

## **Report of the Chief Medical Officer / Barbados.**

### **Contributors**

Barbados. Department of Medical Services.

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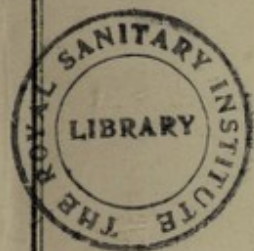
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# ANNUAL REPORT

OF THE

## Chief Medical Officer

FOR THE YEAR

### 1949—50

PRICE:

— —

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Advocate Co., Ltd.,—Printers to the Government of Barbados

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No. 1828 A. 5002/50

Department of Medical Services,  
Government Buildings,  
The Wharf, Bridgetown, 1,  
2nd June, 1950.

Sir,

I have the honour to submit for the information of His Excellency the Governor and the Legislature the Medical Report on the Health and Sanitary conditions of Barbados for the year 1949—50.

I have the honour to be,

Sir,

Your obedient servant,

JOSEPH P. O'MAHONY,  
Director of Medical Services.

The Honourable  
The Colonial Secretary,  
Barbados.

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No. 1011 A 1002/50

Department of Medical Services  
Government Buildings,  
The Windward Highway,  
St. John, Barbados, 1950

I have the honour to submit for the information of the Hon. Secretary the Department and the Hon. Secretary the Medical Record on the Health and Sanitary conditions of Barbados for the year 1949-50.

I have the honour to be

Sir,

Yours obedient servant

JOSEPH E. O'NEILL  
Director of Medical Services

The Hon. Secretary  
The Colonial Secretary  
Barbados

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# ANNUAL REPORT

## OF THE

### DIRECTOR OF MEDICAL SERVICES

FOR THE YEAR 1949-1950

#### PART I. LEGAL

1. Two important additions were made during the year to the laws which govern the activities in this Report:

A. Under the provisions of Section 3 of the Civil Establishment Act, 1949, the Civil Establishment (General) (Amendment) No. 3 Order 1950 was made which substitutes the words "Director of Medical Services" for "Chief Medical Officer," the words "Senior Medical Officer of Health" for "Sanitation Officer" and the words "Health Officer" for "Port Health Officer."

B. An Act passed the Legislature cited as the Therapeutic Substances Act, 1949, to regulate the manufacture, importation, storage, sale and supply of penicillin, and other antibiotics and of sulphonamide drugs and other therapeutic substances.

2. The Ordinance relating to Public Health mentioned in the last Report was not again placed before the Legislature for consideration as it is now envisaged that public health progress will be effected by an improved local Government structure closely linked to the central health organisation and its Health Centre Establishment.

#### PART II. GENERAL REMARKS

3. In general, the health of the Colony continued to be satisfactory and the absence of the quarantinable diseases and epidemics is cause for genuine satisfaction.

4. General diseases, of which more detailed information is available in the various sections, were alike to those of previous years. However, the diseases of Early Infancy and those of Infective and Parasitic origin continue to play a major part in causing death. The institution of preventive measures to reduce this wastage of human life will undeniably aid in effecting the improvement so urgently needed.

5. It is gratifying to record that the first major step has been taken towards the institution of preventive medicine in the Colony. Property was purchased at Speightstown for use as the main Health Centre to serve the six northern parishes. Extensive conversion will be needed and it is hoped that this will be effected, staff recruited and services begun in the coming year.



### PART III. VITAL STATISTICS

6. The following are the principal vital statistical data for the year ended 31st December, 1949:—

|  |         |         |
|--|---------|---------|
| Estimated population                     | .. .. . | 206,838 |
| Births registered                        | .. .. . | 6,357   |
| Birth rate per 1,000 of the population   | .. .. . | 30.73   |
| Deaths registered                        | .. .. . | 2,979   |
| Death rate per 1,000 of the population   | .. .. . | 14.37   |
| Infant Mortality rate                    | .. .. . | 132.61  |
| Maternal mortality per 1,000 live births | .. .. . | 3.05    |
| Still birth rate per 100 live births     | .. .. . | 3.00    |

7. The following comparative statement of the three main rates is of interest:—

| Rate                        | Barbados  | Trinidad | Jamaica | Br. Guiana |
|-----------------------------|-----------|----------|---------|------------|
| Births per 1,000 population | .. 30.73  | 37.55    | 31.93   | 41.40      |
| Deaths per 1,000 population | .. 14.37  | 12.26    | 12.19   | 13.30      |
| Infant Mortality            |           |          |         |            |
| per 1,000 live births       | .. 132.61 | 78.98    | 80.25   | 77.00      |

8. Tables showing a summary of the Causes of Death in each parish and in age groups for the whole Island are given in Appendices IV and V.

#### Comments.

9. The population on the 31st December, 1949, was computed as follows:—

|  |         |         |
|--|---------|---------|
| Estimated population 31st December, 1948 | .. .. . | 202,437 |
| Excess of births over deaths             | .. .. . | 3,378   |
| Excess of immigration over emigration    | .. .. . | 1,023   |

|                                    |               |         |
|------------------------------------|---------------|---------|
| Population at 31st December, 1949, | .. .. .       | 206,838 |
|                                    | Males         | Females |
| Immigration                        | .. .. . 9,784 | 7,086   |
| Emigration                         | .. .. . 8,671 | 7,176   |
| Arrivals by air                    | .. .. . —     | —       |
| Departures by air                  | .. .. . —     | —       |

### PART IV. ADMINISTRATIVE

#### The Present Organisation

##### A. PUBLIC HEALTH

10. The Central Authority consists of a General Board of Health and the Director of Medical Services who is a member of the Board. Local authorities are composed of eleven boards known as Commissioners of Health appointed on a parochial basis from the Vestry. The Central Authority has a Senior Medical Officer of Health and a small force (six) of Sanitary Inspectors at their disposal for supervising work in the parishes. Each local authority appoints sanitary inspectors varying in number with the size of the parish, with the parishes of St. Michael and Christ Church employing six and one Health Nurse respectively in addition to the Sanitary Staff.



## B. MEDICAL AID

11. Parochial Medical Officers are employed by the Vestry in each parish for the purpose of attending the poor and carrying on the medical work at the Almshouses. An Inspector of Poor for each parish investigates the circumstances of sick persons and issues tickets for free medical aid when necessary. The Director of Medical Services has certain statutory duties to perform in connection with poor relief in the parishes.

## PART V. STAFF AND INSTITUTIONS

## Staff:

12. The following medical officers were employed by the Government:—

- Whole-time: The Director of Medical Services  
 The Senior Medical Officer of Health  
 The Bacteriologist and Pathologist  
 The Health Officer (Port)
- Part-time: The Assistant Health Officer (Port)  
 The Visiting Physician, Leper Hospital  
 The Prison Medical Officer  
 The Visiting Physician, Government Industrial Schools  
 The Visiting Obstetrician, Maternity Hospital  
 Six Police Medical Officers.

## Institutions:

13. *The Barbados General Hospital*: Operating as a Department of Government under the provisions of the Barbados General Hospital Act, 1947 (1947-28), the staff is comprised as follows:—

- Whole-time: One Medical Superintendent  
 One Surgeon Specialist  
 One Radiologist  
 Three House Surgeons  
 One House Surgeon and Anaesthetist
- Part-time: Three Visiting Surgeons  
 Three Assistant Visiting Surgeons  
 One Ophthalmic, Ear, Nose and Throat Surgeon  
 One Assistant Ophthalmic, Ear, Nose and Throat Surgeon  
 One Medical Officer, Venereal Disease Clinic  
 One Assistant Medical Officer, Venereal Disease Clinic  
 Three Out-patient Medical Officers  
 One Dental Surgeon
- Nursing: One Matron  
 One Assistant Matron  
 One Sister Tutor  
 Three Nursing Sisters.

14. The Surgeon Specialist, who also administered the Hospital, went on overseas leave in April. Dr. J. E. Donohoe performed the duties of Medical Superintendent and continued to do so at the close of the year, allowing the Surgeon Specialist on his return to concentrate solely on surgical service.



15. Miss M. A. Fishlock, Matron, resigned her post in April and Miss G. M. S. Graham, Sister Tutor, was appointed in her place. Mrs. C. W. Stoute, part-time Nursing Sister was appointed to act as Sister Tutor. During the year one post of Nursing Sister remained vacant.

16. Dr. E. W. Smith, newly appointed Radiologist, assumed duty in August.

17. The post of House Surgeon and Anaesthetist remained vacant throughout the year. The remaining three House Surgeons performed anaesthetic duties assisted by outside help. There is urgent need for a Specialist Anaesthetist who would relieve House Surgeons for general duty in the Hospital.

18. During the year special permission was granted for the employment of twelve trained nurses to assist the nursing staff.

19. Improvements such as the provision of an ambulance and station waggon for the transport of patients and equipment and the provision of additional staff and equipment to improve the preparation and service of food to patients and nurses are being effected.

20. Public criticism of the Hospital resulted in the appointment by His Excellency the Governor of a Commission to enquire into and report on its organisation and administration and, where necessary, to make recommendations for improvement. The Commissioner, Major T. J. Hallinan, C.B.E., M.B., B.S., M.R.C.P., L.R.C.P., D.P.H., of Jamaica commenced his enquiry on 14th January and his Report was made public on 14th February. In general, the recommendations provide for an increase of full-time intern medical staff on improved salaries and conditions of service, to include the post of Specialist Physician and general duty medical officers, an increase of nursing staff both senior and junior, and an increase of existing bed accommodation with proposals for reconstruction which vary from those already submitted. The Report is presently under consideration by Government.

21. Statistical tables relating to the work of the Hospital for the period under review will be found in Appendices XIV—XVII.

22. *The Mental Hospital.*

Staff: One Medical Superintendent

Two Assistant Medical Superintendents.

One Matron.

23. The total number of patients in residence on the 31st December, 1949 was 733, 303 males and 430 females, as against 756 on 31st December, 1948, 325 males and 431 females.

24. The average number in residence during the year was 749 as against 747 in 1948. The highest number at any time being 770 on the night of 1st May, and the lowest being 733 on the night of 31st December.

25. 228 patients, 85 males and 143 females, were admitted for treatment during the year as against 218, 100 males and 118 females, in 1948.

26. 168 patients, 71 males and 97 females, were discharged during the year, as against 82, 40 males and 42 females, in 1948.

27. Most of the deaths were senile cases, the chief causes of death being:—G.P.I., Arteriosclerosis, cardio-vascular degeneration, myocardial degeneration.

28. For the accommodation of patients there are 35 dormitories, 6 day rooms and 391 single rooms. Four dormitories and 80 single rooms for the accommoda-



tion of 80 males and 80 females were constructed during the year. Two occupational therapy sheds, one each for the use of male and female patients undergoing instruction in handicrafts were also provided.

29. Dr. G. Campbell Young, Acting Medical Superintendent, was appointed Specialist Psychiatrist, Uganda, and left on the 10th of May, 1949 to take up his post.

30. Lt. Col. R. M. Lloyd Still, M.R.C.S., L.R.C.P., I.M.S. (Ret.) was appointed Medical Superintendent, and assumed duty on the 27th of May, 1949.

31. The Matron, Miss S. N. McMunn, went on leave on 26th April, 1949 and resumed duty on 6th October, 1949.

32. Old cages in the male and female sections which were formerly used for refractory patients have been removed and only few patients are now secluded as treatment by E.C.T. makes this procedure to a large extent unnecessary.

33. Modern physical methods of treatment especially E.C.T. prolonged Narcosis and Narco-Analysis have been used extensively and efforts are made to induce suitable patients who have been discharged to come up for maintenance treatment and thereby avoid relapses and readmissions.

34. Intensive treatment with penicillin and Tryparsamide has been instituted for cases of Dementia Paralytica and Cerebral syphilis with satisfactory results in many cases, but unfortunately a large number are admitted in advanced stages of the disease.

35. The expenditure in connection with this Institution for the year 1948-49 was \$227,628.58. The cost per head per day being 88c.

36. A table showing statistics at the Mental Hospital for the past twenty years is annexed as Appendix XVIII.

### *The Leper Hospital*

37. Dr. J. A. A. Kernahan assumed the duties of Visiting Physician on 18th September, 1949 on the retirement of Dr. L. S. Tappin.

