BECHUANALAND PROTECTORATE.

MEDICAL AND SANITARY

REPORT

FOR THE YEAR 1962.

BECHUANALAND PROTECTORATE

ANNUAL MEDICAL

AND

SANITARY REPORT

FOR THE YEAR

1962

SECTION I: ADMINISTRATION

1. STAFF

	Director of Medical Services
	Deputy Director of Medical Services
1	Medical Officer of Health
1	Medical Officer of Health (C. D. & W.)
13	Medical Officers
1	Medical Officer (C. D. & W.)
1	Administrative Assistant
3	Health Inspectors
2	Field Officers
1	Matron
1	Sister Tutor
4	Sisters-in-Charge
10	Nursing Sisters
1	Nursing Sister (District)
1	Housekeeper
2	Clerks
1	Personal Assistant
1	Registry Clerk
2	Lady Clerks
1	Senior Sanitary Inspector
6	Health Assistants
10	Clerks
30	Dispensers
3	Microscopists
9	Sanitary Inspectors
1	Pupil Sanitary Inspector
5	Medical Orderlies
66	Staff Nurses
8	Male Nurses
1	Senior Male Attendant (Mental Home)
7	Male Attendants (Mental Home)
5	Female Attendants (Mental Home)
16	Motor Drivers
9	Lorry Labourers
11	Cooks
6	Gardeners
4	Storemen
4	Rodent Assistants
4	Messengers
5	Launderers
5	Field Assistants
8	Sanitary Labourers
49	Probationer Nurses (including Pupil Midwives)
15	Auxilliary Nurses
115	General Duty Assistants

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2. During the year Dr. J. Oliver was appointed Medical Officer of Health to replace the vacancy caused by the retirement of Dr. B. O. Wilkin, O.B.E.

3. MEDICAL OFFICERS: One Medical Officer resigned and three new Medical Officers joined the service during the year. The establishment is still three Medical Officers short in eighteen posts.

4. NURSING STAFF: Miss M. G. Barnes was promoted to Matron. Three African Staff Nurses were promoted to the post of Nursing Sister during the year and three European Nursing Sisters joined on contract. The Sister Tutor resigned and her duties have been taken over by one of the African Sisters.

Two African Staff Nurses were promoted to the post of Senior Staff Nurse to fill vacancies left by those promoted to Sisters posts.

5. A Sanitary Inspector was upgraded to the post of Senior Sanitary Inspector.

6. PROBATIONER NURSES: Owing to the difficulty experienced in finding suitably qualified local applicants for these posts the establishment was reduced to 49 and 15 new posts of Auxilliary Nurse were created.

7. VISITORS:

Dr. B. T. Squires	Human Nutrition Research Unit, London.
Mr. W. B. L. Monson	Colonial Office, London.
Mr. D. Smith	Hospital Department, Capetown.
Sir Peter Agnew	House of Commons, London.
Mr. A. Probert	House of Commons, London.
Mr. H. Clark	House of Commons, London.
Dr. J. Liston	Colonial Office, London.

It was a pleasure to welcome all these visitors to the territory and it was particularly appreciated that Dr. J. Liston, Medical Adviser to the Colonial Office, came on a visit. He made a short tour of the territory with the Director and gave valuable advice on a number of subjects.

SECTION II: PUBLIC HEALTH

8. STAFF

2	Medical Officers of Health
3	Health Inspectors
2	Field Officers
1	Senior Sanitary Inspector
2	Health Assistants
9	Sanitary Inspectors
4	Rodent Assistants
	Daily Paid Labourers

9. Owing to the shortage of Medical Officers the Medical Officer of Health divided his time between the hospital and his public health duties. The Medical Officer, Francistown, for the latter part of the year, acted as Medical Officer of Health, North.

10. FINANCE: The public Health Territorial Estimates 1962/63 were increased by R7,102 and a Colonial Development and Welfare Grant allowed some further development.

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		Actual Expen-diture 1960/61	Estimates 1961/62	Estimates 1962/63	Increase	Decrease
		R	R	R	R	R
(I)	PUBLIC HEALTH MEASURES:					
	(a) Insecticides R6,000					
	(b) Equipment R1,000					
	(c) Labour R4,000					
	(d) Vaccines R2,000	7,719	11,000	13,000	2,000	-
(II)	SANITATION:					
	(a) Materials R4,162					
	(b) Labour R5,000					
	(c) Incidentals R 200					
	(d) Construction R1,000	5,807	5,260	10,362	5,102	-
	TOTAL	R13,526	16,260	23,362	7,102	-

C. D. & W.

Capital	5,600
Recurrent	1,964
Other Charges ..	840
TOTAL	R8,404

Under "Capital" a small dispensary and two washing centres were were built at Peleng Village and storm water drainage was built and improvements made to the roads.

11. FOOD CONTROL at purveyors' premises was mainly exercised from three centres: Lobatsi, Francistown and Maun. Lobatsi was responsible for the south eastern area of the territory; Francistown for the north eastern area and Maun for the Ghanzi, Ngamiland and Chobe areas.

12. MEAT INSPECTION is now carried on mainly by the Veterinary Department, but this Department still does this work in two centres.

13. SALE OF MILK: Control is legalised by regulations under Chapter 129 of the Laws of Bechuanaland (1959) as an Agricultural Department function. The premises of food vendors and the solid or preserved stocks held in them received adequate attention from members of the Public Health section in Francistown, Lobatsi and Maun.

