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REPUBLIC OF BOTSWANA

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PREFACE

I deem it an honour and a privilege to have the opportunity to write the preface to the 1983 Medical Statistics Report. In 1975 the Health Statistics Unit was set up and this is the eighth publication to be produced by this unit.

Throughout its existence the unit has had to face a lot of problems such as shortage of staff and lack of computer facilities which have hindered the provision of timely data to the users.

The Health Statistics Unit is attempting to provide data required to monitor and evaluate health programs. With Botswana's adoption of 'Health for all by the year 2 000', the report comprises some of the basic information needed to help health planners, administrators, and managers to carry out their day-to-day tasks.

The time has come for all those interested in the health and welfare of children and their mothers and of every Motswana to make use of this limited information to develop realistic plans and programs.

Although over 90% of our population have access to health care, more emphasis needs to be laid on the quality of care and services that still have a low coverage, e.g. institutional deliveries and deaths.

This report provides limited information on demographic data, health expenses, health facilities and personnel, statistics on out-patient, in-patient and mental health services.

This report includes minimal analysis of data. For additional interpretation, readers are referred to the annual report, Ministry of Health.


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June, 1985.

ACKNOWLEDGEMENTS

The Medical Statistics Report is produced under the supervision of the National Health Planning Unit. The unit staff have worked tirelessly in coding, tabulating, processing and analysing the results of this report. During the period a great many people participated in the report preparation. I would like to acknowledge some of the individuals without whose contribution this work would have not been completed.

I would like especially to express my gratitude to Mrs. A. Majelantle, the Assistant Statistician. She supervised and provided both logistical and moral support throughout the report preparation.

My special thanks to Mr. P. Kelekwang, the Statistical Officer, in devoting all his energies to providing us with tables on health expenses, facilities and personnel.

The unit is deeply indebted to the late Mr. M. Rayamajhi who worked closely with the regional staff introducing the new out-patient system. Thanks to Mrs. P. Mguni who played an instrumental role in processing of the data. I also would like to express our appreciation to Government Computer Bureau staff especially Mr. N. Shrestha for his guidance and advice in all programming work.

My thanks are extended to Mrs. F. Modisanyane, Mr. D. Maimela and Mrs. E. Seleke and the entire out-patient section staff. Their endurance and willingness to work had and tirelessly for the report was essential to its successful completion.

Mrs. H. Leshupi, Miss J. Phale, Miss G. Chibane and the entire in-patient section staff deserve my special thanks and gratitude for coding and checking in-patient data.

Special thanks are due to Mrs. G. Leseted for her continued interest and valuable comments on the demographic section.

I am proud of, and grateful to all those who contributed to the successful completion of this report in particular Mr. F. Modise the Government Statistician, Mr. S.S.G. Tumelo the Senior Planning Officer, for their valuable contribution in terms of support and encouragement. Special thanks to Miss P. Dipadi the Unit's typist, for her valuable contribution in typing our 1983 report.

Also special thanks to Miss M. Mapesa and Miss D. Motlapele for the continued support on our medical records system and for improving its standard.

My thanks are also extended to the regional health teams and the health staff in the facilities throughout the country for the provision of the raw data.



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HEALTH STATISTICIAN.

LIST OF CONTENTS

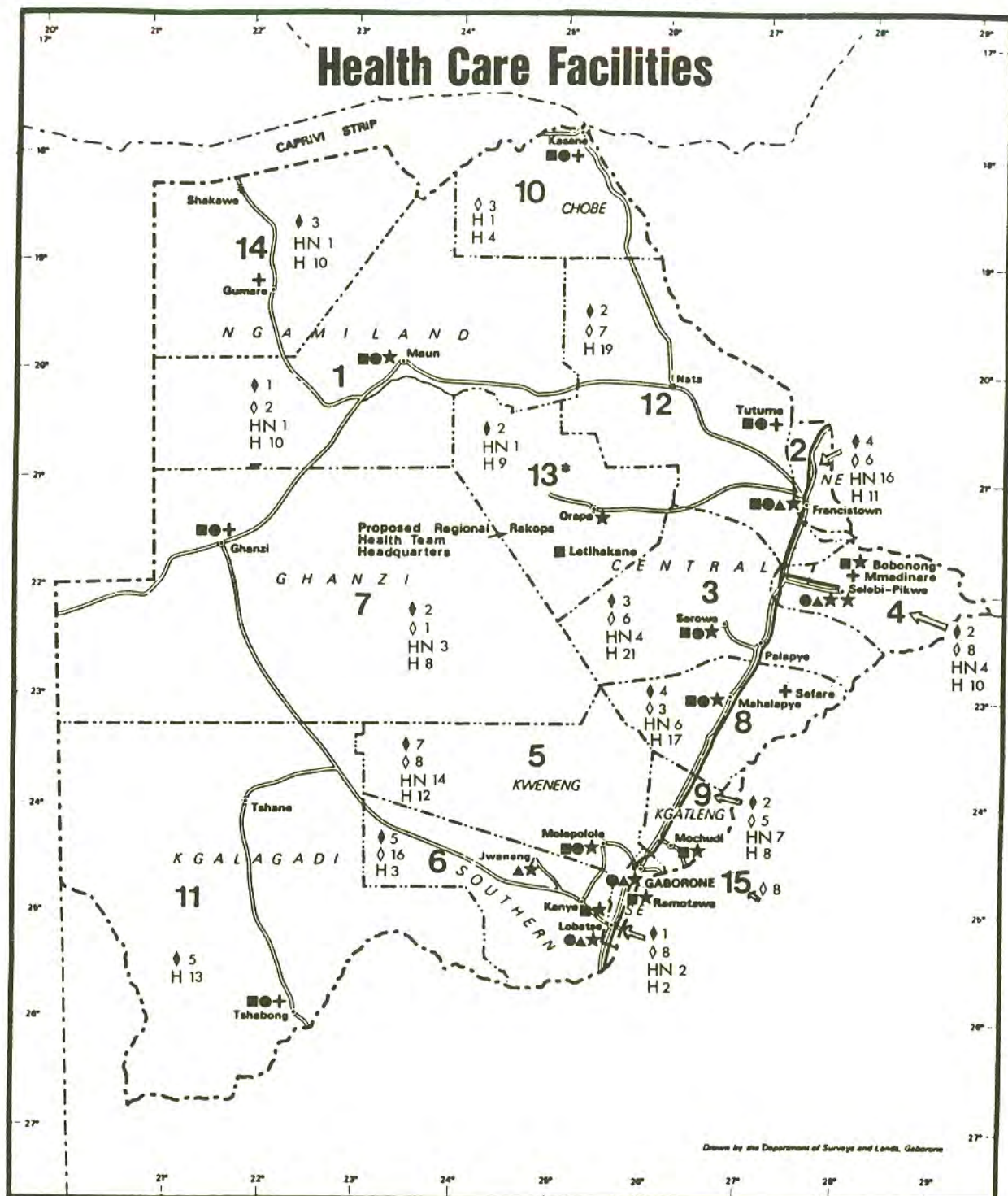
PREFACE	PAGE
ACKNOWLEDGEMENTS	i
LIST OF CONTENTS	ii
MAP OF BOTSWANA	iii
INTRODUCTION	v
SECTION 1: Population	1
1.1 Population by age and sex, 1982 and 1983	2
1.2 Population by medical region, 1982 and 1983	3
1.3 Population by urban and rural, 1982 and 1983	4
1.4 Vital Statistics	5
1.5 Non-institutional stillbirths notified by age of mother, sex of foetus and medical region, 1983	6
1.6 Non-institutional deaths by age, sex and medical region, 1983	7
1.7 Non-institutional livebirths notified by age of mother, sex of infant and medical region, 1983	8
1.8 Number of institutional and non-institutional, expected and percentage of deaths notified by medical region, 1983	9
1.9 Number of institutional and non-institutional, expected and percentage of livebirths notified by medical region, 1983	10
1.10 Non-institutional births by outcome of delivery, sex of infant and of mother, 1983	11
SECTION 2: HEALTH EXPENSES	12
2.1 Recurrent health expenses by government agency and fiscal year, 1979/80 - 1982/83	13
2.2 Development health expenses by government agency and fiscal year, 1979/80 - 1982/83	15
2.3 Recurrent health expenses of MOH by category and fiscal year, 1979/80 - 1982/83	16
2.4 Development health expenses of MOH by category and fiscal year, 1979/80 - 1982/83	17
SECTION 3: HEALTH FACILITIES AND HEALTH PERSONNEL	18
3.1 Health units by type, 1979 - 1983	19
3.2 Health units by location, type and ownership, 1983	22
3.3 Number of beds by speciality and health facilities, 1983	23
3.4 Health personnel by category - according to employer, 31.12.83	24
3.5 Health personnel by category - according to employment, 31.12.83	25
3.6 Health personnel by category - MOH Headquarters and its special units, 1983	26
3.7 Health personnel by administrative and medical region, 1983	28
3.8 Health personnel by category at National Health Institute, 1983	30
3.9 Health personnel by category in Training Institutions, 1983	33
3.10 Health Manpower training in Botswana, 1981 - 1983	34
3.11 Number of FWEs trained according to date of training, 1978 - 1983	35
3.12 Fellowships awarded in training abroad according to course and sponsoring agency, 1983	36
SECTION 4: OUT-PATIENT STATISTICS	37
4.1 Number of attendances by diagnosis and age for Botswana	38
4.2 Out-patient attendances by type, region and facility for Botswana July - December 1983	40
4.3 Number of out-patient (curative) attendances by type and place July - December 1983	43
4.4 Number of attendances by facility for Botswana July - December 1983	45
4.5 Number of attendances (curative) by type and region July-December 1983	46
4.6 Annual report of notifiable diseases by disease and region	47
4.7 Annual report of notifiable diseases by month and disease	48
4.8 Number of maternal and child health attendances by type and place July - December 1983	49
4.9 Number of maternal and child health attendances by type and facility July - December, 1983	50
4.10 Number of maternal and child health attendances by type and region July - December, 1983	51
4.11 Number of ante-natal care attendances by age and facility July - December 1983	52
4.12 Vaccinations reported by health region and type	53
	54

LIST OF CONTENTS (CONT.) -----

4.13	Number of family planning attendances by place and method July - December 1983	55
4.14	Number of family planning attendances by health facility July - December 1983	56
4.15	Number of family planning attendances by medical region and method July - December 1983	57
4.16	Number of ophthalmological out-patient by clinic and month 1983	58
4.17	Number of ophthalmological out-patient by cause and clinic 1983	59
4.18	Number of ophthalmological out-patient by cause and month 1983	62
4.19	Number of ophthalmological out-patient by cause, age and sex 1983	63
SECTION 5: IN-PATIENT STATISTICS		65
5.1	Number of beds, discharges, patient days, average, occupancy rate, average length of stay and bed turnover rate by facility	66
5.2	Major causes of morbidity (excluding deliveries): all ages and facilities combined. Pie chart for table 5.2	67
5.3	Major causes of mortality (excluding maternal causes, all ages and facilities combined. Pie chart for table 5.3	69
5.4	Major causes of morbidity under 1 year of age and all facilities combined. Pie chart for table 5.4	71
5.5	Major causes of mortality under 1 year of age and all facilities combined. Pie chart for table 5.5	73
5.6	Major causes of mortality under 5 years of age and all facilities combined. Pie chart for table 5.6	75
5.7	Major causes of morbidity under 5 years of age and all facilities combined. Pie chart for table 5.7	77
5.8	All discharges by cause (excluding deliveries), sex and age (years) all facilities combined	79
5.9	All deaths by cause (excluding maternal causes), sex and age (years) all facilities combined	94
5.10	All neonatal deaths by causes, sex and age (months) all facilities combined	103
5.11	All infant discharges by cause, sex and age (months) all facilities combined	105
5.12	All infants deaths by cause, sex and age (months) all facilities combined	109
5.13	All births by mode of delivery and age of mother - all facilities combined	111
5.14	All births by type of facility and month - all facilities combined	112
5.15	All births by place of delivery, age of mother and sex of infant and outcome of delivery: all facilities combined	113
5.16	All births by place of delivery, age of mother and sex of infant and number of births: all facilities combined	114
5.17	All deliveries by place, age of mother, and sex of infant and number of births - all facilities combined	115
5.18	Proportion of livebirths by birth weight less than 2 500 grams by region and facility	116
5.19	Institutional births by regional institutional and outcome of delivery	118
5.20	Maternal deaths by diagnosis and age of patient	120
5.21	Post delivery tubal ligation by diagnosis and age of patient	121
SECTION 6: MENTAL HEALTH STATISTICS		122
6.1	Out-patient attendances in mental health clinics by diagnosis, sex of patient and clinic	123
6.2	In-patient discharges - mental health hospital by diagnosis, age and sex of patient	125
APPENDICES		
I	Specimens of Health forms	127
II	Classification of Diseases (In-patient)	142

REPUBLIC OF BOTSWANA

Health Care Facilities



LEGEND

- District & Sub-District Headquarters
- Regional Health Team Headquarters
- ▲ Town Council
- ★ General Hospital
- ✚ Health Centre
- 7 Regional Health Team
- Regional Health Team-District Council & Sub-District Boundaries
- ◆ 3 Denotes 3 clinics with maternity wards in medical region.
- ◆ 4 Denotes 4 clinics without maternity wards in medical region.
- HN3 Denotes 3 health posts with nurses.
- H4 Denotes 4 health posts without a nurse

INTRODUCTION

COVERAGE

This report is based on data received from all health facilities in the country. With the expansion of health facilities and the use of mobile stops, there has been also an increase in the number of reported cases, i.e. out-patient, in-patient communicable diseases and the notification of births and deaths.

At present more than 90% of the population have access to health care, though some facilities are under utilise due to lack of staff and poor roads communications.

METHOD

All out-patient tables, except the diagnosis tables which are prepared by ICL main frame computer are done manually. Only six (6) months out-patient data was taken into account when analysing the out-patient statistics. This was mainly due to the introduction of new system of data collection which became fully operational in all facilities in the second half 1983. Also only those facilities that reported continuously for 6 months and have 75% of the expect rations were included in the analysis.

The mini-computer is fully utilised in the production of such tables as communicable diseases and bed utilization.

All tables on health expenses, facilities and personnel, and immunizations are manually produced. As for in-patient statistics, the data are first coded in the Health Statistics Unit and then sent to Government Computer Bureau. When the data entry and tabulation is done on the ICL mainframe

The information present in this report are shown on regional basis, type of facility and services rendered. Any information regarding a particular facility may be obtained from the facility or from the Health Statistics Unit on request.

SECTION 1: POPULATION

This entire section is devoted to find ways and means to improve on the collection of basic demographic information that could be utilised to monitor our health care system. Tables 1.1 - 1.3 give Botswana's projected population by age and sex as well as percentage distribution; population by urban and rural and the population by medical and administrative districts.

Table 1.4 gives some demographic indicators as calculated from the 1981 census data. However, information on tables 1.5 - 1.9 have been obtained using forms MH 002, MH 3002 and MH 3003 that are used by Health Statistics Unit to collect such data.

Efforts have been made to indicate the seriousness of the problem of underreporting and many attempts have been, and are being made to improve the situation. The deployment of Family Welfare Educators in the rural communities to collect such data where registration of births and deaths is not compulsory has been one of the achievable attempts.

From tables 1.5 - 1.6 it shows that the reporting of stillbirths and deaths of the under 1 year olds is still very low; besides the low coverage as shown by percentages on table 1.8.

The lowest reporting is from Tutume region with 7% and Francistown with highest reporting of 45%. The ideal will be 100% but the situation has room to improve. From the data there is clear evidence that deaths of older people are notified since 36% of the notified deaths are people aged 65 years and above.

According to table 1.7 there is need to target our health education to all age groups of the child bearing; as the table indicates that all age groups deliver at home.

Except for Selibe/Phikwe all urban centres show 0.0% home deliveries indicating that the expectant mothers used health facilities in towns compared to rural areas. Region 12 i.e. Tutume it is a newly formed one and it used to follow under Francistown medical region. Therefore the 251% births in Francistown region include some births from Tutume.

Again when looking at the data presented in table 1.9, one have to know that Francistown catchment area covers the whole Tutume region and North East. The maternity clinics built in the rural areas, have not yet reduced the workload, that the urban hospitals experience.

NOTE: The difference in population projected figures is mainly due to rounding off.

TABLE 1.1

POPULATION PROJECTIONS 1982/83 BY AGE AND SEX
(DE-FACTO POPULATION)

AGE GROUP	1 9 8 2						1 9 8 3					
	MALE	%	FEMALE	%	TOTAL	%	MALE	%	FEMALE	%	TOTAL	%
0 - 4	94 610	9.7	94 900	9.7	189 510	19.4	98 110	9.7	98 740	9.7	196 850	19.4
5 - 9	77 520	7.9	77 950	8.0	155 470	15.9	80 100	7.9	80 640	8.0	160 740	15.9
10 - 14	61 600	6.3	63 960	6.6	125 560	12.9	64 560	6.4	66 500	6.6	131 060	13.0
15 - 19	46 970	4.3	53 010	5.2	99 980	10.2	49 350	4.9	54 890	5.4	104 240	10.3
20 - 24	33 650	3.5	46 040	4.7	76 690	8.2	35 140	3.5	47 170	4.6	82 310	8.1
25 - 29	27 720	2.8	37 460	3.9	65 680	6.7	29 190	2.9	39 580	3.9	68 770	6.8
30 - 34	22 600	2.3	28 290	2.9	50 890	5.2	24 290	2.4	30 130	3.0	54 420	5.4
35 - 39	18 190	1.9	21 880	2.2	40 070	4.1	19 270	1.9	22 970	2.3	42 240	4.2
40 - 44	15 950	1.6	18 580	1.9	34 530	3.5	16 410	1.6	19 070	1.9	35 480	3.5
45 - 49	14 010	1.4	16 030	1.6	30 040	3.0	14 390	1.4	16 470	1.6	30 860	3.0
50 - 54	11 920	1.2	13 700	1.4	25 620	2.6	12 300	1.2	14 080	1.4	26 380	1.6
55 - 59	10 330	1.1	11 670	1.2	22 000	2.3	10 510	1.0	11 930	1.2	22 480	1.8
60 - 64	8 660	0.9	9 480	1.0	18 140	1.9	8 750	0.9	9 730	1.0	18 480	1.8
65 - 69	6 790	0.7	7 370	0.8	14 160	1.5	6 890	0.7	7 480	0.7	14 370	1.4
70 - 74	4 600	0.5	5 110	0.5	9 710	1.0	4 710	0.5	5 290	0.5	10 000	1.0
75 - 79	3 440	0.4	4 020	0.4	7 460	0.8	3 290	0.3	3 880	0.4	7 170	0.7
80 +	2 400	0.2	5 470	0.6	7 870	0.8	2 430	0.2	5 160	0.5	7 590	0.7
TOTAL - ALL AGE GROUPS	460 960	47.2	515 420	52.8	976 380	100.00	479 690	47.3	533 710	52.7	1 013 400	100.0

TABLE 1.2 POPULATION PROJECTION 1982/83 BY MEDICAL REGION AND ADMINISTRATIVE DISTRICT (DE-FACTO POPULATION)

MEDICAL REGION	ADMINISTRATIVE DISTRICT	POPULATION ESTIMATE 1982	POPULATION ESTIMATE 1983
1. Maun	Ngamiland	70 200	72 300
2. Francistown	Francistown T.C.	32 620	34 600
	North East	37 800	38 900
3. Serowe	Orapa	5 400	5 600
	Serowe & Boteti	122 472	126 400
4. Selibe/Phikwe	S P T C	30 440	31 000
	Bobonong	47 939	49 400
5. Kweneng	Kweneng	120 800	124 500
6. Lobatse	Jwaneng	6 120	6 700
	L T C	19 990	20 000
	Southern	123 320	127 300
7. Ghanzi	Ghanzi	19 700	20 300
8. Mahalapye	Mahalapye	85 667	88 400
9. Gaborone	G T C	65 620	72 200
	S E	31 800	33 400
	Kgatleng	45 900	47 300
10. Kasane	Chobe	8 100	8 400
11. Kgalagadi	Kgalagadi	24 800	25 600
12. Tutume	Tutume	77 713	80 100
TOTAL BOTSWANA - ALL DISTRICTS		976 380	1 013 400

NOTES: SPTC = Selibe/Phikwe Town Council
LTC = Lobatse Town Council
GTC = Gaborone Town Council
SE = South East
T.C. = Town Council

TABLE 1.3 POPULATION PROJECTION 1982/83 BY URBAN AND RURAL DISTRIBUTION (DE-FACTO POPULATION)

URBAN	POPULATION ESTIMATES	
	1 9 8 2	1 9 8 3
Gaborone Town Council	65 620	72 200
Francistown Town Council	32 620	34 600
Lobatse Town Council	19 990	21 000
Selibe/Phikwe Town Council	30 440	31 000
Orapa	5 400	5 600
Jwaneng	6 120	6 700
Palapye	10 270	11 000
Tlokweng	7 120	7 600
U R B A N T O T A L	177 580	189 700
RURAL		
Maun (Ngamiland)	70 200	72 300
North East	37 800	38 900
Central	323 520	333 300
Kweneng	120 800	124 500
Southern	123 300	127 300
Ghanzi	19 700	20 300
South East	24 680	25 880
Kgatleng	45 900	47 300
Kasane	8 100	8 400
Kgalagadi	24 000	25 600
R U R A L T O T A L	798 800	823 700
T O T A L - B O T S W A N A	976 380	1 013 400

TABLE 1.4

VITAL STATISTICS

Population	1 013 400*
Proportion aged 0-4 (Under 5 years)	19.4%*
Proportion of females aged 15-49 years	43.1%*
Proportion Urban	18.7
Life expectancy - Male	52.71 years
Female	59.31 years
Male and Female	55.98 years
Infant Mortality Rate - Male	76.0
(per 1 000 livebirths) Female	60.6
Male and Female	68.4
Crude death rate Male	15.17
(per 1 000 population) Female	10.93
Male and Female	12.95
Crude birth rate	47.2
(per 1 000 population)	
Natural Increase rate (annual)	3.43%
General fertility rate (per 1 000 women)	
aged 15 - 49 years)	210
Sex ratios (males per 100 females)	89
Child - Woman (per 1 000 women aged 15-49 years)	819
Total fertility rate(per women)	7.1

NOTES: * 1983 population projection figures

Most of the above information can be obtained from the fourth analytical volume on the 1981 census published in December 1984. These figures represent adjustments of earlier figures.