38. Sulphetrone treatment continues to be used with remarkable beneficial effects not only on the disease but on the mental outlook of the patients.

39. The Visiting Committee continues to give valuable assistance on the welfare side.

40. The following information is of interest:—

|  |    |    |             |
|--|----|----|-------------|
| No. of inmates in residence on 1st January, 1949 | .. | .. | 36          |
| New admissions                                   | .. | .. | 3           |
| Re-admissions (on compassionate grounds)         | .. | .. | 2           |
| Discharges                                       | .. | .. | 3           |
| Deaths   | .. | .. | —           |
| In residence on 31st December, 1949              | .. | .. | 38          |
| Expenditure for the financial year 1949—50       | .. | .. | \$49,174.13 |
| After-care of discharged lepers                  | .. | .. | \$ 5,042.94 |

### *The Maternity Hospital*

41. The Maternity Hospital, operating under the immediate supervision of a Matron and Visiting Obstetrician, continues to perform its primary function of the training of ten registered nurses and ten pupil midwives. During the year nineteen presented themselves for examination and all were successful.



42. The following statistics record the work of the Hospital:

|  |     |
|--|-----|
| Deliveries .. .. .                           | 361 |
| Maternal deaths (eclampsia) .. .. .          | 2   |
| Still births .. .. .                         | 17  |
| Prematurity .. .. .                          | 15  |
| Foetal abnormality .. .. .                   | 1   |
| Disproportion .. .. .                        | 1   |
| Neo-natal deaths .. .. .                     | 1   |
| Haemorrhagic disease of the new-born .. .. . | 1   |

43. The ante-natal clinic continues to provide a twice-weekly service for mothers to be delivered in the Hospital and in their homes. The ante-natal and post-natal clinics are well attended and there are indications of a wider acceptance of these services.

|   |       |
|---|-------|
| Ante-natal attendances .. .. .                | 3,203 |
| New cases .. .. .                             | 485   |
| Post-natal attendances .. .. .                | 365   |
| Positive Kahn tests on new cases .. .. .      | 52    |
| % of positive Khan tests in new cases .. .. . | 10.7  |

44. *The Prison Hospital.* Accommodation is provided for male and female prisoners. The incidence of illness continues low. The provision of kitchen gardens and the care of small livestock is a most commendable advance.

45. *The Government Industrial Schools.* Medical and dental service is provided for the boys and girls. There was no epidemic disease and satisfactory health conditions prevailed.

46. *Parochial Almshouses.* The maintenance of buildings continues to be good in general. Very good standards of medical care obtain within the parishes and the respective Almshouses and the Boards of Guardians carry out their responsibilities with care and interest.

47. *Voluntary Agencies.* The five Voluntary Agencies operating in the interest of the infant and child, i.e. the Baby Welfare League, the St. Lawrence Child Health Centre, the St. Philip Baby Welfare Centre, the Christ Church Baby Welfare League and the Children's Goodwill League, continue to give the benefit of clinic services, special food supplements and meals to necessitous children. Certain of the clinics have been reorganised and all now provide medical supervision. There is a greater appreciation of the value of the education of the mother in the care of the infant and greater stress is being put on this important aspect of clinic services.

48. *The Nightengale Memorial Home for Children.* This home provides for the care of destitute children between the ages of 5 and 18 years from the parish of St. Michael. Twenty boys and eleven girls were accommodated during the year. It is capably administered by the Board of Guardians of the parish and excellently supervised by the Matron who is trained in general nursing and social welfare. The provision of this home has enabled an exchange from the unsatisfactory atmosphere of almshouses to excellent living conditions for child life. An extension of these facilities to other parishes would be a most welcome improvement. The health of the children was satisfactory and medical attention is provided by the two parish medical officers.

### Nursing Services

49. The General Nursing Council functioned regularly during the year.

50. The Barbados Nurses' Association—a private organisation—operates



a nurses employment bureau and continues to administer a Government grant amounting to \$2,338 under the supervision of the Director of Medical Services. Two District Nurses are employed who visit some schools and provide treatment for minor ailments there and in the homes. Some advice is given in ante-natal and infant care and cases referred by medical practitioners are provided with the necessary care.

## PART VI.—GENERAL AND COMMUNICABLE DISEASES.

51. Figures in this part of the Report and the statistical tables in the Appendices refer to the calendar year 1949.

### General Diseases.

52. *Cancer and other tumours* were responsible for 165 deaths, representing 5.54% of total deaths.

53. *Diseases of the Circulatory System* were responsible for 438 deaths, representing 14.70% of total deaths.

54. *Intracranial lesions of vascular origin* accounted for 246 deaths, representing 8.26% of total deaths. These causes represented 86% of the deaths due to diseases of the Nervous System and Sense Organs.

55. *Diseases of the Respiratory System* assumed larger proportions than in recent years. 315 deaths were registered, representing 10.57% of total deaths. 212 of these deaths were due to pneumonia or broncho-pneumonia and of these 114 occurred within the first year. Deaths from pulmonary tuberculosis and whooping cough are not included in this category.

56. *Diseases of the Digestive System* accounted for 253 deaths, representing 8.41% of total deaths.

57. *Diseases of the Genito-Urinary System* were the cause of 148 deaths, representing 4.98% of total deaths. Of this number 89% were caused by nephritis.

58. More detailed information is given in the Appendices to the Report and special attention is drawn to the eight major causes of death as classified under the Intermediate International List of Causes of Death. These statistics are shown for the period 1941/9.

### Communicable Diseases.

59. *Enteric Fever*:—69 cases were reported as against 98 in 1948, a notable decrease. Of these twenty-five or 17% died. As reported cases are never a true index of the extent of the disease in the community, the incidence of this disease continues to remain too high and raising the standards of sanitation and increasing protection by the appropriate vaccine is most desirable. Model latrines to abate the nuisance of improper disposal of excreta continue to be made available to the public.

60. *Tuberculosis*:—93 cases were notified as against 101 in 1948. Statistics are available in Appendix XIII to the Report which cover a period of years. It can be reasonably assumed that while tuberculosis is not a major problem in the rural areas, the incidence and rate in the urban area of Bridgetown and St. Michael's parish continue to remain too high and its attack by accepted public health measures is needed.



61. *Dysentery*:— Twenty-one cases were reported as against five in 1948. These figures cannot be regarded as a true index of its prevalence. Differentiation is not made between the bacillary and amoebic types.

62. *Diphtheria*:— Fourteen cases with four deaths were notified as against twelve in 1948. Free antitoxin and free prophylactic toxoid continue to be made available to medical practitioners.

63. *Venereal Diseases*:— Though not notifiable, the five types occurred during the year. Of the 180 deaths caused by syphilis, or 6.04% of total deaths 85 occurred within the first year of life and twenty-four occurred from the first to the fourth year. Accurate figures of the extent of venereal disease in the community are not available but reference to the statistical table relating to the causes of death in the first year of life shows congenital syphilis causing 10.01% of infant deaths and reference to the positive index of Kahn tests in the part of the Report relating to the Maternity Hospital gives some indication of the extent of syphilis in a selected but small group of expectant mothers. Venereal disease control should be expected to pay good dividends.

64. *Leprosy*:— Three new cases were reported. There were no deaths. The use of sulphetrone continues to give encouraging results. Special reference to this disease is made in that part of the Report relating to the Leper Hospital.

65. *Tetanus*:— 46 deaths occurred as a result of the disease. Of this number 30 were infants under one year of age, undoubtedly due to infection of the "cord" at birth. The supply of well trained midwives resulting from the establishment of the Maternity Training Hospital should abolish this cause of death in infancy.

66. *Cerebro-spinal meningitis*:— Six cases with seven deaths were reported as against four in 1948. It is hoped that this favourable incidence will be maintained.

67. *Malaria*:— The Colony continues to remain free and anopheline mosquitoes were not found during the year. Disinsectisation of schooners and aircraft continues routinely.

68. *Poliomyelitis*:— Four cases occurred with one death.

69. *Whooping Cough*:— One death occurred.

## PART VII.—QUARANTINABLE DISEASES.

70. No cases of any of the five quarantinable or "Convention" diseases were notified during the year.

71. It is expected that modern quarantine legislation will be available in the immediate future which will aid in ensuring that measure of protection to the community provided by those internationally recognised methods embodied in such legislation.

72. As an aid to the "barrier" techniques empowered in such legislation which are designed to exclude the importation of these diseases or limit their spread once imported, certain control measures operate internally.

73. Rat and mosquito control measures continue at the Port of Bridgetown and the Airport at Seawell supervised by the Chief Sanitary Inspector to the Board of Health and Airport Visiting Officer respectively. General mosquito control operates in the parishes.



74. *Small-pox vaccination*:— 4,604 persons, including 852 infants, were protected by vaccination during the year. This is some improvement on the depressingly low figure of the previous year but the response is still very unsatisfactory as only 11.5% of infants born were protected. The major proportion of protection obtained in the parishes of St. Michael and Christ Church, the remaining parishes not accepting their responsibility in this important aspect of public health. In an endeavour to dispel the ignorance, indifference and opposition to infant vaccination the following educational note is attached to each form of vaccination presented to each mother on notification of registration of birth:—

#### VACCINATION AGAINST SMALLPOX

I would like to draw your attention to the importance of having your baby protected against small pox. In a small island like Barbados where ships are constantly arriving from abroad, there is always a danger of the disease and we have had experience of this kind. This danger is now increased by air travel since passengers from countries where smallpox is common may arrive in this Island before showing any signs of the disease.

It is therefore important that every child should be protected. This can be done by having your child vaccinated at an early age; the best time is when he is 3—6 months old. At this time there is little chance of your child being upset.

Your child can have this protection against smallpox if you will take him to your own doctor or to any public vaccinator. The addresses of the public vaccinators in your parish may be obtained from the Chief Sanitary Inspector of the parish, the Matron of the Almshouse or from the Police Station in your district.

You are most earnestly asked to have your child vaccinated.

*This Service is Free.*

#### PART VIII. GENERAL SANITATION.

75. The administration of hygiene and sanitation continued to be administered by eleven separate and independent parochial boards of Commissioners of Health who employ sanitary inspectors. Composed of laymen and operating without expert advice, real and uniform progress presents great difficulties.

76. Raising of the standards of parish inspectorial services is advisable and more uniformity in the standard of selection for the posts of sanitary inspectors is needed throughout the Colony.

77. The General Board of Health continued to function during the year. Its Inspectors continued to visit the parishes and a summary of their services is supplied under Appendix XIX.

78. Fifty-one model latrines were supplied free by the Medical Department to various parishes as an aid in improving rural sanitation.

79. The torrential rains on the night of 31st August resulted in extensive flooding of the Constitution River in the low-lying areas within the City of Bridgetown. Eight deaths were caused by drowning. Fifty houses were either washed away or damaged beyond repair and extensive damage was done to nearby property.

80. Inoculation against typhoid fever was immediately offered to residents of the flooded areas and the response was gratifying. 2,696 people enjoyed the



benefits of this protection. It is satisfying to record that not one case of typhoid fever could be traced to the floods.

81. Government and the Poor Law Guardians of the parish of St. Michael took active, immediate and sustained interest in the relieving of distress and suffering.

82. The Sanitary Inspectorate of St. Michael and the Sanitary Inspectors of the Board of Health worked long and arduously in relieving the dangerous insanitary conditions caused by the floods and the co-operation of all concerned is cordially appreciated.

83. *Water Supplies*:—Close liaison was maintained with the Waterworks Department. All public water supplies are now chlorinated.

84. *Housing*:—The Housing Board operates under the provisions of the Bridgetown Housing Act, 1936—8. Legislation to establish a Central Authority for the entire Colony with powers in relation to slum clearance and town planning was introduced into the Legislature which has not yet given it final consideration.

85. An extra forty megerete houses were built on the Pine Estate. These are of two, three and four-room type and will be available shortly to intending residents.

86. 169 houses from the areas contiguous to the Constitution River were removed, repaired and re-erected at the Bay Estate, owned by Government. Sanitary conveniences were supplied to individual houses and a public water supply installed. This development is still proceeding.

## PART IX. FOOD SUPPLIES AND NUTRITION.

87. Good conditions prevailed during the year for the growing of locally produced provision. Price control and subsidisation of flour, rice, salt fish, etc. continued and an adequate supply maintained. These factors helped to maintain the nutritional level of the general population.