14. HOTELS: Restaurant premises and facilities for the sale of liquor at hotels continued to be inspected.

15. QUARANTINABLE DISEASES OF INTERNATIONAL SANITARY REGULATIONS:

PLAGUE: Continuous rodent surveys were carried out throughout the year in Ngamiland and the Southern Kalahari and intervening territory. The rodent population increased but the flea count remained low. As the hot weather set in dusting of all human habitations was undertaken in the area as a precautionary measure. No cases of rodent or human plague were reported. About November rodents started to die off and by the end of the year most of the colonies showed no activity whatever. Surveillance work continues. The department works in close liaison with the Public Health Department of the Republic of South Africa and surveillance reports are exchanged. In this way plague potential on our borders is known and, if necessary, swift combined action can be taken.

CHOLERA: No case of cholera occurred during 1962.

YELLOW FEVER: No case of Yellow Fever occurred during the year.

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SMALLPOX: During the year 5 cases of Smallpox were reported.

RELAPSING AND TYPHUS FEVERS: No cases were reported during 1962.

16. Other diseases of Public Health Interest:

POLIOMYELITIS: Oral vaccination against this disease was continued. 13 cases were reported during the year and 1,243 people were immunised.

CHICKEN POX: This disease was present throughout the year and 258 cases were reported.

CEREBRO-SPINAL MENINGITIS: Three cases were reported during the year with two deaths.

DIPHTHERIA: This disease was fairly widespread but no severe epidemic occurred. 48 cases were proven with 11 deaths. 4,338 people were protected against this disease during the year.

MEASLES: This disease was fairly widespread; 6,261 cases were reported with three deaths.

WHOOPING COUGH: 2,018 cases of whooping cough were reported with eight deaths. The disease was fairly widespread.

INFLUENZA: 3,961 cases of influenza were reported during the year.

TUBERCULOSIS: This remains one of the serious health problems in the territory. 3,303 cases were reported with 69 deaths. Beds available numbered 316. 1,071 patients, covering all types of tuberculosis, were admitted to hospital and of those, 962 were pulmonary tuberculosis. There were 11 deaths from other forms of tuberculosis. 823 cases were referred for out-patient treatment and there were 12,651 attendances for out-patient treatment. The Medical Officer of Health continues to control all tuberculosis work with the co-operation of all medical personnel in the territory.

Following the B.C.G. pilot scheme held in November/December 1961 in the Bobonong and Francistown areas, teams of locally trained personnel continue to work throughout the territory, and hospitals did some B.C.G. vaccinations furing the year. A two-man team carried out Mantoux testing and B.C.G. vaccination where necessary among school children in the eastern part of the territory. A total of 22,785 were tuberculin tested. Of these, 19,417 returned to have the test read. Of the 19,417, 38.7% showed evidence of prior infections, while the remaining 61.3% showed no evidence of prior infection and were inoculated with the B.C.G. vaccine. A higher infection rate was found in the North and in the South than in the central belt of the territory. This work is continuing. Over and above this the hospitals gave 1,240 B.C.G. vaccinations.

ANTHRAX AND RABIES: Two cases of anthrax were reported during the year and two fatal cases of human rabies occurred in the southern Kgalagadi district.

MALARIA: Owing to a dry summer, malaria was confined in the north and north west districts and very few cases were reported in the south and east of the territory. The World Health Organisation Malaria Survey Team completed its work in December and the report is awaited.

TRYPANOSOMIASIS: 121 cases of sleeping sickness were reported and seven deaths occurred.

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SECTION III: VITAL STATISTICS

TABLE I

17. POPULATION STATISTICS:

Europeans	3,174	*
Africans	292,755	≠
Asiatics	248	*
Coloured	676	*
TOTAL POPULATION	296,853	

* 1956 Census
≠ 1946 Census

EUROPEAN BIRTHS AND DEATHS:

Births	128
Births per 1000	40
Deaths over 1 year of age	20
Deaths under 1 year of age	2
Deaths per 1,000	4.1

(There is no compulsory registration of the births and deaths of Africans)

TABLE II

CAUSES OF EUROPEAN DEATHS:

Broncho-pneumonia	2
Coronary Thrombosis	2
Carcinoma	1
Cerebral Haemorrhage	1
Congestive Cardiac Failure	1
Diabetes mellitis with Influenza ..	1
Drowning	1
Fracture of Neck	1
Fracture of skull	2
Gunshot Wound	2
Heart Failure	2
Heart Failure (struck by lightning)..	1
Henochs Puepera	1
Hanging	1
Natural Causes	3
	22

TABLE III

18. SICKNESS AMONG GOVERNMENT OFFICIALS:

Abortion	2
Accidental Injury	47
Adenitis	1
Amoebic Dysentery	2
Arthritis	3
Anaemia	3
Appendicitis	15
/carried forward	73

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18. SICKNESS AMONG GOVERNMENT OFFICIALS (Contd.):

b/forward	73
Asthma	2
Bronchitis	8
Burns	1
Benign Tumours	3
Cellulitis	15
Chickenpox	2
Coronary Thrombosis	2
Conjunctivitis	1
Dental Cyst	1
Diabetes Mellitis	1
Duodenal Ulcer	2
Dysentery	1
Fibrositis	4
Gastric Enteritis	10
Genito-urinary	7
Gynaecological	4
Hallus Valgus	1
Hemiplegia	2
Headache	1
Hypertension	3
Hernia	2
Haemorrhoids	2
Influenza	38
Infective Hepatitis	2
Malaria	6
Measles	1
Mumps	1
Myocarditis	2
Otitis Media	1
Oedema	1
Pneumonia	6
Psychoneurosis	9
Pleurisy	1
Pterygium	2
Purpura	1
Respiratory Catarrh	16
Tonsillitis	5
Thrombo-phlebitis	1
Tapeworm	1
Tuberculosis (pulmonary)	1
Tuberculosis (non-pulmonary)	4
Varicose Veins	1
	248

