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BRITISH HONDURAS
ANNUAL MEDICAL REPORT
FOR THE YEAR ENDING
31st December, 1950.

Government Printer—British Honduras.

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BRITISH HONDURAS ANNUAL MEDICAL REPORT FOR THE
YEAR ENDING 31st DECEMBER, 1950.

I. MAIN EVENTS.

Staff. The medical staff, as authorised, consists of a Director of Medical Services, a Resident Surgeon and eight Medical Officers. The shortage of medical staff continued throughout the year, the department being short of two medical officers out of a total establishment of ten. In addition, three medical officers, one of whom is on pre-retirement leave, are now on vacation leave. Due to shortage in the past, medical officers have had to shoulder extra burdens and it has been considered advisable to grant leave to those who have qualified for it.

Dr. L. P. Younglao, Senior Medical Officer, was transferred to Trinidad on 7th December.

Dr. L. A. P. Slinger, O.B.E., arrived in the Colony on 28th November and assumed duty on the same day as Director of Medical Services.

Two Medical Officers were recruited to the staff, namely, Dr. A. Goscinski on 20th January and Dr. J. M. Hastings on 3rd March.

Dr. S. H. Wharton, Dr. G. G. Smith, Dr. S. J. Lach went on vacation leave and Dr. T. Patterson on pre-retirement leave during the year.

A qualified Radiographer was added to the staff at the beginning of the year.

An Ophthalmic Surgeon was seconded from the Jamaica Government Service for duty in the Colony for a period of three weeks. It is hoped to obtain the services of this officer twice yearly in future.

Training of Junior Personnel. Eight girls were accepted for a three-year course of training at the Belize Hospital as general nurses. Three candidates commenced training as Rural Nurses and five were admitted for midwifery training alone. The course for Rural Nurses covers twenty-one months, nine of which are devoted to midwifery.

Three qualified nurses were sent in September to the Public Health Training Station in Jamaica for a course in Public Health Nursing under a Development and Welfare Grant. It is intended that these candidates be posted in Belize on their return to the Colony.

Six candidates successfully completed their course in general nursing, four in midwifery, whilst two passed their examinations as general nurses and midwives at the Belize Hospital.

A candidate completed a course of training as a Sanitary Inspector in Jamaica.

Visits. Miss Alice C. Shaffer, Dr. D. Owens, Dr. Montoya, representatives of the United Nations International Children's Emergency Fund and the Pan American Sanitary Bureau, visited in January and as a result of discussions with the Senior Medical Officer, UNICEF has kindly agreed to make available to the Colony materials to the extent of U.S. \$20,000 to assist the department in controlling insect-borne diseases, particularly amongst children on a colony-wide basis for a period of two years.

Dr. Grey Turner, Assistant Secretary of the British Medical Association arrived on the 24th January and had discussions with the Senior Medical Officer concerning the formation of a branch of the British Medical Association in this Colony, or failing this a Medical Society.

Miss Alice C. Shaffer, UNICEF Representative paid a visit to the Colony on 4th May to discuss a programme for the feeding of the school children with UNICEF's assistance.

Mr. John Deal of the World Health Organization visited the Colony on the 4th August and 22nd November to inspect and advise on UNICEF's DDT Programme.

Dr. Lumps, Executive Secretary of the Caribbean Commission arrived on the 3rd September to discuss and collect data on certain aspects of Communicable Diseases and Health Education.

Dr. Juan C. Caromargo of the World Health Organization arrived on 27th October to collect data on the control of *Aedes Aegypti*, the vector of Yellow Fever.

Mr. G. Carter, a representative of the UNICEF Mission stationed in Guatemala, arrived on 3rd November to inspect and advise on UNICEF's School Demonstration Feeding Programme.

Legislation. Ordinance No. 9 was passed to amend the Chemists and Druggists Ordinance of 1939 (No. 17 of 1939).

Finance. The estimated expenditure of the Department was \$336,953 representing 13.03% of the Colony's budget.

A. Revenue—

Laboratory Fees	\$658.50
Hospital (Maintenance of patients and operation fees) ..	14,436.92
Total	\$15,095.42

B. Expenditure—

(1) Personal Emoluments	\$125,171.82
(2) Dieting—Total Expenditure	44,232.74

incurred in respect of the following Institutions:—

Institutions	Total Expenditure in Dollars	Average daily number of Patients	Cost per Head per Diem in Cents
Belize Hospital	\$13,780.99	98	.38¢
Mental Hospital and Poor House ..	19,468.25	141	.38¢
Corozal Hospital	2,454.64	12	.56¢
Orange Walk Hospital	1,332.87	8	.46¢
Stann Creek Hospital	2,695.55	25	.30¢
Toledo Hospital	2,100.08	15	.38¢
Cayo Hospital	2,400.36	12	.55¢

(3) Feeding of School Children—

Belize	\$9,279.67	
District Towns and Villages		\$3,851.89

Total \$13,131.56

(4) Health Service—

Belize	\$36,221.64
Districts	26,091.35

(5) Other Charges \$86,895.64

II. DEVELOPMENT AND WELFARE SCHEMES.

Scheme D.1020—Rural Dispensaries—A supplementary grant was approved under this scheme for the inclusion of Nurses' Quarters in the dispensaries. It was planned to erect three rural dispensaries in 1950; work has started on the buildings at Barranco and Monkey River (Toledo District) and is nearing completion. The dispensary planned for Stann Creek Valley will be completed in 1951 and San Antonio, Sarteneja and Double Head Cabbage will all also be supplied with new dispensaries.

Scheme D.1108—Training of Junior Personnel. This scheme has already been referred to in paragraph 2.

Scheme D.1334—Training of a Dispenser Tutor. This course of training will be completed in 1951.

Scheme D.1296—Improvements to Belize Hospital. By this scheme a new Out-patient Department was constructed at the Belize Hospital, whilst the old Out-patient Department was converted into a 18-bed Female Ward. This has relieved congestion considerably on the female side and has improved the appearance of the hospital.

III. HOUSING.

In Belize, the capital city, the majority of the population live in houses constructed of timber with galvanized iron roofs and usually standing on wooden

piles about seven feet above the level of the ground, which is generally swampy and flooded in wet weather. The work of filling in plots is constantly being undertaken by private individuals and the City Council, while reclamation schemes have been undertaken by Government from time to time. Only a small number of the population lives in houses which they own.

Housing conditions elsewhere in the Colony are poor. The principal building medium is locally grown pine with imported corrugated iron for roofing. The Indians utilise native round wood for framing with mud walls and thatched roofs made from local palmetto leaves.

The Central Housing and Planning Authority has received approval for a scheme to erect thirty-three houses and lease twenty-two lots for houses for low income groups on the north side of the city. The scheme is now completed.

IV. PUBLIC HEALTH.

COMMUNICABLE DISEASES.

The general health of the Colony remained comparatively satisfactory during the year. The death rate per 1,000 was ~~13.03~~ ^{11.87} whilst the infant mortality rate was 106.5 per 1,000 live births, as compared with 104.8 per 1,000 in the previous year.

Malaria. In a country as low-lying and swampy as British Honduras Malaria holds the first place as the principal cause of morbidity. The disease is spread throughout the whole territory, though Stann Creek Valley, where the vector is chiefly the *A. darlingi*, claims the highest incidence. Out of 2,758 blood smears examined for Malaria parasites 288 or 10.44% were positive and of the number of positives 69.09% were found to be *P. Falciparum*. Twenty-nine deaths were certified by medical practitioners as against 45 in the previous year representing 6% and 9% respectively of the certified deaths of all causes.