88. *School Meals*:—All elementary school children continue to be supplied with a school meal composed either of cows' milk or powdered skimmed milk and food yeast biscuits.

89. *Institutions*:—All institutions availed themselves of food yeast as a normal inclusion in the daily diet and for curative purposes.

90. *Alms-houses*:—A number of these supply food yeast to the inmates and interest has been stimulated towards its wider use in the parishes generally.

91. Drug and commercial houses have been stimulated to stock food yeast and the response has been good. The wider use of this valuable nutritional product will reap good benefit to the general community.

## PART X. SCHOOL HEALTH

92. At present there is no organised school medical service. Free dental service continued to be given by two part-time dentists and 7,003 children were provided with dental care.

93. 285 children suffering from visual defects received treatment by the Senior Visiting Ophthalmic Surgeon of the General Hospital and 55 were provided free with spectacles.



## PART XI. PUBLIC HEALTH EDUCATION

94. Instruction in hygiene and sanitation is given to elementary school children by their teachers.

95. A local course of training for Sanitary Inspectors was conducted during the year under the supervision of the Senior Medical Officer of Health.

96. Two Sanitary Inspectors, one Government and the other a parochial officer, and two nurses attended the advanced course at the Public Health Training Centre in Jamaica. Financial provision for this course continues to be made available by the Legislature.

## PART XII. MEDICAL REGISTRATION ACT; DRUGGISTS ACT AND DANGEROUS DRUGS ACT DUTIES

97. The Medical Assessors under the Chairmanship of the Director of Medical Services continued, at needed intervals, to perform their function under the Medical Registration Act, 1911-6 and the Druggists Act, 1894-3.

98. Under the Dangerous Drugs Act, 1936-3, the Director of Medical Services supervised the importation and internal control of Dangerous Drugs. There is need for the appointment of a Narcotics Inspector to aid him in his duties.

## PART XIII. FINANCE

99. The following financial statement is for the year 1949-50:—

### *Expenditure.*

|                                      |                      |
|--------------------------------------|----------------------|
| Department of Medical Services .. .. | \$ 19,778.67         |
| General Hospital .. ..               | 507,680.66           |
| Lunatic Asylum .. ..                 | 227,628.58           |
| Lazaretto .. ..                      | 49,174.13            |
| Board of Health .. ..                | 33,454.25            |
| Poor Law Board .. ..                 | 3,156.00             |
| Port Health Officer .. ..            | 5,610.26             |
| General Nursing Council .. ..        | 133.40               |
| Maternity Hospital .. ..             | 24,197.50            |
| Other Medical Services .. ..         | 19,541.90            |
| Grants:                              |                      |
| Barbados Nurses' Association .. ..   | 2,338.00             |
| Miscellaneous:                       |                      |
| Emigration expenses .. ..            | 389.56               |
| <b>Total .. ..</b>                   | <b>\$ 893,082.91</b> |

### *Revenue*

|                        |              |
|------------------------|--------------|
| General Hospital .. .. | \$ 53,436.48 |
| .. ..                  |              |

JOSEPH P. O'MAHONY,  
Director of Medical Services.

## APPENDIX 1

## PAROCHIAL EXPENDITURE ON SANITATION FOR 1949-50

| <i>Parish</i> |    |    |    |    | 1949—50             |
|---------------|----|----|----|----|---------------------|
| St. Michael   | .. | .. | .. | .. | \$ 188,279.59       |
| Christ Church | .. | .. | .. | .. | 24,198.78           |
| St. George    | .. | .. | .. | .. | 6,361.52            |
| St. Philip    | .. | .. | .. | .. | 6,687.91            |
| St. John      | .. | .. | .. | .. | 4,106.40            |
| St. James     | .. | .. | .. | .. | 5,018.66            |
| St. Thomas    | .. | .. | .. | .. | 4,660.90            |
| St. Peter     | .. | .. | .. | .. | 8,079.77            |
| St. Lucy      | .. | .. | .. | .. | 8,249.72            |
| St. Joseph    | .. | .. | .. | .. | 7,013.75            |
| St. Andrew    | .. | .. | .. | .. | 7,474.58            |
| Total         |    |    |    |    | <u>\$270,131.58</u> |



BARBADOS.

APPENDIX II

COST OF PAROCHIAL POOR LAW ADMINISTRATION, 1949-50.

| Parish           | No. of persons who received any kind of Poor Relief | No. of persons who received Medical Relief | No. of persons who received Cash Relief | No. of persons who received Relief in Kind | No. of persons housed in Almshouse for non-medical reasons (Destitute) | No. of persons who received Medical Relief in Almshouse | No. of persons buried at Parish Expense | Total Cost of Relief |
|------------------|---|--|---|--|--|---|---|----------------------|
| St. Michael ..   | 8,673   | 3,061                                      | 3,066                                   | 3,680                                      | 430  | 1,097   | 244                                     | \$339,253.96         |
| Christ Church .. | 2,841   | 2,259                                      | 414                                     | 2  | 100  | 82  | 16                                      | 52,687.83            |
| St. George ..    | 860   | 616  | 364                                     | 7  | 72   | 264   | 9                                       | 24,667.70            |
| St. Philip ..    | 1,347   | 1,038                                      | 489                                     | 5  | 40   | 255   | 6                                       | 41,912.83            |
| St. John ..      | 1,690   | 1,599                                      | 243                                     | 90   | 37   | 231   | 22                                      | 23,061.95            |
| St. James ..     | 592   | 326  | 294                                     | 2  | 33   | 190   | 13                                      | 18,527.37            |
| St. Thomas ..    | 419   | 319  | 122                                     | 111  | 22   | 36  | 6                                       | 20,016.16            |
| St. Peter ..     | 850   | 701  | 186                                     | 2  | 39   | 185   | 10                                      | 21,535.92            |
| St. Lucy ..      | 1,022   | 780  | 362                                     | 2  | 27   | 366   | 20                                      | 27,782.18            |
| St. Joseph ..    | 811   | 703  | 191                                     | 16   | 25   | 109   | 2                                       | 15,036.69            |
| St. Andrew ..    | 373   | 293  | 79                                      | 18   | 40   | 75  | 4                                       | 13,837.41            |
| Total ..         | 19,478  | 11,695                                     | 5,810                                   | 3,935                                      | 865  | 2,890   | 352                                     | \$598,320.00         |



## APPENDIX III

## Annual Report of the Port Health Officer for the Year 1949

Dr. J. A. Browne, acting Port Health Officer was on Casual leave from January 26th to February 9th, and on sick leave from August 2nd to November 30th. He resigned the Acting post on November 30th. Dr. A. V. Greaves acted during his absence on leave and was appointed Acting Port Health Officer in place of Dr. Browne as of December 1st, 1949.

2. The post of acting Assistant Port Health Officer was filled during the year successively by Drs. Kerr, Greaves, Emtage and Donohoe.

3. During the year 1,032 ships were admitted to the Port of Bridgetown, representing a total net tonnage of 1,380,232. This tonnage was apportioned as follows:—

|                                     |    |           |
|-------------------------------------|----|-----------|
| Steam and motor propelled vessels:— | .. | 1,337,791 |
| Sailing ships:— .. .. .             | .. | 42,441    |

The appended table shows the figures for the past five years:—

| Year | Number of ships | Tonnage   |
|------|-----------------|-----------|
| 1945 | 698             | 413,737   |
| 1946 | 910             | 863,742   |
| 1947 | 1,006           | 1,251,456 |
| 1948 | 968             | 1,108,908 |
| 1949 | 1,032           | 1,380,232 |

4. The total number of passengers landing in the Colony by ship was 4,794; of these 1,695 were first class. One thousand three hundred and thirty-one aeroplanes arrived in the Colony during the year. They carried a total of 13,237 passengers, of which 11,933 landed in the Colony and 1,304 were in-transit elsewhere.

5. Trans-Canada Air Lines opened a service to the West Indies during the year and included Barbados in their itinerary.

(Sgd.) A. V. GREAVES,

Acting Port Health Officer.



TABLE "A"

## NATIONALITY

|            |    |    |    | S.S. | Schooners | Sloops | Yachts | Yawls | Motor Vessels | Warships | Total |
|------------|----|----|----|------|-----------|--------|--------|-------|---------------|----------|-------|
| British    | .. | .. | .. | 141  | 440       | 2      | 8      | 3     | 136           | 4        | 734   |
| American   | .. | .. | .. | 52   | 1         | —      | 3      | —     | 1             | 3        | 60    |
| French     | .. | .. | .. | 40   | 5         | 1      | —      | —     | 21            | —        | 67    |
| Canadian   | .. | .. | .. | 47   | —         | —      | —      | —     | —             | —        | 47    |
| Dutch      | .. | .. | .. | 46   | —         | —      | —      | —     | 7             | 1        | 54    |
| Norwegian  | .. | .. | .. | 31   | —         | —      | —      | —     | —             | —        | 31    |
| Argentine  | .. | .. | .. | 5    | —         | —      | —      | —     | —             | —        | 5     |
| Danish     | .. | .. | .. | 1    | —         | —      | —      | —     | —             | —        | 1     |
| Panamanian | .. | .. | .. | 5    | —         | —      | —      | —     | —             | —        | 5     |
| Italian    | .. | .. | .. | 4    | —         | —      | —      | —     | —             | —        | 4     |
| Honduran   | .. | .. | .. | 6    | 1         | —      | —      | —     | 4             | —        | 11    |
| Swedish    | .. | .. | .. | 6    | 1         | —      | —      | —     | —             | —        | 7     |
| Greek      | .. | .. | .. | 2    | —         | —      | —      | —     | —             | —        | 2     |
| Chilean    | .. | .. | .. | —    | —         | —      | —      | —     | 1             | —        | 1     |
| Colombian  | .. | .. | .. | —    | —         | —      | —      | —     | 1             | —        | 1     |
| Spanish    | .. | .. | .. | —    | —         | —      | —      | —     | 1             | —        | 1     |
| Belgian    | .. | .. | .. | —    | —         | —      | —      | —     | 1             | —        | 1     |
|            |    |    |    | 386  | 448       | 3      | 11     | 3     | 173           | 8        | 1,032 |

| Year | Arrivals | Tonnage   |
|------|----------|-----------|
| 1945 | 698      | 413,737   |
| 1946 | 910      | 863,742   |
| 1947 | 1,006    | 1,251,456 |
| 1948 | 968      | 1,108,908 |
| 1949 | 1,032    | 1,380,232 |