SECTION IV - MATERNITY AND CHILD WELFARE:

19. 4,083 uncomplicated births were recorded in the various hospitals and health centres during the year. 561 complicated births and 221 cases of abortion or miscarriage were recorded. Ante-natal attendances numbered 28,542, an increase of 7,246 compared with 1961. Post-natal attendances numbered 602, a decrease of 841 compared with the previous year. Child welfare attendances increased by 1,902 from the previous year - 3,910 were recorded.

SECTION V - HOSPITALS AND DISPENSARIES:

20. OUT-PATIENTS: 316,661 out-patients were recorded of which 243,102 were first attendances. Other attendances for vaccination, inoculation, examination, etc. came to 73,189. The total attendance therefore came to 389,850.

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21. IN-PATIENTS: 21,730 patients were treated in hospital during the year. The number of beds available at the end of 1962 was 1,018, an increase of 87. The number of cots available was 295, an increase of 89. Beds and cots were distributed as follows:

	BEDS		COTS	
	Paying Patients	Free Patients	Paying Patients	Free Patients
FRANCISTOWN	14	124	5	48
GABERONES	-	47	-	7
GHANZI	4	32	1	2
KANYE (S.D.A.)	30	58	17	25
KASANE	-	21	-	-
KHALE (R.C.)	-	4	-	-
LOBATSI	15	100	5	25
LOBATSI MENTAL HOME	-	60	-	-
MADINARE (C. of E.)	36	-	13	-
MAHALAPYE	-	55	-	17
MAUN	4	71	2	9
MAUN MATERNITY CENTRE (L.M.S.)	-	16	-	10
MOCHUDI (D.R.C.)	47	23	11	2
MOCHUDI (Government)	-	8	-	2
MOLEPOLOLE (U.F.C.)	-	89	-	43
PILIKWE MATERNITY CENTRE	-	2	-	2
RAKOPS	-	8	-	4
RAMOUTSA (Lutheran Mission)	40	-	12	-
SEROWE	7	117	2	41
TSABONG	-	10	-	-
	197	845	68	227

Work has continued with Colonial Development and Welfare Funds on the new S.D.A. Hospital at Kanye.

22. HEALTH CENTRES AND DISPENSARIES: A dispensary was built at Gweta and resident dispensers and/or Staff Nurses are now established at the following centres:

GOOD HOPE
KALKFONTEIN (Closed temporarily)
KASANE
MACHANENG
MOTHOBODUKWANE (Closed temporarily)
NOKANENG
PALAPYE
PILIKWE
RAKOPS
SEFHOPE
SHAKAWE
SHOSHONG
TOTOME
TSABONG
TSAU

Dispensaries are established at the following centres and are visited by a Medical Officer or an African Dispenser:

ARTESIA
BOBONONG
BOKSPITS
DIKGATLONG
GABANE
GOMARE
KACHIKAU
KALAMARE
KARAKOBIS
KHUMUKWANE
KULI
MAKALAMABEDI
MAKINDA
MOMONO
MOENG
MOOKANE
NATA
NOJANE
PANDAMATENGA
SATAU
SEFHARE
SEHITWA
SEQUANI
SEPOPA
SERONGA
WERDA

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23. MISSION HOSPITALS: There are three Mission Hospitals at Kanye, Molepolole and Mochudi; a Maternity Centre at Maun and two Health Centres at Madinare and Ramoutsa. Mission dispensaries with resident dispensers or Nurses are established at the following places:

KHALE (R.C.)	THAMAGA (S.L.H.)
LETLHAKENG (S.L.H.)	TONOTA (Anglican)
MOSHUPA (S.D.A.)	TSHANE (S.D.A.)

RAMOUTSA (R.C.)

The following centres are visited periodically by Mission doctors or Sisters:

BOTLHAPATLOU	MMANKGODI
DIKAWANA	MAPOKAS
DUTLWE	MMATHETHE
HUKUNTSI	MOGEMANI
KAARTLWE	MOGOBANE
KAKIA	MOSHANENG
KHUDUMALAPYE	MOTOKWE
KOPONG	NGWARE
KUKONG	NTSWELATAU
LEHUTUTU	OOTSI
LEPHEPHE	RANAKA
LOKWABE	SALAJWE
MAHETLWE	SOJWE
MAGWERAPITSE	SERULI
MOLOJANE	TSETSENG
MANYANA	TAKATOKWANE

MAKALAMABEDI

The total number of Government and Mission Medical Centres, made up of hospitals, health centres and dispensaries has increased in the last year from 92 to 100.

24. Government subsidies are payable to Missions subject to their entering into an agreement on the following lines:

(a) The acceptance of the subsidy shall confer upon Government the right to inspect all hospitals and Mission centres and to obtain any return or report which the Director of Medical Services may from time to time require.

(b) The Mission shall be engaged in bona fide medical Mission work and offer medical facilities regardless of ability to pay to all seeking treatment.

(c) There shall be continuous superintendence by a registered medical practitioner or a full-time registered or certificated nurse will be provided.

