

Annual medical and sanitary report / Bechuanaland Protectorate.

Contributors

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BECHUANALAND



PROTECTORATE.



MEDICAL AND SANITARY

REPORT

FOR THE YEAR 1963.

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BECHUANALAND PROTECTORATE
ANNUAL MEDICAL
AND
SANITARY REPORT
FOR THE YEAR
1963

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	Senior Matron
3	Matrons
1	Sister Tutor
1	Sister-in-Charge
11	Nursing Sisters
1	Housekeeper
2	Accounts Assistants
1	Personal Assistant
2	Stenographers
1	Clerk
4	Senior Staff Nurses
5	Senior Medical Aides
42	Medical Aides
13	Clerks
66	Staff Nurses
6	Male Nurses
2	Senior Motor Drivers
2	Male Attendants (Mental Home)
17	Motor Drivers
1	Storeman
3	Medical Orderlies
32	Field Assistants
10	Mental Home Attendants
7	Lorry Labourers
11	Cooks
6	Gardeners
6	Messengers
5	Launderers
15	Nurse Aides
49	Student Nurses (including Pupil Midwives)
115	General Duty Assistants

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1. *Amphibia*
2. *Reptilia*
3. *Aves*
4. *Mammalia*
5. *Fish*
6. *Insecta*
7. *Arachnida*
8. *Crustacea*
9. *Protozoa*
10. *Botany*
11. *Zoology*
12. *Geology*
13. *Mineralogy*
14. *Physiology*
15. *Pathology*
16. *Pharmacology*
17. *Medicine*
18. *Surgery*
19. *Dentistry*
20. *Law*
21. *Theology*
22. *Philosophy*
23. *History*
24. *Literature*
25. *Art*
26. *Music*
27. *Drama*
28. *Science*
29. *Technology*
30. *Engineering*
31. *Architecture*
32. *Design*
33. *Education*
34. *Psychology*
35. *Sociology*
36. *Political Science*
37. *Economics*
38. *Business*
39. *Management*
40. *Health Sciences*
41. *Environmental Sciences*
42. *Interdisciplinary Studies*
43. *Liberal Arts*
44. *Professional Studies*
45. *Continuing Education*
46. *Distance Education*
47. *Online Learning*
48. *Open Education*
49. *Microlearning*
50. *Personal Learning*

2. During the year one of our own Medical Officers, Dr. C.F.Hansford was appointed Medical Officer of Health to replace the vacancy caused by the retirement of Dr. J.Oliver.
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 POSTS: The post of Matron was up-graded to Senior Matron and three posts of Sister-in-Charge were up-graded to Matron. The post of Sister Tutor was filled through the good offices of the Canadian Government, the establishment of Nursing Sisters' posts has been full throughout the year. The posts of Senior Staff Nurse have been filled throughout the year.
5. The posts of Senior Sanitary Inspector and Senior Health Assistant were changed to Senior Medical Aides, and increased from two to five. These posts were filled by promotion within the service. One Senior Medical Aide has been sent, by courtesy of the Canadian Government to study Laboratory Technology in Canada for two years.
6. PROBATIONER NURSES: Difficulty was again experienced in recruiting a sufficiency of local candidates for these posts. Of those recruited, one third had to give up training because of pregnancy.
7. NURSE AIDES: The establishment of Nurse Aides was filled and teaching was begun at the hospital in Serowe.
8. MEDICAL AIDES: The post embraces the old posts of Dispenser, Health Assistant, Microscopist, Sanitary Inspector and Senior Mental Attendants. The intention is to give training in two or more of the following subjects:- Nursing, Dispensing, Environmental sanitation, Microscopy with laboratory methods and simple radiography.

SECTION 11: PUBLIC HEALTH
STAFF

9.

2	Medical Officers of Health (one post vacant)
3	Health Inspectors
1	Stenographer
2	Field Officers
2	Senior Medical Aides
36	Field Assistants
	Daily Paid Labourers
10. FINANCE: The Public Health Territorial Estimates 1963/64 were decreased by R5842 and a Colonial Development and Welfare Grant allowed some further development.

		Actual Expen- diture 1961/62	Estimates 1962/63	Estimates 1963/64	Increase	Decrease
		R	R	R	R	R
<u>(1) PUBLIC HEALTH MEASURES</u>						
(a)	Insecticides R6,000					
(b)	Equipment R1,000					
(c)	Labour R4,000					
(d)	Vaccines R2,000					
(e)	Propoganda R 600					
		8,826	13,000	11,240	-	1,760
<u>(11) SANITATION</u>						
(a)	Materials R2,000					
(b)	Labour R3,080					
(c)	Incidentals R 200					
(d)	Construction R1,000	2,517	10,362	6,280	-	4,082
	TOTAL	R11,342	23,362	17,520	-	5,842

C. D. & W.

Capital	R9,693
Recurrent	R7,496
Other Charges ..	<u>R2,040</u>
TOTAL	<u>R19,229</u>

Included in the C. D. & W. money is R10,000 donated by the Committee of the Deferred Pay Interest Fund for extension of B.C.G. work in the Territory. The main items of expenditure under capital were completion of the dispensary at Peleng, two cess pit emptiers and two vehicles for the B.C.G. campaign.

A total of 1,746,000 gallons of effluent was removed during the year, earning R1,746 in revenue.

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, N'Gamiland 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.