Malaria cases admitted to the various hospitals were as follows:—

Institutions	Cases	Total Admissions	Percentage of Admission
Belize	217	3,906	5.55
Corozal	39	329	11.85
El Cayo	63	413	15.25
Stann Creek	324	1,483	21.84
Toledo	135	563	23.98
Orange Walk	28	216	12.96
Total	806	6,910	11.66

Typhoid and Paratyphoid. Sixty-six cases of the enteric group of Fevers were notified with 6 deaths as compared with 60 cases and 5 deaths in 1949. There was a sharp rise in the endemicity of this disease in May, when fifteen cases were reported from the city.

Treatment with Chloromycetin, which for economic reasons is reserved for the more severe cases, gave excellent results.

Dysentery. One hundred and seventy cases were notified with 16 deaths as compared with 148 cases and 25 deaths in 1949. Fifty-nine cases were of the amoebic type, 11 were bacillary and 120 unspecified.

Pulmonary Tuberculosis. Forty-nine cases were notified with 34 deaths as against 45 cases and 33 deaths in the previous year, representing a death rate of 51 and 50 per 100,000 of population respectively.

Most of the patients suffering from this disease present themselves for examination and treatment in the last and most advanced stage of the disease where isolation and relief of symptoms is all that is possible.

Tuberculosis Hutments are provided for the isolation and treatment of twelve cases of pulmonary tuberculosis. These huts are most unsuitable and it is hoped in the near future that better and more modern accommodation will be obtained for this work.

Comparative death rate for the period 1940-1950 is shown below:—

Year	Total Deaths	Death rate per 100,000 of population
1940	34	50
1941	38	50
1942	31	60
1943	44	50
1944	29	73
1945	37	51
1946	42	51
1947	32	70
1948	45	71
1949	33	50
1950	34	51

Measles. Two hundred and fifty-eight cases were notified with 2 deaths. This outbreak started in Belize towards the beginning of the third quarter of the year and spread throughout the Colony.

Social Diseases. There were 5,473 attendances at the Social Diseases Clinic during the year as against 5,383 in the previous year. Fourteen cases of Congenital Syphilis and 231 cases of acquired Syphilis and 480 cases of Gonorrhoea were notified in 1950.

Of 3,684 samples of Blood taken for Kahn test 706 or 19.16% were found positive. Whilst the routine Kahn test of 714 pregnant women, attending the Ante-natal Clinic, showed positive results in 64 cases or 8.96% which gives a more accurate picture of the real incidence of Syphilis in the population.

Tables showing the distribution of cases and deaths from Communicable and Parasitic Diseases according to Districts and the age and sex distribution of deaths from Pulmonary Tuberculosis are shown in Appendices 1 and 2 respectively.

VITAL STATISTICS.

The figures and rates in respect of 1949 and 1950 are shown below:—

	1949	1950
Estimated population at 31st December	65,354	67,430
Number of births registered	2,548	2,657
Number of deaths from all causes	877	845
Number of deaths in Infants under 1 year of age	266	284
Number of Deaths in Infants under 1 month	112	104
Number of Still-births	86	107

Rates

Birth rate per 1,000 of population	38.9	39.40
Crude death rate per 1,000 of population	13.41	11.04
Infant mortality rate per 1,000 live births	104.8	106.5
Non-natal death rate per 1,000 live births	40.3	39.1
Still birth rate per 100 live births	3.3	4.02

Only 56% of all deaths were certified by a medical practitioner as compared with 56.6% in 1949.

Tables showing the age and sex distribution of deaths from all causes, classification of causes of deaths in infants under 1 year of age, comparison of births and deaths in infants under 1 year of age for the period 1944-1950 and causes of death in pre-school child (1-5 years) are shown in Appendices 3, 4, 5 and 6 respectively.

VI. PREVENTIVE MEASURES.

Hygiene and Sanitation. The Health Department is in charge of the sanitation and scavenging of the capital city and district towns in addition to the rest of the Colony. This is not a satisfactory arrangement as this work should be undertaken by the City Council and the various district boards under the advice and guidance of the Sanitation department and by so doing liberate sanitary inspectors to do more valuable work for which they have been trained.

The Health Department is also responsible for the enforcement of regulations governing the erection of all new buildings and extensions in Belize.

There is no sewerage system in the capital; night-soil is dumped, with official permission, at night time into two open canals which run through the centre of the city. The water in these canals is often stagnant and in the dry weather the portions of the canals become dry; the result is obnoxious and most unsanitary. It is hoped that the City Council will adopt some effective measures in the near future to abate this nuisance. During the year in Belize all bakeries, restaurants, hotels, slaughter houses were inspected regularly.

Mosquito Control. The campaign against Malaria and insect-borne diseases which was started in a small scale in 1949 was intensified throughout the year. Assistance from the United Nations International Children's Emergency Fund to the extent of U.S. \$24,000 in materials and equipment for a two-year campaign in Insect-Control was obtained. The campaign consists of the residual spraying of every house in the colony with a 5% emulsion of DDT twice a year for two years. The aim is to deposit 200 mgm DDT per square foot of surface and the sanitary inspectors, who supervise the work and the sprayers, were given preliminary training by an expert from UNICEF.

Before the end of the year 98% of the houses have had their first spraying, whilst work on the second spraying had started in some areas. Sufficient data, concerning adult captures following the first spraying, has not yet come in to determine the effectiveness of the campaign to date, but the general impression is that there is a noticeable reduction in the mosquito population and some districts report a fall in the number of malaria cases amongst infants. It is, however, too early to come to any conclusions.

Enteric Control. Prompt measures were taken to control the epidemic of Typhoid Fever which broke out in May, including the inoculation of about 4,000 people or roughly one-sixth of the population of Belize. The people were notified through the Press of the precautions they should take to avoid contracting the disease. Only eight cases were reported from the city in the subsequent three months.

Water Supplies. More wells were sanitated as public water supplies in various villages during the year.

Latrine Construction. As a preventive measure against Ancylostomiasis 163 private pit latrines were erected during 1950.

VII. HOSPITALS.

The total bed strength of the six hospitals in this colony is 225 or 3.6 beds per 1,000 of the population.

There were 6,910 admissions during the year as compared with 6,301 in 1949, made up as follows:—

Belize Hospital	..	..	..	..	..	3,906
Stann Creek Hospital	..	..	..	..	..	1,483
Punta Gorda Hospital	..	..	..	..	..	563
Corozal Hospital	..	..	..	..	..	329
Cayo Hospital	..	..	..	..	..	413
Orange Walk Hospital	..	..	..	..	..	216

Maternity Ward, Belize Hospital. There were 496 deliveries with 5 maternal deaths as compared with 490 deliveries and 2 deaths in the previous year.

The following is a list of Surgical operations performed in the Belize Hospital:—

Appendicectomy	..	..	..	..	..	80
Intestinal Obstruction	..	..	..	..	..	1
Other Abdominal Operations	..	..	..	..	..	21
Herniorrhaphy	..	..	..	..	..	65
Hysterectomy	..	..	..	..	..	20
Caesarian Section	..	..	..	..	..	6
Ectopic Gestation	..	..	..	..	..	10
Genito-urinary Operation	..	..	..	..	..	9
Cataracts	..	..	..	..	..	8
Other eye, ear, nose and throat Operations	..	..	..	..	..	28

Amputations	..	..	..	..	..	10
Fractures	..	..	..	..	..	13
Other Minor Operations	..	..	..	..	..	448
Total						719

Out-patient Department. There was a total of 54,123 attendances at the six out-patient's departments as follows:—

Belize	..	..	..	..	..	38,267
Corozal	..	..	..	..	..	2,653
Orange Walk	..	..	..	..	..	4,167
Cayo	..	..	..	..	..	1,636
Stann Creek	..	..	..	..	..	6,030
Toledo	..	..	..	..	..	1,370

Tables showing morbidity returns in respect of the hospitals and out-patient departments are shown in Appendices 7 and 8 respectively.