(d) The Director of Medical Services may refuse to accept for subsidy purposes any staff (including Probationer Nurses) which he may consider excessive, it being understood that Probationer Nurses will not be subsidised except where in attendance at recognised training centres.

(e) A subsidy will only be payable in the case of a new or extended hospital, health centre or clinic provided the Director of Medical Services is satisfied that its establishment or extension in the area proposed is necessary.

The following subsidy rates apply:

Medical Officer	R940 p.a.
European registered nurse with General and Midwifery Certificates	214 p.a.
European registered nurse with Medical and Surgical Certificate	150 p.a.
European registered nurse with Midwifery Certificate	150 p.a.

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African doubly-certificated Executive Nursing Committee Nurse	R 50 p.a.
Probationer Nurse	24 p.a.
African registered Nurse holding both General and Midwifery Certificates	100 p.a.
African registered Midwife	70 p.a.
Annual per bed subsidy	20 p.a.
Out-patient grant at 5c per patient to a maximum of	300 p.a.

SECTION VI - GENERAL:

25. AFRICAN LABOUR RECRUITMENT: The total number of recruits examined and attested in the Territory was 29,952. The number of recruits airlifted to and from Barotseland, Nyasaland and Shakawe through Francistown was 107,093, which entailed flying 1,386,539 accident free air miles. 1,265 applicants were rejected for employment mainly because they were too young, of poor physique or suffered from chronic respiratory complaints.

26. MEDICAL EXAMINATION ON FIRST APPOINTMENT to Government Service totalled 244.

27. OPERATIONS: 854 major operations and 2,848 minor operations were performed during the year.

28. X-RAYS: 7,138 X-ray examinations were conducted.

29. OPHTHALMOLOGICAL CLINIC: The clinic continued to function at Serowe.

30. NURSING EXAMINATIONS: The results of the 1962 Nursing Examinations were as follows:

EXAMINATION	NUMBER OF CANDIDATES		NUMBER OF PASSES	
	June	November	June	November
High Commission Territories Nursing Council Preliminary - Medical and Surgical	8	8	1	5
High Commission Territories Nursing Council Final - Medical & Surgical	-	4	-	3
Bechuanaland Protectorate Executive Nursing Committee Preliminary - General Medical and Surgical	12	-	12	-
Bechuanaland Protectorate Executive Nursing Committee - Final General Medical and Surgical	1	16	1	16
Bechuanaland Protectorare Executive Nursing Committee - Midwifery ...	3	11	1	11

31. PRISONS: At the Central Prison at Gaberones the work rooms have been kept busy making mail bags, clothing, tents, etc. Regular weekly prison inspections were carried out at all stations where a Medical Officer is available. Prisoner report sick to the dispensaries daily. 4,278 prisoners reported sick during the year. 56 were admitted to hospital and three died in hospital from various causes. The general health of the prisoners was good, however, and the proportion in hospital was less than 1%.

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32. CAPITAL WORKS: Under C. D. &.W. Scheme D.3067 work was completed on alterations and additions to wards at Serowe and Lobatsi Hospitals.

Under Scheme D.4639 work was completed on the following: extension to Mental Home, Lobatsi; conversion of house into laboratory, Maun; extension of Eurafrican ward, Francistown. Alterations and extensions at Francistown were completed as also was the kit-room and mortuary at Mahalapye. Alterations and extensions at Serowe were completed and equipped.

Three blocks of four pit latrines were erected for Lobatsi Township and Peleng Village and storm water drainage in Peleng Village was undertaken.

33. WORLD HEALTH ORGANISATION: The W.H.O. Malaria Survey team completed its work in December and the report is now awaited.

34. FINANCE: The total revenue from Government hospitals, Health Centres and Dispensaries during 1962 amounted to R32,830.49. This is a decrease of R359.47 over 1961.

The total ordinary expenditure of the Department for the financial year ended 31st March, 1962, was as follows:

Personal Emoluments	R 267,243
Upkeep of Hospitals and Dispensaries	133,660
Maintenance of Lunatics	7,639
Pathological Investigations	3,836
Grants to Missions and Republic Hospitals	21,657
Public Health Measures	8,469
Sanitation	6,120
Office and Incidental Expenses .	1,278
Travelling and Transport	33,912
Vehicular	18,008
	R 501,818

The total ordinary revenue of the Bechuanaland Protectorate during the period 1962/63 was R3,304,490 and the proportion of ordinary medical expenditure to ordinary revenue of the Territory was 15.2%. The total ordinary expenditure of the Protectorate during the period 1962/63 was R6,133,476 and the proportion of ordinary medical expenditure of the Protectorate was just under 8.2%.

Once again it is my privilege to acknowledge the loyalty and devotion to duty of the staff of this Department and to thank all those who assisted the Department during the year.

W. R. GEMMELL
DIRECTOR OF MEDICAL SERVICES

MAFEKING.