SOURCE: Central Statistics Office

TABLE 1.5

NON-INSTITUTIONAL STILLBIRTHS BY AGE OF
MOTHER, SEX OF FOETUS, AND MEDICAL REGION OF NOTIFICATION - BOTSWANA 1983

REGION	AGE OF MOTHER AND SEX OF FOETUS																		SEX TOTAL		GRAND TOTAL		
	15		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50 +					N/S	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
Maun	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	2
F.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North East	0	0	0	1	1	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C.D.C.-Serowe	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3	5	8
S.P.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	4
C.D.C.-S/Phikwe	0	0	1	0	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Kweneng	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	2	6
L.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Southern	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gantsi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Mahalapye	0	0	0	0	0	2	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
G.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Kgatleng	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
South East	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Chobe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Kgalagadi	0	0	1	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Tutume	0	0	2	0	0	0	2	2	1	0	1	0	1	0	0	0	0	0	0	0	4	1	5
TOTAL	0	0	5	2	2	3	8	9	5	2	3	2	1	1	0	0	0	0	2	2	26	21	47

NOTES: F.T.C. - Francistown Town Council
 C.D.C. - Central District Council
 S.P.T.C. - Selebi/Phikwe Town Council
 L.T.C. - Lobatse Town Council
 G.T.C. - Gaborone Town Council
 N/S - Age not stated
 S/Phikwe - Selebi/Phikwe

SOURCE: Medical Notification of Livebirth/Stillbirth, MH 3003

TABLE 1.6

NON-INSTITUTIONAL DEATHS BY AGE, SEX AND MEDICAL REGION OF NOTIFICATION
BOTSWANA - 1983

REGION	AGE AND SEX																								GRAND TOTAL
	<28 days		28 dy-11m		1 - 4		5-14		15-24		25-34		35-44		45-54		55-64		65 +		N/S		SEX TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Maun	3	0	7	5	2	2	4	2	4	3	1	0	2	2	2	0	0	4	0	3	6	13	31	34	65
North East	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	2	0	0	7	6	0	1	9	11	20
F.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C.D.C.	0	2	6	9	11	12	7	6	2	3	3	5	4	2	6	6	6	7	29	20	7	9	81	81	162
C.D.C.-S/Phikwe	1	2	11	8	4	5	2	4	4	0	2	2	0	4	6	4	4	8	28	31	2	1	64	69	133
S.P.T.C.	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	2	2	1	0	6	4	10
Kweneng	3	2	10	2	9	5	2	6	0	1	0	1	2	1	4	2	3	2	15	9	3	8	51	39	90
Southern	1	4	2	5	5	3	6	1	3	4	1	1	1	1	1	1	1	0	7	9	2	3	30	32	62
L.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gantsi	1	0	3	2	1	4	3	0	0	2	2	0	0	1	1	1	0	3	6	1	1	0	18	14	32
Mahalapye	5	2	6	7	10	14	5	1	2	3	4	4	3	3	6	4	10	4	59	56	10	16	120	114	234
Kgatleng	1	1	7	10	11	6	11	2	6	1	4	2	1	3	3	0	8	2	31	28	3	10	86	65	151
South East	0	3	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	0	2	6	1	2	5	15	20
G.T.C.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chobe	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	1	4	4	8
Kgalagadi	0	3	1	2	1	3	0	0	0	0	1	0	0	2	0	1	4	0	1	13	1	5	9	29	38
Tutume	3	2	5	7	5	3	1	0	1	2	1	2	3	4	4	1	4	2	12	7	7	0	45	30	76
T O T A L	18	22	59	59	61	59	41	23	22	20	19	18	17	23	34	23	43	32	201	193	45	69	560	541	1 101

NOTES: F.T.C. - Francistown Town Council
 C.D.C. - Central District Council
 S.P.T.C. - Selebi/Phikwe Town Council
 S/Phikwe - Selebi/Phikwe
 L.T.C. - Lobatse Town Council
 G.T.C. - Gaborone Town Council
 dy - days
 m - Months
 N/S - Not Stated

SOURCE: Medical Notification of Death, MH 3002

TABLE 1.7

NON-INSTITUTIONAL LIVEBIRTHS BY AGE OF MOTHER,
SEX OF INFANT, AND MEDICAL REGION OF NOTIFICATION - BOTSWANA 1983

REGION	AGE OF MOTHER AND SEX OF INFANT																		SEX TOTAL				GRAND TOTAL
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50 +						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Maun	0	0	13	20	31	52	34	34	14	19	13	12	8	12	0	1	0	0	4	9	117	159	276
F.T.C.	0	0	0	0	2	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	5	7
North East	0	0	7	8	19	23	16	12	7	11	5	6	1	1	1	1	0	0	0	1	56	63	119
C.D.C.-Serowe	0	0	25	24	68	77	68	55	39	54	40	33	14	5	3	3	1	1	8	5	266	257	523
S.P.T.C.	0	0	0	7	10	10	10	10	12	4	1	6	2	0	0	0	0	0	0	0	35	37	72
C.D.C.-S/Phikwe	0	0	14	8	53	36	46	34	19	29	23	21	8	10	0	3	0	0	5	5	168	146	314
Kweneng	0	0	33	36	101	114	100	109	65	82	48	55	30	24	11	10	0	1	11	11	399	442	841
L.T.C.	0	0	1	1	3	1	2	2	4	0	3	2	0	2	0	0	0	0	0	0	13	8	21
Southern	1	0	36	41	106	114	97	76	62	80	55	48	22	23	5	5	1	0	10	10	395	397	792
Gantsi	0	0	10	12	32	32	30	45	22	13	16	13	4	8	5	3	0	1	2	1	121	128	249
Mahalapye	0	0	32	44	114	115	72	78	75	55	41	40	19	18	2	6	1	0	10	10	366	366	732
G.T.C.	0	0	0	0	1	1	1	2	1	2	0	0	0	0	0	0	0	0	0	0	3	5	8
Kgatleng	0	0	14	17	37	57	39	48	41	42	23	34	18	16	1	5	0	1	0	0	173	220	393
South East	0	0	6	10	14	19	27	22	13	15	14	13	10	7	3	2	0	0	0	1	87	89	176
Chobe	0	0	2	2	6	4	1	3	2	3	2	0	0	0	0	0	0	0	0	0	13	12	25
Kgalagadi	0	0	22	15	55	53	41	42	27	27	25	21	11	11	3	4	2	0	0	3	186	176	362
Tutume	0	1	38	38	122	91	71	81	52	50	29	38	10	8	4	0	1	1	2	7	329	315	644
T O T A L	1	1	253	283	774	802	655	653	455	488	338	342	157	145	38	43	6	5	52	63	2729	2825	5554

NOTES: F.T.C. - Francistown Town Council
 C.D.C. - Central District Council
 S.P.T.C. - Selebi/Phikwe Town Council
 S/Phikwe - Selebi/Phikwe
 L.T.C. - Lobatse Town Council
 G.T.C. - Gaborone Town Council
 N/S - Age not stated

SOURCE: Medical Notification of Livebirth/Stillbirth, MH 3003

TABLE 1.8

NUMBER OF INSTITUTIONAL, NON-INSTITUTIONAL EXPECTED DEATH
AND PERCENTAGE NOTIFIED BY DISTRICT: BOTSWANA 1983

MEDICAL REGION	DISTRICT	INSTITUTIONAL BY PLACE OF OCCURRENCE	NON-INSTITUTIONAL BY PLACE OF NOTIFICATION	TOTAL	EXPECTED	PERCENTAGE
1. Maun	Ngamiland	123	65	188	940	20
2. Francistown	Francistown T.C.	408	0	408	450	91
	North East	3	20	23	500	2
	TOTAL FOR REGION	411	20	431	950	45
3. Central Serowe	Orapa	61	0	61	70	87
	Serowe & Boteti	217	162	379	1 640	26
	TOTAL FOR REGION	278	162	440	1 710	26
4. Central S/Phikwe	SPTC	182	10	192	400	48
	Bobonong	20	113	133	640	21
	TOTAL FOR REGION	202	123	325	1 040	31
5. Kweneng	Kweneng	225	90	345	1 610	21
6. Lobatse	Jwaneng	20	0	20	90	21
	Lobatse T.C.	244	0	244	270	22
	Southern	165	62	227	1 650	83
	TOTAL FOR REGION	439	62	491	2 010	24
7. Gantsi	Gantsi	43	32	75	260	28
8. Central Mahalapye	Mahalapye	244	234	478	1 160	41
9. Gaborone	Gaborone T.C.	424	0	424	940	45
	South East	74	20	94	450	21
	Kgatleng	115	151	266	610	43
	TOTAL FOR REGION	613	171	784	2 020	39
10. Kasane	Chobe	25	8	33	110	30
11. Kgalagadi	Kgalagadi	52	38	90	330	27
12. Central Tutume	Tutume	1	76	77	1 040	7
ALL DISTRICTS	BOTSWANA	2 656	1 101	3 757	13 190	28

SOURCE: Midnight Census MH 002 and Medical Notification of death (MH 3002)

NOTE: Since these figures yield a crude death rate of 4 per 1 000 population it shows the serious
of underreporting of deaths.

TABLE 1.9

NUMBER OF INSTITUTIONAL, NON-INSTITUTIONAL, EXPECTED BIRTH AND
PERCENTAGE NOTIFIED BY DISTRICT BOTSWANA 1983

MEDICAL REGION	ADMINISTRATIVE DISTRICT	INSTITUTIONAL BY PLACE OF OCCURRENCE	BBA	NON-INSTITUTIONAL BY PLACE OF NOTIFICATION	TOTAL	EXPECTED	PERCENTAGE
1. Maun	Ngamiland	1 318	42	276	1 636	3 410	48
2. Francistown	Francistown Town Council	3 971	124	7	4 102	1 630	251
	North East	172	9	119	300	1 840	16
	TOTAL FOR REGION	4 143	133	126	4 402	3 470	127
3. Serowe	Orapa	381	2	0	383	260	147
	Serowe & Boteti	2 444	65	523	3 032	5 960	51
	TOTAL FOR REGION	2 825	67	523	3 415	6 220	55
4. Selibe/Phikwe	Selibe/Phikwe Town Council	2 149	49	72	2 270	1 460	155
	Bobonong	671	20	314	1 005	2 340	43
	TOTAL FOR REGION	2 821	69	386	3 275	3 800	86
5. Kweneng	Kweneng	2 235	54	841	3 130	5 880	53
6. Lobatse	Jwaneng	145	4	0	149	320	46
	Lobatse Town Council	1 519	61	21	1 601	990	162
	Southern	2 029	43	792	2 695	6 010	45
	TOTAL FOR REGION	3 548	104	813	4 445	7 320	61
7. Ghanzi	Ghanzi	312	11	245	572	960	60
8. Mahalapye	Mahalapye	2 007	71	732	2 810	4 200	67
9. Gaborone	Gaborone Town Council	3 477	60	8	3 545	3 410	104
	South East	822	10	176	1 008	1 770	79
	Kgatleng	966	35	393	1 394	2 230	63
	TOTAL FOR REGION	5 265	105	577	5 947	7 410	80
10. Chobe	Chobe	150	12	25	187	400	47
11. Kgalagadi	Kgalagadi	399	8	362	769	1 210	64
12. Central TUTUME	TUTUME	244	0	644	888	3 780	23
TOTAL - BOTSWANA		25 246	676	5 554	31 476	48 060	65

NOTES: PBA - Born Before Arrival

Since these figures yield a crude birth rate of only 31 per 1 000 population this shows a substantial underreporting of livebirths.

SOURCE: Midnight Census (MH 002) and Medical Notification of livebirth and stillbirth (MH 3003).

TABLE 1.10

NON-INSTITUTIONAL BIRTHS BY OUTCOME OF DELIVERY
SEX OF INFANT AND AGE OF MOTHER BOTSWANA 1983

OUTCOME	AGE OF MOTHER AND SEX OF INFANT																				SEX TOTAL		TOTAL
	15		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50 +		N/S				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
LBA	1	1	253	283	774	802	655	653	455	488	338	342	157	145	38	43	6	5	52	63	2729	2805	5 554
SB	0	0	5	2	2	3	8	9	5	2	3	2	1	1	0	0	0	0	2	2	26	21	47
TOTAL	1	1	258	285	776	805	663	662	460	490	341	344	158	146	38	43	6	5	54	65	2755	2846	5 601

21

NOTES:

LBA - Livebirth Alive
SB - Stillbirth

SECTION 2: HEALTH EXPENDITURE

The present budgeting system has been such that one cannot estimate how much is spent on a specific program. Therefore tables 2.1 and 2.2 give the government health expenditure both recurrent and development for the years 1979/80 - 1982/83 respectively. The Ministry of Health which is responsible for health policies, advisory services and the running of specialised units, hospitals, health centres and regional health teams spent P15 829 543 in 1982/83 on current items (i.e. 4.77% of the total recurrent expenditure of the government. In addition to this, the local government agencies i.e. (District councils and Town Councils) spent P5 444 004 on recurrent items covering such facilities as clinics, health posts and mobile teams which amounts to 16.67% of the total recurrent expenditure of the local government or 1.64 of the total national recurrent expenditure.

The development expenditure for the fiscal year 1982/83 showed a decline. This may be due to drought that led to some projects being abandoned or delayed. However, the percentage of development expenditure on health by local government shows a steady decline because less clinics and health posts are being built. The local government spent P1 356 328 which was 19.73 if its total budget compared to P1 066 977 which is only 8.16% of the total development budget.

In recent years, the health expenditure (at current prices) has shown a steady increase. Though the recurrent expenditures of the Ministry of Health almost doubled from P8 440 280 in 1979/80 to P15 829 543 in 1982/83 there has been a drop in proportion allocated to health compared to previous years.

Tables 2.3 and 2.4 give similar information on both recurrent and development expenditure of the Ministry of Health. Personal emoluments received the biggest share of 47.30% followed institutional running expenses. It is also striking to see that training takes a bigger share of Ministry of Health budget and also shows a steady increase from year to year. Using the total recurrent amount spent on health, it can be noted that the government spends P31.15 per person on health.

Responsibility for government health work is as follows:

a) Ministry of Health

Hospitals, health centres, regional medical teams, national programmes (Tuberculosis EPI etc), planning and development and policy direction.

b) Ministry of Local Government and Lands

Clinics and health posts, institutional feeding programmes.

c) Ministry of Agriculture

Tsetsefly control, anti-rabies programme.

- d) Ministry of Works and Communications
building and maintenance, procurement and maintenance of
vehilces and provision of petrol.
- e) Ministry of Mineral Resources and Water Affairs
Air pollution control, water supplies (including rural
water supplies).

The last three ministries have been grouped together, under
the heading (other ministries in tables 2.1 and 2.2).

SOURCE OF DATA FOR TABLES 2.1 - 2.4

1. Annual statements of Account
2. District Council and Town Councils actual expenditure.
3. Financing of Health services in Botswana. A country case
study prepared by the Ministry of Health; especially the
percentage use to calculate the amount spent on health related
activities by other ministries.