Dental Clinic. Two clinics were held weekly at the Belize Hospital with a total attendance of 2,217 as against 2,389 in 1949. Visits were also paid by a dental surgeon to the rural districts.

Laboratory. A total of 13,856 examinations were made, classified as follows:

1. *Haematology*

No. of Full Blood counts	..	..	..	..	429
No. of Single Haemoglobin tests	..	..	..	..	697
No. of White Cell counts with differential	..	..	..	..	103
No. of E.S.R. (Cutler)	..	..	..	..	48
No. of Coagulation time	..	..	..	..	—
No. of Blood grouping	..	..	..	..	41
Total Haematology	..	..	..	..	1,318

2. *Biochemistry*

No. of Blood Sugar	..	..	..	..	5
No. of Blood Urea	..	..	..	..	21
No. of Spinal fluids	..	..	..	..	4
No. of Renal function tests	..	..	..	..	4
No. of Fractional test meals	..	..	..	..	—
Total Biochemistry	..	..	..	..	34

3. *Serology*

No. of Kahn tests	..	..	..	..	3,684
No. of Kahn tests positive	..	..	..	..	706
Percentage of positives	..	..	..	..	19.16%
No. of Widal tests	..	..	..	..	215
No. of Widal tests positive	..	..	..	..	83
Percentage of positives	..	..	..	..	38.60%
Total Serology	..	..	..	..	4,688

4. *Blood Parasites*

No. of Blood Smears for Malaria	..	..	..	..	2,758
No. of positives	..	..	..	..	288
Percentage of positives	..	..	..	..	10.44%
No. containing P. Falciparum	..	..	..	..	199
Percentage P. Falciparum	..	..	..	..	69.09%
No. containing P. Vivax	..	..	..	..	86
No. containing P. Malaria	..	..	..	..	3

5. No. of Smears for G.C.	352
No. of positives	97
Percentage of positives	27.56%

6. Throat Swabs for K.L.B.	8
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7. No. of Stools	318
No. of positives for Helminthic Ova	81
Percentage of positives	25.47%
No. of positives for E. Histolytica	..	..	..	..	28
	..	..	..	..	8.80%

8.	No. of Sputum for K.B.	..	..	..		290
	No. of positives	..	..	..	88	
	Percentage of positives	..	..	..	30.34%	
9.	No. of complete Urine Analyses	..	..			4,879

<i>Mental Hospital</i>				Male	Female	Total
No. of inmates present at the beginning of the year				49	36	85
No. of inmates admitted during the year	..	..		17	8	25
No. of inmates discharged during the year	..			11	5	16
No. of inmates died during the year	..	..		6	9	15
No. of inmates remaining at the ending of the year				51	30	81

Of the number admitted during the year 13 were for observation and 11 were certified as insane.

<i>Poor House</i>				Male	Female	Total
No. of inmates present at the beginning of the year				39	25	64
No. of inmates admitted	..	..	..	31	16	47
No. of inmates discharged	..	..	..	8	7	15
No. of inmates died	..	..	..	22	16	38
No. of inmates at the ending of the year	..	..		40	19	59

Airport and Port Health Work. No cases of any of the Convention Diseases were seen in the Airport or any of the seaports and no quarantine restrictions were imposed against any country. A qualified nurse was attached to the Airport to examine all incoming passengers.

Maternal Hygiene. Clinics were held at seventeen centres throughout the Colony with a total of 6,248 attendances. In Belize the number of cases registered was 558.

Child Hygiene. Clinics were held at nineteen centres with a total attendance of 48,189. In Belize clinics were held weekly at two clinics, one on the north side and the other on the south side of the city. The following statistics show the volume of the work done in Belize and prove the urgent necessity for a Health Centre.

	Mesopotamia	Hudson Street	Total
No. of Clinics held	48	50	98
No. of new babies registered	336	319	655
No. of attendances	7,565	6,476	14,041
No. of medical examinations	408	366	774
No. of health visits to homes	1,395	1,317	2,712
No. of deaths	12	21	33
No. of deaths under 1 year of age	10	15	25
No. of pounds Powdered Milk distributed	163	243	406
No. of pints Cod Liver Oil distributed	157	127	284
No. of pounds Food Yeast	147	120	267

Feeding of School Children. It was possible to get assistance from UNICEF to feed 4,000 school children and 500 infants under one year of age for a period of one year. The number of school children on the roll exceeds 11,000 and of these it was possible to feed nearly 6,000 from government funds and UNICEF's assistance as compared to 420 in 1949.

A fund was started by Lady Garvey, wife of His Excellency the Governor, during the year to augment the school feeding scheme and the Red Cross Society took over the feeding of the pre-school age group of children. Soup kitchens, preparing a hot mid-day meal, have been organized where this was found possible. On the whole, a snack of milk, bread, margarine and fish liver oil capsules is being given daily throughout the school year to selected children. Parents are encouraged to assist the programme by contributing something in kind or labour, but the response has not been satisfactory. Encouraging reports have come from the schools regarding the physical and mental improvement of the children receiving this help.

DISTRIBUTION OF CASES AND DEATHS FROM COMMUNICABLE AND PARASITIC DISEASES ACCORDING TO DISTRICTS.

DISEASES	BELIZE		NORTHERN DISTRICT		STANN CREEK		TOLIDO		CAYO		TOTAL	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Typhoid Fever and Paratyphoid Fever ..	51	4	5	—	3	1	4	—	3	1	66	6
Bacillary Dysentery ..	5	—	—	—	1	—	—	—	5	—	11	—
Amebic Dysentery including Amebiasis of any site ..	48	2	—	—	8	—	—	—	3	1	59	3
Dysentery unspecified ..	46	6	25	5	23	2	2	—	4	—	100	13
Whooping Cough ..	31	—	—	—	—	—	11	3	—	—	42	3
Diphtheria ..	4	1	—	—	—	—	—	—	—	—	4	1
Measles ..	225	2	22	—	—	—	—	—	11	—	258	2
Influenza ..	635	3	—	2	—	—	44	—	2	—	681	5
Tuberculosis of respiratory system ..	35	27	2	2	6	3	4	3	2	—	49	34
Other forms of Tuberculosis ..	26	4	—	—	4	—	1	—	3	—	34	4
Gonococcus infection of the female genito-urinary system ..	96	—	5	—	17	—	5	—	14	—	137	—
Gonococcus infection of the male genito-urinary system ..	123	—	12	—	21	—	9	—	21	—	186	—
Gonococcus infection of the eye ..	15	—	—	—	—	—	2	—	—	—	17	—
Other forms of Gonococcal infection ..	126	—	1	—	10	—	—	—	3	9	140	—
Malaria unspecified ..	1675	9	586	6	1172	1	243	3	163	—	3839	28
Malignant tertian malaria (P. falciparum) ..	201	2	—	—	3	—	—	—	20	—	224	2
Quartan malaria (P. Malariae) ..	54	—	—	—	—	—	—	—	—	—	54	—
Benign tertian malaria (P. Vivax) ..	105	—	—	—	—	—	—	—	—	—	105	—
Black Water Fever ..	—	—	—	—	3	—	—	—	—	—	3	—
Early Syphilis ..	122	—	—	—	6	—	2	—	2	—	132	—
Syphilis of the Nervous System ..	7	—	2	—	1	—	—	—	—	—	10	—
Other forms of Syphilis ..	70	1	—	—	12	—	3	—	4	—	89	1
Congenital Syphilis ..	10	2	1	—	—	—	2	—	1	—	14	2
Cerebrospinal (meningococcal meningitis) ..	6	3	—	1	—	—	—	—	—	—	6	4
Erysipelas ..	2	—	—	—	—	—	—	—	1	—	3	—
Tetanus ..	5	5	—	—	—	—	—	—	—	—	6	—
Septicæmia ..	—	—	—	—	25	—	34	—	—	—	59	—
Acute poliomyelitis but not sequelæ to the acute disease ..	—	—	—	—	—	—	—	—	—	—	—	—
Acute infectious encephalitis ..	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal Worms other than Ankylostomiasis ..	1209	—	60	—	21	—	8	—	7	—	1305	—
Ankylostomiasis ..	35	—	—	—	27	—	6	—	4	—	72	—
Chancroid ..	—	—	3	—	1	—	1	—	2	—	7	—
Lympho-granuloma inguinale ..	36	—	12	—	1	—	4	—	—	—	53	—
Other forms of Venereal diseases ..	44	—	1	—	5	—	4	—	—	—	54	—
Dengue ..	—	—	—	—	—	—	—	—	—	—	—	—
Other infectious or Parasitic diseases ..	28	—	—	—	—	—	—	—	—	—	28	—
Total ..	5,075	71	737	16	1,370	6	390	11	275	11	7,847	115