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BECHUANALAND PROTECTORATE: RETURN OF DISEASES, INJURIES AND CAUSES OF DEATH FOR THE YEAR 1962

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in Hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
1. Tuberculosis of respiratory system	157	139	490	472	45	24	647	611	167	178	1613	1690
2. Tuberculosis of meninges and central nervous system	-	-	10	12	2	4	10	12	-	2	16	15
3. Tuberculosis of intestines, peritoneum and mesenteric glands	4	3	33	28	2	1	37	31	6	6	90	97
4. Tuberculosis of bones and joints	13	9	52	23	-	-	65	32	16	9	32	38
5. Tuberculosis, all other forms	7	3	16	25	2	-	23	28	5	1	141	211
6. Congenital syphilis	-	-	8	1	-	-	8	1	-	-	218	231
7. Early syphilis	1	-	4	1	-	-	5	1	-	-	431	629
8. Tabes dorsalis	-	-	-	-	-	-	-	-	-	-	-	5
9. General paralysis of insane	-	-	-	-	-	-	-	-	-	-	8	12
10. All other syphilis	-	1	9	17	1	2	9	18	-	1	1359	1450
11. Gonococcal infections	1	-	59	98	-	-	60	98	2	-	7876	9214
12. Typhoid fever	2	3	16	28	2	3	18	31	2	4	13	27
13. Paratyphoid fever and other salmonella infections	-	-	-	1	-	-	-	1	-	-	-	1
14. Cholera	-	-	-	-	-	-	-	-	-	-	-	-
15. Brucellosis (undulant fever)	-	-	-	-	-	-	-	-	-	-	1	-
16. (a) Bacillary dysentery	-	1	22	26	2	2	22	27	-	3	275	307
(b) Amoebiasis	-	1	21	29	2	2	21	30	-	-	38	24
(c) Other unspecified forms of dysentery	-	-	10	25	1	1	10	25	-	1	167	288
17. Scarlet fever	-	-	-	-	-	-	-	-	-	-	3	1
18. Streptococcal sore throat	1	-	33	43	-	1	34	43	1	-	1182	1813
19. Erysipelas	-	-	-	-	-	-	-	-	-	-	4	1
20. Septicaemia and pyaemia	1	-	4	1	2	-	5	1	-	-	1	5
21. Diphtheria	-	-	18	23	4	3	18	23	1	1	134	227
22. Whooping cough	-	1	62	61	4	4	62	62	2	6	942	1166
23. Meningococcal infections	-	-	2	1	2	-	2	1	1	-	2	-
24. Plague	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CARRIED FORWARD /	187	161	869	915	71	47	1056	1076	203	212	14546	17452

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in Hospital at end of 1961		Admission		Deaths		Total cases treated		Remaining in Hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	187	161	869	915	71	47	1056	1076	203	212	14546	17452
25. Leprosy	1	1	5	3	-	-	6	4	2	1	7	9
26. Tetanus	-	1	7	2	4	2	7	3	-	-	4	1
27. Anthrax	-	-	-	-	-	-	-	-	-	-	2	-
28. Acute poliomyelitis	-	-	2	2	-	1	2	2	-	-	8	5
29. Acute infectious encephalitis	-	-	3	1	1	-	3	1	-	-	1	-
30. Late effects of acute poliomyelitis and acute infectious encephalitis	1	-	3	1	-	-	4	1	-	-	3	5
31. Smallpox	-	-	2	1	-	-	2	1	-	-	2	3
32. Measles	3	2	237	299	9	6	240	301	4	5	3615	4195
33. Yellow fever	-	-	-	-	-	-	-	-	-	-	-	-
34. Infectious hepatitis	-	1	18	14	-	-	18	15	1	-	29	24
35. Rabies	-	-	-	-	-	-	-	-	-	-	-	-
36. (a) Louse-borne epidemic typhus	-	-	-	-	-	-	-	-	-	-	-	-
(b) Flea-borne epidemic typhus	-	-	-	-	-	-	-	-	-	-	-	-
(c) Tick-borne epidemic typhus	-	-	1	1	-	-	1	1	-	-	-	-
(d) Mite-borne typhus	-	-	-	-	-	-	-	-	-	-	-	-
(e) Other and unspecified typhus	-	-	2	-	-	-	2	-	-	-	2	-
37. (a) Vivax malaria (benign tertian)	-	-	1	-	-	-	1	-	-	-	4	3
(b) Malariae malaria (quartan)	-	-	7	3	-	-	7	3	-	-	-	-
(c) Falciparum malaria (malignant tertian)	1	1	74	60	2	3	75	61	1	2	1546	1447
(d) Blackwater fever	-	-	-	-	-	-	-	-	-	-	-	-
(e) Other and unspecified forms of malaria	-	-	16	33	-	-	16	33	-	-	160	126
38. (a) Schistosomiasis vesical (s. laematobium)	-	-	8	1	-	-	8	1	-	-	63	27
(b) Schistosomiasis intestinal (s. mansoni)	-	-	-	-	-	-	-	-	-	-	-	-
(c) Schistosomiasis pulmonary (s. japonicum)	-	-	-	-	-	-	-	-	-	-	-	-
(d) Other and unspecified schistosomiasis	-	-	1	-	-	-	1	-	-	-	-	-
39. Hydatid disease	-	-	-	-	-	-	-	-	-	-	-	-
40. (a) Onchocerciasis	-	-	-	-	-	-	-	-	-	-	-	-
(b) Loiasis	-	-	-	-	-	-	-	-	-	-	-	-
(c) Filariasis (bancrofti)	-	-	-	-	-	-	-	-	-	-	-	-
(d) Other filariasis	-	-	-	-	-	-	-	-	-	-	-	-
41. Ankylostomiasis	-	-	-	1	-	-	-	1	-	-	-	-
42. (a) Tapeworm infestation and other cestode infestation	-	-	2	10	-	-	2	10	-	-	365	365
(b) Ascariasis	-	-	3	2	-	-	3	2	-	-	140	135
(c) Guinea worm (dracunculosis)	-	-	-	-	-	-	-	-	-	-	-	-
(d) other disease due to helminths	-	-	-	2	-	-	-	2	-	-	41	34
43. (a) Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	1	4
(b) Granuloma inguinale, venereal	-	-	-	1	-	-	-	1	-	-	6	-
TOTAL CARRIED FORWARD /	193	167	1261	1352	87	59	1454	1519	211	220	20545	23835