## TABLE "A"

## NATIONALITY

| Nationality | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 | 2564 | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2578 | 2579 | 2580 | 2581 | 2582 | 2583 | 2584 | 2585 | 2586 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | 2593 | 2594 | 2595 | 2596 | 2597 | 2598 | 2599 | 2600 | 2601 | 2602 | 2603 | 2604 | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2612 | 2613 | 2614 | 2615 | 2616 | 2617 | 2618 | 2619 | 2620 | 2621 | 2622 | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | 2630 | 2631 | 2632 | 2633 | 2634 | 2635 | 2636 | 2637 | 2638 | 2639 | 2640 | 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2647 | 2648 | 2649 | 2650 | 2651 | 2652 | 2653 | 2654 | 2655 | 2656 | 2657 | 2658 | 2659 | 2660 | 2661 | 2662 | 2663 | 2664 | 2665 | 2666 | 2667 | 2668 | 2669 | 2670 | 2671 | 2672 | 2673 | 2674 | 2675 | 2676 | 2677 | 2678 | 2679 | 2680 | 2681 | 2682 | 2683 | 2684 | 2685 | 2686 | 2687 | 2688 | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2706 | 2707 | 2708 | 2709 | 2710 | 2711 | 2712 | 2713 | 2714 | 2715 | 2716 | 2717 | 2718 | 2719 | 2720 | 2721 | 2722 | 2723 | 2724 | 2725 | 2726 | 2727 | 2728 | 2729 | 2730 | 2731 | 2732 | 2733 | 2734 | 2735 | 2736 | 2737 | 2738 | 2739 | 2740 | 2741 | 2742 | 2743 | 2744 | 2745 | 2746 | 2747 | 2748 | 2749 | 2750 | 2751 | 2752 | 2753 | 2754 | 2755 | 2756 | 2757 | 2758 | 2759 | 2760 | 2761 | 2762 | 2763 | 2764 | 2765 | 2766 | 2767 | 2768 | 2769 | 2770 | 2771 | 2772 | 2773 | 2774 | 2775 | 2776 | 2777 | 2778 | 2779 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 | 2789 | 2790 | 2791 | 2792 | 2793 | 2794 | 2795 | 2796 | 2797 | 2798 | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | 2806 | 2807 | 2808 | 2809 | 2810 | 2811 | 2812 | 2813 | 2814 | 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2823 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 | 2832 | 2833 | 2834 | 2835 | 2836 | 2837 | 2838 | 2839 | 2840 | 2841 | 2842 | 2843 | 2844 | 2845 | 2846 | 2847 | 2848 | 2849 | 2850 | 2851 | 2852 | 2853 | 2854 | 2855 | 2856 | 2857 | 2858 | 2859 | 2860 | 2861 | 2862 | 2863 | 2864 | 2865 | 2866 | 2867 | 2868 | 2869 | 2870 | 2871 | 2872 | 2873 | 2874 | 2875 | 2876 | 2877 | 2878 | 2879 | 2880 | 2881 | 2882 | 2883 | 2884 | 2885 | 2886 | 2887 | 2888 | 2889 | 2890 | 2891 | 2892 | 2893 | 2894 | 2895 | 2896 | 2897 | 2898 | 2899 | 2900 | 2901 | 2902 | 2903 | 2904 | 2905 | 2906 | 2907 | 2908 | 2909 | 2910 | 2911 | 2912 | 2913 | 2914 | 2915 | 2916 | 2917 | 2918 | 2919 | 2920 | 2921 | 2922 | 2923 | 2924 | 2925 | 2926 | 2927 | 2928 | 2929 | 2930 | 2931 | 2932 | 2933 | 2934 | 2935 | 2936 | 2937 | 2938 | 2939 | 2940 | 2941 | 2942 | 2943 | 2944 | 2945 | 2946 | 2947 | 2948 | 2949 | 2950 | 2951 | 2952 | 2953 | 2954 | 2955 | 2956 | 2957 | 2958 | 2959 | 2960 | 2961 | 2962 | 2963 | 2964 | 2965 | 2966 | 2967 | 2968 | 2969 | 2970 | 2971 | 2972 | 2973 | 2974 | 2975 | 2976 | 2977 | 2978 | 2979 | 2980 | 2981 | 2982 | 2983 | 2984 | 2985 | 2986 | 2987 | 2988 | 2989 | 2990 | 2991 | 2992 | 2993 | 2994 | 2995 | 2996 | 2997 | 2998 | 2999 | 3000 | 3001 | 3002 | 3003 | 3004 | 3005 | 3006 | 3007 | 3008 | 3009 | 3010 | 3011 | 3012 | 3013 | 3014 | 3015 | 3016 | 3017 | 3018 | 3019 | 3020 | 3021 | 3022 | 3023 | 3024 | 3025 | 3026 | 3027 | 3028 | 3029 | 3030 | 3031 | 3032 | 3033 | 3034 | 3035 | 3036 | 3037 | 3038 | 3039 | 3040 | 3041 | 3042 | 3043 | 3044 | 3045 | 3046 | 3047 | 3048 | 3049 | 3050 | 3051 | 3052 | 3053 | 3054 | 3055 | 3056 | 3057 | 3058 | 3059 | 3060 | 3061 | 3062 | 3063 | 3064 | 3065 | 3066 | 3067 | 3068 | 3069 | 3070 | 3071 | 3072 | 3073 | 3074 | 3075 | 3076 | 3077 | 3078 | 3079 | 3080 | 3081 | 3082 | 3083 | 3084 | 3085 | 3086 | 3087 | 3088 | 3089 | 3090 | 3091 | 3092 | 3093 | 3094 | 3095 | 3096 | 3097 | 3098 | 3099 | 3100 | 3101 | 3102 | 3103 | 3104 | 3105 | 3106 | 3107 | 3108 | 3109 | 3110 | 3111 | 3112 | 3113 | 3114 | 3115 | 3116 | 3117 | 3118 | 3119 | 3120 | 3121 | 3122 | 3123 | 3124 | 3125 | 3126 | 3127 | 3128 | 3129 | 3130 | 3131 | 3132 | 3133 | 3134 | 3135 | 3136 | 3137 | 3138 | 3139 | 3140 | 3141 | 3142 | 3143 | 3144 | 3145 | 3146 | 3147 | 3148 | 3149 | 3150 | 3151 | 3152 | 3153 | 3154 | 3155 | 3156 | 3157 | 3158 | 3159 | 3160 | 3161 | 3162 | 3163 | 3164 | 3165 | 3166 | 3167 | 3168 | 3169 | 3170 | 3171 | 3172 | 3173 | 3174 | 3175 | 3176 | 3177 | 3178 | 3179 | 3180 | 3181 | 3182 | 3183 | 3184 | 3185 | 3186 | 3187 | 3188 | 3189 | 3190 | 3191 | 3192 | 3193 | 3194 | 3195 | 3196 | 3197 | 3198 | 3199 | 3200 | 3201 | 3202 | 3203 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|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-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## APPENDIX IV

## CAUSES OF DEATHS REGISTERED DURING THE YEAR 1949.

| DISEASES              |  | NUMBER REGISTERED IN |     |            |     |            |     |            |     |          |     |           |     |            |     |           |     |          |     |            |     |            |     |       |       | TOTAL   |  |  |
|-----------------------|--|----------------------|-----|------------|-----|------------|-----|------------|-----|----------|-----|-----------|-----|------------|-----|-----------|-----|----------|-----|------------|-----|------------|-----|-------|-------|---------|--|--|
|                       |  | St. Michael          |     | Xt. Church |     | St. George |     | St. Philip |     | St. John |     | St. James |     | St. Thomas |     | St. Peter |     | St. Lucy |     | St. Joseph |     | St. Andrew |     | M     | F     | Persons |  |  |
|                       |  | M                    | F   | M          | F   | M          | F   | M          | F   | M        | F   | M         | F   | M          | F   | M         | F   | M        | F   | M          | F   | M          | F   |       |       |         |  |  |
| I.                    | Infective and Parasitic Diseases ...   | 81                   | 95  | 5          | 17  | 14         | 14  | 16         | 12  | 22       | 16  | 12        | 9   | 6          | 8   | 11        | 13  | 19       | 15  | 7          | 6   | 7          | 7   | 200   | 212   | 412     |  |  |
| II.                   | Cancer and other Tumours ...   | 16                   | 61  | 11         | 12  | 1          | 10  | 1          | 7   | 4        | 5   | 2         | 11  | 3          | 3   | 4         | 5   | ...      | 3   | 3          | 2   | ...        | 1   | 44    | 121   | 165     |  |  |
| III.                  | Rheumatism, Diseases of Nutrition and of the<br>Endocrine Glands, Other General Diseases ... | 11                   | 26  | 4          | 6   | 2          | 1   | 2          | 1   | 1        | ... | ...       | ... | 1          | 2   | 3         | 1   | 2        | ... | 2          | 3   | 1          | 3   | 29    | 43    | 72      |  |  |
| IV.                   | Diseases of the Blood and Blood-Forming Organs ...   | 5                    | 2   | 1          | 2   | ...        | 2   | 1          | 2   | 1        | ... | ...       | 1   | ...        | ... | ...       | ... | 2        | ... | 2          | ... | ...        | ... | 8     | 13    | 21      |  |  |
| V.                    | Chronic poisoning and Intoxication ...   | 2                    | ... | ...        | ... | ...        | ... | ...        | ... | ...      | ... | 1         | ... | ...        | ... | ...       | ... | ...      | ... | ...        | ... | ...        | ... | 3     | ...   | 3       |  |  |
| VI.                   | Diseases of the Nervous System and Sense Organs ...  | 56                   | 84  | 16         | 24  | 7          | 12  | 6          | 17  | 7        | 10  | 7         | 8   | 2          | 1   | 1         | 9   | 1        | 9   | 3          | 3   | 2          | 2   | 108   | 179   | 287     |  |  |
| VII.                  | Diseases of the Circulatory System ...   | 63                   | 93  | 17         | 20  | 13         | 19  | 7          | 20  | 12       | 19  | 16        | 20  | 5          | 8   | 15        | 28  | 11       | 14  | 5          | 10  | 9          | 14  | 173   | 265   | 438     |  |  |
| VIII.                 | Diseases of the Respiratory System ...   | 63                   | 63  | 10         | 16  | 27         | 12  | 14         | 9   | 12       | 8   | 5         | 13  | 15         | 7   | 8         | 4   | 8        | 9   | 5          | 2   | 2          | 3   | 169   | 146   | 315     |  |  |
| IX.                   | Diseases of the Digestive System ...   | 38                   | 49  | 16         | 3   | 10         | 12  | 9          | 4   | 12       | 16  | 16        | 13  | 5          | 8   | 6         | 12  | 5        | 3   | 8          | 3   | 3          | 1   | 128   | 125   | 253     |  |  |
| X.                    | Diseases of the Urinary and Genital System ...   | 35                   | 33  | 7          | 7   | 6          | 2   | 5          | 10  | 6        | 6   | 3         | 3   | ...        | 1   | 6         | 3   | 1        | 3   | 3          | 1   | 2          | 5   | 74    | 74    | 148     |  |  |
| XI.                   | Diseases of Pregnancy, Childbirth and Puerperal<br>State ...                                 | ...                  | 9   | ...        | ... | ...        | 2   | ...        | 1   | ...      | 1   | ...       | 1   | ...        | 4   | ...       | 1   | ...      | ... | ...        | ... | ...        | ... | ...   | 19    | 19      |  |  |
| XII.                  | Diseases of the Skin and Cellular Tissue ...   | 1                    | ... | 1          | ... | ...        | ... | ...        | ... | 2        | ... | ...       | ... | ...        | ... | ...       | ... | ...      | ... | ...        | ... | ...        | ... | 4     | ...   | 4       |  |  |
| XIII.                 | Diseases of the Bones and Organs of Movement ...   | ...                  | 3   | 1          | ... | ...        | ... | ...        | ... | 1        | 1   | ...       | ... | ...        | ... | ...       | ... | ...      | ... | ...        | ... | ...        | ... | 2     | 4     | 6       |  |  |
| XIV.                  | Congenital Malformations ...   | 4                    | ... | ...        | 1   | 1          | ... | ...        | ... | 2        | ... | ...       | ... | ...        | ... | ...       | ... | 1        | ... | ...        | ... | ...        | ... | 8     | 1     | 9       |  |  |
| XV.                   | Diseases peculiar to the First Year of Life ...  | 91                   | 70  | 18         | 22  | 23         | 14  | 10         | 17  | 10       | 12  | 15        | 14  | 18         | 21  | 10        | 7   | 6        | 4   | 24         | 11  | 8          | 9   | 233   | 208   | 441     |  |  |
| XVI.                  | Senility ...   | 15                   | 81  | 5          | 20  | 2          | 13  | 5          | 8   | 1        | 6   | 1         | 8   | 2          | 8   | 3         | 3   | ...      | 1   | 2          | 5   | ...        | ... | 36    | 153   | 189     |  |  |
| XVII.                 | Violent or Accidental Deaths ...   | 18                   | 11  | 5          | ... | 5          | 1   | 3          | 2   | 2        | ... | 4         | ... | 2          | ... | 2         | 1   | 2        | 2   | 2          | ... | 2          | ... | 47    | 17    | 64      |  |  |
| XVIII.                | Ill-Defined Causes of Deaths ...   | 22                   | 30  | 6          | 13  | 1          | 9   | 5          | 8   | ...      | 1   | 3         | 3   | 10         | 8   | 2         | 5   | 1        | ... | 1          | ... | 2          | 5   | 53    | 80    | 133     |  |  |
| Total, All Groups ... |  | 521                  | 712 | 123        | 170 | 112        | 123 | 84         | 118 | 94       | 102 | 85        | 104 | 69         | 79  | 71        | 90  | 57       | 65  | 65         | 48  | 38         | 50  | 1,319 | 1,660 | 2,979   |  |  |