PULMONARY TUBERCULOSIS.

Table showing the Age and Sex Distribution of Deaths.

Age Group	Males	Females	Both Sexes
Under 5 years	—	1	1
6-10	—	—	—
11-20	2	3	5
21-30	2	5	7
31-40	2	6	8
41-50	3	4	7
51-60	1	—	1
Over 60 years	2	3	5
Others	—	—	—
Total	12	22	34

APPENDIX 3.

AGE AND SEX DISTRIBUTION OF DEATHS FROM ALL CAUSES ACCORDING TO DISTRICTS.

Age Group	Belize District			Corozal District			Orange Walk District			Stann Creek District			Toledo District			Cayo District			Total Colony		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 year of age	55	47	102	27	24	51	10	9	19	19	6	25	39	18	57	13	17	30	163	121	284
1-4 years of age	6	15	21	4	5	9	5	4	9	4	1	5	11	12	23	4	7	11	34	44	78
5-9 "	3	4	7	—	2	2	—	—	—	1	1	2	3	2	5	—	1	1	7	10	17
10-14 "	1	1	2	2	1	3	—	—	—	—	1	1	3	2	5	1	—	1	7	5	12
15-19 "	4	5	9	3	3	6	—	1	1	1	—	—	—	4	5	4	1	5	12	15	27
20-24 "	5	11	16	—	3	3	1	1	2	1	—	2	—	4	6	—	2	2	9	21	30
25-29 "	—	5	5	1	3	4	1	1	2	—	—	—	11	2	13	4	1	5	17	12	29
30-34 "	1	7	8	1	—	1	—	—	—	—	1	1	1	4	5	—	1	1	3	13	16
35-39 "	3	8	11	1	—	1	2	1	3	—	1	1	2	2	4	—	—	—	8	12	20
40-44 "	10	10	20	—	4	4	—	1	1	2	3	5	1	4	5	—	—	—	13	22	35
45-49 "	7	6	13	1	2	3	—	2	2	3	2	5	2	1	3	—	2	2	13	15	20
50-54 "	7	8	15	—	—	—	1	—	1	2	—	2	3	1	4	1	—	1	14	9	23
55-59 "	6	7	13	1	1	2	1	1	2	2	1	3	2	—	2	3	1	4	15	11	26
60-64 "	11	11	22	3	4	7	1	2	3	2	1	3	1	2	3	2	2	4	20	22	42
65 and over	52	59	111	11	8	19	5	2	7	8	9	17	6	7	13	2	9	11	84	94	178
TOTAL ..	171	204	375	55	60	115	27	25	52	45	27	72	87	66	153	34	44	78	419	426	845

APPENDIX 4.

CAUSES OF DEATH UNDER ONE YEAR OF AGE.

<i>Cause of Death</i>	<i>Under 1 month</i>	<i>1 month to under 1 year</i>	<i>TOTAL</i>
Diarrhoea and Enteritis	1	43	44
Malnutrition	1	3	4
Congenital Debility	3	1	4
Congenital Syphilis	—	2	2
Malaria	—	11	11
Pneumonia & Broncho Pneumonia	—	14	14
Whooping Cough	—	3	3
Influenza	—	2	2
Tetanus	1	—	1
Dysentery	—	4	4
Asphyxia	1	—	1
Oedema of lungs	—	—	—
Helminthic Disease	—	—	—
Umbilical Haemorrhage	1	—	1
Haemorrhagic Diathesis	—	—	—
Convulsions	15	3	18
Congenital Defect	—	—	—
Bronchitis	1	30	31
Prematurity	24	3	27
Birth Injury	—	—	—
Diphtheria	—	—	—
Meningitis	—	2	2
Congenital Heart Disease	—	2	2
Rickets	—	1	1
Anaemia	1	—	1
Measles	—	2	2
Tuberculosis	—	1	1
Chicken Pox	—	1	1
Others or Ill-defined	55	52	107
TOTAL	104	108	284

APPENDIX 5.

COMPARATIVE TABLE OF BIRTHS AND DEATHS OF INFANTS UNDER 1 YEAR FOR THE PERIOD 1944-1950.

Year	No. of Births	Birth Rate	No. of Deaths under 1 year	Infant Mortality Rate
1944	2,031	32.0	279	137.4
1945	2,141	33.2	300	140.1
1946	2,065	34.3	217	105.0
1947	2,473	40.2	297	120.1
1948	2,506	39.68	264	105.6
1949	2,548	39.90	266	104.8
MEAN 1944-1949	2,294	36.38	271	118.8
1950	2,657	39.73 37.40	284	106.5

APPENDIX 6.

CAUSES OF DEATH IN THE PRE-SCHOOL CHILD.
(1-5 years).

Disease Group						Total in Group
<i>(a) Communicable Diseases:</i>						
Malaria	..	..	..	..	..	5
Dysentery	..	..	..	..	..	1
Whooping Cough	..	..	..	..	..	2
Pneumonia & Broncho-pneumonia	..	..	..	..	..	12
Congenital syphilis	..	..	..	..	..	—
Tetanus	..	..	..	..	..	1
Influenza	..	..	..	..	..	—
Meningitis	..	..	..	..	..	—
Diphtheria	..	..	..	..	..	1
Helminthiasis	..	..	..	..	..	—
						22
<i>(b) Diseases of the Nervous System:</i>						
Convulsions	..	..	..	..	..	1
						1
<i>(c) Diseases of the Respiratory System:</i>						
Bronchitis	..	..	..	..	..	3
Septic Tracheitis	..	..	..	..	..	—
Asthma	..	..	..	..	..	—
						3
<i>(d) Diseases of the Digestive System:</i>						
Tuberculosis	..	..	..	..	..	1
Diarrhoea & Enteritis	..	..	..	..	..	7
Tonsillitis	..	..	..	..	..	—
Gastritis	..	..	..	..	..	—
						8
<i>(e) Diseases of the Genito-Urinary System:</i>						
Nephritis	..	..	..	..	..	2
						2
<i>(f) Injuries, Accidents, etc.:</i>						
Fracture of Skull	..	..	..	..	..	1
Drowning	..	..	..	..	..	1
Poisoning	..	..	..	..	..	1
						3
<i>(g) Others</i>						
..	..	..	..	..	..	42
						42
						81

MORBIDITY REPORT ON IN-PATIENTS IN ALL THE HOSPITALS OF THE COLONY FOR 1950-
INFECTIOUS AND PARASITIC DISEASES.