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	193	167	1261	1352	87	59	1454	1519	211	220	20545	23835
(c) Other and unspecified venereal diseases	-	-	2	3	-	-	2	3	-	-	26	15
(d) Foodpoisoning infection and intoxication	-	-	5	6	2	2	5	6	-	-	7	9
(e) Relapsing fever	-	-	-	-	-	-	-	-	-	-	-	-
(f) Leptospirosis icterohaemorrhagica (Weils disease)	-	-	-	-	-	-	-	-	-	-	-	1
(g) Yaws	-	-	-	1	-	-	-	1	-	1	7	3
(h) Chickenpox	-	-	8	4	-	-	8	4	-	-	127	151
(i) Dengue	-	-	-	1	-	-	-	1	-	-	4	3
(j) Trachoma	-	1	6	8	-	-	6	9	-	-	62	114
(k) Sandfly	-	-	-	-	-	-	-	-	-	-	-	1
(l) Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-
(m) A. Trypanosomiasis gambiensis	-	-	-	-	-	-	-	-	-	-	-	-
B. Trypanosomiasis rhodesiensis	3	3	93	28	6	1	96	31	9	5	-	-
C. Other and unspecified trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-
(n) Dermatophytosis	-	-	1	1	-	-	1	1	1	-	102	108
(o) Scabies	-	-	2	5	-	-	2	5	-	1	137	151
(p) All other diseases classified as infective and parasitic	-	-	15	27	-	-	15	27	-	-	121	120
Malignant Neoplasm of Buccal cavity and pharynx	-	-	-	1	-	1	-	1	-	-	2	-
Malignant neoplasm of oesophagus	-	-	2	-	-	-	2	-	-	-	-	-
Malignant neoplasm of intestine, except rectum	-	-	2	4	2	1	2	4	-	-	-	4
Malignant neoplasm of stomach	-	-	6	-	2	-	6	-	-	-	4	3
Malignant neoplasm of rectum	-	-	1	3	-	1	1	3	-	-	1	-
Malignant neoplasm of larynx	-	-	-	-	-	-	-	-	-	-	-	-
Malignant neoplasm of trachea, and of bronchus and lung not specified as secondary	-	-	4	1	2	1	4	1	-	-	-	-
Malignant neoplasm of breast	-	-	-	4	-	1	-	4	-	-	-	3
Malignant neoplasm of cervix uteri	-	1	-	16	-	2	-	17	-	-	-	10
Malignant neoplasm of other and unspecified parts of uterus	-	-	-	6	-	2	-	6	-	-	-	3
Malignant neoplasm of prostate	-	-	7	-	-	-	7	-	-	-	1	-
Malignant neoplasm of skin	1	-	5	2	-	-	6	2	2	-	2	1
Malignant neoplasm of bone and connective tissue	-	-	3	4	1	-	3	4	-	-	1	4
Malignant neoplasm of all other and unspecified sites	2	1	16	7	6	-	18	8	1	-	9	8
Leukemia and aleukemia	-	-	-	1	-	-	-	1	-	-	-	-
TOTAL CARRIED FORWARD /	199	173	1439	1485	108	71	1638	1658	224	227	21158	24547

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in Hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	199	173	1439	1485	108	71	1638	1658	224	227	21158	24547
. Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	-	-	2	5	1	2	2	5	-	-	3	5
. Benign neoplasms and neoplasms of unspecified nature ...	3	6	38	103	1	2	41	109	-	4	95	244
. Nontoxic goitre	-	-	1	5	-	-	1	5	-	-	3	11
. Thytrotoxicosis with or without goitre	-	-	-	2	-	-	-	2	-	-	-	13
. Diabetes mellitus	-	-	4	6	1	2	4	6	-	-	6	3
. (a) Beriberi	-	-	4	11	-	-	4	11	-	-	29	52
(b) Pellagra	-	1	20	11	1	1	20	12	-	-	291	505
(c) Scurvy	-	-	15	50	-	-	15	50	1	1	321	583
(d) Other deficiency states	8	5	118	92	21	9	126	97	4	1	1484	2159
. (a) Pernicious and other hyper-chromic anaemias	-	-	1	1	1	-	1	1	-	-	5	13
(b) Iron deficiency anaemias (hypochromic)	-	-	4	8	-	-	4	8	1	-	59	172
(c) Other specified and unspecified anaemias	-	1	7	21	2	3	7	22	-	1	420	917
. (a) Asthma	1	1	31	58	2	-	32	59	1	-	653	774
(b) All other allergic disorder, endocrine, metabolic and blood diseases	-	2	19	23	-	1	19	25	1	-	471	622
. Psychoses	-	-	11	20	-	-	11	20	2	-	24	39
. Psychoneuroses and disorders of personality	27	10	32	36	2	-	59	46	31	15	89	154
. Mental deficiency	-	-	3	3	-	-	3	3	-	1	11	13
. Vascular lesions affecting central nervous system	-	-	26	9	10	2	26	9	1	-	21	14
. Nonmeningococcal meningitis	-	-	10	10	4	7	10	10	-	-	3	3
. Multiple sclerosis	-	-	-	-	-	-	-	-	-	-	-	-
. Epilepsy	1	1	22	21	-	-	23	22	1	1	87	78
. Inflammatory diseases of eye	1	-	83	58	-	-	84	58	-	-	4202	4761
. Cataract	2	4	33	41	-	-	35	45	1	4	75	94
. Glaucoma	-	1	9	12	-	-	9	13	-	-	15	14
. (a) Otitis externa	-	-	10	4	-	-	10	4	-	-	301	296
(b) Otitis media and mastoiditis	-	-	22	29	-	-	22	29	3	1	1027	1067
(c) Other inflammatory diseases of ear	-	1	1	2	-	-	1	3	-	-	260	389
. (a) All other diseases and conditions of eye	-	1	44	30	-	-	44	31	1	-	579	480
(b) All other diseases of the nervous system and sense organs	2	1	11	19	-	-	13	20	-	-	439	531
TOTAL CARRIED FORWARD /	244	208	2020	2175	154	100	2264	2383	272	256	32131	38553