TABLE 2.1

RECURRENT HEALTH EXPENSES BY GOVERNMENT AGENCY AND
FISCAL YEARS 1979/80 - 1982/83 (CURRENT PRICES IN PULA)

GOVERNMENT AGENCY	EXPENDITURE TYPE	1979/80		1980/81		1981/82		1982/83	
		AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%
ALL AGENCIES:	Total Recurrent	112 653 981	100.00	163 628 445	100.00	359 857 541	100.00	331 798 015	100.00
	Expenditure on Health	14 582 933	12.94	21 257 958	12.99	25 649 068	7.13	31 600 961	9.52
	Ministry of Health	8 440 280	7.49	11 239 881	6.87	13 773 090	3.83	15 829 543	4.77
	Other Ministries	4 713 395	4.18	6 604 311	4.04	7 153 641	1.99	10 327 414	3.11
	Local Government	1 429 258	1.27	3 413 765	2.09	4 722 337	1.31	5 444 004	1.64
CENTRAL GOVERNMENT:	Total Recurrent	113 014 732	0.00	158 044 983	0.00	351 001 080	0.00	299 137 022	
	Transfer to Local Gov't	6 383 621	0.00	11 542 263	0.00	18 350 084	0.00	18 727 301	
	Total excl. Transfers	106 631 111	100.00	146 502 720	100.00	332 650 996	100.00	280 409 721	100.00
	Expenditure on Health	13 153 674	12.34	17 844 192	12.18	20 926 731	6.29	26 156 957	9.33
	Ministry of Health	8 440 280	7.92	11 239 881	7.67	13 773 090	4.14	15 829 543	5.65
	Other Ministries	4 713 395	4.42	6 604 311	4.51	7 153 641	2.15	10 327 414	3.68
LOCAL GOVERNMENT:	Total Recurrent	6 022 670	100.00	17 125 725	100.00	27 206 545	100.00	32 660 993	100.00
	Expenditure on Health	1 429 258	23.73	3 413 766	19.93	4 722 337	17.36	5 444 004	16.67

TABLE 2.2

DEVELOPMENT HEALTH EXPENSES BY GOVERNMENT AGENCY
AND FISCAL YEAR 1979/80 - 1982/83 (CURRENT PRICES IN PULA)

GOVERNMENT AGENCY	EXPENDITURE TYPE	1979/80		1980/81		1981/82		1982/83	
		AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%
ALL AGENCIES:	Total Development	104 704 310	100.00	133 358 907	100.00	133 510 173	100.00	172 879 096	100.00
	Expenditure on Health	7 729 744	7.38	9 685 939	7.26	10 746 953	8.05	6 552 935	3.79
	Ministry of Health	1 948 213	1.86	4 013 348	3.01	4 996 188	3.74	3 282 962	1.90
	Other Ministries	4 425 203	4.23	4 176 192	3.13	4 848 613	3.63	2 203 026	1.27
	Local Government	1 356 328	1.20	1 495 853	1.12	902 152	0.68	1 066 947	0.62
CENTRAL GOVERNMENT:	Total Development	98 284 895	0.00	121 436 240	0.00	121 254 092	0.00	160 357 757	0.00
	Transfers to Local Gov't	456 444	0.00	589 684	0.00	940 871	0.00	555 747	0.00
	Total Excl. Transfers	97 828 451	100.00	120 846 556	100.00	120 313 221	100.00	159 802 010	100.00
	Expenditure on Health	6 373 416	6.51	8 189 540	6.78	9 844 801	8.18	5 485 988	3.43
	Ministry of Health	1 948 213	1.99	4 013 348	3.32	4 996 188	4.15	3 282 962	2.05
	Other Ministries	4 425 203	4.52	4 176 192	3.46	4 848 613	4.03	2 203 026	1.38
LOCAL GOVERNMENT:	Total Development	6 875 859	100.00	12 512 351	100.00	12 256 081	100.00	13 077 086	100.00
	Expenditure on Health	1 356 328	19.73	1 495 853	11.96	902 152	7.36	1 066 947	8.16

TABLE 2.3

RECURRENT EXPENSES OF MINISTRY OF HEALTH BY CATEGORY
AND FISCAL YEAR 1979/80 - 1982/83

EXPENDITURE CATEGORY	1979/80		1980/81		1981/82		1982/83	
	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%
TOTAL RECURRENT:	8 440 277	100.00	11 239 881	100.00	13 773 090	100.00	15 829 543	100.00
HEADQUARTERS:	1 297 898	15.38	1 516 770	13.49	1 792 482	13.01	1 993 737	12.60
Administration	306 089	3.63	380 018	3.38	447 232	3.25	466 899	2.95
Grants and subventions	991 809	11.75	1 136 752	10.11	1 345 250	9.77	1 526 838	9.65
TRAINING:	801 524	9.50	1 075 499	9.57	1 369 103	9.94	1 644 334	10.39
HEALTH SERVICES:	6 340 855	75.13	8 647 612	76.94	10 611 505	77.05	12 191 472	77.02
Personal Emoluments	4 038 802	47.85	5 684 047	50.57	6 636 747	48.19	7 486 943	47.30
Travel and Transport	97 216	1.15	160 615	1.43	187 247	1.36	194 191	1.23
General Expenses and Supplies	406 052	4.81	484 090	4.31	539 912	3.92	608 496	3.84
Departmental Services	55 165	0.65	60 927	0.54	61 545	0.45	85 027	0.54
Maintenance and Running Expenses	35 757	0.42	...	...	982	0.01	11 555	0.07
Institutional Running Expenses	1 701 284	20.16	...	...	3 173 096	23.04	3 800 466	24.01
Special Expenditure	6 579	0.08	...	...	11 976	0.09	4 794	0.03
Other	...	...	2 257 933	20.09	...	...	...	...

TABLE 2.4

DEVELOPMENT EXPENSES OF MINISTRY OF HEALTH BY CATEGORY
AND FISCAL YEARS 1979/80 - 1982/83 (CURRENT PRICES IN PULA)

	1979/80		1980/81		1981/82		1982/83	
	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%
MINISTRY OF HEALTH:	1 948 216	100.00	4 013 348	100.00	4 996 188	100.00	3 282 962	100.00
HOSPITALS	166 861	8.56	1 956 079	48.74	3 682 093	73.70	2 365 902	72.07
HEALTH CENTRES	593 255	30.45	1 220 164	30.40	405 442	8.12	248 038	7.56
TRAINING	971 776	49.88	372 435	9.28	130 770	2.62	278 739	8.49
OTHER (INCLUDES):	216 324	11.10	464 670	11.58	777 883	15.57	390 283	11.89
Medical Research and Evaluation	...	...	...	...	4 916	0.10	3 100	0.09
Medical Equipment	15 314	0.79	173 216	4.32	225 966	4.52	285 733	8.70
Central Medical Stores	515	0.03	14 552	0.36	570	0.01	10 109	0.31
Regional Health Teams	26 844	1.38	10 448	0.26	12 628	0.25	45 685	1.39
Occupational Health Unit	...	...	...	...	691	0.01	160	0.00
Dental Health Services	...	...	20 737	0.52	478 646	9.58	12 221	0.37
Health Education Programme	15 490	0.80	202 844	5.05	18 967	0.38	9 416	0.29
Child Health/Family Planning	14 806	0.76	14 457	0.36	3	0.00	4 772	0.15
Control of Communicable Diseases	143 259	7.35	17 568	0.44	24 393	0.49	698	0.02
Nutrition Programme	...	...	...	...	...	...	3 483	0.11
Rehabilitation Programme	...	...	...	...	1 633	0.03	2 424	0.07
Prevention of Blindness Programme	96	0.00	10 848	0.27	1 492	0.03	12 482	0.38
Mental Health Programme	...	...	...	...	7 978	0.16	...	...

SECTION 3: HEALTH FACILITIES AND PERSONNEL

1) FACILITIES

The table 3.1 gives a picture in the increase and improvement of health facilities in Botswana. Because of Botswana adoption of the policy of Health of all by 2 000, and rural development one would expect a general increase in health clinics and health posts, which clearly show a significant improvement in health establishments. Besides more building of health units there has been a marked upgrading of health posts with permanent building to clinics and clinics to clinics with maternity wards. For example, in 1978 there were 89 clinics compared to 127 clinics in 1983 and in 1978 there were 163 health posts compared to 228 health posts in 1983. However, figures on health posts without permanent building shows a decrease from 49 health posts in 1978 to 16 health posts in 1983.

Table 3.2 shows units/facilities according to region, location, type and ownership. However, clinics operated by private practitioners are not included in this list. Most of these are in towns and some big villages. Though mobile stops are included in this table, caution is needed as regard its definition because a mobile stop may operate under a tree in a mud house and in some cases seasonal. It is meant to serve the outreach population. Again, it is worth noting that about 87.8% of the facilities are in the rural areas, which is in conformity with population distribution.

11) PERSONNEL

a) Tables 3.4 - 3.6 show the total number of health personnel in health sector, however breakdowns according to assignments, employer and region. has been done to give an improve picture in the allocation of the limited human resources available. Table 3.6 shows all the health personnel employed by the Ministry of Health (headquarters) and its specialised units. To make health personnel section more meaningful, the three main groups of health personnel has been compared with population served. However, regional disparities can be noted when regional figures are compared with national figures as in table inserted below.

MEDICAL REGION	ADMINISTRATIVE DISTRICT	NO. OF DOCTORS	NO. OF NURSES	NO. OF FWE	POPULATION ESTIMATE 1983	POP. PER DOCTOR	POP. PER NURSE	POP. PER FWE
MAUN	Ngamiland	7	74	40	72 300	1/ 10 760	1/ 980	1/1 810
F/TOWN	F.T.C.	19	109	22	34 600	1/1 820	1/ 320	1/1 570
	North East	1	25	27	38 900	1/ 38 900	1/1 560	1/1 440
SEROWE	Orapa	4	30	0	5 600	1/1 400	1/ 190	0
	Serowe & Boteti	9	144	55	126 400	1/ 14 040	1/ 880	1/2 300
S/PHIKWE	S P T C	8	82	18	31 000	1/3 870	1/ 380	1/1 720
	Bobonong	1	32	24	49 400	1/ 49 400	1/1 540	1/2 060
KWENENG	Kweneng	6	148	61	124 500	1/ 20 750	1/ 840	1/2 040
LOBATSE	Jwaneng	3	46	4	6 700	1/2 230	1/ 150	1/1 680
	Lobatse T.C.	10	129	7	20 000	1/2 000	1/ 160	1/2 860
	Southern	4	91	71	127 300	1/31 820	1/1 400	1/1 790
GHANZI	Ghanzi	2	36	18	20 300	1/10 150	1/ 560	1/1 130
MAHALAPYE	Mahalapye	7	90	42	88 400	1/12 630	1/ 980	1/2 100
GABORONE	G.T.C.	55	229	37	72 200	1/1 310	1/ 320	1/1 950
	South East	4	48	25	33 400	1/8 350	1/ 700	1/1 340
	Kgatleng	2	63	35	47 300	1/23 650	1/ 750	1/1 350
KASANE	Chobe	2	14	8	8 400	1/4 200	1/ 600	1/1 050
KGALAGADI	Kgalagadi	1	25	22	25 600	1/25 600	1/1 020	1/1 160
TUTUME	Tutume	1	25	31	80 100	1/80 100	1/3 200	1/2 580
TOTAL BOTSWANA-ALL DISTRICTS		146	1 440	547	1 013 400	1/6 940	1/ 700	1/1 850

b) Tables 3.8 - 3.9 show personnel by category in training institutions and National Health Institute (NHI) shows how much the ministry has embarked in training of teaching personnel.

c) Tables 3.10 - 3.12 show level of training of locals in various courses in the health sector in Botswana. Table 3.11 gives the number of family welfare educators admitted and completed in the five year period. These act as first contact in the delivery of primary health care services. Table 3.10 shows health manpower training abroad for very specialised courses, these include physicians, surgeons and post graduates.

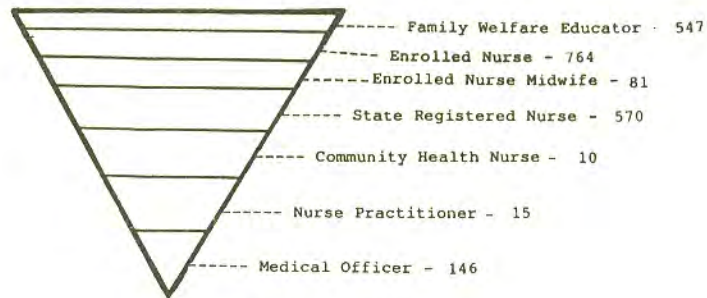
To assess our level training and achievements in this area, only nationals have been included in table below. Also those on training during this period have been taken into account.

	EMPLOYED 1983	ON TRAINING 1983	TARGETS 1985
Family Welfare Educator	547	55	820
Enrolled Nurse	760	250	628
Enrolled Nurse/Midwife	81	20	165
Registered Nurse	373	320	570
Nurse Anaesthetist	7	8	11
Nurse Practitioner	15	8	75
Public Health Nurse	10	10	70
Psychiatric Nurse	17	0	25
*Nurse Administrator	40	0	47
Nurse Educator	67	24	43
Health Assistants	82	26	150
Laboratory Assistants	32	30	50
Pharmacy Technicians	40	24	55
Health Education Nutritionist	9	12	30
Health Administrator	1	0	40
Dental Therapists	2	15	14
Health Inspectors	14	3	22
Physicians	20	20	86

* Includes 10 matrons and 30 senior sisters, no formal training required at this level.

FIGURE I

HEALTH CARE PYRAMID



MOBILE STOPS - 438 (1983)

HEALTH POST - 244 (41 with E/N) 1983

CLINIC - 127 (43 with maternity) 1983

- 2 RN/MW or 1 + EN/MW
- 1-2 E/N
- 1 Driver
- 1-4 GDA
- 1-3 FWE

HEALTH CENTER - 7 (1983)

- Tsabong (MO)
- Gantsi (MO)
- Kasane (MO)
- Palapye (MO)
- Bobonong
- Mmadinare
- Rakops

DISTRICT HOSPITAL - 13 (1983)

- Kanye (mission)
- Lobatse (gov.)
- Serowe (gov.)
- Jubilee (gov.)
- Mochudi (mission)
- Ramotswa (mission)
- Molepolole (gov.)
- Mahalapye (gov.)
- Jwaneng (mine)
- Maun (gov.)
- Orapa (mine)
- Selebi Phikwe (gov.)
- Selebi Phikwe BCL (mine)

REFERRAL HOSPITAL - 2 (1983)

- Princess Marina Hospital
- Lobatse Mental Hospital

1983 unless otherwise stated

TABLE 3.1

HEALTH UNITS ACCORDING TO TYPE AND OWNERSHIP: BOTSWANA 1978 - 83
NUMBER OF UNITS IN OPERATION AT THE END OF THE YEAR

TYPE OF HEALTH UNIT	1978 TOTAL	1979 TOTAL	1980 TOTAL	1981 TOTAL	1982 TOTAL	TOTAL	1 9 8 3		
							GOVERNMENT	MISSION	OTHER
HOSPITALS:	14	14	14	14	15	15	9	3	3
General Hospitals	13	13	13	13	14	14	8	3	3
Special Hospitals	1	1	1	1	1	1	1	0	0
HEALTH CENTRES:	7	7	7	7	7	7	7	0	0
CLINICS:	89	92	103	111	123	127	110	7	10
With Maternity Wards	33	33	32	33	37	43	40	3	0
Other	56	59	71	78	86	84	70	4	10
HEALTH POSTS/MOBILE STOPS:	404	384	556	601	628	682	674	4	4
With Permanent Building	163	185	203	218	225	228	227	1	0
Without Building	49	33	12	16	14	16	16	0	0
Mobile Stops	192	166	341	367*	389*	438*	431	3	4
G R A N D T O T A L	322	331	339	366	384	393	369	11	13

NOTES: * - Does not include mobile stops for Ghanzi Region.

Grand Total does not include mobile stops.

GOVERNMENT includes Central Government and Local Authorities (Town and District Councils)

OTHER includes Private and Parastatal agencies like Botswana Meat Commission, Mining Companies, Botswana Red Cross, U.S. Peace Corps and Mahalapye Development Trust

TABLE 3.2

HEALTH UNITS IN OPERATION ACCORDING TO LOCATION, TYPE AND OWNERSHIP - 1983

MEDICAL REGION	HOSPITALS				H/CENTRES		CLINICS (MTY)				CLINICS (OTHER)						H/POSTS		MOB. STOPS	TOTAL ALL FAC. (EXCL. MOB. STOPS)
	TOTAL	GOV'T	MISS	IND	TOTAL	GOV'T	TOTAL	GOV'T	LA	MISS	TOTAL	GOV'T	LA	MISS	IND	OTHER	W/B	N/B		
GABORONE: Total	3	1	2	0	0	0	2	0	2	0	25	3	17	3	0	2	19	0	49	49
Gaborone	1	1	0	0	0	0	0	0	0	0	14	3	8	1	0	2	0	0	0	15
South East	1	0	1	0	0	0	0	0	0	0	6	0	4	2	0	0	4	0	10	11
Kgatleng	1	0	1	0	0	0	2	0	2	0	5	0	5	0	0	0	15	0	39	23
KWENENG: Kweneng	1	1	0	0	0	0	7	0	7	0	8	1	7	0	0	0	26	0	48	42
LOBATSE: Total	4	2	1	1	0	0	5	0	4	1	16	0	13	0	3	0	32	0	53	57
Lobatse	2	2	0	0	0	0	0	0	0	0	4	0	2	0	2	0	0	0	0	6
Southern	2	0	1	1	0	0	5	0	4	1	12	0	11	0	1	0	32	0	53	51
KGALAGADI: Kgalagadi	0	0	0	0	1	1	5	0	5	0	0	0	0	0	0	0	12	1	42	19
GANTSI: Gantsi	0	0	0	0	1	1	2	0	2	0	1	0	1	0	0	0	9	0	6	13
MAUN: Ngamiland	1	1	0	0	0	0	5	0	4	1	2	0	1	0	1	0	17	6	53	31
KASANE: Chobe	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	0	5	0	3	8
FRANCISTOWN: Total	1	1	0	0	0	0	4	0	4	0	6	2	4	0	0	0	18	8	26	37
Francistown	1	1	0	0	0	0	0	0	0	0	5	2	3	0	0	0	3	5	3	14
North East	0	0	0	0	0	0	4	0	4	0	1	0	1	0	0	0	15	3	23	23
TUTUME: Central Part	0	0	0	0	0	0	2	0	2	0	7	0	7	0	0	0	19	0	13	28
SELIBE/PHIKWE: Total	2	1	0	1	2	2	2	0	2	0	8	2	4	0	2	0	14	0	15	28
Selibe/Phikwe	2	1	0	1	0	0	0	0	0	0	7	2	3	0	2	0	2	0	0	11
Central Part	0	0	0	0	2	2	2	0	2	0	1	0	1	0	0	0	12	0	15	17
SEROWE: Central Part	1	1	0	0	1	1	3	0	3	0	6	0	5	0	1	0	22	0	111	33
BOTETI: Central Part	1	0	0	1	1	1	2	0	2	0	0	0	0	0	0	0	9	1	9	14
MAHALAPYE: Central Part	1	1	0	0	0	0	4	1	2	1	3	0	1	1	0	1	26	0	10	34
TOTAL BOTSWANA ALL DISTRICTS	15	9	3	3	7	7	43	1	39	3	84	8	62	4	7	3	228	16	438	393

NOTES: GOV'T = GOVERNMENT
MISS = MISSION
IND = INDUSTRY
LA = LOCAL AUTHORITY
MOB. = MOBILE
FAC. = FACILITIES
EXCL. = EXCLUDING

MTY = MATERNITY
H/CENTRES = HEALTH CENTRES
H/POSTS W/B = HEALTH POSTS WITH PERMANENT BUILDING
H/POSTS N/B = HEALTH POSTS WITH NO PERMANENT BUILDING

TABLE 3.3

NUMBER OF BEDS BY SPECIALITY AND HEALTH FACILITY - 1983

FACILITY	NUMBER OF AUTHORIZED BEDS											
	COTS	TB	MAT.	PAED.	ISOL.	MALE	FEMALE	MED	SURG	GEN	PRIV.	PSYCH.
Princess Marina	47	0	46	47	0	0	0	40	84	0	20	0
Jubilee	23	48	30	15	17	32	35	0	0	0	6	4
Athlone	25	39	12	20	15	27	16	0	0	0	4	0
Sekgoma Memorial	23	53	23	16	13	21	20	0	0	0	4	16
Mahalapye Government	9	38	16	14	0	17	10	0	0	0	0	0
Maun Government	16	38	38	31	0	27	35	0	0	0	4	8
Scottish Livingstone	42	61	18	32	0	0	0	35	16	0	4	0
Selebi/Phikwe Government	13	0	22	11	6	14	10	0	0	0	2	0
Bamangwato Concession Limited	0	0	4	0	0	0	0	0	0	18	5	0
De-Beers	0	12	6	6	3	12	12	0	0	0	10	0
Seventh Day Adventist	0	48	28	36	9	0	0	0	0	40	6	0
Deborah Retief Memorial	18	30	25	18	0	0	0	34	23	0	0	0
Bamaletse Lutheran	0	0	12	33	0	29	27	0	0	0	6	0
Mental	0	0	0	0	0	72	39	0	0	0	0	0
Jwaneng	0	0	6	0	0	0	0	0	0	25	9	0
TOTAL HOSPITALS	216	367	286	279	63	251	204	109	123	83	80	28
Bobonong	0	0	6	0	0	0	0	0	0	11	0	0
Mmadinare	0	24	11	10	0	5	5	0	0	0	0	0
Kasane	0	4	6	7	2	6	6	0	0	0	0	0
Rakops	0	4	5	3	0	3	6	0	0	0	0	0
Ghanzi	0	20	4	0	0	0	0	0	0	24	0	0
Tsabong	0	0	6	0	0	0	0	0	0	21	0	0
Palapye	0	0	8	0	0	0	0	0	0	11	0	0
Lady Leisching	0	65	0	0	0	0	0	0	0	0	0	0
TOTAL HEALTH CENTRES	9	113	41	17	2	11	11	0	0	71	0	0
TOTAL CLINICS	0	8	4	0	0	0	0	0	0	198	0	0

Clinic beds provide services for both General and Maternity.