## CAUSES OF DEATHS REGISTERED

| DISEASES  | MALES |     |     |     | FEMALES |     |     |     | Total |
|---|-------|-----|-----|-----|---------|-----|-----|-----|-------|
|   | M     | F   | M   | F   | M       | F   | M   | F   |       |
| I. Infective and Parasitic Diseases   | 81    | 45  | 4   | 11  | 81      | 45  | 4   | 11  | 126   |
| II. Cancer and other Tumours  | 10    | 61  | 11  | 12  | 10      | 61  | 11  | 12  | 124   |
| III. Rheumatism, Diseases of Nutrition and of the Endocrine Glands, Other Venereal Diseases | 11    | 26  | 4   | 6   | 11      | 26  | 4   | 6   | 47    |
| IV. Diseases of the Heart and Blood-Vessels   | 8     | 2   | 1   | 2   | 8       | 2   | 1   | 2   | 13    |
| V. Chronic Poisoning and Intoxication   | 2     | ... | ... | ... | 2       | ... | ... | ... | 2     |
| VI. Diseases of the Nervous System and Sense Organs   | 26    | 24  | 16  | 24  | 26      | 24  | 16  | 24  | 100   |
| VII. Diseases of the Circulatory System   | 68    | 68  | 17  | 20  | 68      | 68  | 17  | 20  | 153   |
| VIII. Diseases of the Respiratory System  | 88    | 88  | 10  | 16  | 88      | 88  | 10  | 16  | 192   |
| IX. Diseases of the Digestive System  | 88    | 88  | 10  | 16  | 88      | 88  | 10  | 16  | 192   |
| X. Diseases of the Urinary and Genital System   | 88    | 88  | 10  | 16  | 88      | 88  | 10  | 16  | 192   |
| XI. Diseases of Pregnancy, Childbirth and Puerperal State                                   | ...   | ... | ... | ... | ...     | ... | ... | ... | ...   |
| XII. Diseases of the Skin and Cellular Tissue   | 1     | ... | ... | ... | 1       | ... | ... | ... | 1     |
| XIII. Diseases of the Bones and Organs of Movement  | ...   | ... | ... | ... | ...     | ... | ... | ... | ...   |
| XIV. Congenital Malformations   | 4     | ... | ... | ... | 4       | ... | ... | ... | 4     |
| XV. Diseases peculiar to the First Year of Life   | 91    | 70  | 18  | 29  | 91      | 70  | 18  | 29  | 208   |
| XVI. Scabies  | 18    | ... | ... | ... | 18      | ... | ... | ... | 18    |
| XVII. Violent or Accidental Deaths  | 18    | 11  | 5   | ... | 18      | 11  | 5   | ... | 29    |
| XVIII. Ill-Defined Causes of Deaths   | 22    | 20  | 6   | 18  | 22      | 20  | 6   | 18  | 66    |
| Total, All Groups   | 521   | 512 | 125 | 140 | 521     | 512 | 125 | 140 | 1158  |

## APPENDIX V

CAUSES OF DEATHS, ARRANGED IN AGE GROUPS, REGISTERED IN BARBADOS DURING THE YEAR, 1940

[illegible]











CAUSES OF DEATHS, ARRANGED IN AGE GROUPS, REGISTERED IN BARBADOS DURING THE YEAR, 1946





## APPENDIX V—Continued

CAUSES OF DEATHS, ARRANGED IN AGE GROUPS, REGISTERED IN BARBADOS DURING THE YEAR, 1949

[illegible]





## CAUSES OF DEATHS, ARRANGED IN AGE GROUPS, REGISTERED IN BARBADOS DURING THE YEAR 1949

[illegible]





## APPENDIX VI

MAJOR CAUSES OF DEATH IN ACCORDANCE WITH THE  
INTERMEDIATE INTERNATIONAL LIST OF CAUSES OF DEATH

1949.

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|                         |       |              |    |    |         |
|-------------------------|-------|--------------|----|----|---------|
| 1946 Census population: | Urban | {Bridgetown  |    |    |         |
|                         |       | {St. Michael | .. | .. | 76,218  |
|                         | Rural |              | .. | .. | 116,582 |

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| Classifi-<br>cation          | Total<br>No. of<br>Deaths | Urban<br>Deaths | per 100,000   |               |
|------------------------------|---------------------------|-----------------|---------------|---------------|
|                              |                           |                 | Urban<br>Rate | Rural<br>Rate |
| XV Early Infancy ..          | 441                       | 161             | 211           | 240           |
| VII Circulatory System ..    | 438                       | 156             | 205           | 242           |
| I Infective & Parasitic ..   | 412                       | 176             | 231           | 202           |
| VIII Respiratory System ..   | 315                       | 126             | 165           | 162           |
| VI Nervous System ..         | 287                       | 140             | 184           | 126           |
| IX Digestive System ..       | 253                       | 87              | 114           | 142           |
| XVI Senility ..              | 189                       | 96              | 126           | 71            |
| II Cancer & other Tumours .. | 165                       | 77              | 101           | 75            |
| X Genito-Urinary ..          | 148                       | 68              | 89            | 68            |



## APPENDIX VII

## BARBADOS.

MAJOR CAUSES OF DEATH IN ACCORDANCE WITH THE  
INTERMEDIATE INTERNATIONAL LIST OF CAUSES OF  
DEATH

1941—1949

| <i>Year</i> | <i>Classification</i> |                                      | <i>No. of<br/>Deaths</i> | <i>% of<br/>Total<br/>Deaths</i> |
|-------------|-----------------------|--------------------------------------|--------------------------|----------------------------------|
| 1941        | IX                    | Diseases of the Digestive System ..  | 659                      | 16.88                            |
|             | I                     | Infective & Parasitic Diseases ..    | 570                      | 14.61                            |
|             | XV                    | Early Infancy .. ..                  | 549                      | 14.07                            |
|             | VII                   | Diseases of Circulatory System ..    | 500                      | 12.81                            |
|             | VIII                  | Diseases of Respiratory System ..    | 367                      | 11.97                            |
|             | VI                    | Diseases of Nervous System ..        | 316                      | 8.10                             |
|             | X                     | Genito-Urinary System .. ..          | 287                      | 7.36                             |
|             | XVI                   | Senility .. ..                       | 272                      | 6.97                             |
| 1942        | XV                    | Early Infancy .. ..                  | 527                      | 16.09                            |
|             | VII                   | Diseases of Circulatory System ..    | 475                      | 14.50                            |
|             | I                     | Infective & Parasitic Diseases ..    | 451                      | 13.77                            |
|             | IX                    | Diseases of Digestive System ..      | 411                      | 12.55                            |
|             | VI                    | Diseases of Genito-Urinary System .. | 266                      | 8.12                             |
|             | XVI                   | Senility .. ..                       | 243                      | 7.43                             |
|             | VIII                  | Diseases of Respiratory System ..    | 239                      | 7.30                             |
| 1943        | XV                    | Early Infancy .. ..                  | 472                      | 15.21                            |
|             | I                     | Infective & Parasitic Diseases ..    | 448                      | 14.43                            |
|             | VII                   | Diseases of Circulatory System ..    | 443                      | 14.27                            |
|             | VIII                  | Diseases of Respiratory System ..    | 368                      | 11.86                            |
|             | IX                    | Diseases of Digestive System ..      | 301                      | 9.70                             |
|             | XVI                   | Senility .. ..                       | 270                      | 8.70                             |
|             | VI                    | Diseases of Nervous System ..        | 261                      | 8.41                             |
|             | X                     | Genito-Urinary System .. ..          | 218                      | 7.02                             |
| 1944        | I                     | Infective & Parasitic Diseases ..    | 545                      | 16.31                            |
|             | XV                    | Early Infancy .. ..                  | 532                      | 15.92                            |
|             | IX                    | Diseases of Digestive System ..      | 384                      | 11.49                            |
|             | VII                   | Diseases of Circulatory System ..    | 323                      | 9.67                             |
|             | VIII                  | Diseases of Respiratory System ..    | 323                      | 9.67                             |
|             | VI                    | Diseases of Nervous System ..        | 257                      | 7.69                             |
|             | X                     | Genito-Urinary System .. ..          | 251                      | 7.54                             |
|             | XVI                   | Senility .. ..                       | 237                      | 7.09                             |
| 1945        | I                     | Infective & Parasitic Diseases ..    | 468                      | 14.79                            |
|             | VII                   | Diseases of Circulatory System ..    | 423                      | 13.37                            |
|             | XV                    | Diseases of Early Infancy ..         | 371                      | 11.73                            |
|             | IX                    | Diseases of Digestive System ..      | 359                      | 11.35                            |
|             | VIII                  | Diseases of Respiratory System ..    | 319                      | 10.08                            |
|             | VI                    | Diseases of Nervous System ..        | 307                      | 9.70                             |
|             | X                     | Genito-Urinary System .. ..          | 242                      | 7.65                             |
|             | XVI                   | Senility .. ..                       | 172                      | 5.44                             |

APPENDIX VII—*Cont'd.*

## BARBADOS.

MAJOR CAUSES OF DEATH IN ACCORDANCE WITH THE  
INTERMEDIATE INTERNATIONAL LIST OF CAUSES OF  
DEATH

1941—1949

| <i>Year</i> | <i>Classification</i> |                                   | <i>No. of<br/>Deaths</i> | <i>% of<br/>Total<br/>Deaths</i> |
|-------------|-----------------------|-----------------------------------|--------------------------|----------------------------------|
| 1946        | I                     | Infective & Parasitic Diseases .. | 499                      | 15.17                            |
|             | XV                    | Early Infancy .. ..               | 447                      | 13.59                            |
|             | IX                    | Diseases of Digestive System ..   | 342                      | 10.40                            |
|             | XVI                   | Senility .. ..                    | 309                      | 9.39                             |
|             | VII                   | Diseases of Circulatory System .. | 303                      | 9.21                             |
|             | VI                    | Diseases of Nervous System ..     | 297                      | 9.03                             |
|             | X                     | Genito-Urinary .. ..              | 246                      | 7.48                             |
|             | II                    | Cancer and other Tumours ..       | 162                      | 4.62                             |
| 1947        | XV                    | Early Infancy .. ..               | 588                      | 18.35                            |
|             | I                     | Infective & Parasitic Diseases .. | 464                      | 14.48                            |
|             | VII                   | Diseases of Circulatory System .. | 451                      | 14.39                            |
|             | IX                    | Diseases of Digestive System ..   | 338                      | 10.55                            |
|             | VI                    | Diseases of Nervous System ..     | 272                      | 8.49                             |
|             | VIII                  | Diseases of Respiratory system .. | 271                      | 8.46                             |
|             | XVI                   | Senility .. ..                    | 222                      | 6.93                             |
|             | X                     | Genito-Urinary .. ..              | 214                      | 6.68                             |
| 1948        | XV                    | Early Infancy .. ..               | 608                      | 19.36                            |
|             | I                     | Infective & Parasitic Diseases .. | 485                      | 15.44                            |
|             | VII                   | Diseases of Circulatory System .. | 397                      | 12.64                            |
|             | IX                    | Diseases of Digestive System ..   | 360                      | 11.46                            |
|             | VI                    | Diseases of Nervous System ..     | 289                      | 9.20                             |
|             | XVI                   | Senility .. ..                    | 206                      | 6.56                             |
|             | VIII                  | Diseases of Respiratory System .. | 193                      | 6.11                             |
|             | X                     | Genito-Urinary .. ..              | 182                      | 5.79                             |
| 1949        | XV                    | Early Infancy .. ..               | 441                      | 14.80                            |
|             | VII                   | Diseases of Circulatory System .. | 438                      | 14.70                            |
|             | I                     | Infective & Parasitic Diseases .. | 412                      | 13.83                            |
|             | VIII                  | Diseases of Respiratory System .. | 315                      | 10.57                            |
|             | VI                    | Diseases of Nervous System ..     | 287                      | 9.63                             |
|             | IX                    | Diseases of Digestive System ..   | 253                      | 8.49                             |
|             | XVI                   | Senility .. ..                    | 189                      | 6.34                             |
|             | II                    | Cancer and other Tumours ..       | 165                      | 5.54                             |
|             | X                     | Genito-Urinary .. ..              | 148                      | 4.97                             |