DISEASES	IN-PATIENTS: Remaining in Hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1962		OUT-PATIENTS	
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	244	208	2020	2175	154	100	2264	2383	272	256	32131	38553
79. Rheumatic fever	-	1	5	21	-	1	5	22	1	1	21	40
80. Chronic rheumatic heart disease	-	1	35	13	6	2	35	14	-	-	29	38
81. Arteriosclerotic and degenerative heart disease	3	-	39	23	11	3	42	23	3	2	37	45
82. Other disease of heart	2	11	26	37	11	7	28	48	2	1	226	406
83. Hypertension with heart disease	-	-	15	10	3	-	15	10	2	-	53	45
84. Hypertension without mention of heart	-	-	3	8	-	-	3	8	-	1	76	100
85. Disease of arteries	-	-	2	2	1	-	2	2	-	-	8	5
86. Other diseases of circulatory system	1	1	75	56	7	2	76	57	1	1	191	198
87. Acute upper respiratory infections	1	3	148	144	6	5	149	147	5	1	8084	9140
88. Influenza	2	1	107	126	-	1	109	127	1	1	2663	2962
89. Lobar pneumonia	1	1	265	217	22	20	266	218	3	4	417	399
90. Bronchopneumonia	3	1	402	402	49	54	405	403	5	4	841	951
91. Primary atypical, other and unspecified pneumonia	2	1	35	42	3	3	37	43	-	-	217	219
92. Acute bronchitis	-	4	191	155	5	3	191	159	4	1	3737	4991
93. Bronchitis, chronic and unqualified	4	4	65	59	2	1	69	63	1	-	3267	3883
94. Hypertrophy of tonsils and adenoids	2	1	47	75	-	-	49	76	1	1	586	791
95. Empyema and abscess of lung	-	1	2	2	-	-	2	3	-	-	3	1
96. Pleurisy	-	-	16	16	--	1	16	16	1	1	43	33
97. (a) Pneumoconiosis	-	-	-	-	-	-	-	-	-	-	9	4
(b) All other respiratory diseases	2	2	19	8	2	-	21	10	-	-	574	519
98. (a) Dental caries	-	-	3	4	-	-	3	4	-	-	1234	1828
(b) All other diseases of teeth and supporting structures	-	-	17	21	2	1	17	21	-	-	463	540
99. Ulcer of stomach	-	-	5	7	-	-	5	7	-	-	40	54
100. Ulcer of duodenum	-	-	5	1	1	-	5	1	-	-	7	2
101. Gastritis and duodenitis	1	-	20	22	-	-	21	22	-	1	1060	1489
102. Appendicitis	1	1	34	22	2	1	35	23	-	-	24	37
103. Intestinal obstruction and hernia	3	1	37	22	5	5	40	23	-	-	114	60
104. Gastro-enteritis and colitis between 4 weeks and 2 years	1	2	257	200	31	33	258	202	7	2	5087	5170
(b) Gastro-enteritis and colitis, ages 2 years and over	2	-	232	274	22	17	234	274	6	7	3628	4044
(c) Chronic enteritis and ulcerative colitis	-	-	5	5	-	-	5	5	-	-	4	8
TOTAL CARRIED FORWARD /	275	245	4132	4169	345	260	4407	4414	315	285	64874	76555