NOTES: TB = Tuberculosis MAT. = Maternity PAED. = Paediatric ISOL. = Isolation
 MED = Medical SURG. = Surgical GEN = General PRIV. = Private
 PSYCH. = Psychiatric

TABLE 3.4

HEALTH PERSONNEL BY CATEGORY, EMPLOYER AND SEX - 31.12.83

	TOTAL		MINISTRY OF HEALTH		LOCAL GOV'T		OTHER MINIST.		MISSION		INDUST		OTHER INCLUDING PRIVATE	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	1251	3337	797	1700	261	1091	13	21	69	306	98	170	23	49
PROFESSIONAL MEDICAL:														
Doctors	113	33	75	27	0	0	0	0	9	2	11	0	18	4
Intern	2	0	2	0	0	0	0	0	0	0	0	0	0	0
Student Doctor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROFESSIONAL DENTAL:														
Registered Nurses	7	2	3	1	0	0	0	0	0	0	2	0	2	1
Enrolled Nurse Midwife	28	567	18	312	7	156	0	0	1	58	2	41	0	0
Hospital Orderly	1	80	1	45	0	26	0	0	0	3	0	5	0	1
Enrolled Nurse	25	229	18	165	0	5	0	0	1	52	6	1	0	6
OTHER PROFESS/TECHN/PARA:	42	722	6	377	24	236	0	0	2	58	10	45	0	6
Pharmacist	2	3	2	3	0	0	0	0	0	0	0	0	0	0
Pharmacy Technician	12	28	10	27	0	0	0	0	1	1	1	0	0	0
Dispensor	2	0	0	0	0	0	0	0	0	0	2	0	0	0
Dental Therapist	0	2	0	2	0	0	0	0	0	0	0	0	0	0
Dental Technician	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Dental Assistant	0	3	0	0	0	0	0	0	0	0	0	3	0	0
Laboratory Technician	10	12	6	9	0	0	0	0	2	1	2	0	0	2
Laboratory Assistant	13	19	9	17	1	0	0	0	2	1	1	1	0	0
Radiographer	2	6	1	4	0	0	0	0	0	0	1	2	0	0
Physiotherapist	0	2	0	1	0	0	0	0	0	0	0	1	0	0
Health Inspector	17	0	7	0	9	0	0	0	0	0	1	0	0	0
Health Assistant	51	18	45	13	4	5	0	0	2	0	0	0	0	0
T.B. Co-ordinator	9	9	9	9	0	0	0	0	0	0	0	0	0	0
Audiology Technician	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Audiological Assistant	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Orthopaedic Technician	4	0	4	0	0	0	0	0	0	0	0	0	0	0
Assist.Orthop.Technic.	3	0	3	0	0	0	0	0	0	0	0	0	0	0
Graphic Designer	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Assist.Graphic Designer	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Hospital Engineer	1	0	1	0	0	0	0	0	0	0	0	0	0	0
X-ray Assistant	0	1	0	0	0	0	0	0	0	0	0	1	0	0
Medical Assistant	3	0	3	0	0	0	0	0	0	0	0	0	0	0
Entomologist	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Health Administrative Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Planning Officer	2	1	2	0	0	0	0	1	0	0	0	0	0	0
Assistant Statistician	1	1	0	0	0	0	1	1	0	0	0	0	0	0
Statistical Officer	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Junior Medical Rec.Off.	0	2	0	0	0	0	0	2	0	0	0	0	0	0
Health Education Officer	3	3	3	3	0	0	0	0	0	0	0	0	0	0
Nutrition Officer	1	4	1	4	0	0	0	0	0	0	0	0	0	0
Nutrition Planner	1	0	1	0	0	0	0	0	0	0	0	0	0	0
MCH Officer	0	1	0	1	0	0	0	0	0	0	0	0	0	0
FP Evaluation Officer	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Family Welfare Educator	22	525	0	0	21	501	0	0	0	20	1	4	0	0
H.E. Nutrition Officer	1	8	1	8	0	0	0	0	0	0	0	0	0	0
Commissioner for H/C	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Social Welfare Officer	2	6	2	6	0	0	0	0	0	0	0	0	0	0
Assist.Social Welf.Off.	2	6	2	6	0	0	0	0	0	0	0	0	0	0
Other Technician	7	5	0	2	0	0	0	0	5	3	2	0	0	0
Other Technical Assist.	7	4	2	3	0	0	0	0	2	0	3	0	0	1
ADMIN/FINAN/PERSONNEL:														
Under Secretary	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Admin/Finan/Personnel	17	18	5	10	0	0	5	2	6	4	1	2	0	0
Other Admin/Clerical	33	162	23	121	2	3	3	14	2	14	3	8	0	2
INDUSTRIAL STAFF:	796	853	524	522	193	159	3	1	34	89	39	56	3	26

TABLE 3.5

HEALTH PERSONNEL BY CATEGORY, ACCORDING TO EMPLOYMENT - 31.12.83

	TOTAL		HEAD- QUART.		N.H.I.		REGIONAL HEALTH TEAM		HOSP. ITAL.		HEALTH CENTRE		CLINIC		HEALTH POST		OTHER	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL:	1251	3337	79	119	40	170	133	70	562	1599	107	190	247	840	31	300	32	49
PROFESSIONAL MEDICAL:																		
Doctors	113	33	5	1	0	0	14	0	69	26	3	0	4	0	0	0	18	4
Intern	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Student Doctors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROFESSIONAL DENTAL:	7	2	0	0	0	0	0	0	5	1	0	0	0	0	0	0	2	1
Registered Nurses	28	567	0	8	10	72	1	14	10	270	0	24	7	173	0	6	0	0
Enrolled Nurse Midwife	1	80	0	0	0	0	0	0	1	46	0	7	0	25	0	1	0	1
Enrolled Nurse	42	722	0	1	0	0	0	1	18	432	0	36	23	197	1	49	0	6
Hospital Orderlies	25	229	0	0	0	0	0	0	21	183	2	31	2	9	0	0	0	6
OTHER PROFESSIONAL/TECHNICAL/PARAMEDICAL:																		
Pharmacist	2	3	2	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0
Pharmacy Technician	12	28	1	3	0	0	0	0	9	24	2	1	0	0	0	0	0	0
Dispensor	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Dental Therapist	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Dental Technician	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Dental Assistant	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Laboratory Technician	10	12	0	0	1	2	0	0	9	6	0	2	0	0	0	0	0	2
Laboratory Assistant	13	19	0	0	0	0	0	0	10	19	2	0	1	0	0	0	0	0
Radiographer	2	6	0	0	0	0	0	0	2	6	0	0	0	0	0	0	0	0
Physiotherapist	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Health Inspector	17	0	2	0	1	0	4	0	1	0	0	0	0	0	0	0	9	0
Health Assistant	51	18	4	2	0	0	21	10	17	3	2	1	7	0	0	2	0	0
T.B. Co-ordinator	9	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0
Audiology Technician	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Audiological Assistant	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthopaedic Technician	4	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Assistant Orthopaedic Technician	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graphic Designer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Graphic Designer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital Engineer	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
X-ray Assistant	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Medical Assistant	3	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
Entomologist	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Health Administrative Officer	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Planning Officer	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Statistician	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Statistical Officer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Junior Medical Record Officer	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Education Officer	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrition Officer	1	4	1	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Nutrition Planner	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 3.5 (Cont.)

HEALTH PERSONNEL BY CATEGORY, ACCORDING TO EMPLOYMENT - 31.12.83

	TOTAL		HEAD- QUART.		N.H.I.		REGIONAL HEALTH TEAM		HOS- PITAL		HEALTH CENTRE		CLINIC		HEALTH POST		OTHER	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Maternal Child Health Officer	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Family Planning Evaluation Officer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Family Welfare Educator	22	525	0	0	0	0	0	0	0	11	0	15	7	271	15	228	0	0
Health Education Nutrition Officer	1	8	0	0	0	0	1	8	0	0	0	0	0	0	0	0	0	0
Commissioner for the Handicapped	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Welfare Officer	2	6	1	3	0	0	1	3	0	0	0	0	0	0	0	0	0	0
Assistant Social Welfare Officer	2	6	1	3	0	0	1	3	0	0	0	0	0	0	0	0	0	0
Other Technician	7	5	0	0	0	0	0	0	4	2	0	0	3	3	0	0	0	0
Other Technical Assistant	7	4	0	0	0	1	0	0	6	2	0	0	1	0	0	0	0	1
ADMINISTRATION/FINANCE/PERSONNEL:																		
Under Secretary	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Administration/Finance/Personnel	17	18	6	8	0	1	1	0	8	9	0	0	2	0	0	0	0	0
Other Administrative/Clerical	33	162	6	56	3	13	1	15	16	66	4	2	3	8	0	0	0	2
INDUSTRIAL STAFF:	796	853	33	21	25	79	77	6	365	482	91	71	187	154	15	14	3	26

NOTES: HEADQUART. = HEADQUARTERS
 N.H.I. = NATIONAL HEALTH INSTITUTE
 M = MALE
 F = FEMALE

* Other Technicians includes Housekeeper, Workshop Foreman, Electricians, First Aid Instructor

** Other Technical Assistant includes Assistant Housekeeper, Workshop Welder, Transport Officer, First Aid Attendant

TABLE 3.6

HEALTH PERSONNEL IN MINISTRY HEADQUARTERS AND SPECIALISED UNITS BY CATEGORY AND SEX - 1983

	TOTAL		MINISTRY OF HEALTH H/QUARTERS		MCH/FP UNIT		HEALTH EDUCAT. UNIT		NUTRIT. UNIT		E.P.I.		EPIDE- MIOLOGY		SPECIAL SERVICES UNIT FOR H/CAPPED		MEDICAL STATIST. UNIT		MEDICAL STORES		OCCUPATIONAL HEALTH UNIT	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	79	119	21	41	0	4	5	9	2	3	2	0	1	0	8	11	7	23	31	27	2	1
PROFESSIONAL MEDICAL:																						
Permanent Secretary	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chief Medical Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Principal Med. Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical Officer	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
PROFESSIONAL NURSING:																						
Director of Nurs.Serv.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Nursing Staff	0	8	0	1	0	2	0	1	0	0	0	0	0	0	0	1	0	2	0	0	0	1
OTHER PROFESS/TECHNICAL																						
Chief Pharmacist	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Principal Pharmacist	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pharmacy Technician	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0
Chief Env. Hea. Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chief Health Insp.	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Health Assistant	4	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	1	0
Commis. for Handicap.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Snr.Social Welf. Off.	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Social Welfare Officer	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Assist.Soc.Welf.Off.	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
Chief Hea.Educ.Off.	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Snr.Hea.Educ. Off.	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Education Off.	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Snr.Graphic Designer	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assist. Graphic Desig.	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chief Nutritionist	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Senior Nutritionist	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Nutritionist	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Nutrition Planner	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Senior Planning Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planning Officer	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Audiology Technician	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Audiological Assist.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Orthopaedic Techn.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Assist.Orthop.Tech.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Family Plann.Eval.Off.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
MCH Officer	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Statistician	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Junior Med. Rec. Off.	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Statistical Officer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

TABLE 3.6 (Cont.)

HEALTH PERSONNEL IN MINISTRY HEADQUARTERS AND SPECIALISED UNITS BY CATEGORY AND SEX - 1983

	TOTAL		MINISTRY OF HEALTH H/QUARTERS		MCH/FP UNIT		HEALTH EDUCAT. UNIT		NUTRIT. UNIT		E.P.I.		EPIDE- MIOLOGY		SPECIAL SERVICES UNIT FOR H/CAPPED		MEDICAL STATIST. UNIT		MEDICAL STORES		OCCUPATIONAL HEALTH UNIT	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Assist. Statist.Off.	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
Statistical Assist.	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
Statistical Clerk	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
ADMINISTR./FIN./PERS.																						
Under Secretary	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin./Fin./Pers.	6	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0
Other Admin.(Clerical)	5	42	3	27	0	0	0	5	0	0	0	0	0	0	0	1	0	1	2	8	0	0
INDUSTRIAL STAFF	33	21	5	6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	26	13	0	0

NOTES:	H/QUARTERS	=	HEADQUARTERS
	EDUCAT.	=	EDUCATION
	NUTRIT.	=	NUTRITION
	H/CAPPED	=	HANDICAPPED
	STATIST.	=	STATISTICS
	Off.	=	Officer
	Med.	=	Medical
	Nurs.	=	Nursing
	Serv.	=	Services
	Env.	=	Environmental
	Hea.	=	Health
	Insp.	=	Inspector
	Commis.	=	Commissioner
	Snr.	=	Senior
	Assist.	=	Assistant
	Plann.	=	Planning
	Eval.	=	Evaluation
	Rec.	=	Record
	Administr.	=	Administration
	Fin.	=	Finance
	Pers.	=	Personnel

TABLE 3.7

HEALTH PERSONNEL BY CATEGORY, MEDICAL

	TOTAL		MAUN NGAMI- LAND		F/TOWN TOWN		FRANCISTOWN NORTH EAST		TUTUME CENTRAL PART		SEROWE CENTRAL PART		B O T E T I ORAPA TOWN		CENTRAL PART		SELEBI/PHIKWE S/PH. TOWN		CENTRAL PART		CENTRAL PART	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	1251		98		81		18		22		93		32		18		65		28		61	
PROFESSIONAL MEDICAL:		3337		178		248		60		66		262		58		47		159		87		200
Doctors	113	33	5	2	15	5	0	0	1	0	9	0	4	0	0	0	7	2	0	0	6	1
Interns	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Student Doctors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PROFESSIONAL DENTAL:	7	2	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
PROFESSIONAL NURSING:																						
Registered Nurses	28	567	3	23	1	39	1	4	1	9	2	45	2	13	0	10	0	30	0	11	2	27
Enrolled Nurse Mid.	1	80	0	3	0	17	0	2	0	2	0	5	0	1	0	1	1	2	0	2	0	5
Enrolled Nurse	42	722	2	43	9	43	1	17	0	13	2	70	0	14	0	9	9	40	1	18	0	56
Hospital Orderly	25	229	0	12	1	20	0	0	0	0	1	30	0	0	1	3	4	2	0	12	2	11
OTHER PROFESS/TEC/PAR:																						
Pharmacist	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pharmacy Technician	12	28	3	0	0	5	0	0	0	0	1	3	0	0	0	0	2	1	0	0	0	0
Dispensor	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2
Dental Therapist	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dental Technician	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dental Assistant	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Laboratory Technician	10	12	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Laboratory Assistant	13	19	1	1	0	4	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
Radiographer	2	6	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Physiotherapist	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Health Inspector	17	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0
Health Assistant	51	18	5	0	4	0	0	0	5	0	4	3	0	0	0	0	0	4	0	0	8	1
T.B. Coordinator	9	9	1	1	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0
Audiology Technician	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Audiology Assistant	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthopaedic Technician	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Orthop. Techn.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graphic Designer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Graphic Designer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital Engineer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X-Ray Assistant	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical Assistant	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Entomologist	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Administration Off.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planning Officer	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Statistician	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Statistical Officer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Junior Medical Record Off.	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Education Officer	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrition Officer	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrition Planner	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCH Officer	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FP Evaluation	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FWE	22	525	7	33	0	22	0	27	0	31	2	38	0	0	1	14	0	18	0	24	0	42
H.E. Nutrition Officer	1	8	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0
Commissioner for H/C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Welfare Officer	2	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Assist.Social Welf.Off.	2	6	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Other Technician	7	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Technical Assistant	7	4	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	3	0
ADMIN/FINAN/PERSONNEL:																						
Under Secretary	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Admin/Finan/Personnel	17	18	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	1	0	0	1	1
Other Admin/Clerical	33	162	4	8	2	7	0	0	0	0	3	8	1	2	0	1	0	8	1	0	1	6
INDUSTRIAL STAFF:	796	853	63	49	46	81	16	10	15	9	63	58	18	22	16	9	36	47	26	19	35	41

REGION, ADMINISTRATIVE DISTRICT AND SEX - 31.12.83

KWEN. KWE- NENG	M	F	LOB. TOWN	M	F	L O B A T S E		SOU- THERN	M	F	GANTSI	M	F	G A B O R O N E		SOUTH EAST	M	F	KASANE		CHOBE	M	F	KGAL. KGALA- GADI		M	F
						JWAN. TOWN	M							F	GAB. TOWN				M	F				KGA- TLENG	M		
115			112			34		48			44			270		29		30		30				23			
	324			274			77		234			87			582		140		143		38				73		
6	0		8	2		3	0	3	1		2	0	36	19		2	0	3	1	2	0		1	0			
0	0		0	0		0	0	0	0		0	0	2	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		1	0	0	0		0	0	3	2		0	0	0	0	0	0		0	0			
1	54		4	54		0	17	1	40		0	12	8	115		2	16	0	28	0	6		0	14			
0	8		0	5		0	4	0	3		0	1	0	9		0	6	0	1	0	2		0	1			
1	84		3	63		4	21	1	46		0	23	6	91		2	37	0	19	0	6		1	9			
1	14		10	30		0	0	0	24		0	5	3	33		0	3	1	25	1	2		0	3			
0	0		0	0		0	0	0	0		0	0	2	3		0	0	0	0	0	0		0	0			
0	3		0	5		1	0	0	0		0	1	2	7		0	0	1	1	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		1	0			
0	0		0	0		0	0	0	0		0	0	0	2		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	1	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	1		0	1		1	0	1	0		0	0	5	5		1	0	0	1	0	0		0	0			
1	1		0	2		0	1	2	0		1	0	2	7		0	0	1	1	1	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	3		0	0	0	0	0	0		0	0			
1	0		2	0		1	0	0	0		0	0	8	0		0	0	0	0	0	0		0	0			
2	0		8	1		0	0	2	0		1	1	9	6		0	0	0	2	1	0		2	0			
2	0		2	1		0	0	0	0		0	0	1	0		0	0	0	0	0	1		1	0			
0	0		0	0		0	0	0	0		0	0	0	1		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	1		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	4		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	3	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	1	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0		0	0	0	0		0	0	0	0	0	0		0	0			
0	0		0	0		0	0	0	0																		

TABLE 3.7 (Cont.)