# APPENDIX VIII

CAUSES OF DEATHS OF INFANTS UNDER 1 YEAR REGISTERED DURING THE YEAR 1949

|                      | NUMBER REGISTERED IN |     |           |    |            |    |            |    |          |    |           |     |            |    |           |    |          |    |            |     |            |     |         |     | TOTAL |
|----------------------|----------------------|-----|-----------|----|------------|----|------------|----|----------|----|-----------|-----|------------|----|-----------|----|----------|----|------------|-----|------------|-----|---------|-----|-------|
|                      | St. Michael          |     | X. Church |    | St. George |    | St. Philip |    | St. John |    | St. James |     | St. Thomas |    | St. Peter |    | St. Lucy |    | St. Joseph |     | St. Andrew |     | Persons |     |       |
|                      | M                    | F   | M         | F  | M          | F  | M          | F  | M        | F  | M         | F   | M          | F  | M         | F  | M        | F  | M          | F   | M          | F   |         |     |       |
| Under 1 day          | 10                   | 4   | 3         | 1  | 5          | 3  | 2          | 5  | 2        | 2  | ...       | ... | 1          | 1  | 1         | 1  | ...      | 1  | 1          | 1   | 1          | 1   | 1       | 40  |       |
| 1 day — 6 days       | 35                   | 16  | 7         | 8  | 6          | 3  | 9          | 9  | 6        | 2  | 4         | 2   | 4          | 5  | 1         | 2  | 8        | 1  | 3          | 2   | 2          | 2   | 2       | 136 |       |
| 7 days — month       | 14                   | 15  | 7         | 2  | 7          | 5  | 3          | 4  | 9        | 1  | 1         | 1   | 4          | 5  | 1         | 5  | 2        | 1  | 1          | 1   | 2          | 2   | 2       | 98  |       |
| Total under 1 month  | 59                   | 35  | 17        | 11 | 18         | 8  | 7          | 18 | 15       | 12 | 5         | 3   | 9          | 11 | 3         | 8  | 10       | 3  | 9          | 5   | 3          | 5   | 5       | 274 |       |
| 1 month — 2 months   | 22                   | 15  | 6         | 3  | 5          | 4  | 3          | 5  | 6        | 4  | 6         | 8   | 3          | 4  | 5         | 6  | 3        | 2  | 7          | 1   | ...        | 2   | 2       | 121 |       |
| 3 months — 5 months  | 24                   | 32  | 5         | 5  | 6          | 4  | 11         | 2  | 8        | 9  | 11        | 5   | 9          | 6  | 4         | 5  | 6        | 5  | 7          | 8   | 2          | 2   | 2       | 176 |       |
| 6 months — 8 months  | 33                   | 28  | 5         | 6  | 8          | 4  | 3          | 3  | 6        | 4  | 5         | 6   | 5          | 2  | 7         | 3  | 3        | 3  | 4          | 1   | 3          | ... | ...     | 142 |       |
| 9 months — 11 months | 13                   | 23  | 4         | 8  | 9          | 7  | 5          | 5  | 4        | 5  | 3         | 9   | 2          | 3  | 4         | 3  | 7        | 6  | 3          | ... | 3          | 4   | 4       | 130 |       |
| Total under 1 year   | 151                  | 133 | 37        | 33 | 46         | 28 | 29         | 33 | 39       | 34 | 30        | 31  | 28         | 26 | 23        | 25 | 29       | 19 | 30         | 15  | 11         | 13  | 390     | 843 |       |

## APPENDIX IX

## BARBADOS.

## INFANT DEATHS BY AGE IN MONTHS — % DISTRIBUTION 1949

| Age at Death             | Deaths in First Year of Life |                |
|--------------------------|------------------------------|----------------|
|                          | Number                       | % Distribution |
| Under 1 Year .. .. .     | 843                          | 100            |
| Under 1 Month .. .. .    | 274                          | 33             |
| Under 1 Day .. .. .      | 40                           | 5              |
| 1 — 6 days .. .. .       | 136                          | 16             |
| 7 days — 1 month .. .. . | 98                           | 12             |
| 1 — 11 months .. .. .    | 569                          | 67             |
| 1 — 2 months .. .. .     | 121                          | 14             |
| 3 — 5 months .. .. .     | 176                          | 21             |
| 6 — 8 months .. .. .     | 142                          | 17             |
| 9 — 11 months .. .. .    | 130                          | 15             |

NOTE : Of the 6,357 infants born alive in 1949, 274 died in the first month of life; the *neo-natal mortality rate* therefore was 43 per 1,000 live births.

Of the 6,083 infants that survived the first month of life, 569 died before completing the first year of life; the mortality rate for infants in the second to twelfth month of life, therefore, was 91 per 1,000 infants alive at the beginning of the second month of life.

The Infant Mortality Rate was 132.6 per 1,000 live births.

Comparative figures for the U.K., U.S.A., and Barbados.

| Country                               | Infant Mortality Rate | Neo-natal Rate | Rest of first year |
|---------------------------------------|-----------------------|----------------|--------------------|
| United Kingdom .. .. . {1947<br>{1948 | 41.4                  | 25.4           | Not available      |
| United States of America .. .. . 1940 | 34<br>47              | 20<br>29       | 14<br>10           |
| Barbados .. .. . 1949                 | 132.6                 | 42             | 91                 |



## APPENDIX X

## BARBADOS.

## INFANT DEATHS BY AGE IN MONTHS FOR THE YEAR 1949

| Age at Death   |    |    | Deaths in First Year of Life |                |        |                |
|----------------|----|----|------------------------------|----------------|--------|----------------|
|                |    |    | URBAN                        |                | RURAL  |                |
|                |    |    | Number                       | % Distribution | Number | % Distribution |
| Under 1 Year   | .. | .. | 284                          | 100            | 559    | 100            |
| Under 1 Month  | .. | .. | 94                           | 33             | 180    | 32             |
| Under 1 Day    | .. | .. | 14                           | 5              | 26     | 5              |
| 1—6 days       | .. | .. | 51                           | 18             | 85     | 15             |
| 7 days—1 month | .. | .. | 29                           | 10             | 69     | 12             |
| 1—11 months    | .. | .. | 190                          | 67             | 379    | 68             |
| 1— 2 months    | .. | .. | 37                           | 13             | 84     | 15             |
| 3— 5 months    | .. | .. | 56                           | 20             | 126    | 23             |
| 6— 8 months    | .. | .. | 61                           | 21             | 81     | 14             |
| 9—11 months    | .. | .. | 36                           | 13             | 94     | 16             |

## APPENDIX XI

## BARBADOS.

CAUSES OF DEATH IN THE FIRST YEAR OF LIFE  
 NUMBER OF DEATHS, % DISTRIBUTION  
 FOR THE YEAR 1949.

| Cause of Death   | Deaths in the First Year of Life |                |
|--|----------------------------------|----------------|
|  | Number                           | % Distribution |
| All Causes .. .. .   | 843                              | 100            |
| Pre-natal and natal causes .. .. .                           | 449                              | 53             |
| Premature birth .. .. .                                      | 76                               | 9              |
| Congenital malformations .. .. .                             | 9                                | 1              |
| Injury at birth .. .. .                                      | 6                                | 0.7            |
| Congenital debility .. .. .                                  | 178                              | 21             |
| Other diseases peculiar to the<br>first year of life .. .. . | 65                               | 8              |
| Syphilis .. .. .   | 85                               | 10             |
| Tetanus .. .. .  | 30                               | 3.3            |
| Respiratory Diseases .. .. .                                 | 162 (a)                          | 19             |
| Gastro-Intestinal Diseases .. .. .                           | 115 (b)                          | 14             |
| Epidemic & other communicable<br>diseases .. .. .            | 16                               | 2              |
| Malnutrition .. .. .   | 58                               | 7              |
| All other specified causes .. .. .                           | 40                               | 4.7            |
| Ill-defined & unknown causes .. .. .                         | 3                                | 0.3            |

(a) Pneumonia and other Respiratory Diseases.

(b) Chiefly gastro-enteritis



## APPENDIX XII

## BARBADOS.

CAUSES OF DEATH IN THE FIRST YEAR OF LIFE  
 NUMBER OF DEATHS, % DISTRIBUTION  
 FOR THE YEAR 1949

| Cause of Death   | Deaths in First Year of Life. |            |        |            |
|--|-------------------------------|------------|--------|------------|
|  | URBAN                         |            | RURAL  |            |
|  | Number                        | % Distrib. | Number | % Distrib. |
| All Causes .. .. .                                     | 284                           | 100        | 559    | 100        |
| Pre-natal and natal causes .. ..                       | 153                           | 54         | 296    | 53         |
| Premature Birth .. .. .                                | 27                            | 9.5        | 49     | 9          |
| Congenital malformation .. .. .                        | 1                             | .3         | 8      | 1.5        |
| Injury at Birth .. .. .                                | 3                             | .9         | 3      | .5         |
| Congenital debility .. .. .                            | 75                            | 26         | 103    | 18         |
| Other diseases peculiar to 1st<br>year of life .. .. . | 10                            | 3.5        | 55     | 10         |
| Syphilis .. .. .                                       | 25                            | 8.8        | 60     | 11         |
| Tetanus .. .. .  | 12                            | 5          | 18     | 3          |
| Respiratory .. .. .                                    | 58                            | 20         | 104    | 18.6       |
| Gastro-Intestinal Diseases .. ..                       | 32                            | 11         | 83     | 15         |
| Epidemic & other communicable<br>diseases .. .. .      | 3                             | 1.5        | 13     | 2          |
| Malnutrition .. .. .                                   | 14                            | 5          | 44     | 8          |
| All other specified causes .. ..                       | 23                            | 8          | 17     | 3          |
| Ill-defined or unknown causes ..                       | 1                             | .5         | 2      | .4         |

## APPENDIX XIII

## BARBADOS.

**TUBERCULOSIS: Deaths and Death Rate per 100,000 population.**

| Years. | No. of Deaths. | Death Rate per 100,000<br>pop. (estimated) |
|--------|----------------|--|
| 1930/4 | 111 (mean)     | 62.6                                       |
| 1935/9 | 115 "          | 60.3                                       |
| 1940/4 | 122 "          | 60.7                                       |
| 1945/9 | 116 "          | 55.9                                       |

**TUBERCULOSIS: Deaths and Death Rate per 100,000 population, using the 1946 Census Year Pop. of 195,398 on 31/12/46.**

| Year | No. of Deaths. | Death Rate per 100,000<br>pop. |
|------|----------------|--------------------------------|
| 1945 | 114            | 58.3                           |
| 1946 | 119            | 60.9                           |
| 1947 | 112            | 57.3                           |
| 1948 | 139            | 71.1                           |
| 1949 | 94             | 48.7                           |

**TUBERCULOSIS: Death Rate per 100,000 living, Urban and Rural.**

| Year. | Urban | Rural. |
|-------|-------|--------|
| 1933  | 80    | 36     |
| 1942  | 127   | 31     |
| 1948  | 117   | 38     |
| 1949  | 77    | 25     |



## APPENDIX XIV

**Barbados General Hospital**

Barbados.