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
1. Typhoid fever and Paratyphoid fevers	51	3	3	2	3	4	66
2. Bacillary dysentery	5	1	2	—	—	—	8
3. Amoebic dysentery including amoebiasis of any site	15	4	3	—	—	—	22
4. Dysentery unspecified	33	27	1	8	7	2	78
5. Scarlet fever	1	—	—	—	—	—	1
6. Whooping cough	3	—	—	—	—	4	7
7. Diphtheria	2	—	—	—	—	—	2
8. Measles	30	1	—	—	—	—	31
9. Influenza	12	—	—	—	—	11	23
10. Chickenpox	3	—	—	—	—	2	5
11. Mumps	—	—	—	—	—	—	—
12. Tuberculosis of the respiratory system	30	1	2	—	—	4	37
13. Other forms of tuberculosis	15	1	1	—	—	1	18
14. Gonococcus infection of the female genito-urinary system	3	4	8	—	—	—	15
15. Gonococcus of the male genito-urinary system	2	3	7	—	—	4	16
16. Gonococcus infection of the eye	1	—	—	—	—	1	2
17. Other forms of gonococcus infection	5	4	3	1	—	—	13
18. Malaria, unspecified	141	324	47	39	28	135	714
19. Malignant tertian malaria (P. falciparum)	52	—	16	—	—	—	68
20. Quartan malaria (P. malariae)	—	—	—	—	—	—	—
21. Benign tertian malaria (P. vivax)	24	—	—	—	—	—	24
22. Blackwater fever	—	2	—	—	—	—	2
23. Early syphilis	10	—	—	—	—	1	11
24. Cardiovascular syphilis	6	—	—	—	—	—	6
25. Syphilis of the nervous system	6	—	—	1	1	—	8
26. Other forms of syphilis	20	3	2	—	—	3	28
27. Congenital syphilis	9	—	—	—	—	—	9
28. Undulant fever (brucellosis)	—	—	—	—	—	—	—
29. Cerebrospinal (meningococcus) meningitis	6	—	—	—	—	—	6
30. Erysipelas	2	—	1	—	—	—	3
31. Tetanus	5	—	—	—	—	—	5
32. Septicemia	—	9	—	—	—	31	40
33. Gas bacillus infection	1	—	—	—	—	—	1
34. Rabies	—	—	—	—	—	—	—
35. Tularemia	—	—	—	—	—	—	—
36. Smallpox including alastrim	—	—	—	—	—	—	—
37. Acute poliomyelitis but not sequelae to the acute disease	—	—	—	—	—	—	—
38. Acute infectious encephalitis	—	—	—	—	—	—	—
39. Typhus exanthematicus and other Rickettsias	—	—	—	—	—	—	—
40. Intestinal Worms other than Ankylostomiasis	27	2	—	—	—	—	29
41. Ankylostomiasis	2	4	4	—	—	—	10
42. Dermatophytosis and other forms of mycosis	—	—	—	—	—	—	—
43. Chancroid	—	—	—	1	1	1	3
44. Lympho-granuloma inguinale	3	—	—	1	—	4	8
45. Other forms of venereal diseases	1	1	—	—	—	3	5
46. Leishmaniasis	1	—	4	—	—	—	5
47. Leprosy	1	—	—	—	—	—	1
48. Plague	—	—	—	—	—	—	—
49. Yellow fever	—	—	—	—	—	—	—
50. Cholera	—	—	—	—	—	—	—
51. Relapsing fever	—	—	—	—	—	—	—
52. Dengue	—	—	—	—	—	—	—
53. Other infectious or parasitic diseases	—	—	—	—	—	—	—
<i>II. NEOPLASMS</i>							
54. Malignant neoplasm of the buccal cavity and pharynx	—	2	—	—	—	—	2
55. Malignant neoplasm of stomach	2	1	—	—	—	—	3

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
56. Malignant neoplasm of other digestive organs	—	5	—	—	—	—	5
57. Malignant neoplasm of the respiratory system	—	—	—	—	—	—	—
58. Malignant neoplasm of the cervix uteri	10	—	1	—	—	—	11
59. Malignant neoplasm of other female genital organs (except breast)	5	—	—	—	—	—	5
60. Malignant neoplasm of the female breast	—	1	—	—	—	—	1
61. Malignant disease of bone ..	—	—	—	—	—	—	—
62. Leukemias and aleukemias, Hodgkin's disease and other forms of generalised or localised malignant neoplasm	—	—	—	—	—	—	—
63. Fibro-myoma of the uterus ..	38	—	—	—	—	2	40
64. Other non-malignant neoplasm of the female genital organs and breast	4	—	—	—	—	—	4
65. Other non-malignant neoplasms	—	—	—	—	—	1	1
III. RHEUMATIC FEVER, DISEASES OF THE ENDOCRINE GLANDS AND NUTRITION, AND OTHER GENERAL DISEASES							
66. Rheumatic fever with heart involvement	5	2	—	—	—	—	7
67. Rheumatic fever without heart involvement and including chorea	16	3	—	—	—	—	19
68. Diabetes mellitus	14	—	—	—	—	1	15
69. Diabetes mellitus with infection or gangrene, acidosis or other sequelae	5	1	—	—	—	1	7
70. Toxic goiter	—	—	—	—	—	—	—
71. Other forms of goiter	—	—	—	—	—	—	—
72. Other diseases of the endocrine glands	1	—	—	—	—	—	1
73. Malnutrition and related disorders but not of infants under 1 year of age	5	2	3	3	—	2	15
74. Pellagra	—	—	1	1	—	—	2
75. Rickets	1	—	—	—	—	—	1
76. Other avitaminoses	3	—	—	—	—	—	3
77. Other general diseases	1	—	—	2	2	3	8
IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS							
78. Anaemia, Pernicious including macrocytic, and anaemia gravis of pregnancy	12	—	2	4	8	1	27
79. Other forms of Anaemia ..	25	6	3	—	—	6	40
80. Other diseases of the blood and blood-forming organs	1	—	—	—	—	—	1
V. CHRONIC POISONING AND INTOXICATION							
81. Alchoholism (Chronic)	2	—	1	1	—	—	4
82. Other chronic poisoning including drugs of addiction e.g. marihuana	—	—	—	—	—	—	—
VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS INCLUDING MENTAL DISORDERS							
83. Inflammatory diseases of the central nervous system	1	—	2	1	2	—	6
84. Intracranial lesions of vascular origin	—	—	—	—	—	—	—
85. Residuals of intracranial lesions of vascular origin	—	—	1	—	—	—	1
86. Other disease of the central nervous system	11	—	—	1	—	—	12
87. Diseases of the sympathetic and the peripheral nervous system..	2	—	3	1	—	—	6
88. Psychoses	—	—	—	—	—	—	—
89. Psychoses due to poisons, injuries or somatic disease	—	—	—	—	—	—	—

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
90. Psychoneurosis	6	—	2	1	—	1	10
91. Psychopathic personality—Be- haviour and related problems	1	—	—	—	—	1	2
92. Mental deficiency	1	—	—	1	—	—	2
93. Epilepsy	10	—	3	1	—	2	16
94. Migraine	4	—	—	1	—	—	5
95. Other mental and nervous diseases	4	—	2	1	—	1	8
96. Diseases of the organs of vision except trachoma but including errors of refraction	44	5	4	6	—	—	59
97. Trachoma	—	—	—	—	—	—	—
98. Diseases of the ear and mastoid process	21	2	3	5	—	4	35