TABLE 1. SUMMARY OF EXPENDITURES				
Item	1950-51	1951-52	1952-53	Total
(a) Salaries	12,000	11,000	11,000	34,000
(b) Salaries	12,000	11,000	11,000	34,000
(c) Salaries	12,000	11,000	11,000	34,000
(d) Salaries	12,000	11,000	11,000	34,000
(e) Salaries	12,000	11,000	11,000	34,000
(f) Salaries	12,000	11,000	11,000	34,000
(g) Salaries	12,000	11,000	11,000	34,000
(h) Salaries	12,000	11,000	11,000	34,000
(i) Salaries	12,000	11,000	11,000	34,000
(j) Salaries	12,000	11,000	11,000	34,000
(k) Salaries	12,000	11,000	11,000	34,000
(l) Salaries	12,000	11,000	11,000	34,000
(m) Salaries	12,000	11,000	11,000	34,000
(n) Salaries	12,000	11,000	11,000	34,000
(o) Salaries	12,000	11,000	11,000	34,000
(p) Salaries	12,000	11,000	11,000	34,000
(q) Salaries	12,000	11,000	11,000	34,000
(r) Salaries	12,000	11,000	11,000	34,000
(s) Salaries	12,000	11,000	11,000	34,000
(t) Salaries	12,000	11,000	11,000	34,000
(u) Salaries	12,000	11,000	11,000	34,000
(v) Salaries	12,000	11,000	11,000	34,000
(w) Salaries	12,000	11,000	11,000	34,000
(x) Salaries	12,000	11,000	11,000	34,000
(y) Salaries	12,000	11,000	11,000	34,000
(z) Salaries	12,000	11,000	11,000	34,000

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15. QUARANTINABLE DISEASES OF INTERNATIONAL SANITARY REGULATIONS:

PLAGUE: Continuous rodent surveys were carried out throughout the year in N'Gamiland and the Southern Kalahari and intervening territory. The rodent population decreased and 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. 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 1963.

YELLOW FEVER: No case of Yellow Fever occurred during the year; 5137 prophylactic injections were given.

SMALLPOX: During the year two unconfirmed cases of Smallpox were reported; and 48,675 people were vaccinated during the year.

RELAPSING AND TYPHUS FEVER: No cases were reported during the year 1963.

16. OTHER DISEASES OF PUBLIC HEALTH INTEREST:

POLIOMYELITIS: 3,216 doses of oral vaccination against this disease was given - one case was reported during the year and eleven cases of late effects were seen.

CHICKENPOX: This disease was present throughout the year and 716 cases were reported.

CEREBRO-SPINAL MENINGITIS: Eight cases were reported during the year with three deaths.

DIPHTHERIA: This disease was fairly widespread but no severe epidemic occurred. 33 cases were proven with 15 deaths. 49,993 injections against this disease were given during the year.

MEASLES: This disease was fairly widespread, 1,219 cases were reported with no deaths, no severe epidemic like last year occurred, the drop in incidence was 5,042.

WHOOPING COUGH: 3,075 cases of whooping cough were reported with seven deaths. The disease was fairly widespread, but N'Gamiland had an epidemic: 781 cases were reported there. 14,252 prophylactic injections were given.

INFLUENZA: 5,557 cases of influenza were reported during the year, with two deaths.

TUBERCULOSIS: Patients suffering from all forms of tuberculosis seen at out-patient departments numbered 3040: of these 2162 suffered from pulmonary tuberculosis. 1182 patients suffering from all types of tuberculosis were admitted to hospitals and Health Centres, and of these 971 suffered from pulmonary infection. There were 74 deaths from pulmonary tuberculosis and eight deaths from all other forms of tuberculosis. There were 24,651 attendances for out-patient treatment compared with 12,651 last year. The Medical Officer of Health continues to control all tuberculosis work with the co-operation of all medical personnel in the territory. The B.C.G. team continued in a small way to vaccinate against tuberculosis and some of the hospitals gave B.C.G. vaccine to new born babies and others. 1,429 children were Mantoux tested and 3,413 people of all ages were given B.C.G.

16. OTHER DISEASES OF PUBLIC HEALTH INTEREST (cont.)

MALARIA: 1430 cases were reported of which 1,230 were from Maun and 108 from Francistown. Poor rains over most of the Territory reduced the amount of breeding, and only three cases were reported in the Southern division. Spraying of huts and Government Quarters was done at Molepolole and Gaberones in January, at Francistown in February, at Sehitwa on Lake N'Gami in October, and Government Quarters were sprayed at Machaneng in November. 5318 huts and 260 Government Quarters were sprayed. In the past, malaria control at Maun has been mainly larval control by the use of malariol all the year round. During the winter last year it was found that there was no mosquito breeding during the Winter months, and the river spraying was discontinued until October. In October the following mosquitos were found in Maun Village:

A. Coustani
A. Squamosus
A. Distinctus
A. Gambia
A. Rufipes
A. Pharoensis

A. Gambia, the only one of these being normally important as a malaria carrier, was only found in limited numbers in an uncontrolled river three miles south of Maun. Larval control was supported by spraying the huts with residual insecticides. At Francistown A. Pretoriensis and A. Gambia were identified in November. In the Southern division, in spite of good early rains little breeding occurred from October - December, and larvae were difficult to find. A. Rufopes, A. Squamous, A. Coustani and A. Gambia were identified. A. Gambia was found at Sequani only. The others were widely distributed.

ANTHRAX AND RABIES: No cases of anthrax were reported during the year and no cases of human rabies occurred.

TRYPANOSOMIASIS: 85 cases of sleeping sickness were reported and nine deaths occurred.

SECTION 111: VITAL STATISTICS

TABLE 1

17. POPULATION STATISTICS:

Europeans		3,174
Africans (estimated)		450,000
Asiatics		248
Coloured		676
TOTAL POPULATION (Estimated)		<u>454,098</u>
1956 Census		

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

The following is a list of the lands which have been surveyed and reported on by the Surveyors-General of the several Territories, and the Surveyors-General of the Department of the Interior, during the year ending June 30, 1890. The lands are classified according to the nature of the survey, and the results of the same are given in the following table.