A. TABLE SHOWING THE ADMISSIONS FOR THE FIVE YEARS ENDED ON 31ST MARCH, 1950

| Year    | Xt. Church | St. John | St. Philip | St. Joseph | St. George | St. Thomas | St. James | St. Peter | St. Andrew | St. Lucy | Total from<br>out Parishes | St. Michael | Seamen | Other Non-<br>Residents | Grand Total |
|---------|------------|----------|------------|------------|------------|------------|-----------|-----------|------------|----------|----------------------------|-------------|--------|-------------------------|-------------|
| 1945-46 | ...        | 219      | 303        | 199        | 397        | 233        | 233       | 228       | 91         | 135      | 2,776                      | 3,850       | 54     | 44                      | 6,724       |
| 1946-47 | ...        | 267      | 357        | 207        | 534        | 248        | 291       | 215       | 136        | 134      | 3,178                      | 4,210       | 67     | 42                      | 7,497       |
| 1947-48 | ...        | 286      | 371        | 171        | 436        | 315        | 282       | 201       | 147        | 161      | 3,387                      | 4,074       | 68     | 21                      | 7,550       |
| 1948-49 | ...        | 314      | 351        | 230        | 491        | 358        | 342       | 202       | 148        | 201      | 3,720                      | 4,477       | 53     | 38                      | 8,288       |
| 1949-50 | ...        | 361      | 443        | 224        | 544        | 409        | 335       | 236       | 128        | 192      | 4,021                      | 4,620       | 52     | 30                      | 8,723       |

B. STATISTICAL TABLE OF INDOOR DEPARTMENT FOR THE FIVE YEARS ENDED ON 31ST MARCH, 1950

| Year    | ADMISSIONS |        |       | DISCHARGES             |       |          |           |           |       |         | DEATHS |                          |      | NUMBER TREATED |        |       | MORTALITY       |       |        |   |                   |                       |                   |                               |                                       |
|---------|------------|--------|-------|------------------------|-------|----------|-----------|-----------|-------|---------|--------|--------------------------|------|----------------|--------|-------|-----------------|-------|--------|---|-------------------|-----------------------|-------------------|-------------------------------|---------------------------------------|
|         | Male       | Female | Total | Daily Average Resident | Cured | Relieved | No Result | Incurable | Total | Average |        | Longest stay in Hospital | Days | Male           | Female | Total | Average stay of | Days  | Deaths | No. of Persons in Hospital at end of previous year. | No. of Admissions | Total under Treatment | Rate of Mortality | No. of Deaths Within 48 Hours | Rate of Mortality Exclusive of These. |
|         |            |        |       |                        |       |          |           |           |       | Stay of | DAYS   |                          |      |                |        |       |                 |       |        |   |                   |                       |                   |                               |                                       |
| 1945-46 | 3,410      | 3,314  | 6,724 | 248                    | 3,904 | 1,953    | 393       | 0         | 6,250 | 14      | 269    | 249                      | 209  | 458            | 7      | 246   | 6,724           | 6,970 | 6.6    | 174   | 4.1               |                       |                   |                               |                                       |
| 1946-47 | 3,514      | 3,983  | 7,497 | 271                    | 3,782 | 2,733    | 536       | 1         | 7,052 | 14      | 253    | 226                      | 216  | 442            | 8      | 262   | 7,497           | 7,759 | 5.7    | 176   | 3.4               |                       |                   |                               |                                       |
| 1947-48 | 3,613      | 3,937  | 7,550 | 258                    | 4,104 | 2,428    | 557       | 0         | 7,089 | 13      | 342    | 254                      | 192  | 446            | 10     | 265   | 7,550           | 7,815 | 5.7    | 200   | 3.1               |                       |                   |                               |                                       |
| 1948-49 | 4,008      | 4,280  | 8,288 | 281                    | 4,336 | 2,787    | 602       | 52        | 7,777 | 12      | 398    | 274                      | 217  | 491            | 8      | 280   | 8,288           | 8,568 | 5.7    | 210   | 3.2               |                       |                   |                               |                                       |
| 1949-50 | 4,119      | 4,604  | 8,723 | 301                    | 4,266 | 3,272    | 658       | 44        | 8,240 | 13      | 377    | 262                      | 218  | 480            | 11     | 300   | 8,723           | 9,023 | 5.3    | 49  | 4.7               |                       |                   |                               |                                       |

**Out-patients** There were 74,990 attendances recorded in the Out-Patient Department during the year. Of this number 21,453 were new cases and 53,537 were After-Attendances.

## APPENDIX XV

## BARBADOS.

THE CHIEF DISEASES TREATED AT THE BARBADOS GENERAL  
HOSPITAL DURING THE YEAR 1949

| Diseases                  |    |    |    | Cases | Cured | Relieved | No result | Incurable | Deaths |
|---------------------------|----|----|----|-------|-------|----------|-----------|-----------|--------|
| Abortion                  | .. | .. | .. | 212   | 180   | 32       | —         | —         | —      |
| Adenoids                  | .. | .. | .. | 150   | 144   | 3        | 3         | —         | —      |
| Anaemia                   | .. | .. | .. | 22    | —     | 13       | 2         | —         | 7      |
| Aneurysm                  | .. | .. | .. | 4     | —     | 4        | —         | —         | —      |
| Appendicitis              | .. | .. | .. | 566   | 494   | 53       | 13        | —         | 6      |
| Arthritis                 | .. | .. | .. | 71    | 19    | 51       | 1         | —         | —      |
| Bronchitis                | .. | .. | .. | 151   | 77    | 69       | 1         | —         | 4      |
| Broncho-Pneumonia         | .. | .. | .. | 210   | 136   | 20       | 1         | —         | 53     |
| Burns                     | .. | .. | .. | 105   | 56    | 43       | —         | —         | 6      |
| Carbuncle                 | .. | .. | .. | 26    | 7     | 19       | —         | —         | —      |
| Carcinoma                 | .. | .. | .. | 134   | 26    | 31       | 39        | 23        | 15     |
| Cardiac Disease           | .. | .. | .. | 129   | —     | 87       | 3         | 2         | 37     |
| Cataract                  | .. | .. | .. | 47    | 20    | 11       | 16        | —         | —      |
| Cellulitis                | .. | .. | .. | 148   | 66    | 79       | 3         | —         | —      |
| Cerebro-Spinal Meningitis | .. | .. | .. | —     | —     | —        | —         | —         | —      |
| Colitis                   | .. | .. | .. | 15    | 5     | 9        | —         | —         | 1      |
| Conjunctivitis            | .. | .. | .. | 32    | 20    | 10       | 2         | —         | —      |
| Diabetes                  | .. | .. | .. | 66    | 1     | 46       | 8         | —         | 11     |
| Diarrhoea                 | .. | .. | .. | 84    | 60    | 15       | —         | —         | 9      |
| Dysentery                 | .. | .. | .. | 14    | 8     | 5        | —         | —         | 1      |
| Dysmenorrhoea             | .. | .. | .. | 40    | 11    | 27       | 2         | —         | —      |
| Endometritis              | .. | .. | .. | 13    | 13    | —        | —         | —         | —      |
| Enteric Fever             | .. | .. | .. | 65    | 44    | 3        | —         | —         | —      |
| Fibroid                   | .. | .. | .. | 284   | 261   | 10       | 11        | —         | 2      |
| Fractures                 | .. | .. | .. | 293   | 78    | 191      | 5         | 1         | 18     |
| Gangrene                  | .. | .. | .. | 33    | 11    | 9        | —         | —         | 13     |
| Gastro-Enteritis          | .. | .. | .. | 184   | 145   | 21       | —         | —         | 18     |
| Glaucoma                  | .. | .. | .. | 24    | 1     | 20       | 3         | —         | —      |
| Hernia                    | .. | .. | .. | 242   | 181   | 32       | 27        | —         | 2      |
| Hydrocoele                | .. | .. | .. | 38    | 33    | 1        | 4         | —         | —      |
| Jaundice                  | .. | .. | .. | 107   | 73    | 10       | 1         | —         | 23     |
| Marasmus                  | .. | .. | .. | 76    | 6     | 24       | 2         | —         | 44     |
| Menorrhagia               | .. | .. | .. | 60    | 29    | 28       | 3         | —         | —      |
| Nephritis                 | .. | .. | .. | 18    | 1     | 11       | 2         | —         | 4      |
| Neuritis                  | .. | .. | .. | 10    | —     | 7        | 3         | —         | —      |
| Orchitis                  | .. | .. | .. | 16    | 12    | 4        | —         | —         | —      |



APPENDIX XV.—*Continued*

## BARBADOS.

LIST OF OPERATIONS PERFORMED AT THE BARBADOS GENERAL  
HOSPITAL FOR THE YEAR 1949

| Diseases          |    |    | Cases | Cured | Relieved | No result | Incurable | Deaths |
|-------------------|----|----|-------|-------|----------|-----------|-----------|--------|
| Osteomyelitis     | .. | .. | 46    | 18    | 22       | 5         | —         | 1      |
| Pelvis Cellulitis | .. | .. | 6     | —     | 6        | —         | —         | —      |
| Peritonitis       | .. | .. | 21    | 8     | 2        | 3         | —         | 8      |
| Pleurisy          | .. | .. | 17    | 10    | 7        | —         | —         | —      |
| Pneumonia         | .. | .. | 259   | 160   | 35       | 2         | —         | 62     |
| Poisoning         | .. | .. | 22    | 20    | 2        | —         | —         | —      |
| Salpingitis       | .. | .. | 32    | 28    | 4        | —         | —         | —      |
| Septicaemia       | .. | .. | —     | —     | —        | —         | —         | —      |
| Syphilis          | .. | .. | 143   | 5     | 112      | 32        | —         | 3      |
| Tetanus           | .. | .. | 84    | 53    | —        | —         | —         | 31     |
| Tonsillitis       | .. | .. | 196   | 171   | 20       | 5         | —         | —      |
| Toxaemia          | .. | .. | 109   | 79    | 28       | —         | —         | —      |
| Tuberculosis      | .. | .. | 30    | 1     | 4        | 18        | 1         | 6      |
| Tumours           | .. | .. | 2     | 1     | —        | 1         | —         | —      |
| Ulcers            | .. | .. | 121   | 39    | 73       | 9         | —         | —      |

## APPENDIX XVI

## BARBADOS.

LIST OF OPERATIONS PERFORMED AT THE BARBADOS GENERAL  
HOSPITAL FOR THE YEAR 1949*Major Operations*

|  | No. of Cases | Deaths   |
|--|--------------|----------|
| Antrostomy .. .. .   | 12           | —        |
| Amputations, Major .. .. .                                 | 30           | 11       |
| Appendicectomy .. .. .                                     | 640          | 6        |
| Appendix Abscess, drainage of .. .. .                      | 14           | —        |
| Caesarean Section .. .. .                                  | 21           | —        |
| Caesarean Hysterectomy .. .. .                             | 2            | —        |
| Caldwell—Luc .. .. .                                       | 11           | 1        |
| Cervical Glands, excision of .. .. .                       | 4            | 1        |
| Cholecystectomy .. .. .                                    | 10           | —        |
| Fractures, open reduction of .. .. .                       | 9            | —        |
| Gastric and Duodenal Ulcers, repair of perforation .. .. . | 9            | 3        |
| Gastrectomy, partial .. .. .                               | 3            | —        |
| Hernia, Epigastric or Ventral .. .. .                      | 14           | 1        |
| Hernia, Inguinal .. .. .                                   | 150          | 1        |
| Hernia, Strangulated .. .. .                               | 18           | 4        |
| Hernia, Umbilical .. .. .                                  | 17           | —        |
| Hydrocoele .. .. .   | 20           | —        |
| Hysterectomy, Total .. .. .                                | 21           | —        |
| Hysterectomy, Sub-total .. .. .                            | 248          | 2        |
| Hysterectomy, Wertheim's .. .. .                           | 6            | —        |
| Laparotomy .. .. .   | 46           | 16       |
| Mastectomy, local .. .. .                                  | 4            | —        |
| Mastectomy, radical .. .. .                                | 5            | —        |
| Myomectomy .. .. .   | 4            | —        |
| Nephrectomy .. .. .  | 4            | —        |
| Obstetrical Operations .. .. .                             | 19           | —        |
| Orchidectomy .. .. .                                       | 3            | —        |
| Osteomyelitis, operations for .. .. .                      | 8            | —        |
| Prostatectomy .. .. .                                      | 11           | —        |
| Skin Graft .. .. .   | 15           | —        |
| Supra-Pubic Cystostomy .. .. .                             | 28           | 3        |
| Tracheotomy .. .. .  | 3            | 1        |
| Thyroidectomy .. .. .                                      | 15           | 1        |
| Tonsils and Adenoids .. .. .                               | 211          | 1        |
| Uterine Adnexae, operations on .. .. .                     | 130          | 1        |
| Vagotomy and Gastro-enterostomy .. .. .                    | 4            | —        |
| Volvulus, reduction of .. .. .                             | 3            | 1        |
| Other major operations .. .. .                             | 18           | 4        |
| Minor operations .. .. .                                   | 850          | 7        |
| Minor E. N. T. operations .. .. .                          | 21           | —        |
|  | <hr/> 2,661  | <hr/> 65 |