VII. DISEASES OF THE CIRCULATORY SYSTEM

99. Hypertensive cardio-vascular disease	8	—	—	—	—	1	9
100. Hypertensive cardiovascular-renal disease	6	—	—	—	—	—	6
101. Subacute bacterial endocarditis	3	—	1	—	—	—	4
102. Other diseases of the cardiac valves, and of the myocardium	53	2	3	2	—	7	67
103. Diseases of the coronary arteries and angina pectoris	1	—	—	—	—	—	1
104. Functional disease of the heart	1	—	—	—	—	1	2
105. Other diseases of the heart ..	13	1	—	—	—	5	19
106. Arteriosclerosis	1	2	—	—	—	1	4
107. Other diseases of the arteries ..	3	—	—	—	—	—	3
108. Other diseases of the veins includ- ing haemorrhoids and varicose veins	17	2	3	—	—	2	24
109. Lymphadenitis and lymphangitis of septic origin—as distinct from lymphadenitis of, say syphilis and other general diseases ..	9	—	1	—	—	—	10

VIII. DISEASES OF THE RESPIRATORY SYSTEM

110. Acute nasopharyngitis (common cold)	5	—	—	—	—	—	5
111. Tonsillitis	19	3	—	1	—	2	25
112. Hypertrophied tonsils with or without adenoids	1	1	—	—	—	—	2
113. Other diseases of the pharynx and of the larynx	2	4	1	—	—	3	10
114. Bronchitis	97	210	12	8	10	23	360
115. Pneumonia (all forms)	49	27	7	1	2	9	95
116. Pleurisy with effusion	4	2	—	—	—	5	11
117. Sinusitis and other diseases of the Nasal fossae	4	—	1	—	—	5	10
118. Allergic rhinitis (hay fever) ..	3	2	—	—	—	—	5
119. Asthma	68	25	6	11	5	10	125
120. Other diseases of the respiratory system	13	3	—	19	10	2	47

IX. DISEASES OF THE DIGESTIVE SYSTEM

121. Diseases of the buccal cavity and esophagus	11	8	4	2	—	1	26
122. Ulcer of the stomach and duode- num	7	3	2	1	—	—	13
123. Diarrhoea and enteritis over two years of age	50	28	2	5	4	14	103
124. Diarrhoea and enteritis under two years of age	46	55	5	6	3	4	119
125. Appendicitis	84	16	2	1	—	6	109
126. Hernia	73	2	—	1	—	4	80
127. Intestinal obstruction	5	—	—	1	1	—	7
128. Other diseases of the stomach and intestines	61	10	11	4	9	11	106
129. Cirrhosis of the liver	3	1	—	—	3	7	14

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
130. Catarrhal Jaundice	6	3	1	3	4	1	18
131. Other diseases of the gall bladder and biliary ducts ..	17	4	7	1	—	1	30
132. Other diseases of the digestive system	56	12	5	—	1	—	77
<i>X. DISEASES OF THE GENITO-URINARY SYSTEM</i>							
133. Nephritis	7	6	3	1	4	17	38
134. Pyelitis, pyelonephritis and pye- locystitis but not of pregnancy	80	—	5	2	3	6	96
135. Other diseases of the kidneys and ureters	10	2	1	—	—	3	16
136. Stricture of the urethra ..	15	—	4	—	1	1	21
137. Other diseases of the urinary system	33	6	5	—	—	5	49
138. Diseases of the prostate ..	7	—	3	—	—	—	10
139. Other diseases of the male genital organs including phimosis	42	8	3	—	—	—	53
140. Diseases of the female genital organs and breast (not neoplasms)	142	25	6	7	1	7	188
141. Menopause	1	3	—	—	—	3	7
142. Menstrual disorders	—	1	3	3	2	—	9
<i>XI. DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILD-BIRTH AND THE PUERPERIUM</i>							
143. Delivery with live births ..	496	111	20	41	17	—	685
144. Toxemias of pregnancy ..	10	—	1	2	3	11	27
145. Placenta praevia	—	—	1	—	—	—	1
146. Other hemorrhage of pregnancy and puerperium	2	—	1	4	1	1	9
147. Pyelitis and pyelonephritis of pregnancy, childbirth and the puerperium	9	1	1	2	—	2	15
148. Other infections of pregnancy, childbirth and the puerperium	17	1	1	2	1	—	22
149. Abortion	63	8	10	2	6	4	93
150. Ectopic pregnancy	12	1	—	—	—	1	14
151. Other complications of preg- nancy, childbirth and the puerperium	49	6	3	4	1	4	67
152. Delivery with still birth (foetus over 23 weeks)	19	2	4	1	1	3	30
<i>XII. DISEASES OF THE SKIN</i>							
153. Diseases of the skin but not fungus infections	124	37	18	19	3	24	225
<i>XIII. DISEASES OF THE BONES AND ORGANS OF MOVEMENT</i>							
154. Arthritis but not gonococcal ..	29	8	1	4	2	1	45
155. Other diseases of the bones and joints	21	—	6	—	—	1	28
156. Other diseases of the organs of movement	5	4	—	—	—	3	12
<i>XIV. CONGENITAL MALFORMATIONS</i>							
157. Congenital malformations ..	3	—	—	—	—	—	3
<i>XV. DISEASES PECULIAR TO THE FIRST YEAR OF LIFE</i>							
158. Prematurity	1	2	—	2	—	—	5
159. Feeding problems including malnutrition under one year of age	10	—	—	—	1	2	13
160. Other diseases peculiar to the first year of life and including birth trauma	2	—	—	—	—	—	2
<i>XVI. OTHER AND ILL-DEFINED DISEASES</i>							
161. Senility	13	1	2	—	—	7	23
162. Lumbago, mya'gia, rheumatism, fibrositis neuralgia except neuritis and trigeminal neuralgia ..	20	5	4	2	6	17	54
163. Other ill-defined diseases ..	4	—	1	—	—	2	7
164. Reaction from prophylactic in- oculation and other allergic manifestations	—	—	1	—	—	1	2

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
165. Other conditions due to previous disease or injury	1	—	2	—	—	1	4
<i>XVII. INJURIES AND POISONINGS</i>							
166. Acute poisoning	10	—	2	1	—	—	13
167. Injury by foreign body and general effects of external causes, including concussion without fracture	17	1	1	3	9	—	31
168. Snake bite	—	—	—	—	1	—	1
169. Other general effects of external causes	2	12	—	2	—	—	16
170. Concussion of brain or spinal cord	8	3	1	—	2	2	16
171. Compound fracture	5	2	—	1	—	—	8
172. Simple fracture	87	10	5	4	6	2	114
173. Dislocation, sprain, or other joint injury without fracture ..	12	3	2	1	—	4	22
174. Burn or scald	10	3	4	1	3	2	23
175. Cut, laceration or puncture wounds, abrasion, contusion ..	132	56	40	10	11	23	272
176. Other or unspecified injury ..	5	—	2	1	—	26	34
<i>XVIII. OTHER ENUMERATED CONDITIONS WITHOUT SICKNESS</i>							
177. Medical examinations, negative findings including post operation check up	105	—	—	—	—	—	105
178. Infectious disease carrier without sickness	—	—	—	—	—	—	—
179. Prophylactic inoculation without sickness	—	—	—	—	—	—	—
180. Uncomplicated pregnancy without delivery	—	—	1	1	1	1	4
181. Well-baby and child care ..	—	—	—	—	1	—	1
182. Infant born alive	496	108	20	41	18	—	683
183. Therapeutic manoeuvres ..	—	—	7	—	—	—	7
TOTAL	3,718	1,286	404	314	209	552	6,483