- 1. Lands surveyed by the Surveyors-General of the several Territories.
- 2. Lands surveyed by the Surveyors-General of the Department of the Interior.
- 3. Lands surveyed by the Surveyors-General of the Department of the Interior, and the Surveyors-General of the several Territories.
- 4. Lands surveyed by the Surveyors-General of the Department of the Interior, and the Surveyors-General of the several Territories, and the Surveyors-General of the Department of the Interior.

The following is a list of the lands which have been surveyed and reported on by the Surveyors-General of the several Territories, and the Surveyors-General of the Department of the Interior, during the year ending June 30, 1890. The lands are classified according to the nature of the survey, and the results of the same are given in the following table.

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LANDS SURVEYED BY THE SURVEYORS-GENERAL OF THE SEVERAL TERRITORIES

Territory		Acres
Alaska	Surveyed	1,175
Arizona	Surveyed	420,000
California	Surveyed	140
Colorado	Surveyed	675
Idaho	Surveyed	401,000
Montana	Surveyed	1,175
Nebraska	Surveyed	1,175
Nevada	Surveyed	1,175
New Mexico	Surveyed	1,175
North Dakota	Surveyed	1,175
South Dakota	Surveyed	1,175
Texas	Surveyed	1,175
Utah	Surveyed	1,175
Wyoming	Surveyed	1,175

SECTION 111 : VITAL STATISTICS (cont.)

EUROPEAN BIRTHS AND DEATHS

Births	126
Births per 1000	39.7
Deaths over 1 year of age	16
Deaths under 1 year of age	2
Deaths per 1,000	5.6

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

TABLE 11

CAUSES OF EUROPEAN DEATHS:

Atelectasis	1
Bronchiectasis	1
Bronchopneumonia	1
Carcinoma	2
Cardiac failure	4
Cerebral Haemorrhage with Hemiplegia	1
Coronary Thrombosis	3
Fracture of Cervical Vertebrae	1
Gunshot Wounds	1
Not stated	2
Tuberculosis of Lungs	1

TABLE 111

18. SICKNESS AMONG GOVERNMENT OFFICIALS:

Adenitis	2
Amoebiasis	1
Appendicitis	17
Arthritis	4
Asthma	1
Bronchitis	11
Burns	1
Carcinoma	1
Cataract (Traumatic)	1
Cellulitis	9
Cerebral Arteritis	1
Cervical Rib	1
Chickenpox	1
Cholecystitis	1
Conjunctivitis	6
Corneal Ulcer	1
Coronary Thrombosis	1
Dermatitis	3
Diabetes	1
Ganglion	1
Gastritis	5
Gastro-enteritis	12

SECTION III : FIELD INVESTIGATION

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SECTION III

SECTION III : FIELD INVESTIGATION

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SECTION III

SECTION III : FIELD INVESTIGATION

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SICKNESS AMONG GOVERNMENT OFFICIALS (cont.)

Genito Urinary Disorders	16
German Measles	2
Haemorrhoids	1
Herpes Zoster	1
Hydatid Cyst	1
Hypertension	6
Infective Hepatitis	2
Influenza	71
Inguinal Hernia	3
Injuries	47
Malaria	8
Meningitis	1
Mumps	4
Myositis	11
Neurasthenia	12
Otosclerosis	1
Palsy, facial	1
Pellagrinous Dementia	1
Pleurisy	1
Pneumonia	5
P. U. O.	3
Pyloric Stenosis	1
Rheumatic Fever	2
Sleeping Sickness	1
Spastic Colon	1
Teno-synovitis	1
Thrombo-phlebitis	1
Tuberculosis	7
Ulcer - Duodenal	3
Upper Respiratory Infection	27
Urticaria	2

19. SECTION IV - MATERNITY AND CHILD WELFARE:

4,464 uncomplicated births were recorded in the various hospitals and health centres during the year. 329 complicated births and 236 cases of abortion or miscarriage were recorded. Ante-natal attendances numbered 26,183 a decrease of 2,359 compared with 1962. Post-natal attendances numbered 1,286 an increase of 684 compared with the previous year. Child welfare attendances increased by 979 from the previous year - 2,931 were recorded.

20. SECTION V - HOSPITALS AND DISPENSARIES:

OUT-PATIENTS: 435,178 out-patients were recorded of which 235,138 were first attendances. Other attendances for vaccination, inoculations against Yellow Fever, Poliomyelitis Typhoid, Diphtheria, and B. C. G. came to 55,906. The total attendances therefore came to 491,084

21. IN-PATIENTS: 19,204 patients were treated in hospital during the year. The number of beds available at the end of 1963 was 1,197 an increase of 179. The number of cots available was 332, an increase of 37. Beds and cots were distributed as follows:-

	<u>BEDS</u>		<u>COTS</u>	
	<u>Paying Patients</u>	<u>Free Patients</u>	<u>Paying Patients</u>	<u>Free Patients</u>
FRANCISTOWN	14	124	5	48
GABERONES	-	49	-	7
GHANZI	4	32	1	2
KANYE (S.D.A)	124	48	44	8
KASANE	-	21	-	2
KHALE (R.C.)	-	4	-	-
LOBATSI	15	100	5	25
LOBATSI MENTAL HOME	-	87	-	-
MADINARE (C. of E.)	35	-	13	-
MAHALAPYE	-	52	-	16
MAUN	4	71	2	9
MAUN MATERNITY CENTRE (L.M.S.)	-	16	-	12
MOCHUDI (D.R.C)	47	23	11	2
MOCHUDI (Government)	-	8	-	2
MOLEPOLOLE (U.F.C.)	-	124	-	43
PILIKWE MATERNITY CENTRE	-	2	-	2
RAKOPS	-	8	-	5
RAMOUTSA (Lutheran Mission)	40	-	12	-
SEROWE	5	122	5	43
THAMAGA	-	8	-	8
TSABONG	-	10	-	-
	288	909	98	234

