198	341	587	1128	101	155	129	304	615	1,020	1.768	18	3,366
	1	1	253	499	762	1,210	101	230	106	232	707	1.212	2,539	13	4,200
Angust	1	1	282	428	836	1.235	504	373	153	405	183	1.267	2,184	62	4,013
ember	1	1	165	475	503	1.457	244	473	176	285	835	1.269	2.412	ti i	4.604
October	1	1	599	111	268	1.265	101	272	237	415	226	1.408	2.458	83	4.742
November	1	1	261	461	049	1.497	358	476	189	372	880	1.393	2.023	43	3,322
December	1	1	236	399	1,116	1,792	1,116	1.792	1		1	I	2,229	65	3,379
Total		1	2,988	4,859	8,044	13,217	2.990	4,865	1,517	3,109	7,181	11,491	24.648	606	44,300
					1.454	ーーシアー	1. 22	1 1 1 1 1		1 1 1 1 1 1	-				

SUMMARY COLONIAL HOSPITAL, 1932. No. of Injections given at Colonial Hospital during 1932=1,110.

Total.	191 88	279
Female.	90 37	127
Male.	101 51	152
Patients.		
	Adults Children	Total

INFECTIONS:-Arsenial Preparations 333 doses of 3 gm. Bismuth ... 2,010 c. c.

38

		Т	'emperatur	e.	Rai	nfall.	W	ind.
Month.		Shade Max.	Shade Min.	Mean Range.	Inches.	Degree of Humidity.	General Direction.	Average force Miles per hour
*January					4.48	73.7	E. & S.E.	7.0
February		83.0	72.3	10.7	3.26	68.9	N.& N.E.	7.27
March		84.4	74.4	10.0	3.46	69.9	E. & S.E.	7.32
April		85.5	77.5	8.0	2.98	79.5	E. & N.E.	10.79
May		84.7	76.6	8.1	6.61	72.7	E. & S.E.	9.59
June		85.0	76.7	8.3	12.32	76.3	S.E.	8.69
July		85.3	76.2	9.1	8.03	73.9	E. & S.E.	7.72
August		86.3	76.1	10.2	10.00	75.6	N.E. & E.	5.44
September		86.6	76.2	10.4	7.98	71.9	E.	6.2
October		86.7	76.0	10.7	12.06	80•3	E. & S.E.	4.83
November		85.6	75.3	10.3	11.95	75.7	S.E.	5.28
December		84.0	73-5	10.2	14.45	77.2	S.E. & N.E.	7.61
					97.58			

### METEOROLOGICAL INFORMATION FOR 1932.

\* Thermometer out of order.

			+		