MORBIDITY REPORT ON OUT-PATIENTS IN ALL THE DISTRICTS FOR THE PERIOD
JANUARY—DECEMBER, 1950,

INFECTIOUS AND PARASITIC DISEASES

DISEASE	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
1. Typhoid fever and Paratyphoid fevers	—	—	—	—	—	—	—
2. Bacillary dysentery	—	—	3	—	—	—	3
3. Amebic dysentery including amoebiasis of any site	33	4	—	—	—	—	37
4. Dysentery unspecified	113	40	9	25	10	—	197
5. Scarlet fever	—	—	—	—	—	—	—
6. Whooping cough	28	—	—	—	—	7	35
7. Diphtheria	2	—	—	—	—	—	2
8. Measles	195	21	11	—	—	—	227
9. Influenza	623	—	2	—	—	—	58
10. Chickenpox	94	—	—	5	12	—	111
11. Mumps	7	1	—	8	2	—	18
12. Tuberculosis of the respiratory system	5	5	—	1	1	—	12
13. Other forms of tuberculosis	11	3	2	—	—	—	16
14. Gonococcus infection of the female genito-urinary system	93	13	6	2	3	5	122
15. Gonococcus of the male genito-urinary system	121	18	14	9	3	5	170
16. Gonococcus infection of the eye	14	—	—	—	—	1	15
17. Other forms of gonococcus infection	121	6	—	—	—	—	127
18. Malaria, unspecified	1534	848	116	201	318	168	3125
19. Malignant tertian malaria (P. falciparum)	149	3	4	—	—	—	156
20. Quartan malaria (P. malariae)	54	—	—	—	—	—	54
21. Benign tertian malaria (P. vivax)	81	—	—	—	—	—	81
22. Blackwater fever	—	1	—	—	—	—	1
23. Early syphilis	112	6	2	—	—	1	121
24. Cardiovascular syphilis	1	—	—	1	—	—	2
25. Syphilis of the nervous system	1	1	—	—	—	—	2
26. Other forms of syphilis	50	9	2	—	—	—	61
27. Congenital syphilis	1	—	1	1	—	2	5
28. Undulant fever (brucellosis)	1	—	—	—	—	—	1
29. Cerebrospinal (meningococcus) meningitis	—	—	—	—	—	—	—
30. Erysipelas	—	—	—	—	—	—	—
31. Tetanus	—	—	—	—	—	—	—
32. Septicemia	—	16	—	—	—	3	19
33. Gas bacillus infection	1	—	—	—	—	—	1
34. Rabies	—	—	—	—	—	—	—
35. Tularemia	—	—	—	—	—	—	—
36. Smallpox including alastrim	—	—	—	—	—	—	—
37. Acute poliomyelitis but not sequelae to the acute disease	—	—	—	—	—	—	—
38. Acute infectious encephalitis	—	—	—	—	—	—	—
39. Typhus exanthematicus and other Rickettsias	—	—	—	—	—	—	—
40. Intestinal Worms other than Ankylostomiasis	1182	19	7	6	54	8	1276
41. Ankylostomiasis	33	23	—	—	—	6	62
42. Dermatophytosis and other forms of mycosis	4	—	—	—	—	—	4
43. Chancroid	—	1	2	1	—	—	4
44. Lympho-granuloma inguinale	33	1	—	8	3	—	45
45. Other forms of venereal diseases	43	4	—	—	1	1	49
46. Leishmaniasis	3	—	4	—	—	—	7
47. Leprosy	—	—	—	—	—	—	—
48. Plague	—	—	—	—	—	—	—
49. Yellow fever	—	—	—	—	—	—	—
50. Cholera	—	—	—	—	—	—	—
51. Relapsing fever	—	—	—	—	—	—	—
52. Dengue	—	—	—	—	—	—	—
53. Other infectious or parasitic diseases	28	—	—	—	—	—	28

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
<i>NEOPLASMS.</i>							
54. Malignant neoplasm of the buccal cavity and pharynx ..	1	7	—	—	—	—	8
55. Malignant neoplasm of Stomach ..	2	1	—	1	—	—	4
56. Malignant neoplasm of other digestive organs	21	25	—	—	—	—	46
57. Malignant neoplasm of the respiratory system	1	—	—	—	—	—	1
58. Malignant neoplasm of the cervix uteri	—	—	—	1	—	—	1
59. Malignant neoplasm of other female genital organs (except breast)	8	3	1	—	—	—	12
60. Malignant neoplasm of the female breast	15	1	—	—	—	—	16
61. Malignant disease of bone ..	17	—	—	—	—	—	17
62. Leukemias and aleukemias, Hodgkin's disease and other forms of generalised or localised malignant neoplasm	—	—	—	—	—	—	—
63. Fibro-myoma of the uterus ..	13	—	2	1	—	2	18
64. Other non-malignant neoplasm of the female genital organs and breast	9	—	1	—	—	—	10
65. Other non-malignant neoplasms	3	—	—	—	—	1	4
<i>RHEUMATIC FEVER, DISEASES OF THE ENDOCRINE GLANDS AND NUTRITION AND OTHER GENERAL DISEASES.</i>							
66. Rheumatic fever with heart involvement	5	—	—	—	—	—	5
67. Rheumatic fever without heart involvement and including chorea	4	2	1	—	—	—	7
68. Diabetes mellitus	13	—	1	—	—	—	14
69. Diabetes mellitus with infection or gangrene, acidosis or other sequelae	1	—	—	—	—	—	1
70. Toxic goiter	4	—	—	1	—	—	5
71. Other forms of goiter	8	—	1	—	—	—	9
72. Other diseases of the endocrine glands	5	—	—	—	—	—	5
73. Malnutrition and related disorders but not of infants under 1 year of age	5	—	2	2	—	1	10
74. Pellagra	—	—	1	1	—	—	2
75. Rickets	1	—	—	—	—	—	1
76. Other avitaminoses	19	3	—	—	—	—	22
77. Other general diseases	34	1	—	9	7	41	92
<i>DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS.</i>							
78. Anaemia, Pernicious including macrocytic, and anaemia gravis of pregnancy	—	—	3	2	12	1	18
79. Other forms of Anaemia ..	512	24	8	1	—	12	557
80. Other diseases of the blood and blood-forming organs	5	—	—	—	—	5	10
<i>CHRONIC POISONING AND INTOXICATION.</i>							
81. Alcoholism (Chronic)	1	1	—	—	—	—	2
82. Other chronic poisoning including drugs of addiction e.g. marihuana	—	—	—	—	—	—	—
<i>DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS INCLUDING MENTAL DISORDERS.</i>							
83. Inflammatory diseases of the central nervous system ..	6	—	—	9	1	—	16
84. Intracranial lesions of vascular origin	1	—	—	—	—	—	1
85. Residuals of intracranial lesions of vascular origin	—	—	1	—	—	—	1

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
86. Other disease of the central nervous system	6	—	—	8	—	4	18
87. Diseases of the sympathetic and the peripheral nervous system	3	—	—	10	—	—	13
88. Psychoses	—	—	—	—	—	—	—
89. Psychoses due to poisons injuries or somatic disease ..	2	—	—	—	—	—	2
90. Psychoneurosis	—	—	—	16	10	—	26
91. Psychopathic personality—Behaviour and related problems	—	—	—	—	—	—	—
92. Mental deficiency	8	—	—	—	—	—	8
93. Epilepsy	15	—	—	6	1	—	22
94. Migraine	12	—	2	—	—	—	14
95. Other mental and nervous diseases	57	—	2	—	4	5	68
96. Diseases of the organs of vision except trachoma but including errors of refraction	194	35	11	34	16	—	290
97. Trachoma	1	1	—	—	—	—	2
98. Diseases of the ear and mastoid process	240	54	21	25	19	22	381

DISEASES OF THE CIRCULATORY SYSTEM.