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

22. HEALTH CENTRES AND DISPENSARIES: Resident Dispensers and/or Staff Nurses are now established at the following centres:

GOOD HOPE	PILIKWE
GWETA	RAKOPS
KALKFONTEIN (Closed temporarily)	SEFHOPE
KASANE	SHAKWE
MACHANENG	SHOSHONG
MOTHOLOLUKWANE	TOTOME
NOKANENG	TSABONG
PALAPYE	TSAU

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

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

21. MISSION HOSPITALS: There are three Mission Hospitals, at Kanye, Molepolole and Mochudi; a Maternity Centre at Maun and three Health Centres at Madinare, Ramoutsa, and Thamaga. 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	

24. Government continued to pay subsidies to Mission medical centres. Three medical missions have increased the size of their hospitals during the year. These hospitals each function in a large area of the Southern division, and have given very good service throughout the year.

SECTION VI - GENERAL:

25. MINE LABOUR RECRUITMENT: The total number of recruits examined and attested in the Territory was 18,850. The number of recruits airlifted to and from Barotseland, Nyasaland and Shakawe through Francistown was 97,950, which entailed flying 1,087,760 accident free air miles. 879 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 285.
27. OPERATIONS: 743 major operations and 3,885 minor operations were performed during the year.
28. X-RAYS: 6,813 X-ray examinations were conducted.
29. OPHTHALMOLOGICAL CLINIC: The clinic continued to function at Serowe.

30. NURSING EXAMINATIONS: The results of the 1963 Nursing Examinations were as follows:

<u>EXAMINATION.</u>	<u>NUMBER OF CANDIDATES</u>		<u>NUMBER OF PASSES</u>	
	June	November	June	November
High Commission Territories Nursing Council Final Medical & Surgical	4	4	2	3
High Commission Territories Nursing Council Preliminary Medical - Surgical	5	12	4	6
High Commission Territories Nursing Council - Midwifery	-	2	-	2
Bechuanaland Executive Nursing Committee Preliminary - General Medical and Surgical	10	1	7	1
Bechuanaland Executive Nursing Committee - Final General Medical and Surgical	7	8	4	8
Bechuanaland Executive Nursing Committee - Midwifery	-	11	-	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. Prisoners report sick to the dispensaries daily. 3,525 prisoners reported sick during the year, and 66 were admitted to hospital. The general health of the prisoners was good, however, and the proportion in hospital was less than 1%.
32. CAPITAL WORKS: Scheme D. 4639 The small dispensary at Peleng was completed. Two cess-pit emptiers were constructed. A public latrine block consisting of three lavatories and a urinal for males was built in Lobatsi.
34. FINANCE: The total revenue from Government Hospitals, Health Centres and Dispensaries during 1963 amounted to R32,241.15, R589.34 less than in 1962.

20. REMARKS: The results of the 1955 hearings
conducted were as follows:

NUMBER OF CASES	NUMBER OF COMPLAINANTS			REMARKS
	June	November	December	
7	2	4	4	High Commission Complaints During Council (1955) Period Surgical
6	4	12	2	High Commission Complaints During Council Period Medical - Surgical
3	-	2	-	High Commission Complaints During Council - Medical
1	7	1	10	Posthumous Complaints During Council - Medical General Medical and Surgical
6	4	6	7	Posthumous Complaints During Council - Medical Medical and Surgical
11	-	11	-	Posthumous Complaints During Council - Medical

21. REMARKS: At the Council Period at Debrecen the work room have been kept busy with many cases, including dental, etc.
During the Council Period at Debrecen, the work room have been kept busy with many cases, including dental, etc.
The 1955 Council Period at Debrecen was a very busy one for the work room. The work room have been kept busy with many cases, including dental, etc.
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34. FINANCE (Cont.) The total ordinary expenditure of the Department for the financial year ended 31st March, 1963, was as follows:-

	R
Personal Emoluments	267,243
Upkeep of Hospitals and Dispensaries	133,661
Maintenance of Lunatics	7,639
Pathological Investigations	3,837
Grants to Missions and Republic Hospitals	21,657
Public Health Measures	8,465
Sanitation	6,120
Office and Incidental Expenses	1,278
Travelling and Transport	33,912
Vehicular	18,008
	R <u>501,820</u>

The total ordinary revenue of Bechuanaland during the period 1963/64 was R17,885,057.85 and the proportion of ordinary medical expenditure to ordinary revenue of the Territory was 2.85%. The total ordinary expenditure of the Territory during the period 1963/1964 was R10,406,688.65 and the proportion of ordinary medical expenditure of Bechuanaland was just under 4.89%.

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.

34. SUMMARY (Cont.) The total ordinary expenditure of the Department for the financial year ended 31st March, 1955, was as follows:-

General Expenditure	287,342
Wages of Hospital and Ambulance	177,661
Salaries of Hospital	7,639
Medical Expenditure	3,837
Grants to Hospitals and Sanitary Hospitals	11,637
Public Health Expenditure	5,445
Sanitation	7,120
Office and incidental Expenses	1,735
Traveling and Transport	7,912
Telephone	15,000
Total	511,288

The total ordinary revenue of the Department during the period 1954-55 was £1,505,057.50 and the provision of ordinary revenue expenditure to ordinary revenue of the Department was £500,000. The total ordinary expenditure of the Department during the period 1954-55 was £511,288.07 and the provision of ordinary revenue expenditure of the Department was £500,000.00.

There is no provision for depreciation in the accounts and provision for depreciation of the assets of the Department and to check all those who submitted the Department during the period 1954-55.