HEALTH PERSONNEL BY CATEGORY, MEDICAL REGION, ADMINISTRATIVE DISTRICT AND SEX - 31.12.83

NOTES:	F/TOWN	=	FRANCISTOWN
	S/PH.	=	SELIBE/PHIKWE
	MAHAL.	=	MAHALAPYE
	KWEN.	=	KWENENG
	LOB.	=	LOBATSE
	JWAN.	=	JWANENG
	GAB.	=	GABORONE
	KGAL.	=	KGALAGADI
	Mid.	=	Midwife
	PROFESS	=	PROFESSIONAL
	TEC	=	TECHNICAL
	PAR	=	PARAMEDICAL
	T.B.	=	Tuberculosis
	Assist.	=	Assistant
	Technic.	=	Technician
	Orthop.	=	Orthopaedic
	Desig.	=	Designer
	Admin.	=	Administrative/Administration
	Jun.Med.Rec.	=	Junior Medical Record Officer
	FP	=	Family Planning
	FWE	=	Family Welfare Educator
	H.E.	=	Health Education
	H/C	=	Handicapped
	ADMIN/FINAN/	=	Administration/Finance

* Other Technicians includes Housekeeper, Workshop Foreman, Electricians, First Aid Instructor

** Other Technical Assistant includes Assistant Housekeeper, Workshop Welder, Transport Officer, First Aid Instructor

TABLE 3.8

PERSONNEL BY CATEGORY: NATIONAL HEALTH INSTITUTE 1983

CATEGORY OF STAFF	TOTAL ALL STAFF		NATIONALS		TOTAL		WHO		O T H E R		T.C.O. (BRITISH)		LOCAL		NORAD	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
PROFESSIONAL NURSING:																
Principal Tutor	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Assistant Principal Tutor	0	4	0	3	0	1	0	0	0	0	0	0	0	1	0	0
Senior Tutor	2	3	0	1	2	2	0	0	0	0	0	0	2	2	0	0
+Tutor	2	21	1	19	1	2	0	0	0	0	0	2	1	0	0	0
Senior Sister	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Sister	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
++ Clinical Instructor	6	35	6	34	0	1	0	0	0	0	0	0	0	1	0	0
PROFESSIONAL: OTHER																
Health Inspector	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Senior Laboratory Tutor	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Tutor	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0
Pharmacy Tutor	0	2	0	0	0	2	0	0	0	0	0	0	0	1	0	1
T O T A L	12	70	8	61	4	9	0	1	1	0	0	2	3	5	0	1

NOTES: + Includes 1 Tutor on study leave

++ Includes 20 clinical instructors on B.Ed programme and are on study leave

TABLE 3.9

HEALTH PERSONNEL BY CATEGORY AND SEX IN TRAINING INSTITUTIONS - 1983

CATEGORY OF STAFF	TOTAL ALL STAFF		N.H.I GABORONE		ENROLLED TOTAL		LOBATSE		NURSING MOLEPOLOLE		SCHOOLS SEROWE		FRANCISTOWN		TOTAL		OTHER B L H		D R M		S D A	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
PROFESSIONAL NURSING:																						
Principal Tutor	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Assistant Principal Tutor	0	4	0	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Senior Tutor	2	3	1	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tutors +	2	23	1	11	1	10	0	2	0	3	1	1	0	4	0	2	0	0	0	1	0	1
Senior Sister	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Sister	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Clerical Instructor ++	6	37	4	20	2	15	2	5	0	4	0	4	0	2	0	2	0	0	0	1	0	1
PROFESSIONAL OTHER:																						
Health Inspector	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senior Laboratory Tutor	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laboratory Tutor	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T O T A L	12	76	8	42	4	28	3	8	0	7	1	5	0	8	0	6	0	1	0	2	0	3

NOTES: + Includes 1 Tutor on study leave
 ++ Includes 20 clinical instructors on B.Ed programme and are on study leave
 N.H.I. National Health Institute
 B L H Bamaletse Lutheran Hospital
 D R M Deborah Retief Memorial
 S D A Seventh Day Adventist

TABLE 3.10

HEALTH MANPOWER TRAINING IN BOTSWANA
NUMBER OF STUDENTS ADMITTED AND COMPLETED FROM 1981 - 83
ACCORDING TO COURSE

TRAINING COURSE	DURA- TION (YEARS)	1981		1982		1983	
		A	C	A	C	A	C
Registered Nurse	3	80	64	95	50	80	68
Registered Nurse Midwife	1	69	68	61	50	68	68
Nurse Anaesthetist	1	0	0	4	0	4	4
Nurse Practitioner	1	14	0	0	14	0	0
Community Health Nurse	1	14	0	0	13	10	0
Nurse Educator (B.Ed)	3	8	5	9	8	7	5
Enrolled Nurse	2	130	110	120	110	130	120
Enrolled Nurse Midwife	1	0	0	20	40	20	0
Medical Records Clerk	1	0	0	5	4	6	7
Health Assistant Sanitation	2	20	25	0	0	26	20
Dental Therapist	3	0	0	5	0	10	0
Pharmacy Technician	3	12	6	12	11	12	9
Health Laboratory Assistant	2	15	0	15	12	15	14
Health Educator/Nutritionist	2	12	0	0	9	12	0
Health Laboratory Technician	3	0	0	0	0	11	0
MISSION:							
Registered Nurse	3	11	4	10	9	10	6
Enrolled Nurse	2	15*	21	46	32	2**	6**

NOTES: *Number of students admitted is not available for Deborah Retief Memorial Hospital for 1981.

A = Admitted

C = Completed

** Mission: - No. of Enrolled Nurses Admitted and Completed is not available for Deborah Retief Memorial School of Nursing for 1983.

Bamalete Lutheran Hospital School of Nursing has been suspended indefinitely from January 1983.

TABLE 3.11

NUMBER OF FAMILY WELFARE EDUCATORS TRAINED ACCORDING TO TRAINING COURSE (1978 - 1983):
MINISTRY OF HEALTH BOTSWANA

STARTING DATE OF TRAINING COURSE		NUMBER OF TRAINEES									S U C C E S S F U L M F TOTAL		
		A D M I T T E D			D R O P P E D O U T		F A I L E D						
		M	F	TOTAL	M	F	M	F					
1978:	January	2	30	32	0	0	0	0	2	30	32		
	May	0	28	28	0	0	0	2	0	26	26		
	September	0	22	22	0	0	0	6	0	16	16		
1979:	January	3	27	30	0	0	2	0	1	27	28		
	May	2	26	28	0	0	0	2	2	24	26		
	September	4	6	10	0	0	0	2	4	4	8		
1980:	January	2	21	23	0	0	1	4	1	17	18		
	May	0	11	11	0	0	0	1	0	10	10		
	September	1	12	13	0	0	0	2	1	10	11		
1981:	January	1	17	18	0	0	1	3	0	14	14		
	May	0	20	20	0	0	0	6	0	14	14		
	September	2	23	25	0	1	0	7	2	15	17		
1982:	January	0	10	10	0	0	0	5	0	5	5		
	May	1	20	21	0	1	0	3	1	16	17		
	September	1	21	22	0	0	1	2	0	19	19		
1983:	January	4	11	15	0	0	0	3	4	8	12		
	May	5	16	21	0	0	0	1	5	15	20		
	September	5	14	19	0	0	1	2	4	12	16		

NOTE: 1. The Family Welfare Educators (FWEs) Training Courses are of 11 week duration and are normally held three times every year.

2. Prior to 1978, about 342 FWEs had been trained, so that there were 650 FWEs at the end of 1983.

TABLE 3.12

FELLOWSHIPS AWARDED IN TRAINING ABROAD ACCORDING TO COURSE AND SPONSORING AGENCY 1983

COURSE	NO. OF STUDENTS IN TRAINING						SPONSORING AGENCY									ACCD AND WRF	OTHERS	STUDENTS			
	JANUARY 1983		AWARD 1983		TOTAL	BOG	WHO	SIDA	CIDA	CFTC	USAID	UK	COMPLE- TED IN 1983	IN TRAINING 31.12.83							
	M	F	M	F											M			F	M	F	M
Medicine	11	7	2	0	20	9	1	1	0	0	0	0	0	0	9	0	0	13	7		
Dentistry	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1		
Nursing:																					
Ophthalmic Nursing	0	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0	2	0	0		
B.Sc	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0		
Family Nurse Practitioner	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1		
Pharmacy	7	5	0	1	13	13	0	0	0	0	0	0	0	0	0	0	0	7	6		
Dietetics and Nutrition	0	5	0	1	6	5	0	0	0	0	1	0	0	0	0	0	0	0	6		
Masters in Public Health	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0		
Medical Laboratory Technology	5	7	0	0	12	5	0	0	3	3	0	0	0	1	0	0	5	7	0		
Meat Inspection	2	0	2	0	4	4	0	0	0	0	0	0	0	0	2	0	2	0	0		
Diploma in Meat Technology	1	0	2	0	3	1	0	0	0	0	0	1	0	1	0	0	3	0	0		
Health Inspection	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		
Diploma Radiography	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0		
Physical Therapy	1	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	1	1	0		
Medical Technician	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0		
Degree in Health Education	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0		
Physiotherapy	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0		
Public Health	0	1	1	0	2	0	0	0	0	0	1	1	0	0	0	0	1	1	0		
MSc Biostatistics	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0		
X-Ray Technician	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0		
Water Supply and Sanitation	0	0	3	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0		
Special Course T.B.	0	0	2	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0		
Prosthetics and Orthotics	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0		
TOTALS: ALL COURSES	33	30	14	5	82	43	7	1	4	3	6	5	1	12	10	4	37	31			

NOTES: BOG - Botswana Government
WHO - World Health Organization
SIDA - Swedish International Development Agency
CIDA - Canadian International Development Agency
CFTC - Commonwealth Fund for Technical Cooperation
USAID - United States Agency for International Development
UK - United Kingdom
ACCD - Association for the aid of Crippled Children
WRF - World Rehabilitation Fund
M - Male
F - Female

SECTION 4: OUT-PATIENT STATISTICS

1. OUT-PATIENT SERVICES

To allow timely data to be available to users, the reporting system of out-patient statistics was reviewed and a new out-patient and preventive health statistics monthly summary form (MH 1049) was introduced in 1983. A sample form has been attached to the appendix.

For comparison sake and to check the quality of reporting of facility using the new method, only those facilities which sent 75% of the data monthly for 6 months were considered for tabulation. Therefore information presented in the following tables does not give a true picture of the coverage of the services rendered, since the facilities which did not meet the above requirement are not included for tabulation.

Table 4 - gives information regarding all out-patients by diagnosis and age for all facilities that reported 75% or more data for six months. The workload tables are given by region and type of services rendered. Regional information regarding out-patient visits by diagnosis and age are sent directly to the regions.

2. ANTE-NATAL CARE SERVICES

Ante-natal care services are provided to all expectant mothers throughout the facility. Besides ante-natal care, health education is part of the routine task that nurses teach expectant mothers and as such the target population has been highly motivated to attend ANC. This is supported by the routine health services statistics and various surveys that have been carried out, that the coverage is about 80% or more.

3. POST-NATAL CARE SERVICES

Unlike ante-natal care services, post-natal care services have not shown much improvement in terms increased visits and routine check of mothers after delivery. Figures show that a relative small number of mothers attend post natal clinics. Most of the post natal visits are mainly of those mothers who have complications after delivery.

As previously said, a change in the method was desirable may be the adoption of integrated approach in the provision of health services will improve the number of visits.

4. INFANT AND CHILD CARE

Infant and child care routinely provided by health workers includes the following:-

- routine immunizations of all infants delivered in health institutions against tuberculosis and measles.
- routine check up of infants and children attending clinics for their growth and development.
- immunizations (DPT, Polio and Booster) of children attending Child Welfare Clinics.
- Nutrition surveillance programme which aims at identifying undernourished children and thereby allowing the responsible authorities to take the necessary remedial action. This activity has served much purpose especially during the years of drought. The regional target is to reduce malnourished children to less than 25%. However to develop a systematic approach to monitor infant and child care, setting of targets and indicators need to be developed e.g. a regular calculation of infant mortality rate and regular check that such epidemic diseases as measles are under control.

5. IMMUNIZATIONS

Immunizations in Botswana are not compulsory but through the will of parents, vaccination coverage in children is relatively high. One factor is the health education activities conducted at facility level for mothers when they bring children to child welfare clinics. The data are collected using tally sheets and analysed by the Expanded Programme for Immunization Unit. Each health facility that conducts this sends the tally sheet to EPI directly for analysis. Table 4 gives information about the vaccine given, the target age group and the coverage within regions.

To assess coverage, all vaccinations have been compared with the estimated births within the country, as given by the table below.

REPORTED IMMUNISATION BY REGION IN 1983

REGION	D P T				P O L I O				BOG	MEASLES	ESTI- MATED BIRTHS
	1	2	3	BOOSTER	1	2	3	BOOSTER			
Maun	3 520	3 005	2 843	2 682	3 202	2 964	2 892	4 546	5 085	3 267	3 410
Francistown	3 679	3 231	2 855	2 696	3 106	1 978	3 043	4 233	6 134	2 929	3 470
Serowe	6 099	4 925	4 431	4 400	4 843	4 754	4 595	6 217	5 866	4 703	6 220
Selibe/Phikwe	4 825	3 964	3 672	3 930	4 486	4 019	4 074	6 356	6 977	4 261	3 800
Kweneng	7 071	6 927	6 602	5 591	6 737	6 803	7 260	9 201	9 380	6 294	5 880
Lobatse	6 608	6 102	4 988	5 057	5 667	5 581	5 533	6 936	8 294	6 003	7 320
Ghansai	1 060	867	757	628	867	761	671	1 000	1 471	827	960
Mahalapye	4 620	4 150	3 829	3 637	4 107	4 202	4 125	5 370	7 849	3 965	4 220
Gaborone	5 979	5 184	4 882	4 436	5 219	4 563	5 102	7 484	9 614	4 941	7 410
Chobe	413	343	376	461	367	322	323	774	774	371	400
Kgalagadi	1 205	975	870	944	1 102	934	853	1 812	2 025	920	1 210
Tutume	4 046	3 651	3 364	3 139	3 763	3 643	3 657	5 323	4 940	3 245	3 780
TOTAL	49 125	43 324	39 469	37 601	43 466	40 524	42 128	59 252	68 409	41 726	48 080
PERCENTAGE	102	90	82	78	90	84	87	123	142	86	

DPT AND POLIO DROP OUT

A reasonable explanation for that coverage of DPT 3 and Polio 3 were higher than first and second doses is that by end of 1983 the immunizations schedule was changed for DPT 3 and Polio 3, from 6 months of age to 4 months of age. The result was that children born in July 1983 were immunized after the old schedule and children born September 1983 were immunized after the new schedule. All of them got their DPT 3 and Polio 3 at the end of 1983 which means a higher coverage of DPT 3 and Polio 3.

6. FAMILY PLANNING SERVICES

Table 4 present data on family planning. The figures though represent only six months data, the number of new visits for family planning is probably inflated while the Ministry of Health defines a new acceptor as a woman who accepts a family planning method from any program facility for the first time, some health workers define first visit as first visit after last pregnancy first visit this year, first visit this method, first visit this facility or in other unapproval ways.

7. OPHTHALMOLOGICAL SERVICES

Several units are operational throughout the country and offer services to out-patients. From Table 4.17 only the Princess Marina Hospital clinic is operational throughout the year and of 6 857 patients seen. 79% of these were seen at Princess Marina Hospital clinic. Most patients visits the clinics between the months of September and November. Most patients who come to the clinic with complaints suffer from, conjunctiva, normal eyes and lens.

TABLE 4.1

OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS - 1983

NUMBER OF ATTENDANCES, BY DIAGNOSIS & AGE FOR -		BOTSWANA					REGION JJ
MONTH COVERED- JUL-TO-DEC	DIAGNOSIS	TOTAL	A G E				
CODE			<1	1-4	5-14	15-44	45+ % ATTEN- DANCES
01	INFECTIOUS AND PARASITIC DISEASES:						
0001	TYPHOID	293	55	115	36	73	5 0.0
0002	DIARRHOEA	42215	13854	17277	4455	5416	1211 6.2
0004	TUBERCULOSIS	20037	322	1408	3514	2255	5537 2.9
0006	WHOOPING COUGH	867	159	182	216	185	114 0.1
0008	POLIO MYELITIS	75	6	21	27	22	0 0.0
0009	CHICKENPOX	473	41	126	260	48	3 0.0
0012	MEASLES	6223	571	2123	3128	359	17 0.9
0015	VIRAL HEPATITIS	371	14	32	69	181	75 0.0
0016	MUMPS	948	32	245	478	182	11 0.1
0021	MALARIA	726	23	104	148	395	56 0.1
0022	SYPHILIS (CONFIRMED)	6567	29	35	439	5569	494 0.9
0023	GONORRHOEA (CONFIRMED)	28055	15	84	1349	22938	3670 4.1
0024	FUNGUS - INCLUDING RINGWORM	8653	873	3594	2716	1245	122 1.2
0026	WORMS	23	1	15	5	2	0 0.0
0028	WORMS	2508	155	795	749	739	70 0.3
0030	SCABIES	5008	758	1863	1652	542	93 0.7
0031	ALL OTHER INFECTIVE AND PARASITIC DISEASES	2457	144	435	597	1116	165 0.3
0253	TETANUS (NEONATAL)	57	3	8	13	35	8 0.0
5022	SYPHILIS (UNCONFIRMED)	1	0	0	0	1	0 0.0
5023	GONORRHOEA (UNCONFIRMED)	19	0	0	0	19	0 0.0
5028	BILHARZIA	15	3	5	3	4	0 0.0
6023	OTHER STD (CONFIRMED)	120	0	0	1	117	2 0.0
6031	RABIES	35	0	3	17	0	1 0.0
7023	OTHER STD (UNCONFIRMED)	897	0	1	4	889	3 0.1
7031	TRACHOMA	57	2	7	42	16	2 0.0
8031	DIPHTHERIA	1	0	1	0	0	0 0.0
9031	TETANUS	277	12	39	124	87	15 0.0
	SUB-TOTAL	127717	17123	23518	27042	49553	11674 18.7
02	TUMORS:						
4020	TUMORS (MALIGNANT/BENIGN/UNSPECIFIED NEOPLASMS)	698	30	85	92	356	135 0.1
	SUB-TOTAL	698	30	85	92	356	135 0.1
03	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES						
0052	MALNUTRITION, VITAMIN DEFICIENCIES	13504	2273	9127	1227	623	251 1.9
4030	ENDOCRINE AND METABOLIC DISEASES (EXCL. MALNUT & VITAMIN)	974	42	107	123	475	227 0.1
	SUB-TOTAL	14478	2315	9227	1350	1098	478 2.1
04	BLOOD DISEASES:						
4040	DISEASES OF BLOOD AND BLOOD FORMING ORGANS	747	29	123	141	365	82 0.1
	SUB-TOTAL	747	29	123	141	365	82 0.1
05	MENTAL DISORDERS:						
4051	PSYCHOSES	1708	2	35	86	695	170 0.1
4052	NEUROSES	2777	27	88	279	1896	480 0.4
4053	OTHER MENTAL AND PSYCHOLOGICAL DISORDERS	1569	17	47	200	1731	294 0.2

TABLE 4.1 (Cont.)

OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS - 1983

J02

NUMBER OF ATTENDANCES, BY DIAGNOSIS & AGE FOR -		BOTSWANA					REGION JJ
MONTH COVERED- JUL-TO-DEC	DIAGNOSIS	TOTAL	A G E				
CODE			<1	1-4	5-14	15-44	45+ % ATTEN- DANCES
4186	GROUP-----	15	0	1	1	13	0.3
	SUB-TOTAL	5332	46	171	566	3635	964 0.7
06	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS:						
0092	EYE INFECTIONS	12444	2834	4260	2145	2531	674 1.8
0101	EAR INFECTIONS	6578	1471	2284	1339	1442	172 0.9
4061	DISEASES OF THE NERVOUS SYSTEM	1479	52	130	283	764	250 0.2
4062	EYE DISEASES (EXCLUDING INFECTIONS)	9571	1839	2780	1712	2498	872 1.4
4063	EAR DISEASES (EXCLUDING INFECTIONS)	5142	952	1563	1066	1343	218 0.7
	SUB-TOTAL	35414	7088	11017	5515	8578	2116 5.2
07	DISEASES OF THE CIRCULATORY SYSTEM:						
4071	DISEASES OF THE HEART	3022	53	54	180	1583	1152 0.4
4072	BLOOD PRESSURE PROBLEMS	15245	134	117	345	5956	7723 2.2
4073	DISEASES OF THE VASCULAR SYSTEM	4100	550	1010	732	1345	463 0.6
	SUB-TOTAL	22367	737	1181	1257	9884	9338 3.3
08	RESPIRATORY SYSTEM DISEASES:						
0144	ASTHMA	3421	78	239	535	1696	873 0.5
0147	ASTHMA	955	47	101	138	457	252 0.1
4080	DISEASES OF THE RESPIRATORY SYSTEM (EXCLUDING ASTHMA)	211785	45023	72924	43914	60387	9837 31.3
	SUB-TOTAL	216171	45148	73264	44557	62240	10962 31.9
09	DIGESTIVE SYSTEM DISEASES:						
0149	DENTAL PROBLEMS	6248	50	236	1026	4134	792 0.9
4090	DISEASES OF THE DIGESTIVE SYSTEM (EXCLUDING DENTAL PROBLEMS)	52935	7035	13214	10714	18498	3475 7.8
	SUB-TOTAL	59184	7095	13450	11740	22632	4267 8.7
10	DISEASES OF THE GENITO URINARY SYSTEM:						
0183	PELVIC INFLAMMATORY DISEASE	5537	3	7	146	4852	579 0.8
4101	DISEASES OF THE URINARY SYSTEM (EXCLUDING URETHRITIS)	8884	130	367	749	5342	1296 1.3
4102	DISEASES OF THE MALE GENITAL ORGANS (EXCLUDING STD)	4787	53	155	310	3814	444 0.7
4103	DISEASES OF THE BREAST	2065	21	18	138	1723	165 0.3
4104	DISEASES OF THE FEMALE GENITAL ORGANS (EXCL. PELVIC)	6904	31	94	373	5818	588 1.0
4105	DISORDERS OF THE MENSTRUAL CYCLE	8915	4	13	354	7933	611 1.3
4106	FERTILITY PROBLEMS	2435	11	46	67	2199	113 0.3
	SUB-TOTAL	39573	253	701	2137	32681	3796 5.8
11	PREGNANCY, CHILDBIRTH, AND PUERPERIUM:						
0201	ABORTION	138	29	28	25	49	7 0.0
4110	PREGNANCY, CHILDBIRTH AND PUERPERIUM (EXCLUDING ABORTION)	7600	53	63	265	5911	308 1.1
	SUB-TOTAL	7738	82	91	290	6960	315 1.1
12	SKIN AND SUBCUTANEOUS TISSUE DISEASES:						

TABLE 4.1 (Cont.)

OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS - 1983

NUMBER OF ATTENDANCES, BY DIAGNOSIS & AGE FOR -		BOTSWANA					REGION 7J
MONTH COVERED- JUL-TO-DEC	DIAGNOSIS	TOTAL	A G E				
CODE			<1	1-4	5-14	15-44	45+ & ATTN- DANCES
0211	SKIN INFECTIONS (EXCLUDING RINGWORM, SCABIES)	26823	6097	7754	5220	7135	1357 3.9
4120	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUES (EXCL RINGWORM)	14815	1956	3125	2754	5945	1025 2.1
	SJB-TOTAL	41638	8053	11779	3984	13130	2382 6.1
13	MUSCULOSKELETAL AND CONNECTIVE TISSUE DISEASES:						
4130	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	25701	217	552	2456	13847	5519 3.8
	SJB-TOTAL	25701	217	552	2456	13847	5519 3.8
14	CONGENITAL ANOMALIES:						
4140	CONGENITAL ANOMALIES	732	33	57	83	393	123 0.1
	SJB-TOTAL	732	33	57	83	393	123 0.1
15	PERINATAL CONDITIONS:						
4150	CERTAIN CONDITIONS IN CHILDREN ORIGINATING IN THE PERINATAL	842	123	105	143	377	94 0.1
	SJB-TOTAL	842	123	105	143	377	94 0.1
16	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS:						
0300	NEONATAL JAUNDICE	67	14	26	19	19	2 0.0
4160	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS (EXCL NEONATAL JA	35952	2558	3147	5751	17543	4932 5.3
	SJB-TOTAL	36019	2582	3165	5770	17562	4934 5.3
17	ACCIDENTS, INJURY, POISONING, AND VIOLENCE:						
0320	BURNS	5931	550	2398	1693	1334	150 0.3
4170	ACCIDENTS, INJURY, POISONING AND VIOLENCE (EXCL.BURNS,BITES	27923	759	5735	7046	13463	2380 4.1
4174	BITES (ANIMAL/HUMAN)	254	10	47	54	124	13 0.0
4175	ADVERSE EFFECTS OF DRUGS ETC.	857	40	157	157	395	75 0.1
4176	ACCIDENTS AT WORK	3257	17	65	213	2325	125 0.4
	SJB-TOTAL	38238	1374	6403	7763	17342	2746 5.5
18	SUPPLEMENTARY:						
0345	LOOP INSERTION OR CONTROL	1	0	0	0	1	0 0.0
	SJB-TOTAL	1	0	0	0	1	0 0.0
19	MEDICAL EXAMINATION	4271	28	103	245	5523	367 0.5
0340	PROPHYLACTIC IMMUNIZATION,INOC. & VACCINE	57	0	4	2	19	5 0.0
0353	MEDICAL & SURGICAL PROCEDURES WITH VACCINE	2	1	0	2	5	0 0.0
0354	ADVICE,HEALTH INSTRUCTION & HEALTH EDUCATION	11	3	3	5	1	1 0.0
	SJB-TOTAL	4341	32	110	252	5548	373 0.6

GRAND TOTAL

376277 97520 151498 115148 245753 51315 170.0

TABLE 4.2

OUT-PATIENT ATTENDANCE BY TYPE, REGION AND FACILITY
BOTSWANA JULY - DECEMBER 1983

REGION	FACILITY TYPE	GEN DIAG.	WELL BABY CARE NEW	REPEAT	ANTE NATAL CARE NEW	REPEAT	PNC	INJ & DRESS.	PILL	TOTAL FAMILY PLANNING IUD	INJ	COND.	OTHER
MAUN	Maun Hospital	12 877	0	0	0	0	0	9 773	3	0	0	0	0
	Clinics	28 594	1 095	20 158	982	3 258	275	23 182	1 557	88	14	209	2
	Health Posts	8 841	295	7 922	284	585	43	3 276	288	11	22	78	0
	TOTAL	50 312	1 390	28 080	1 266	3 843	318	36 231	1 848	99	36	287	2
FRANCISTOWN	Jubilee Hospital	15 697	27	832	141	1 407	208	23 600	172	166	15	7	0
	Clinics	17 308	535	16 541	477	2 742	338	12 926	2 272	373	21	142	13
	Health Posts	17 215	704	26 924	587	2 964	307	11 629	1 708	5	36	370	5
	TOTAL	50 220	1 266	44 297	1 205	7 113	853	48 155	4 152	544	72	519	18
SEROWE	Sekgoma Hospital	10 332	96	3 270	211	851	365	4 620	447	394	0	61	5
	Palapye H/Centre	13 590	177	6 388	273	1 308	159	8 133	709	205	47	191	0
	Clinics	13 622	584	29 791	462	2 592	46	12 272	1 184	168	37	203	6
	Health Posts	8 249	273	14 532	247	821	40	1 684	356	4	15	66	0
SELEBI/PHIKWE	TOTAL	45 793	1 130	53 981	1 193	5 572	610	26 709	2 696	771	99	521	11
	B.C.L. Hospital	14 059	31	431	24	222	416	2 110	60	20	43	174	2
	Selebi/Phikwe	14 109	576	1 778	301	1 173	94	16 007	757	294	21	11	8
	Bobonong H/Centre	6 444	224	10 423	216	984	51	6 367	83	20	23	89	0
43 SELEBI/PHIKWE	St. Peter's H/C	4 769	157	7 430	231	742	184	4 491	339	2	0	9	0
	Clinics	27 874	376	18 009	544	3 163	125	13 959	1 311	398	91	1 094	13
	Health Posts	5 936	279	12 100	249	901	41	3 555	868	67	21	131	1
	TOTAL	73 191	1 643	50 171	1 565	7 185	911	46 489	3 418	801	199	1 508	24
KWENENG	Scottish Living.	6 081	0	0	62	255	0	5 797	0	0	0	0	0
	Clinics	60 828	1 339	77 365	971	7 466	309	58 730	2 653	645	86	458	50
	Health Posts	27 322	682	33 234	458	1 542	66	17 245	793	6	15	246	7
	TOTAL	94 231	2 021	110 599	1 491	9 263	375	81 772	3 446	651	101	704	57
LOBATSE	Athlone Hospital	6 235	54	760	106	482	18	11 977	145	103	0	3	1
	Jwaneng Hospital	2 153	38	265	5	12	0	397	0	0	0	0	0
	Seventh Day A.H.	10 968	579	3 004	257	883	131	10 703	39	2	3	19	2
	Clinics	64 674	2 537	57 598	1 543	6 009	777	37 317	3 237	1 531	268	1 018	81
GANTS	Health Posts	26 531	959	20 688	450	846	70	3 455	925	38	23	517	3
	TOTAL	110 561	4 167	82 315	2 361	8 232	996	63 849	4 346	1 674	294	1 557	87
GANTSI	Gantsi H/Centre	7 164	86	1 820	54	327	12	3 909	180	60	20	0	1
	Clinics	842	13	707	16	65	12	497	45	6	3	13	0
	Health Posts	4 347	50	1 989	62	196	9	813	62	3	31	39	0
	TOTAL	12 353	149	4 516	132	588	33	5 219	287	69	54	52	1
MAHALAPYE	Mahalapye Gov't.	16 221	683	6 611	475	2 070	206	16 832	376	189	51	136	2
	Clinics	19 732	663	27 011	542	2 537	121	15 265	900	198	147	223	22
	Health Posts	19 315	846	34 859	414	939	139	5 742	789	5	13	314	4
	TOTAL	55 268	2 192	68 481	1 431	5 546	466	37 839	2 065	392	211	673	28
GABORONE	Princess Marina	2 440	134	1 182	357	2 910	250	0	672	489	37	225	164
	D.R. Memorial	7 023	220	146	299	352	139	5 680	526	40	12	65	13
	Clinics	97 361	2 001	53 130	2 345	8 826	566	73 193	12 107	2 408	162	2 769	250
	Health Posts	6 563	204	11 831	86	376	42	3 757	394	34	42	222	3
GABORONE	TOTAL	113 387	2 559	66 289	3 087	12 464	997	82 630	13 699	2 971	253	3 281	430

TABLE 4.2 (Cont.)

OUT-PATIENT ATTENDANCE BY TYPE, REGION AND FACILITY
BOTSWANA JULY - DECEMBER 1983

REGION	FACILITY TYPE	GEN DIAG.	WELL NEW	BABY CARE REPEAT	ANTE NATAL CARE NEW	REPEAT	PNC	INJ & DRESS.	PILL	TOTAL IUD	FAMILY INJ	PLANNING COND.	OTHER
KASANE	Kasane H/Centre	6 990	142	979	49	159	10	2 218	70	18	3	0	0
	Clinics	1 397	27	1 180	30	69	0	497	31	0	5	4	0
	Health Posts	1 818	29	2 205	18	49	44	347	75	3	0	20	0
	TOTAL	10 205	198	4 364	97	277	54	3 062	176	21	8	24	0
KGALAGADI	Tsabong H/Centre	2 624	30	1 883	69	290	12	2 154	197	31	11	43	0
	Clinics	10 082	115	6 384	153	666	33	7 694	275	54	31	88	1
	Health Posts	5 933	79	4 511	105	184	13	877	272	1	13	121	0
	TOTAL	18 639	224	12 778	327	1 140	58	10 725	744	86	55	252	1
TUTUME	Clinics	24 231	766	29 326	765	3 685	235	29 807	881	238	46	184	1
	Health Posts	4 937	215	8 746	162	352	3	1 010	291	14	8	85	5
	TOTAL	29 168	981	38 072	927	4 037	238	30 817	1 172	252	54	269	6
BOTETI	Orapa Hospital	2 147	10	819	38	180	4	2 412	161	36	8	4	0
	Rakops H/Centre	3 430	75	2 541	94	522	14	3 748	62	3	3	8	1
	Clinics	6 055	207	6 474	217	1 018	8	7 130	361	73	0	50	1
	Health Posts	1 312	34	2 012	56	118	1	353	70	0	1	2	0
	TOTAL	12 944	326	11 846	405	1 838	27	13 643	654	112	12	64	2
	GRAND TOTAL	676 272	18 246	575 789	15 487	67 098	5 936	487 140	38 703	8 443	1 448	9 711	667

NOTES:

GEN	=	General
DIAG.	=	Diagnosis
PNC	=	Post Natal Care
INJ	=	Injection
DRESS.	=	Dressing
COND.	=	Condom
H/C	=	Health Centre
Living.	=	Livingstone
A.H.	=	Adventist Hospital
Gov't	=	Government
B.C.L.	=	Bamangwato Concession Limited
D.R.	=	Deborah Retief

TABLE 4.3 NUMBER OF OUT-PATIENT (CURATIVE) ATTENDANCES BY TYPE AND PLACE - JULY - DECEMBER 1983*

PLACE	TYPE OF ATTENDANCES	
	GENERAL DIAGNOSIS	INJECTIONS AND DRESSINGS
URBAN:-		
Gaborone	54 565	51 478
Selibe/Phikwe	54 408	32 218
Francistown	35 949	41 833
Lobatse	26 140	28 255
Palapye	13 590	8 133
Jwaneng	2 153	397
Orapa	2 147	2 412
URBAN - TOTAL	188 952	164 726
RURAL - TOTAL	48 732	322 414
GRAND TOTAL - BOTSWANA	676 272	487 140

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.4

NUMBER OF ATTENDANCES BY FACILITY
BOTSWANA JULY - DECEMBER 1983

FACILITY TYPE	NUMBER OF ATTENDANCE	PERCENTAGE OF TOTAL ATTENDANCE	INJECTION AND DRESSING	PERCENTAGE OF TOTAL INJECTION	NUMBER OF REPORTS RECEIVED
Maun Hospital	12 877	1.90	9 773	2.01	5
Jubilee Hospital	15 697	2.32	23 600	4.84	6
Sekgoma Hospital	10 332	1.53	4 620	.95	6
Bamangwato Concession Limited Hospital	14 059	2.08	2 110	.43	6
Selibe/Phikwe Hospital	14 109	2.09	16 007	3.29	5
Scottish Livingstone Hospital	6 081	.90	5 797	1.19	2
Athlone Hospital	6 235	.92	11 977	2.46	4
Jwaneng Hospital	2 153	.32	397	.08	2
Seventh Day Adventist Hospital	10 968	1.62	10 703	2.20	4
Mahalapye Government Hospital	16 221	2.40	16 832	3.46	6
Princess Marina Hospital	2 440	.36	0	0.00	6
Deborah Ratief Memorial Hospital	7 023	1.04	5 680	1.17	6
Orapa Hospital	2 147	.32	2 412	.50	3
Palapye Health Centre	13 590	2.01	8 133	1.67	6
Bobonong Health Centre	6 444	.95	6 367	1.31	6
St. Peter's Health Centre	4 769	.71	4 491	.92	6
Gantsi Health Centre	7 164	1.06	3 909	.80	6
Kasane Health Centre	6 990	1.03	2 218	.46	6
Tsabong Health Centre	2 624	.39	2 154	.44	5
Rakops Health Centre	3 430	.51	3 748	.77	7
CLINICS	372 600	55.10	292 469	60.04	654
HEALTH POSTS	138 319	20.45	53 743	11.03	900
TOTAL	676 272	100.00	487 140	100.00	1 657

TABLE 4.5 NUMBER OF OUT-PATIENT (CURATIVE) ATTENDANCES BY TYPE
AND REGION - JULY - DECEMBER 1983*

REGION	TYPE OF ATTENDANCES	
	GENERAL DIAGNOSIS	INJECTIONS AND DRESSINGS
1. Maun	50 312	36 231
2. Francistown	50 220	48 155
3. Serowe	45 793	26 709
4. Selibe/Phikwe	73 191	46 489
5. Kweneng	94 231	81 772
6. Lobatse	110 561	63 849
7. Gantsi	12 353	5 219
8. Mahalapye	55 268	37 839
9. Gaborone	113 387	82 630
10. Kasane	10 205	3 062
11. Kgalagadi	18 639	10 725
12. Tutume	29 168	30 817
13. Boteti	12 944	13 643
TOTAL - BOTSWANA	676 272	487 140

*The 1983 out-patient returns (MH 1049 were sent on weekly basis from Health Facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.6

ANNUAL REPORT OF NOTIFIABLE DISEASES - 1983
MINISTRY OF HEALTH, BOTSWANA

FILE MH 23/4/1/1 FORM MH/ND/8(80)	NEONA- TAL TE- TANUS	DTPH- THER- IA	MALARIA CONF.	UNCONF.	MFA- SLES	MFING- ITIS	POLIO- MYEL- ITIS	RARTES EXP.	TY- PHOID	UTRAL HFPAT- ITIS	WHOOP- JNG COUGH	DIARRHOEA < 5 YRS	5+ YRS	TOTAL REPORTS			
	C D	C D	C D	C D	C D	C D	C D	C D	C D	C D	C D	C D	C D	E	R	%	
GABORONE																	
Gab TC	1 0	0 0	10 0	6 0	1943 5	13 0	0 0	60 0	2 0	49 0	1 0	4462 0	2097 0	1007	672	66.7	
South East	0 0	0 0	0 0	0 0	280 3	1 0	1 0	2 0	0 0	6 0	0 0	1109 5	398 0	424	276	65.1 *	
Kgatleng	0 0	0 0	0 0	0 0	259 3	0 0	0 0	0 0	0 0	0 0	0 0	1073 0	288 0	689	465	67.5	
KWENENG																	
Kweneng	3 1	0 0	11 0	0 0	1379 17	7 4	0 0	22 4	1 0	22 1	27 0	3000 1	965 12	1272	887	69.7	
LOBATSE																	
Lobatse TC	0 0	0 0	0 0	0 0	167 0	7 0	0 0	3 0	0 0	18 0	12 0	1341 0	481 0	477	258	54.1 *	
Jwaneng	0 0	0 0	0 0	0 0	24 0	0 0	0 0	0 0	0 0	2 0	0 0	0 0	0 0	53	38	71.7	
Southern	0 0	1 0	0 0	1 1	615 10	0 0	0 0	0 0	0 0	15 0	8 0	3127 1	795 1	848	492	58.0 *	
KGALAGADI																	
Kgalagadi	0 0	0 0	0 0	0 0	8 1	1 0	0 0	0 0	0 0	2 0	0 0	626 0	287 1	371	324	87.3	
GHANZI																	
Ghanzi	0 0	0 0	0 0	0 0	2 0	0 0	0 0	60 0	0 0	6 0	1 0	542 0	396 1	265	211	79.6	
MAUN																	
Ngamiland	3 1	0 0	23 0	294 0	51 2	5 0	0 0	38 0	0 0	8 1	51 0	2301 0	500 0	477	290	60.8 *	
KASANE																	
Chobe	0 0	0 0	127 1	807 0	20 0	0 0	0 0	1 0	0 0	12 0	0 0	508 0	324 2	265	233	87.9	
FRANCISTOWN																	
F/town TC	0 0	0 0	11 0	7 0	143 2	9 4	0 0	16 0	0 0	35 1	3 0	3339 4	914 0	689	567	82.3	
North East	0 0	0 0	0 0	0 0	83 0	0 0	0 0	9 0	0 0	0 0	0 0	1023 5	275 4	742	557	75.1	
TUTUME																	
Central (P)	0 0	0 0	0 0	58 0	292 1	0 0	0 0	2 0	0 0	0 0	0 0	1583 0	726 0	477	280	58.7 *	
SELIBE-PHIKWE																	
S/Phikwe TC	0 0	0 0	2 0	0 0	178 1	0 0	0 0	6 0	0 0	17 0	3 0	2490 0	1124 0	636	450	70.8	
Central (P)	0 0	0 0	4 1	6 0	24 0	0 0	0 0	10 0	0 0	3 0	4 0	1073 5	441 0	371	195	52.6 *	
SEROWE																	
Orapa TC	0 0	0 0	0 0	0 0	1 0	0 0	0 0	2 0	0 0	1 0	2 0	62 0	45 0	53	48	90.6	
Central (P)	1 0	0 0	0 0	1 0	511 4	5 0	1 0	4 0	0 0	13 1	6 0	4729 7	1651 4	954	889	93.2	
MAHAI APYE																	
Central (P)	0 0	0 0	0 0	0 0	562 0	0 0	0 0	0 0	0 0	28 0	14 0	2147 3	1384 0	901	655	72.7	
ALL REGIONS																	
Cur. Period	8 2	1 0	188 2	1180 1	6542 49	48 8	2 0	235 4	1 4	4 0	237 4	132 0	34535 31	13086 25	10971	7747	71.0
Jan. 1st.	8 2	1 0	188 2	1180 1	6542 49	48 8	2 0	235 4	1 4	4 0	237 4	132 0	34535 31	13086 25			