99. Hypertensive cardio-vascular disease	3	1	—	9	1	—	14
100. Hypertensive cardiovascular-renal disease	1	—	—	—	—	—	1
101. Subacute bacterial endocarditis	—	—	—	—	—	—	—
102. Other diseases of the cardiac valves, and of the myocardium	1	11	1	8	—	—	21
103. Diseases of the coronary arteries and angina pectoris	1	—	—	—	—	—	1
104. Functional disease of the heart	19	1	1	2	1	—	24
105. Other diseases of the heart ..	43	1	2	1	—	18	65
106. Atherosclerosis	—	17	—	1	—	—	18
107. Other diseases of the arteries	1	1	—	—	—	—	2
108. Other diseases of the veins including haemorrhoids and varicose veins	26	1	1	1	—	1	30
109. Lymphadenitis and lymphangitis of septic origin—as distinct from lymphadenitis of, say syphilis and other general diseases ..	12	—	3	5	—	—	20

DISEASES OF THE RESPIRATORY SYSTEM.

110. Acute nasopharyngitis (common cold)	228	—	14	7	9	7	265
111. Tonsolitis	144	25	2	33	19	1	224
112. Hypertrophied tonsils with or without adenoids	16	—	1	1	—	—	18
113. Other diseases of the pharynx and of the larynx	17	14	12	8	—	4	55
114. Bronchitis	2062	479	117	85	84	74	2901
115. Pneumonia (all forms)	67	17	7	10	13	3	117
116. Pleurisy with effusion	2	4	1	2	—	—	9
117. Sinusitis and other diseases of the Nasal fossae	42	9	3	20	5	2	81
118. Allergic rhinitis (hay fever) ..	8	2	—	—	—	—	10
119. Asthma	128	28	12	31	26	9	234
120. Other diseases of respiratory system	31	5	3	47	17	26	129

DISEASES OF THE DIGESTIVE SYSTEM.

121. Diseases of the buccal cavity and esophagus	14	66	12	64	16	1	173
122. Ulcer of the stomach and duodenum	4	—	1	—	2	—	7
123. Diarrhoea and enteritis over two years of age	230	44	3	39	22	10	348
124. Diarrhoea and enteritis under two years of age	202	76	19	19	31	12	359
125. Appendicitis	20	12	2	1	—	1	36

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
126. Hernia	39	8	1	1	2	—	51
127. Intestinal obstruction	—	—	—	—	—	—	—
128. Other diseases of the stomach and intestines	228	24	22	63	79	15	431
129. Cirrhosis of the liver	—	4	—	1	2	2	9
130. Catarrhal jaundice	9	3	—	19	27	—	58
131. Other diseases of the gallbladder and biliary ducts	33	6	—	—	—	—	39
132. Other diseases of the digestive system	367	42	2	3	—	13	427
<i>DISEASES OF THE GENITO-URINARY SYSTEM.</i>							
133. Nephritis	38	5	8	2	3	2	58
134. Pyelitis, pyelonephritis and pye- locystitis but not of pregnancy	11	—	31	62	28	3	135
135. Other diseases of the kidneys and ureters	13	5	1	—	—	—	19
136. Stricture of the urethra	14	—	—	3	—	—	17
137. Other diseases of the urinary system	111	18	2	2	—	16	149
138. Diseases of the prostate	4	—	1	7	—	1	13
139. Other diseases of the male gen- ital organs including phimosis	71	61	4	3	2	4	145
140. Diseases of the female genital organs and breast (not neoplasms)	139	79	7	28	16	8	277
141. Menopause	22	6	1	9	2	5	45
142. Menstrual disorders	127	7	12	37	7	1	201
<i>DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.</i>							
143. Delivery with live birth	—	—	—	—	—	—	—
144. Toxemias of pregnancy	29	1	—	3	—	8	41
145. Placenta praevia	—	—	—	—	—	—	—
146. Other Haemorrhage of pregnan- cy and puerperium	5	—	—	2	—	—	7
147. Pyelitis and pyelonephritis of pregnancy, childbirth and the puerperium	—	1	3	1	—	9	14
148. Other infections of pregnancy, childbirth and the puerperium	21	—	—	2	2	3	28
149. Abortion	11	2	—	1	2	1	17
150. Ectopic Pregnancy	1	—	—	—	—	—	1
151. Other complications of preg- nancy, childbirth and the puer- perium	49	36	—	16	2	5	108
152. Delivery with still birth (foetus over 28 weeks)	—	1	—	—	—	—	1
<i>DISEASES OF THE SKIN.</i>							
153. Diseases of the skin but not fun- gous infections	832	179	96	111	62	12	1292
<i>DISEASES OF THE BONES AND ORGANS OF MOVEMENT.</i>							
154. Arthritis but not gonococcal	72	17	2	5	4	3	103
155. Other diseases of the bones and joints	143	1	2	—	—	1	147
156. Other diseases of the organs of movement	70	—	—	—	—	—	70
<i>CONGENITAL MALFORMATIONS.</i>							
157. Congenital malformations	1	—	—	3	—	3	7
<i>DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.</i>							
158. Prematurity	—	—	—	1	—	—	1
159. Feeding problems including mal- nutrition under one year of age	4	—	3	1	—	1	9
160. Other diseases peculiar to the first year of life and including birth trauma	9	—	1	1	—	1	11
<i>OTHER AND ILL-DEFINED DISEASES.</i>							
161. Senility	107	—	2	1	—	18	128

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
162. Lumbago, myalgia, rheumatism, fibrositis, neuralgia except neuritis and trigeminal neuralgia ..	348	21	23	90	60	44	586
163. Other ill-defined diseases ..	523	—	—	—	—	—	523
164. Reaction from prophylactic inoculation and other allergic manifestations	25	—	—	—	—	—	25
165. Other conditions due to previous disease or injury	180	2	1	—	—	—	183
<i>INJURIES AND POISONINGS.</i>							
166. Acute poisoning	5	—	—	—	—	—	5
167. Injury by foreign body and general effects of external causes, including concussion without fracture	11	9	5	19	30	—	74
168. Snake Bite	—	1	—	—	—	—	1
169. Other general effects of external causes	8	42	—	—	—	3	53
170. Concussion of brain or spinal cord	—	3	—	—	—	—	3
171. Compound fracture	12	—	—	—	—	—	12
172. Simple fracture	16	15	10	2	—	2	45
173. Dislocation, sprain, or other joint injury without fracture ..	56	27	8	—	2	—	93
174. Burn or scald	44	6	8	1	—	—	59
175. Cut, laceration or puncture wounds, abrasion, contusion ..	585	356	178	25	40	12	1196
176. Other or unspecified injury ..	469	12	161	1	—	28	671
<i>OTHER ENUMERATED CONDITIONS WITHOUT SICKNESS.</i>							
177. Medical examinations, negative findings including post operation check up	132	—	4	50	239	33	458
178. Infectious disease carrier without sickness	20	—	—	—	—	—	20
179. Prophylactic inoculation without sickness	—	—	5	—	—	—	5
180. Uncomplicated pregnancy without delivery	7	17	17	22	33	29	125
181. Well-baby and child care ..	—	—	—	—	—	—	—
182. Infant born alive	—	—	—	—	—	—	—
183. Therapeutic manoeuvres ..	—	—	—	—	—	—	—
TOTAL	14,376	3,032	1,081	1,387	1,367	728	21,971