J. A. GERRARD
DIRECTOR OF MEDICAL SERVICES

REVENUE

REGUAMLAND PROTECTORATE: RETURN OF DISEASES, INJURIES AND CAUSES OF DEATH FOR THE YEAR 1963

	D I S E A S E S		I N - P A T I E N T S								OUT- PATIENTS	
			Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963	
	M	F	M	F	M	F	M	F	M	F	M	F
1. Tuberculosis of respiratory system	167	178	465	506	53	21	632	684	224	185	1042	1060
2. Tuberculosis of meninges and central nervous system ..	-	2	7	9	1	1	7	11	-	-	11	14
3. Tuberculosis of intestines, peritoneum and mesenteric glands	6	6	24	41	-	-	30	47	2	8	107	120
4. Tuberculosis of bones and joints	16	9	45	44	-	5	61	53	21	15	219	215
5. Tuberculosis, all other forms	5	1	25	16	-	1	30	17	2	3	121	131
6. Congenital syphilis	-	-	3	7	-	-	5	7	-	-	127	201
7. Early syphilis	-	-	1	14	-	-	1	14	-	-	644	895
8. Late syphilis	-	-	-	-	-	-	-	-	-	-	2	9
9. General paralysis of insane	-	-	-	-	-	-	-	-	-	-	1	-
10. All other syphilis	-	1	3	19	-	-	3	20	-	-	1057	722
11. Gonococcal infections	2	4	82	122	-	1	84	122	5	5	1017	5912
12. Typhoid fever	-	-	15	21	-	-	17	25	1	-	3	2
13. Paratyphoid fever and other salmonella infections ..	-	-	2	1	-	-	2	1	-	-	-	-
14. Cholera	-	-	-	-	-	-	-	-	-	-	-	-
15. Brucellosis (Undulant fever)	-	-	5	5	2	-	5	5	-	-	-	-
(a) Bacillary dysentery	-	3	58	62	3	6	58	65	-	-	379	368
(b) Amoebic dysentery	-	-	18	9	1	-	18	9	-	-	17	-
(c) Other unspecified forms of dysentery	-	1	5	3	-	-	5	4	-	-	188	-
17. Scarlet fever	-	-	-	-	-	-	-	-	-	-	2	1
18. Streptococcal sore throat	1	-	43	58	-	-	44	55	-	-	1553	2739
19. Dyslipelias	-	-	-	1	-	-	-	1	-	-	-	1
20. Septicaemia and pyaemia	-	-	8	6	2	5	8	6	-	-	1	2
21. Diphtheria	1	1	21	12	11	4	22	13	-	-	9	21
22. Whooping cough	2	6	44	69	2	5	46	75	-	-	1441	1634
23. Meningococcal infections	1	-	5	3	2	1	6	3	-	-	-	-
24. Plague	-	-	-	-	-	-	-	-	-	-	-	-
25. Leprosy	2	1	10	8	1	-	12	9	-	-	9	5
26. Tetanus	-	-	11	5	4	3	11	5	-	-	3	-
27. Anthrax	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CARRIED FORWARD	205	213	905	1041	82	53	1110	1254	256	216	17107	14052

D I S E A S E S

28.	Acute poliomyelitis
29.	Acute infectious encephalitis
30.	Late effects of acute poliomyelitis and acute infectious encephalitis
31.	Smallpox
32.	Measles
33.	Yellow Fever
34.	Infectious hepatitis
35.	Rabies
36.	(a) Louse-borne epidemic typhus
	(b) Flea-borne epidemic typhus
	(c) Tick-borne epidemic typhus
	(d) Mite-borne typhus
	(e) Other and unspecified typhus
37.	(a) Virex malaria (benign tertian)
	(b) Malariae malaria (quartan)
	(c) Palciptara malaria (malignant tertian)
	(d) Blackwater fever
	(e) Other and unspecified forms of malaria
38.	(a) Schistosomiasis vesical (S. haematobium)
	(b) Schistosomiasis intestinal (S. mansoni)
	(c) Schistosomiasis pulmonary (S. japonicum)
	(d) Other and unspecified schistosomiasis
39.	Hyatid disease
40.	(a) Onchocerciasis
	(b) Loiasis
	(c) Filariasis (bancrofti)
	(d) Other filariasis
41.	Ancylostomiasis
42.	(a) Tapeworm infestation and other cestode infestation
	(b) Acerciasis
	(c) Guinea worm (draconculosis)
	(d) Other disease due to helminths
43.	(a) Typhlogranuloma venereum
	(b) Granuloma inguinale, venereal

TOTAL CARRIED FORWARD

I N - P A T I E N T S										OUT-PATIENTS	
Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963		M	F
M	F	M	F	M	F	M	F	M	F	M	F
205	213	905	1041	82	53	1110	1254	256	216	17107	14052
-	-	1	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	3	6	1	-	3	6	1	1	5	6
-	-	42	45	-	-	46	50	1	4	559	660
1	-	15	11	-	1	16	11	-	1	18	8
-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	1	-	-	1	1	-	-	11	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	5	2	-	-	5	2	-	-	9	5
-	-	1	-	-	-	1	-	-	-	-	-
1	2	89	71	3	7	90	73	1	3	688	177
-	-	1	-	-	-	1	-	-	-	34	36
-	-	10	5	-	-	10	5	-	-	136	68
-	-	1	-	-	-	1	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	2	2
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	2
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-
-	-	1	-	-	-	1	-	-	-	14	5
-	-	2	5	-	-	2	5	-	-	415	381
-	-	-	-	-	-	-	-	-	-	160	168
-	-	-	-	-	-	-	-	-	-	6	15
-	-	-	-	-	-	-	-	-	-	55	62
-	-	1	-	-	-	1	-	-	-	8	3
-	-	-	-	-	-	-	-	-	-	5	5
211	220	1078	1196	86	61	1289	1416	259	225	19256	15640