NOTES

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- There were no reports of cases or deaths from Quarantinable Diseases (i.e. Cholera, Plague, Yellow fever).
- '*' Indicates district from which less than 66.7% of expected forms were received
- Includes all notifications received to date
- Gab TC = Gaborone TC Central (P) = Central (Part)

C = Cases
D = Deaths
EXP. = EXPosures (Rabies)
E = Expected Reports
R = Received Reports

TABLE 4.7

ANNUAL REPORT OF NOTIFIABLE DISEASES - 1983
MINISTRY OF HEALTH, BOTSWANA

FILE MH 23/4/1/1 FORM MH/ND/B(80)		ALL DISTRICTS																				TOTAL REPORTS										
		NEONA- TAL TE- TANUS	DIPH- THER- IA	MALARIA		MEAS- LES	MENING- ITIS	POLIO- MYEL- ITIS		RABIES		TY- PHOID	VIRAL HEPAT- ITIS	WHOOP- ING COUGH	DIARRHOEA																	
				CONF	UNCONF.			C	D	C	D				C	D	C	D	< 5 YRS	5+ YRS												
				C	D			C	D	C	D				C	D	C	D	C	D	E	R	%									
January		1	0	0	0	9	0	33	1	12	0	4	0	0	0	21	0	0	0	0	29	0	0	0	1898	0	597	0	1035	593	57.3	*
February		2	1	0	0	31	0	59	0	65	0	1	1	0	0	6	0	0	0	0	16	0	5	0	2003	2	727	0	828	577	69.7	
March		0	0	0	0	15	0	127	0	71	0	1	0	0	0	11	0	0	0	0	25	0	2	0	2117	7	820	0	828	589	71.1	
April		1	1	0	0	37	1	200	0	10	0	10	1	0	0	4	0	0	2	0	24	1	24	0	4299	1	1478	5	1035	732	70.7	
May		0	0	0	0	38	0	168	0	7	0	5	0	0	0	17	2	1	0	0	19	0	5	0	4097	9	1414	3	828	611	73.8	
June		0	0	0	0	12	0	97	0	4	0	2	1	2	0	22	2	0	0	0	13	2	2	0	2800	2	916	2	828	585	70.7	
July		0	0	0	0	4	0	153	0	11	1	3	1	0	0	16	0	0	0	0	22	0	19	0	2713	3	972	6	1035	755	72.9	
August		0	0	0	0	2	1	54	0	44	2	5	1	0	0	6	0	0	0	0	17	1	19	0	2000	1	857	2	828	601	72.6	
September		0	0	0	0	3	0	36	0	586	0	5	1	0	0	19	0	0	2	0	19	0	8	0	2606	0	1265	2	828	634	76.6	
October		1	0	0	0	4	0	64	0	1615	11	7	1	0	0	50	0	0	0	0	15	0	19	0	3880	1	1650	5	1035	805	77.8	
November		1	0	0	0	14	0	91	0	2545	22	3	1	0	0	33	0	0	0	0	24	0	18	0	3287	0	1398	0	828	659	79.6	
December		2	0	1	0	19	0	98	0	1572	13	2	0	0	0	30	0	0	0	0	14	0	11	0	2835	5	992	0	1035	646	62.4	*
TOTAL		8	2	1	0	188	2	1180	1	6542	49	48	8	2	0	235	4	1	4	0	237	4	132	0	34535	31	13086	25	10971	7787	70.9	

NOTES

- There were no reports of cases or deaths from Quarantinable Diseases (i.e. Cholera, Plague, Yellow fever).
- '*' Indicates month in which less than 66.7% of expected forms were received.
- Includes all notifications received to date
- January, April, July, October and December include five weeks, other months include four weeks.
- Gab TC = Gaborone TC Central (P) = Central (Part)

C = Cases
D = Deaths
EXP. = EXPosures (Rabies)
E = Expected Reports
R = Received Reports

TABLE 4.8 NUMBER OF MATERNAL AND CHILD HEALTH ATTENDANCES BY TYPE AND PLACE -
JULY - DECEMBER 1983*

PLACE	ANTE NATAL CARE		POST	CHILD WELFARE	
	NEW	REPEAT	NATAL CARE	NEW	REPEAT
URBAN:-					
Gaborone	2 034	8 374	418	1 033	24 674
Selibe/Phikwe	866	4 493	643	981	19 129
Francistown	717	5 476	324	693	21 526
Lobatse	758	3 288	251	646	19 114
Palapye	273	1 308	159	177	6 388
Jwaneng	5	12	0	38	265
Orapa	38	180	4	10	819
URBAN TOTAL	4 691	23 131	1 799	3 578	91 915
RURAL TOTAL	10 796	43 967	4 137	14 668	483 874
GRAND TOTAL - BOTSWANA	15 487	67 098	5 936	18 246	575 789

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.9

NUMBER OF MATERNAL AND CHILD HEALTH
ATTENDANCES BY TYPE AND FACILITY - JULY - DECEMBER 1983*

FACILITY	ANTE NATAL CARE		POST NATAL CARE	CHILD WELFARE	
	NEW	REPEAT		NEW	REPEAT
HOSPITALS:					
Maun	0	0	0	0	0
Jubilee	141	1 407	208	27	832
Sekgoma	211	851	365	96	3 270
Selibe/Phikwe Government	301	1 173	94	576	1 778
B.C.L. (Mine)	24	222	416	31	431
Scottish Livingstone	62	255	0	0	0
Athlone	106	482	18	54	760
Seventh Day Adventist	257	883	131	579	3 004
Jwaneng	5	12	0	38	265
Mahalapye	475	2 070	206	683	6 611
Princess Marina	357	2 910	250	134	1 182
Deborah Retief Memorial	299	352	139	220	146
Bamalete Lutheran	0	0	0	0	0
Orapa	38	180	4	10	819
TOTAL - HOSPITALS	2 304	10 686	1 885	2 448	19 098
HEALTH CENTRES:					
Palapye	273	1 308	159	177	6 388
Bobonong	216	984	51	224	10 423
Mmadinare	231	742	184	157	7 430
Gantsi	54	327	12	86	1 820
Kasane	49	159	10	142	979
Tsabong	69	290	12	30	1 883
Rakops	94	522	14	75	2 541
TOTAL HEALTH CENTRES	85	4 524	434	891	31 464
TOTAL CLINICS	9 047	42 096	2 845	10 258	343 674
TOTAL HEALTH POSTS	3 178	9 873	818	4 649	181 553
GRAND TOTAL - BOTSWANA	15 487	67 098	5 936	18 246	575 789

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.10 NUMBER OF MATERNAL AND CHILD HEALTH ATTENDANCES BY TYPE AND REGION -
JULY - DECEMBER 1983*

REGION	ANTE NATAL CARE		POST NATAL CARE	CHILD WELFARE CARE	
	NEW	REPEAT		NEW	REPEAT
1. Maun	1 266	3 842	313	1 390	28 080
2. Francistown	1 205	7 113	853	1 266	44 297
3. Serowe	1 193	5 572	610	1 130	53 981
4. Selibe/Phikwe	1 565	7 185	911	1 643	50 171
5. Kweneng	1 491	9 263	375	2 021	110 599
6. Lobatse	2 361	8 232	996	4 167	82 315
7. Gantsi	132	588	33	149	4 516
8. Mahalapye	1 481	5 546	466	2 192	68 481
9. Gaborone	3 087	12 464	997	2 559	66 289
10. Kasane	97	222	54	198	4 364
11. Kgalagadi	327	1 140	58	224	12 778
12. Tutume	927	4 037	238	981	38 072
13. Boteti	405	1 838	27	326	11 846
TOTAL - BOTSWANA	15 487	67 088	5 936	18 246	575 789

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.11

NUMBER OF ANTE-NATAL CARE ATTENDANCE BY AGE AND FACILITY
BOTSWANA JULY - DECEMBER 1983

FACILITY TYPE	N E W							R E P E A T						
	15	15-19	20-29	30-39	40-44	45+	TOTAL	15	15-19	20-29	30-39	40-44	45+	TOTAL
Jubilee Hospital	3	35	70	31	2	0	141	74	248	558	363	139	25	1 407
Sekgoma Hospital	5	50	108	43	5	0	211	1	158	484	177	31	0	851
B.C.L. Hospital	0	2	17	5	0	0	24	0	5	126	73	18	0	222
Selebi/Phikwe Hos.	1	67	194	39	0	0	301	13	267	680	179	34	0	1 173
Scott.Living. Hos.	0	20	14	26	2	0	62	8	32	148	56	11	0	255
Athlone Hospital	0	19	71	16	0	0	106	6	73	269	114	17	3	482
Jwaneng Hospital	0	1	2	2	0	0	5	0	6	5	1	0	0	12
Seventh Day A.H.	1	45	137	66	8	0	257	0	129	467	267	15	5	883
5 Mahalapye Gov't.	0	88	245	127	13	2	475	0	379	1 152	463	75	1	2 070
P.M.H.	30	43	163	74	45	2	357	14	199	1 820	816	59	2	2 910
D.R.M.H.	68	109	53	59	10	0	299	43	93	156	38	22	0	352
Orapa Hospital	0	12	20	6	0	0	38	1	35	108	34	2	0	180
Palapye H/Centre	3	73	129	56	12	0	273	2	233	719	313	41	0	1 308
Bobonong H/Centre	2	39	110	56	9	0	216	0	123	525	274	58	4	984
St. Peter's H/C	4	42	94	67	24	0	231	15	146	294	202	82	3	742
Gantsi H/Centre	3	9	27	12	3	0	54	7	85	184	50	0	1	327
Kasane H/Centre	0	8	33	6	2	0	49	3	16	84	46	8	2	159
Tsabong H/Centre	3	10	48	5	2	1	69	28	32	138	81	9	2	290
Rakops H/Centre	3	25	40	20	6	0	94	19	114	199	152	38	0	522
CLINICS	191	1 924	4 554	2 006	348	24	9 047	400	7 149	22 831	10 191	1 420	105	42 096
HEALTH POSTS	101	643	1 515	756	150	13	3 178	178	1 455	5 172	2 540	474	54	9 873
TOTAL	418	3 264	7 644	3 478	641	42	15 487	812	10 977	36 119	16 430	2 553	207	67 098

NOTES: B.C.L. = Bamangwato Concession Limited
Gov't. = Government
D.R.M.H. = Deborah Retief Memorial Hospital

Scott.Living.Hos. = Scottish Livingstone Hospital
P.M.H. = Princess Marina Hospital
H/C = Health Centre

A.H. = Athlone Hospital
H/Centre = Health Centre

TABLE 4.12

VACCINATIONS REPORTED, BY HEALTH REGION, IN BOTSWANA 1ST. JANUARY TO 31ST. DECEMBER 1983

VACCINATIONS BY AGE GROUP	KGALAGADI	LOBATSE	GABORONE	KWENENG	MAHALAPYE	SEROWE	S/PHIKWE	F/TOWN	TUTUME	MAUN	CHOBE	GANTSI	TOTAL
BCG: 0 - 11 months	967	5 352	5 115	4 245	4 147	3 658	3 932	4 204	2 189	2 715	313	686	37 463
1 - 4 years	67	287	336	393	135	256	364	39	230	131	54	56	2 348
5 - 14 years	9	187	193	137	24	128	30	70	119	34	3	23	957
Revaccination S.E.	975	1 844	3 360	4 146	2 713	1 580	2 630	1 538	2 198	2 148	272	612	24 016
School leavers	7	624	610	459	830	244	21	283	204	57	132	94	3 565
DPT: 2 months	729	3 510	4 211	3 699	2 914	3 965	2 907	2 119	2 078	1 621	209	406	28 368
3 - 5 months	325	2 128	1 257	2 189	1 238	1 347	1 348	1 046	1 324	1 084	131	330	13 747
6 - 11 months	114	556	364	728	274	411	394	347	351	480	42	160	4 221
12 months +	37	414	147	455	194	376	176	167	293	335	31	164	2 789
2nd Dose: 3 months	461	2 207	3 148	2 164	1 957	1 986	2 018	1 380	1 140	820	113	216	17 610
4 - 6 months	317	2 554	1 498	2 708	1 376	1 761	1 312	1 172	1 457	1 009	144	275	15 583
7 - 11 months	137	874	370	1 226	483	553	395	482	595	605	49	170	5 939
12 months +	60	467	168	829	334	625	239	197	459	571	37	206	4 192
3rd Dose: 6 months	516	2 851	3 425	2 210	1 953	2 158	2 101	1 372	1 343	988	114	218	19 249
7 - 11 months	258	1 353	1 102	2 711	1 291	1 269	1 110	1 014	1 183	921	146	272	12 630
12 months +	96	784	355	1 681	585	1 004	461	469	838	934	116	267	7 590
Booster: 18 months	944	5 057	4 436	5 591	3 637	4 400	3 930	2 696	3 139	2 682	461	628	37 601
DT: 6 years	1 005	1 986	3 860	4 272	2 349	2 571	2 690	1 913	2 348	2 106	673	610	26 383
MEASLES: 9 months	596	3 628	3 852	3 284	2 478	2 721	3 101	2 042	1 881	1 591	197	346	25 717
10 - 11 months	175	1 353	740	1 534	741	860	698	524	709	750	78	221	8 383
12 - 24 months	149	1 022	349	1 476	746	1 122	462	363	655	926	96	260	7 626
Polio: 2 months	684	2 884	3 536	2 994	2 157	2 755	2 700	1 662	1 695	1 282	179	327	22 855
3 - 5 months	290	1 850	1 199	2 106	1 332	1 290	1 273	897	1 283	981	108	270	12 618
6 - 11 months	96	541	349	935	376	417	323	371	409	536	47	130	4 530
12 months +	32	392	135	702	242	381	190	176	376	403	33	140	3 202
2nd Dose: 3 months	477	1 903	2 200	1 710	1 477	1 852	1 969	139	994	697	103	159	13 680
4 - 6 months	306	2 424	1 710	2 468	1 528	1 664	1 424	1 102	1 350	952	123	241	15 292
7 - 11 months	104	794	452	1 476	618	601	364	477	632	658	60	152	6 388
12 months +	47	460	201	1 149	579	637	262	260	667	657	36	209	5 164
3rd Dose: 6 months	493	2 494	3 190	1 628	1 502	1 985	2 143	1 205	1 173	845	103	199	16 960
7 - 11 months	262	2 009	1 386	2 653	1 534	1 476	1 264	1 116	1 268	910	122	217	14 217
12 months +	98	1 030	526	2 979	1 089	1 134	667	722	1 216	1 137	98	255	10 951
1st Booster: 18 months	929	5 053	4 527	5 686	3 545	3 666	3 893	2 559	3 124	2 503	329	568	36 382
2nd Booster: 6 years	883	1 883	2 957	3 515	1 825	2 551	2 463	1 674	2 195	2 043	445	432	22 870

NOTES: S/PHIKWE = SELIBE/PHIKWE
F/TOWN = FRANCISTOWN

TABLE 4.13

NUMBER OF FAMILY PLANNING ATTENDANCES BY
PLACE AND METHOD - JULY - DECEMBER 1983*

PLACE	P I L L		I U D		INJECTION		CONDOM		O T H E R		T O T A L	
	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT
URBAN:-												
Gaborone	1 373	9 054	485	1 800	78	24	531	1 844	234	176	2 701	12 898
Selibe/Phikwe	355	2 125	195	570	59	95	123	1 169	11	13	743	3 972
Francistown	340	3 127	97	393	7	11	264	152	3	13	711	3 696
Lobatse	227	1 499	155	649	51	106	215	420	25	28	673	2 702
Palapye	105	604	63	142	15	32	51	140	0	0	234	918
Jwaneng	7	8	0	0	0	0	0	0	0	0	7	8
Orapa	24	137	13	23	4	4	3	1	0	0	44	165
URBAN - TOTAL	2 431	16 554	1 008	3 577	214	272	1 187	3 726	273	230	5 113	24 359
RURAL - TOTAL	3 008	16 710	1 116	2 742	402	560	1 772	3 026	61	103	6 359	23 141
GRAND - TOTAL - BOTSWANA	5 439	33 264	2 124	6 319	616	832	2 959	6 752	334	333	11 472	47 500

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.14

NUMBER OF FAMILY PLANNING ATTENDANCES BY
HEALTH FACILITY AND METHOD - JULY - DECEMBER 1983*

FACILITY	P I L L		I U D		INJECTION		CONDOM		O T H E R		T O T A L	
	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT
HOSPITALS:												
Mam	1	2	0	0	0	0	0	0	0	0	1	2
Jubilee	26	146	27	138	6	9	4	3	0	0	63	296
Sekgoma Memorial	40	407	116	268	0	0	57	4	5	0	218	679
Selebi/Phikwe Government	99	658	71	223	10	11	11	0	6	2	197	894
Bamangwato Concession Limited	16	44	4	16	9	34	0	174	0	2	29	270
Scottish Livingstone	0	0	0	0	0	0	0	0	0	0	0	0
Athlone	23	122	24	79	0	0	1	2	1	0	49	203
Seventh Day Adventist	7	17	2	0	1	2	12	2	0	2	22	23
Jwaneng	7	8	0	0	0	0	0	0	0	0	7	8
Mahalapye	54	366	47	180	5	58	24	104	0	3	130	711
Princess Marina	133	539	104	385	32	5	78	147	79	85	426	1 161
Deborah Retief Memorial	203	323	19	21	10	0	65	2	8	5	305	351
Bamalet Lutheran	0	0	0	0	0	0	0	0	0	0	0	0
Orapa	24	137	13	23	4	4	3	1	0	0	44	165
TOTAL HOSPITALS	633	2 769	427	1 333	77	123	255	439	99	99	1 491	4 763
HEALTH CENTRES:												
Palapye	105	604	63	142	15	32	51	140	0	0	234	918
Bobonong	4	79	14	6	10	13	36	53	0	0	64	151
Mmadinare	24	315	2	0	0	0	7	2	0	0	33	317
Gantsi	12	168	28	32	6	14	0	0	0	0	46	214
Kasane	11	59	8	10	3	0	0	0	0	0	22	69
Tsabong	18	179	11	20	4	7	14	29	0	0	47	235
Rakops	10	46	3	0	1	2	3	3	0	1	17	52
TOTAL HEALTH CENTRES	184	1 450	129	210	39	68	111	227	0	1	463	1 956
TOTAL CLINICS	3 672	23 124	1 497	4 686	384	506	1 683	4 795	237	226	7 473	33 337
TOTAL HEALTH POSTS	961	5 776	66	125	106	129	910	1 272	18	5	2 061	7 307
GRAND TOTAL-BOTSWANA	5 450	33 119	2 119	6 354	606	826	2 959	6 733	354	331	11 488	47 363

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit, so, only those facilities which have sent at least three (3) week's (75%) information per month, were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.15

NUMBER OF FAMILY PLANNING ATTENDANCES BY MEDICAL REGION
AND METHOD - JULY - DECEMBER 1983*

REGION	P I L L		I U D		INJECTION		CONDOM		O T H E R		T O T A L	
	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT	NEW	REPEAT
1. Maun	251	1 597	40	59	15	21	161	126	1	1	468	1 804
2. Francistown	471	3 681	113	431	28	44	338	181	4	14	954	4 351
3. Serowe	391	2 305	233	538	45	54	190	331	9	2	868	3 230
4. Selibe/Phikwe	440	2 978	216	585	77	122	202	1 306	11	13	946	5 004
5. Kweneng	519	2 927	197	454	63	38	302	402	30	27	1 111	3 848
6. Lobatse	703	3 643	373	1 301	114	180	580	977	38	49	1 808	6 150
7. Gantsi	27	260	33	36	16	38	11	41	1	0	88	375
8. Mahalapye	357	1 708	113	279	59	152	205	468	12	16	746	2 623
9. Gaborone	1 870	11 829	661	2 210	140	113	752	2 529	221	209	3 644	16 990
10. Kasane	25	151	9	12	7	1	8	16	0	0	49	180
11. Kgalagadi	91	653	30	66	28	27	55	197	1	0	205	933
12. Tutume	199	973	63	189	18	36	126	143	6	0	412	1 341
13. Boteti	95	559	43	69	6	6	29	35	0	2	173	671
TOTAL BOTSWANA	5 439	33 264	2 124	6 319	616	832	2 959	6 752	334	332	11 472	47 500

*The 1983 out-patient returns (MH 1049) were sent on weekly basis from health facilities to Health Statistics Unit. So, only those facilities which have sent at least three (3) week's (75%) information per month were considered for tabulation.