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in Hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	275	245	4132	4169	345	260	4407	4414	315	285	64784	76555
105. Cirrhosis of liver	2	-	17	5	4	-	19	5	1	1	26	16
106. Cholelithiasis and cholecystitis	-	-	1	-	-	-	1	-	-	-	4	10
107. Other diseases of digestive system	3	2	99	113	7	7	102	115	1	2	6515	10453
108. Acute nephritis	-	-	9	10	-	2	9	10	-	-	16	10
109. Chronic, other and unspecified nephritis	1	1	12	10	2	2	13	11	-	-	134	60
110. Infections of kidney	-	1	9	22	-	-	9	23	-	-	264	268
111. Calculi of urinary system	-	-	3	-	-	-	3	-	-	-	7	1
112. Hyperplasia of prostate	-	-	14	-	-	-	14	-	-	-	11	-
113. Diseases of breast	-	1	2	44	-	-	2	45	-	2	4	397
114. (a) Hydrocele	-	-	30	-	1	-	30	-	1	-	72	-
(b) Disorders of menstruation	-	1	-	75	-	-	-	76	-	-	-	5060
(c) All other disease of the genito-urinary system	7	6	188	348	7	6	195	354	5	6	1959	3951
115. Sepsis of pregnancy, childbirth and the puerperium	-	-	-	24	-	7	-	24	-	1	-	16
116. Toxaemias of pregnancy and the puerperium	-	-	-	24	-	3	-	24	-	-	-	4
117. Haemorrhage of pregnancy and childbirth	-	1	-	56	-	1	-	57	-	3	-	44
118. Abortion without mention of sepsis or toxaemia	-	3	-	202	-	-	-	205	-	1	-	310
119. Abortion with sepsis	-	1	-	19	-	4	-	20	-	-	-	18
120. (a) Other complications of pregnancy, childbirth and puerperium	-	8	-	561	-	13	-	569	-	7	-	4761
(b) Delivery without complications	-	63	-	4083	-	-	-	4146	-	70	-	6164
121. Infections of skin and subcutaneous tissue	7	9	236	181	6	-	243	190	7	3	5254	5655
122. Arthritis and spondylitis	2	1	66	35	-	-	68	36	7	10	743	643
123. Muscular rheumatism and rheumatism, unspecified	2	-	83	43	-	-	85	43	4	2	7765	9019
124. Osteomyelitis and periostitis	4	-	30	21	-	-	34	21	4	1	39	38
125. Ankylosis and acquired musculoskeletal deformities	-	-	6	5	-	-	6	5	1	-	40	24
126. (a) Chronic ulcer of skin (including tropical ulcer)	-	-	13	2	-	-	13	2	-	-	133	201
(b) All other diseases of skin	-	-	33	31	-	-	33	31	2	1	2544	3063
(c) All other diseases of musculoskeletal system	1	-	46	29	-	-	47	29	1	-	1223	1025
127. Spina bifida and meningocele	-	-	3	1	1	1	3	1	1	-	212	137
128. Congenital malformations of circulatory system	-	-	2	-	1	-	2	-	1	-	3	2
TOTAL CARRIED FORWARD /	304	343	5034	10113	374	306	5338	10456	351	395	91842	127905

DISEASES	IN-PATIENTS										OUT-PATIENTS	
	Remaining in Hospital at end of 1961		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1962			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD /	304	343	5034	10113	374	306	5338	10456	351	395	91842	127905
129. All other congenital malformations	-	1	23	18	3	4	23	19	-	-	35	18
130. Birth injuries	-	-	11	5	6	5	11	5	-	-	3	3
131. Postnatal asphyxia and atelectasis	-	-	70	43	4	3	70	43	-	-	-	-
132. (a) Diarrhoea of newborn (under 4 weeks)	-	-	10	7	3	2	10	7	-	-	71	66
(b) Ophthalmia neonatorum	-	-	3	3	-	-	3	3	-	-	86	45
(c) Other infections of newborn	-	-	4	5	-	1	4	5	-	-	124	126
133. Haemolytic Disease of newborn	-	-	3	1	1	1	3	1	-	-	-	1
134. All other defined diseases of early infancy	7	7	485	517	3	2	492	524	7	13	182	176
135. Ill-defined diseases peculiar to early infancy and immaturity, unqualified	-	3	120	112	32	19	120	115	1	-	415	372
136. Senility without mention of psychosis	1	-	12	7	8	-	13	7	-	1	41	40
137. (a) Pyrexia of unknown origin	1	-	48	39	1	-	49	39	-	-	442	463
(b) Observation, without need for further medical care	24	16	814	1524	-	-	838	1540	16	24	1057	3907
(c) All other ill-defined causes of morbidity	-	4	16	369	2	-	16	373	1	2	2595	4803
ACCIDENTS, POISONINGS AND VIOLENCE (EXTERNAL CAUSE)												
138. Motor vehicle accidents	3	1	70	40	1	1	73	41	4	1	84	34
139. Other transport accidents	2	1	33	10	-	-	35	11	-	-	71	53
140. Accidental poisoning	-	-	24	18	1	3	24	18	-	-	34	22
141. Accidental falls	4	2	75	19	1	-	79	21	1	5	964	480
142. Accident caused by machinery	5	-	103	12	-	-	108	12	2	1	140	23
143. Accident caused by fire and explosion of combustible material	3	3	64	55	7	3	67	58	-	2	462	426
144. Accident caused by hot substance, corrosive liquid, steam and radiation	1	-	36	45	3	-	37	45	1	2	216	276
145. Accident caused by firearm	-	-	4	1	-	-	4	1	-	1	42	25
146. Accidental drowning and submersion	-	-	-	-	-	-	-	-	-	-	-	1
147. Foreign body entering eye and adnexa	-	1	14	5	-	-	14	6	-	2	98	45
Foreign body entering other orifice	-	-	21	11	-	-	21	11	-	-	186	149
Accidents caused by bites and stings of venomous animals and insects	6	2	51	44	2	1	57	46	-	-	277	238
Other accidents caused by animals	2	-	41	17	1	1	43	17	1	3	186	68
All other accidental causes	17	5	420	149	8	2	437	154	5	2	2081	851
148. Suicide and self inflicted injury	-	-	4	2	-	-	4	2	-	1	11	8
149. Homicide and injury purposely inflicted by other persons (not in war)	4	1	75	77	2	-	79	78	4	4	323	410
150. Injury resulting from operations of war	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	384	390	7688	13268	463	354	8072	13658	394	459	102068	141034