D I S E A S E S

D I S E A S E S												
I N - P A T I E N T S												
	Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963		OUT- PATIENTS	
	M	F	M	F	M	F	M	F	M	F	M	F
43. BROUGHT FORWARD	211	220	1078	1196	86	61	1289	1416	259	225	19256	15640
(c) Other and unspecified venereal diseases	-	-	2	2	-	-	2	2	-	-	242	387
(d) Food poisoning infection and intoxication	-	-	7	8	-	1	7	8	-	-	3	1
(e) Relapsing fever	-	-	-	1	-	-	-	1	-	-	-	-
(f) Leptospirosis icterohaemorrhagica (Weil's disease)	-	1	-	-	-	1	1	1	-	-	-	-
(g) Yaws	-	-	1	-	-	-	1	1	-	-	4	5
(h) Chicken-pox	-	-	2	8	-	-	2	8	-	-	313	403
(i) Dengue	-	-	-	-	-	-	-	-	-	-	-	-
(j) Trachoma	-	-	7	17	-	-	7	17	1	-	94	134
(k) Sandfly fever	-	-	-	-	-	-	-	-	-	-	-	-
(l) Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-
(m) A. Trypanosomiasis gambiensi	-	-	-	-	-	-	-	-	-	-	-	-
B. Trypanosomiasis rhodesiensi	9	5	58	27	5	4	67	32	2	2	-	-
C. Other and unspecified trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-
(n) Dermatophytosis	1	1	1	1	-	-	2	2	-	-	114	136
(o) Scabies	-	-	-	-	-	-	-	-	-	-	135	177
(p) All other diseases classified as infective and parasitic	-	-	5	5	-	-	5	5	-	-	269	288
44. Malignant neoplasm of buccal cavity and pharynx	-	-	-	-	-	-	-	-	-	-	4	3
45. Malignant neoplasm of oesophagus	-	-	-	-	-	-	-	-	-	-	-	-
46. Malignant neoplasm of stomach	-	-	6	-	4	-	6	-	-	-	2	-
47. Malignant neoplasm of intestine, except rectum	-	-	-	2	-	-	-	2	-	-	1	-
48. Malignant neoplasm of rectum	-	-	1	1	1	-	1	1	-	-	-	-
49. Malignant neoplasm of larynx	-	-	1	-	-	-	-	-	-	-	-	-
50. Malignant neoplasm of trachea, and of bronchus and lung not specified as secondary	-	-	1	-	-	-	1	-	1	-	1	-
51. Malignant neoplasm of breast	-	-	-	7	-	-	-	7	-	-	-	11
52. Malignant neoplasm of cervix uteri	-	-	-	15	-	1	-	15	-	-	-	8
53. Malignant neoplasm of other and unspecified parts of uterus	-	-	-	3	-	-	-	3	-	-	-	5
54. Malignant neoplasm of prostate	-	-	-	-	-	-	-	-	-	-	-	-
55. Malignant neoplasm of skin	2	-	4	2	1	-	6	2	-	-	4	1
56. Malignant neoplasm of bone and connective tissue	-	-	2	-	1	-	2	-	-	-	5	3
57. Malignant neoplasm of all other and unspecified sites	1	-	14	15	3	5	15	15	2	-	9	17
58. Leukemia and aleukemia	-	-	-	1	-	-	-	1	-	-	-	-
TOTAL CARRIED FORWARD	224	227	1189	1311	101	73	1413	1538	265	227	20457	17219

D I S E A S E S

	I N - P A T I E N T S												OUT- PATIENTS	
	Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963					
	M	F	M	F	M	F	M	F	M	F	M	F		
59. Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	224	227	1189	1311	101	73	1413	1538	265	227	20457	17219		
60. Benign neoplasms and neoplasms of unspecified nature	-	4	3	4	1	-	3	4	5	6	115	1		
61. Nontoxic goitre	-	-	47	150	-	-	47	154	-	-	5	271		
62. Myxomatosis with or without goitre	-	-	-	1	-	-	-	1	-	-	3	8		
63. Diabetes mellitus	-	-	5	5	1	-	5	5	-	2	5	14		
64. (a) Beriberi	-	-	3	3	-	-	3	3	-	-	-	-		
(b) Pellagra	-	-	12	11	1	-	12	11	1	1	222	438		
(c) Scurvy	1	1	10	28	-	-	11	29	-	-	411	510		
(d) Other deficiency states	4	1	117	84	12	12	121	85	6	6	1333	1806		
65. (a) Pernicious and other hyperchromic anaemias	-	-	1	-	1	-	1	-	-	-	6	7		
(b) Iron deficiency anaemias (hypochromic)	1	-	4	14	-	1	5	14	-	1	106	335		
(c) Other specified and unspecified anaemias	-	1	5	23	1	1	5	24	-	1	120	494		
66. (a) Asthma	1	-	24	57	3	3	25	57	-	2	721	864		
(b) All other allergic disorder, endocrine, metabolic and blood diseases	1	-	39	19	1	-	40	19	-	-	936	1055		
67. Psychoses	2	-	32	36	-	-	34	36	1	2	53	52		
68. Psychoneuroses and disorders of personality	31	15	61	29	1	-	92	44	63	26	124	172		
69. Mental deficiency	-	1	4	1	-	-	4	2	-	-	19	13		
70. Vascular lesions affecting central nervous system	1	-	15	13	7	1	16	13	-	1	22	42		
71. Nonmeningococcal meningitis	-	-	7	4	5	-	7	4	-	-	1	2		
72. Multiple sclerosis	-	-	-	-	-	-	-	-	-	-	-	-		
73. Epilepsy	1	1	16	15	1	-	17	16	1	-	102	82		
74. Inflammatory diseases of eye	-	-	66	63	-	-	66	63	2	-	4944	5430		
75. Cataract	1	4	26	31	-	-	27	35	2	1	98	86		
76. Glaucoma	-	-	4	6	-	-	4	6	-	-	16	32		
77. (a) Otitis externa	-	-	2	1	-	-	2	1	-	1	327	342		
(b) Otitis media and mastoiditis	3	1	21	24	1	1	24	25	-	2	977	1072		
(c) Other inflammatory diseases of ear	-	-	4	14	-	-	4	14	-	-	528	568		
78. (a) All other diseases and conditions of eye	1	-	31	29	-	-	32	29	1	-	592	596		
(b) All other diseases of the nervous system and sense organs	-	-	20	7	1	1	20	7	4	1	694	711		
TOTAL CARRIED FORWARD	272	256	1768	1984	159	93	2040	2240	351	281	32937	32237		