## APPENDIX XVI.—Continued

## BARBADOS.

## THE CHIEF DISEASES TREATED AT THE BARBADOS GENERAL HOSPITAL DURING THE YEAR 1949

| <i>Eye Operations</i>                   | <i>No. of Cases</i> | <i>Deaths</i> |
|---|---------------------|---------------|
| Cataract .. .. .                        | 25                  | —             |
| Contracted socket, Deepening of .. .. . | 1                   | —             |
| Cyclodialysis .. .. .                   | 3                   | —             |
| Enucleation .. .. .                     | 15                  | —             |
| Evisceration .. .. .                    | 3                   | —             |
| Iridectomy .. .. .                      | 1                   | —             |
| Lachrymal Sac, excision of .. .. .      | 5                   | —             |
| Lids, suture of .. .. .                 | 4                   | —             |
| Needling .. .. .                        | 10                  | —             |
| Paracentesis .. .. .                    | 2                   | —             |
| Pterygium .. .. .                       | 1                   | —             |
| Other Operations .. .. .                | 9                   | —             |
|   | <hr/>               | <hr/>         |
|   | 79                  | —             |
|   | <hr/>               | <hr/>         |
| Polypus .. .. .                         | 14                  | —             |
| Salivary .. .. .                        | 150                 | —             |
| — .. .. .                               | 18                  | —             |
| Syphilis .. .. .                        | 17                  | —             |
| Tubercle .. .. .                        | 20                  | —             |
| Typhoid .. .. .                         | 21                  | —             |
| Typhus .. .. .                          | 24                  | —             |
| Typhus .. .. .                          | 8                   | —             |
| Typhus .. .. .                          | 18                  | —             |
| — .. .. .                               | 4                   | —             |
| — .. .. .                               | 3                   | —             |
| — .. .. .                               | 4                   | —             |
| — .. .. .                               | 4                   | —             |
| — .. .. .                               | 19                  | —             |
| — .. .. .                               | 3                   | —             |
| — .. .. .                               | 8                   | —             |
| — .. .. .                               | 11                  | —             |
| — .. .. .                               | 15                  | —             |
| — .. .. .                               | 28                  | —             |
| — .. .. .                               | 3                   | —             |
| — .. .. .                               | 1                   | —             |
| — .. .. .                               | 15                  | —             |
| — .. .. .                               | 211                 | —             |
| — .. .. .                               | 180                 | —             |
| — .. .. .                               | 4                   | —             |
| — .. .. .                               | 1                   | —             |
| — .. .. .                               | 3                   | —             |
| — .. .. .                               | 18                  | —             |
| — .. .. .                               | 7                   | —             |
| — .. .. .                               | 21                  | —             |
| — .. .. .                               | <hr/>               | <hr/>         |
| — .. .. .                               | 2,661               | —             |
| — .. .. .                               | <hr/>               | <hr/>         |

## APPENDIX XVII

## BARBADOS

BARBADOS GENERAL HOSPITAL, X-RAY EXAMINATIONS.  
1949—50.

|   |    |    |    |       |
|---|----|----|----|-------|
| No. of Cases from April, 1949, to March, 1950 | .. | .. | .. | 5,002 |
| No. of private cases                          | .. | .. | .. | 660   |
| No. of public cases                           | .. | .. | .. | 4,342 |
| No. of cases in Hospital                      | .. | .. | .. | 1,532 |
| No. of cases outside Hospital                 | .. | .. | .. | 3,470 |

## CLASSIFICATION

|                           |    |    |    |    |       |
|---------------------------|----|----|----|----|-------|
| X-Ray of Bones and Joints | .. | .. | .. | .. | 3,100 |
| Barium Meals              | .. | .. | .. | .. | 128   |
| Barium Enemas             | .. | .. | .. | .. | 22    |
| Urinary Tracts (Straight) | .. | .. | .. | .. | 40    |
| Intravenous Pyelography   | .. | .. | .. | .. | 40    |
| Retrograde Pyelography    | .. | .. | .. | .. | 1     |
| Gall Bladders (Straight)  | .. | .. | .. | .. | 54    |
| Cholecystography          | .. | .. | .. | .. | 48    |
| Lungs                     | .. | .. | .. | .. | 1,149 |
| Heart and Aorta           | .. | .. | .. | .. | 44    |
| Accessory Nasal Sinuses   | .. | .. | .. | .. | 44    |
| Abdomens (Straight)       | .. | .. | .. | .. | 63    |
| Pregnancies               | .. | .. | .. | .. | 130   |
| Foreign Bodies            | .. | .. | .. | .. | 122   |
| Dentals                   | .. | .. | .. | .. | 17    |

## X-RAY THERAPY DEPARTMENT

September 1949—March 1950

|  |    |    |    |     |
|--|----|----|----|-----|
| Total number of treatments                         | .. | .. | .. | 988 |
| Total number of Patients (of whom 47 were private) | .. | .. | .. | 94  |
| Inspections of Patients treated                    | .. | .. | .. | 181 |



## APPENDIX XVIII

## Statistics of the Mental Hospital from 1930-1949.

## TOTAL

| Year | Popula-<br>tion | First<br>Admis-<br>sions | Re-<br>Admis-<br>sions | Return-<br>ed from<br>leave | Admis-<br>sions | Deaths | Dis-<br>charges | Total<br>at end of<br>year | Diff. |
|------|-----------------|--------------------------|------------------------|-----------------------------|-----------------|--------|-----------------|----------------------------|-------|
| 1930 | 470             | 130                      | 14                     | 10                          | 154             | 63     | 54              | 504                        | 34    |
| 1931 | 504             | 119                      | 13                     | 12                          | 144             | 69     | 53              | 529                        | 25    |
| 1932 | 529             | 91                       | 17                     | 8                           | 116             | 78     | 49              | 519                        | 10    |
| 1933 | 519             | 105                      | 13                     | 4                           | 122             | 70     | 48              | 521                        | 2     |
| 1934 | 521             | 123                      | 11                     | 15                          | 149             | 48     | 72              | 549                        | 28    |
| 1935 | 549             | 115                      | 15                     | 8                           | 138             | 53     | 66              | 570                        | 21    |
| 1936 | 570             | 121                      | 11                     | 22                          | 154             | 76     | 74              | 575                        | 5     |
| 1937 | 575             | 126                      | 18                     | 17                          | 161             | 44     | 90              | 603                        | 28    |
| 1938 | 603             | 138                      | 18                     | 17                          | 173             | 63     | 85              | 629                        | 26    |
| 1939 | 629             | 148                      | 23                     | 12                          | 183             | 59     | 79              | 673                        | 44    |
| 1940 | 673             | 145                      | 22                     | 15                          | 182             | 54     | 84              | 714                        | 41    |
| 1941 | 714             | 138                      | 15                     | 13                          | 166             | 68     | 86              | 736                        | 22    |
| 1942 | 736             | 128                      | 21                     | 9                           | 158             | 78     | 81              | 735                        | 1     |
| 1943 | 735             | 121                      | 19                     | 20                          | 160             | 63     | 91              | 743                        | 8     |
| 1944 | 743             | 161                      | 17                     | 12                          | 190             | 71     | 103             | 758                        | 15    |
| 1945 | 758             | 132                      | 18                     | 25                          | 175             | 86     | 112             | 735                        | 23    |
| 1946 | 735             | 153                      | 27                     | 15                          | 195             | 99     | 74              | 756                        | 21    |
| 1947 | 756             | 140                      | 34                     | 11                          | 185             | 92     | 108             | 742                        | 14    |
| 1948 | 742             | 161                      | 35                     | 22                          | 218             | 82     | 122             | 756                        | 21    |
| 1949 | 756             | 180                      | 32                     | 16                          | 228             | 83     | 168             | 733                        | 23    |



## APPENDIX XIX

SUMMARY OF THE WORK DONE BY THE INSPECTING FIELD  
FORCE FOR THE YEAR 1949—50

Routine work carried out during the period under review included—

- (a) House inspection.
- (b) Mosquito survey work.
- (c) Quarantine and Port Sanitation.
- (d) Investigation of nuisances, complaints and cases of Infectious Diseases.

2. *House Inspections* Under this heading, apart from general house inspection is also included the inspection of Government Buildings and Institutions in the various parishes of the Island. Reviewing conditions encountered during the past year, it may be stated that in many phases improvements have been noted in this work, but in some cases the general aspect has remained much the same as it was five years ago. With respect to the latter statement reference is made particularly to the question of ultimate disposal of refuse which is still a problem to be dealt with satisfactorily. Better results could be obtained if stricter supervision was maintained to ensure the carrying out at all times of instruction given relative to more thorough means of disposal. Better types of sanitary conveniences are to be seen on many premises in the majority of parishes. Water closets and pit latrines in many instances have replaced pail closets and other conveniences formerly used on many premises. Model latrines supplied on loan to householders by the Government, have also done much to improve conditions. Greater efforts should be made to replace pit holes by much better types of sanitary arrangements. Fewer cases of indiscriminate dumping of excreta under fences etc. were noted on inspections during the year.

3. The incidence of fly breeding at certain periods of the year has remained high especially in the rural parishes. Having regard to the fact that these communities are mainly agricultural, it is still felt that in most cases better sanitary conditions could prevail.

4. Mosquito breeding in receptacles and other things on premises was subject to seasonal variations. During the rainy season both *Aedes* and *Culex* mosquitoes were found in containers, but in general the prevailing genus was the *Aedes*. More effective measures should be employed in order to reduce the *Aedes* index which is still comparatively high.

5. *Mosquito survey work*: Routine work was carried out regularly around water areas in the various parishes. On the average, work is done in four parishes monthly. With the exception of St. Michael it was observed that there has been a general slackening off of anti-mosquito work in the other parishes. No Anopheline mosquitoes were found breeding anywhere, but the prevailing genus was the *Culex*, infestation being greatest in the swamp lands of the Graeme Hall district in Christ Church.

6. *Quarantine and Port Sanitations*: Rat destruction work as a quarantine measure has been maintained along the port, foreshore and the immediate environs. Trapping and laying of poison baits were carried out by the rat destruction staff under the supervision of the sanitary inspector in charge. In collaboration with the Staff working under the Port Health Officer, fumigation work was also done on board vessels berthed in the inner basin of the carenage



whenever this was necessary. In keeping with the regulation made by the General Board of Health under section 4 of the Public Health Act 1908 (1908-9) disinsectisation work was carried out on all vessels coming from the neighbouring West Indian Islands before they were permitted to berth in the inner basin. This work also served as a control measure against the re-introduction of Anopheline mosquitoes into the colony via in-coming intercolonial Schooners and other craft.

#### 7. *Investigations of nuisances, complaints and cases of Infectious Diseases.*

Complaints relative to current and periodic statutory nuisances were investigated whenever these were reported to the department. The responsible parties were advised as to the most practicable and effective measures to be adopted to ensure abatement of same.

8. Field work in connection with the occurrence of cases of Infectious Diseases was also carried out where necessary on the instructions of the Chief Medical Officer.

9. Further details of the summary of work done by the inspecting Field Force are as follows:

##### (a) *Inspections*

|                       |        |
|-----------------------|--------|
| Houses inspected      | 19,061 |
| Water closets         | 1,104  |
| Pit closets           | 9,650  |
| Pail closets          | 1,907  |
| Pails or buckets      | 927    |
| Pit holes             | 4,381  |
| Privy middens         | 170    |
| Using in common       | 1,473  |
| Premises with animals | 7,784  |
| Urinals to stables    | 2,259  |
| Manure heaps          | 1,166  |
| Water receptacles     | 3,139  |
| Surface wells         | 332    |

##### (b) *Nuisances*

|   |     |
|---|-----|
| Full Pits   | 154 |
| Insanitary Pits                                     | 45  |
| Full and/or insanitary pails                        | 204 |
| Full and/insanitary pit holes                       | 74  |
| Insanitary privy middens                            | 3   |
| Premises without sanitary arrangements              | 84  |
| Premises with disused tins, bottles, etc.           | 820 |
| Structurally defective latrines                     | 192 |
| Manure heaps found breeding flies                   | 439 |
| Premises on which mosquitoes were found breeding    | 295 |
| Premises on which animals were kept contrary to law | 27  |

#### 10. *Rat Destruction.*

|   |        |
|---|--------|
| No. of poison baits laid                                    | 29,588 |
| No. of rats destroyed by traps, poison baits and fumigation | 4,426  |
| No. of mice destroyed by traps, poison baits and fumigation | 1,515  |