D I S E A S E S	I N - P A T I E N T S										OUT- PATIENTS	
	Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD	272	256	1768	1984	159	93	2040	2240	351	281	32937	32237
79. Rheumatic fever	1	1	16	24	-	1	17	25	5	2	21	37
80. Chronic rheumatic heart disease	-	-	21	24	5	6	21	24	3	4	23	37
81. Arteriosclerotic and degenerative heart disease	3	2	28	19	8	3	31	21	2	-	49	39
82. Other disease of heart	2	1	46	63	12	7	48	64	1	5	331	563
83. Hypertension with heart disease	2	-	4	6	1	-	6	6	1	2	41	19
84. Hypertension without mention of heart	-	1	11	21	-	1	11	22	-	2	88	147
85. Diseases of arteries	-	-	2	-	-	-	2	-	-	1	11	10
86. Other diseases of circulatory system	1	1	36	22	2	2	37	23	3	-	164	216
87. Acute upper respiratory infections	5	1	86	105	1	2	91	106	4	4	7490	8648
88. Influenza	1	1	106	126	2	-	107	127	-	1	2717	2840
89. Lobar pneumonia	3	4	178	207	11	11	181	211	4	5	255	244
90. Bronchopneumonia	5	4	274	237	30	29	279	241	5	3	719	803
91. Primary atypical, other and unspecified pneumonia	-	-	52	64	5	9	52	64	2	-	213	192
92. Acute bronchitis	4	1	74	99	-	2	78	100	-	-	2969	3336
93. Bronchitis, chronic and unqualified	1	-	81	75	4	1	82	75	2	-	4198	4745
94. Hypertrophy of tonsils and adenoids	1	1	48	81	-	-	49	82	-	-	1266	1785
95. Empyema and abscess of lung	-	-	6	2	1	-	6	2	1	4	4	-
96. Pleurisy	1	1	19	14	-	-	20	15	3	-	79	53
97. (a) Pneumoconiosis	-	-	3	2	-	-	3	2	-	-	24	2
(b) All other respiratory diseases	-	-	3	5	-	-	3	5	1	-	2370	2434
(a) Dental caries	-	-	7	8	-	-	7	8	-	1	1620	2601
(b) All other diseases of teeth and supporting structures	-	-	15	9	-	-	15	9	1	1	385	514
99. Ulcer of stomach	-	-	6	3	-	-	6	3	-	1	51	44
100. Ulcer of duodenum	-	-	5	1	-	-	5	1	-	-	3	3
101. Gastritis and duodenitis	-	1	46	33	-	1	46	34	1	-	1107	1397
102. Appendicitis	-	-	36	45	2	-	36	45	-	-	36	42
103. Intestinal obstruction and hernia	-	-	52	5	6	1	52	5	1	-	129	73
104. (a) Gastro-enteritis and colitis between 4 wks. and 2 yrs	7	2	185	179	18	15	192	181	3	1	5539	5833
(b) Gastro-enteritis and colitis, ages 2 years and over	6	7	149	142	14	6	155	149	-	1	2240	2618
(c) Chronic enteritis and ulcerative colitis	-	-	2	4	-	-	2	4	-	-	25	26
TOTAL CARRIED FORWARD	315	285	3365	3609	281	190	3680	3894	394	319	67104	71538

D I S E A S E S	I N - P A T I E N T S										OUT- PATIENTS	
	Remaining in Hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in Hospital at end of 1963			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD	315	285	3365	3609	281	190	3680	3894	394	319	67104	71538
105. Cirrhosis of liver	1	1	7	12	3	2	8	13	1	-	31	11
106. Cholelithiasis and cholecystitis	-	-	3	8	2	-	3	8	-	2	5	8
107. Other diseases of digestive system	1	2	90	111	1	1	91	113	1	5	6671	9622
108. Acute nephritis	-	-	6	19	1	2	6	19	-	-	6	12
109. Chronic, other and unspecified nephritis	-	-	14	25	4	2	14	25	-	1	126	82
110. Infections of kidney	-	-	12	14	1	1	12	14	-	-	231	279
111. Calculi of urinary system	-	-	3	3	-	-	3	3	-	-	1	6
112. Hyperplasia of prostate	-	2	15	-	-	-	15	-	4	1	7	-
113. Diseases of breast	-	-	-	66	-	-	-	68	-	-	3	437
114. (a) Hydrocele	1	-	17	-	-	-	18	-	1	-	62	5989
115. (b) Disorders of menstruation	-	-	-	75	-	-	-	75	-	2	-	5010
116. (c) All other disease of the genito-urinary system	5	6	150	244	3	132	155	250	5	15	2307	33
117. Sepsis of pregnancy, childbirth and the puerperium	-	1	-	42	-	4	-	43	-	-	-	22
118. Toxaemias of pregnancy and the puerperium	-	-	-	56	-	1	-	56	-	-	-	33
119. Haemorrhage of pregnancy and childbirth	-	3	-	72	-	1	-	75	-	4	-	314
120. Abortion without mention of sepsis or toxæmia	-	1	-	236	-	1	-	237	-	4	-	9
121. Abortion with sepsis	-	-	-	35	-	1	-	35	-	-	-	-
122. (a) Other complications of pregnancy, childbirth and puerperium	-	7	-	480	-	15	-	487	-	13	-	4034
123. (b) Delivery without complications	-	70	-	4039	-	-	-	4109	-	60	-	3115
124. Infections of skin and subcutaneous tissue	7	3	260	208	1	1	267	211	18	8	5224	5024
125. Arthritis and spondylitis	7	10	39	38	-	-	46	48	1	5	572	740
126. Muscular rheumatism and rheumatism, unspecified	4	2	50	44	-	-	54	46	1	1	8212	10069
127. Osteomyelitis and periostitis	4	1	24	8	-	1	28	9	1	2	73	39
128. Ankylosis and acquired musculo-skeletal deformities	1	-	47	23	-	-	48	25	1	1	49	37
129. (a) Chronic ulcer of skin (including tropical ulcer) ..	-	1	11	8	-	-	11	8	1	1	279	292
130. (b) All other diseases of skin	-	1	28	13	-	-	30	14	1	1	3774	4830
131. (c) All other diseases of musculo-skeletal system	1	-	40	29	-	-	41	29	3	-	1863	1382
132. Spina Rarida and meningocele	1	-	5	1	-	-	6	1	-	-	3	1
133. Congenital malformations of circulatory system	1	-	2	4	-	1	3	4	-	-	20	17
TOTAL CARRIED FORWARD	351	395	4188	9522	301	356	4539	9917	422	445	96623	122991

D I S E A S E S	I N - F A T I E N T S										OUT- PATIENTS	
	Remaining in hospital at end of 1962		Admissions		Deaths		Total cases treated		Remaining in hospital at end of 1963			
	M	F	M	F	M	F	M	F	M	F	M	F
BROUGHT FORWARD	351	395	4188	9522	301	356	4539	9917	422	445	96623	122991
129. All other congenital malformations	-	-	12	12	1	2	12	12	1	-	34	22
130. Birth injuries	-	-	1	1	1	1	1	1	-	-	4	1
131. Postnatal asphyxia and atelectasis	-	-	6	2	4	1	6	2	-	-	-	-
132. (a) Diarrhoea of newborn (under four weeks)	-	-	2	6	-	1	2	6	-	-	-	-
132. (b) Ophthalmia neonatorum	-	-	6	7	-	-	6	7	-	-	-	-
132. (c) Other infections of newborn	-	-	1	1	-	-	1	1	-	-	-	-
133. Haemolytic disease of newborn	-	-	2	1	1	-	2	1	-	-	-	-
134. All other defined diseases of early infancy	7	13	4	1	4	5	11	14	-	1	189	210
135. Ill-defined diseases peculiar to early infancy and immaturity, unqualified	1	-	15	15	10	11	16	15	-	-	106	101
136. Senility without mention of psychosis	-	1	2	3	-	-	2	4	-	-	49	51
137. (a) Pyrexia of unknown origin	-	-	63	54	1	2	63	54	-	-	904	686
137. (b) Observation, without need for further medical care	16	24	1242	1712	-	-	1258	1736	15	21	1601	3345
137. (c) All other ill-defined causes of morbidity	1	2	47	69	2	12	48	71	5	4	2203	2359
ACCIDENTS, POISONINGS AND VIOLENCE (EXTERNAL CAUSE)	-	-	-	-	-	-	-	-	-	-	-	-
138. Motor vehicle accidents	4	1	29	22	1	2	33	23	-	-	72	27
139. Other transport accidents	-	-	35	9	2	-	35	9	3	2	268	98
140. Accidental poisoning	-	-	34	20	1	-	34	20	1	-	51	49
141. Accidental falls	1	5	104	33	1	-	105	38	2	3	842	462
142. Accident caused by machinery	2	1	29	5	-	-	31	6	1	-	182	37
143. Accident caused by fire and explosion of combustible material	-	2	66	53	5	6	66	55	6	2	655	623
144. Accident caused by hot substance, corrosive liquid, steam and radiation	1	2	44	57	-	3	45	59	3	-	340	329
145. Accident caused by firearm	-	1	10	1	-	-	10	2	-	-	5	2
146. Accidental drowning and submersion	-	-	2	-	-	-	2	-	-	-	-	-
147. Foreign body entering eye and adnexa	-	2	20	4	-	-	20	6	-	-	-	-
147. Foreign body entering other orifice	-	-	16	28	-	1	16	28	1	3	126	53
Accidents caused by bites and stings of venomous animals and insects	-	-	48	45	-	-	48	45	-	-	163	209
Other accidents caused by animals	1	3	64	13	-	-	65	16	-	-	286	214
All other accidental causes	5	2	299	103	1	1	304	105	4	2	268	98
148. Suicide and self inflicted injury	-	1	3	-	-	-	3	1	13	5	2883	1369
149. Homicide and injury purposely inflicted by other persons (not in war)	4	4	92	66	1	-	96	70	2	1	37	21
150. Injury resulting from operations of war	-	-	-	-	-	-	-	-	-	-	395	499
T O T A L	394	459	6486	11865	337	404	6880	12324	459	492	108444	133980

134	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1000	900	800	700	600	500	400	300	200	100	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	7500	7600	7700	7800	7900	8000	8100	8200	8300	8400	8500	8600	8700	8800	8900	9000	9100	9200	9300	9400	9500	9600	9700	9800	9900	10000														