SOURCE: Health Statistics Unit.

TABLE 4.16

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CLINIC AND MONTH, 1983
MINISTRY OF HEALTH, BOTSWANA

CLINIC P M H	M O N T H												TOTAL
	JAN 19	FEB 19	MAR 34	APR 546	MAY 518	JUN 604	JUL 429	AUG 653	SEP 684	OCT 643	NOV 688	DEC 563	
LOBATSE	0	0	0	31	0	0	28	0	16	0	0	0	75
SEROWE	0	0	0	0	0	0	0	0	0	0	119	0	119
MOCHUDJ	0	0	0	0	0	0	0	0	0	67	329	88	484
MAUN	0	0	0	0	27	0	0	0	48	15	28	0	118
FRANCISTOWN	0	0	0	0	0	0	0	0	0	172	86	0	258
KGALAGADI	0	104	37	0	0	0	55	0	0	0	0	0	196
MOLEPOLOLE	0	30	0	0	53	0	0	17	0	0	39	0	139
KASANE	0	0	0	3	37	0	0	0	0	0	28	0	68
T O T A L	19	153	71	580	635	604	512	670	748	897	1317	651	6857

TABLE 4.17

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE AND CLINIC, 1983
MINISTRY OF HEALTH, BOTSWANA

CAUSE	CLINICS									TOTAL
	PMH	GORATSE	SEROWE	MOCHUDI	MAUN	F/TOWN	KGAI AGA	MOLEPOLO	KASANE	
01030 Hemorrhage	1	0	0	0	0	0	0	0	0	1
01000 ORBIT TOTAL	1	0	0	0	0	0	0	0	0	1
02020 Laceration	6	0	0	0	0	1	0	0	0	7
02030 Black Eye/Chemosis	3	0	0	1	0	1	0	0	0	5
02040 Stye	30	0	0	7	0	17	0	1	1	56
02050 Chalazion	111	1	3	3	3	8	2	4	1	136
02060 Ptosis	1	0	0	0	0	0	0	0	0	1
02070 Entropion	50	1	5	4	1	1	0	3	1	66
02080 Trichiasis	2	0	0	0	0	0	0	0	0	2
02000 LTD TOTAL	203	2	8	15	4	28	2	8	3	273
03010 Injury	81	0	0	5	1	1	1	2	1	92
03012 Laceration	36	0	0	1	1	4	0	0	0	42
03013 Perforation	7	0	0	2	0	2	1	0	0	12
03014 Foreign body	66	0	0	3	0	6	1	0	0	76
03020 Ulcer	2	0	0	0	0	0	0	1	0	3
03030 Pterygium	209	3	9	27	2	10	17	4	2	283
03040 Keratitis	74	2	0	6	0	6	2	0	1	93
03044 Other	11	1	1	1	0	7	0	0	0	21
03050 Keratopathy	1	0	0	0	0	0	0	2	0	3
03051 Bullous	3	0	0	0	0	0	0	0	0	3
03053 Nutritional	1	0	0	0	0	0	0	0	0	1
03070 Endothelialitis	0	0	0	0	0	1	0	0	0	1
03080 Scar	18	0	3	6	3	2	1	1	0	34
03090 Opacity	30	3	1	3	1	1	1	4	1	45
03102 Other	96	0	0	4	1	0	0	0	3	104
03000 CORNEA TOTAL	637	9	14	58	9	40	24	14	8	813

TABLE 4.17

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE AND CLINIC, 1983
MINISTRY OF HEALTH, BOTSWANA

cont.

CAUSE	CLINICS									TOTAL
	PMH	LOBATSE	SEROWE	MOCHUJDI	MAUN	F/TOWN	KGALAGA	MOLEPOLO	KASANE	
04000 Conjunctiva (nos)	1	0	0	0	0	0	0	2	0	3
04010 Conjunctivitis	798	2	1	93	11	47	18	16	4	990
04011 Bacterial	3	0	0	0	1	0	0	0	0	4
04012 Viral	371	5	0	3	12	6	2	17	1	417
04014 Other	2	0	0	0	0	0	0	0	0	2
04020 Trauma	1	0	0	0	0	0	0	0	0	1
04030 Hemorrhage	68	1	0	5	1	9	0	0	0	84
04040 Pterygium	102	0	0	3	1	6	2	4	1	119
04051 Dyskeratosis	1	0	0	0	0	0	0	0	0	1
04054 Papilloma	5	0	0	0	0	0	0	0	0	5
04060 Allergy	0	0	0	0	0	1	0	0	0	1
04061 Vernal catarrh	47	2	2	25	0	1	3	0	4	84
04000 CONJUNCTIVA TOTAL	1399	10	3	129	26	70	25	39	10	1711
05000 Refractive Error (nos)	23	1	0	16	1	0	1	2	0	44
05010 Myopia	55	3	17	2	1	6	0	8	0	92
05020 Hyperopia	10	0	0	1	0	1	0	0	0	12
05030 Presbyopia	170	8	30	18	8	5	19	6	7	271
05000 REFRACTIVE ERROR TOTAL	258	12	47	37	10	12	20	16	7	419
06000 NORMAL EYES TOTAL	1339	21	7	32	2	34	72	6	18	1531
07000 TRACHOMA TOTAL	302	4	1	11	15	6	15	16	4	374
08000 IRIS (nos)	1	0	0	0	0	0	0	0	0	1
09020 Iritis/Iridocyclitis	80	0	0	0	3	6	1	1	0	91
09030 Iritis/Keratitis	56	1	0	1	0	3	0	2	0	63
09000 IRIS TOTAL	137	1	0	1	3	9	1	3	0	155
10000 UVEITIS TOTAL	0	0	3	16	0	0	0	0	0	19
11000 Lens (nos)	12	0	0	0	0	3	0	0	0	15
11100 Traumatic cataract	17	2	6	1	0	2	0	1	0	29
11300 Senile Cataract	83	2	0	9	1	0	3	1	1	100
11500 Congenital Cataract	3	0	0	2	0	0	0	0	0	5
11700 Others	695	10	15	63	37	32	24	22	13	911
11000 LENS TOTAL	810	14	21	75	38	37	27	24	14	1060
12000 Strabismus (nos)	2	0	0	0	0	0	0	1	0	3
12200 Exotropia	7	0	9	93	0	0	0	0	0	109
12500 Others	20	1	2	4	0	0	1	0	0	28
12000 STRABISMUS TOTAL	29	1	11	97	0	0	1	1	0	140

TABLE 4.17

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE AND CLINIC, 1983
MINISTRY OF HEALTH, BOTSWANA

cont.

CAUSE	PMH	LOBATSE	SEROWE	MOCHUDI	CLINICS				KASANE	TOTAL
					HAUIN	F/TOWN	KGALAGA	MOLEPOLO		
13000 Glaucoma (nos)	174	1	3	9	9	6	6	7	3	218
13320 Secondary	19	0	0	0	0	2	1	1	0	23
13000 GLAUCOMA T O T A L	193	1	3	9	9	8	7	8	3	241
14000 Blind (nos)	4	0	0	0	0	0	0	0	0	4
14100 One Eye Blind	15	0	0	1	1	0	1	0	0	18
14000 BLIND T O T A L	19	0	0	1	1	0	1	0	0	22
15500 Detachment	12	0	0	0	0	0	1	0	0	13
15600 Retinopathy	6	0	0	1	0	0	0	0	0	7
15000 RETINA T O T A L	18	0	0	1	0	0	1	0	0	20
16000 Choroid (nos)	0	0	0	0	0	0	0	1	0	1
16400 Trauma	4	0	1	0	0	0	0	0	0	5
16000 CHOROID T O T A L	4	0	1	0	0	0	0	1	0	6
17000 Optic Nerve (nos)	4	0	0	0	0	0	0	1	0	5
17200 Neuritis	15	0	0	0	0	4	0	0	1	20
17400 Papilledema	2	0	0	0	0	0	0	0	0	2
17000 OPTIC NERVE T O T A L	21	0	0	0	0	4	0	1	1	27
18000 Systemic Disease (nos)	0	0	0	0	0	1	0	0	0	1
18100 Hypertension	27	0	0	1	1	9	0	2	0	40
18000 SYSTEMIC DISEASE T O T A L	27	0	0	1	1	10	0	2	0	41
19200 Leukaemia	3	0	0	1	0	0	0	0	0	4
19000 TUMOR T O T A L	3	0	0	1	0	0	0	0	0	4
G R A N D T O T A L	5400	75	119	484	118	258	196	139	68	6857

TABLE 4.18

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE AND MONTH, 1983
MINISTRY OF HEALTH, BOTSWANA

CAUSE		M O N T H S												DEC	TOTAL
		JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV			
01000	ORBIT T O T A L	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02000	LID T O T A L	0	2	3	18	22	18	18	26	28	55	62	21	273	
03000	CORNEA T O T A L	5	13	13	50	69	78	72	79	105	110	145	74	813	
04000	CONJUNCTIVA T O T A L	6	22	14	123	129	144	116	143	185	259	347	223	1711	
05000	REFRACTIVE ERROR T O	1	11	5	33	31	35	29	37	41	47	126	23	419	
06000	NORMAL EYES T O T A L	1	66	10	140	131	152	137	202	157	160	227	148	1531	
07000	TRACHOMA T O T A L	4	11	7	55	71	38	19	25	44	55	35	10	374	
08000	ANOMALY T O T A L	0	0	0	0	0	0	0	0	0	0	0	0	0	
09000	IRIS T O T A L	0	3	0	24	14	28	12	20	8	20	15	11	155	
10000	UVEITIS T O T A L	0	0	0	0	0	0	0	0	0	0	14	5	19	
11000	LENS T O T A L	2	16	14	108	122	83	81	92	117	137	196	92	1060	
12000	STRABISMUS T O T A L	0	1	0	3	6	4	5	1	7	13	85	15	140	
13000	GLAUCOMA T O T A L	0	6	2	18	23	18	16	37	35	25	40	71	241	
14000	BLIND T O T A L	0	0	1	0	1	0	2	4	8	2	4	0	22	
15000	RETINA T O T A L	0	1	1	2	1	2	3	1	2	3	2	2	20	
16000	CHOROID T O T A L	0	0	0	0	1	0	0	0	2	0	3	0	6	
17000	OPTIC NERVE T O T A L	0	0	1	2	4	1	2	3	2	4	4	4	27	
18000	SYSTEMIC DISEASE T O	0	1	0	1	10	3	0	0	7	7	10	2	41	
19000	TUMOR T O T A L	0	0	0	2	0	0	0	0	0	0	2	0	4	
20000	SCI FRA T O T A L	0	0	0	0	0	0	0	0	0	0	0	0	0	
21000	SCI ERITIS T O T A L	0	0	0	0	0	0	0	0	0	0	0	0	0	
GRAND TOTAL		19	153	71	580	635	604	512	670	748	897	1317	651	6857	

TABLE 4.19

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE, AGE AND SEX, 1983
MINISTRY OF HEALTH BOTSWANA

CAUSE		AGE GROUPS															N/S	TOTAL
		< 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+		
01000	ORBIT TOTAL																	
	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02000	LID TOTAL																	
	M	3	4	19	4	8	15	12	13	4	3	4	0	1	1	4	3	98
	F	10	6	6	25	23	35	17	10	8	5	2	4	2	11	9	175	
	T	13	10	25	29	31	50	29	23	12	8	6	4	3	3	15	12	273
03000	CORNEA TOTAL																	
	M	13	9	16	31	12	60	67	45	26	25	22	33	12	11	22	19	423
	F	10	11	25	26	29	48	41	57	23	25	13	24	16	10	11	21	390
	T	23	20	41	57	41	108	108	102	49	50	35	57	28	21	33	40	813
04000	CONJUNCTIVA TOTAL																	
	M	41	76	101	77	66	113	97	77	47	37	15	18	13	6	6	21	811
	F	62	49	71	79	99	172	119	92	43	31	12	16	12	7	13	23	900
	T	103	125	172	156	165	285	216	169	90	68	27	34	25	13	19	44	1711
05000	REFRACTIVE ERROR TOTAL																	
	M	7	1	3	3	8	12	8	6	10	27	27	26	12	16	6	5	177
	F	9	1	4	9	29	18	11	8	13	31	30	27	25	15	7	5	242
	T	16	2	7	12	37	30	19	14	23	58	57	53	37	31	13	10	419
06000	NORMAL EYES TOTAL																	
	M	11	10	16	22	80	199	173	109	60	46	26	19	13	12	9	17	822
	F	10	3	18	39	150	210	110	69	31	13	10	14	6	11	3	12	709
	T	21	13	34	61	230	409	283	178	91	59	36	33	19	23	12	29	1531
07000	TRACHOMA TOTAL																	
	M	2	2	9	8	15	23	23	15	11	9	4	2	2	4	4	4	137
	F	7	0	14	10	26	57	30	23	12	12	7	14	6	6	7	6	237
	T	9	2	23	18	41	80	53	38	23	21	11	16	8	10	11	10	374
08000	ANOMALY TOTAL																	
	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09000	IRIS TOTAL																	
	M	2	1	0	7	4	17	21	7	8	5	4	2	1	3	4	4	90
	F	1	1	1	2	4	20	6	11	5	0	1	5	1	2	3	2	65
	T	3	2	1	9	8	37	27	18	13	5	5	7	2	5	7	6	155
10000	UVEITIS TOTAL																	
	M	0	0	0	1	0	0	1	1	0	0	0	1	0	0	1	3	8
	F	1	0	0	1	0	1	4	0	1	0	0	1	2	0	0	0	11
	T	1	0	0	2	0	1	5	1	1	0	0	2	2	0	1	3	19
11000	LENS TOTAL																	
	M	66	14	9	14	12	20	12	20	11	12	7	17	29	45	202	29	519
	F	76	1	7	12	2	20	23	17	14	7	10	30	35	95	156	36	541
	T	142	15	16	26	14	40	35	37	25	19	17	47	64	140	358	65	1060

TABLE 4.19

NUMBER OF OPHTHALMOLOGICAL OUT-PATIENTS BY CAUSE, AGE AND SEX, 1983
MINISTRY OF HEALTH, BOTSWANA

cont.

CAUSE	AGE GROUPS															N/S	TOTAL
	< 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+		
12000 STRABISMUS TOTAL																	
M	4	7	5	2	4	6	6	3	1	3	1	1	0	0	0	2	45
F	4	5	1	0	21	16	8	10	8	2	2	0	0	4	3	11	95
T	8	12	6	2	25	22	14	13	9	5	3	1	0	4	3	13	140
13000 GLAUCOMA TOTAL																	
M	22	0	2	1	0	8	14	4	5	14	5	9	15	17	36	7	159
F	11	1	1	0	3	3	0	8	2	4	0	9	3	15	21	1	82
T	33	1	3	1	3	11	14	12	7	18	5	18	18	32	57	8	241
14000 BLIND TOTAL																	
M	2	0	0	5	0	0	5	1	0	0	0	0	0	0	1	0	14
F	0	1	1	0	3	2	0	0	0	0	0	0	0	0	0	1	8
T	2	1	1	5	3	2	5	1	0	0	0	0	0	0	1	1	22
15000 RETINA TOTAL																	
M	1	0	0	0	1	1	1	2	0	1	0	3	0	1	0	0	11
F	0	0	0	0	0	0	1	0	2	1	0	2	1	0	1	1	9
T	1	0	0	0	1	1	2	2	2	2	0	5	1	1	1	1	20
16000 CHOROID TOTAL																	
M	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	3
F	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3
T	1	0	0	0	0	1	0	3	0	0	0	0	0	1	0	0	6
17000 OPTIC NERVE TOTAL																	
M	0	1	1	2	3	2	1	0	2	0	0	1	1	0	0	0	14
F	0	1	1	0	2	3	1	2	0	1	0	0	0	1	1	0	13
T	0	2	2	2	5	5	2	2	2	1	0	1	1	1	1	0	27
18000 SYSTEMIC DISEASE TOTAL																	
M	0	0	1	1	3	4	1	0	1	1	1	2	0	0	0	0	15
F	0	0	1	0	12	5	1	2	0	1	0	0	2	0	0	2	26
T	0	0	2	1	15	9	2	2	1	2	1	2	2	0	0	2	41
19000 TUMOR TOTAL																	
M	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2
F	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
T	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	0	4
20000 SCLERA TOTAL																	
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21000 SCLERITIS TOTAL																	
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL																	
M	174	125	182	178	217	481	443	304	187	183	116	134	99	117	295	114	3349
F	202	80	151	204	403	610	372	311	162	133	87	147	111	168	237	130	3508
T	376	205	333	382	620	1091	815	615	349	316	203	281	210	285	532	244	6857

SECTION 5: IN-PATIENT STATISTICS

The tables that appear in this section are based on information in the admission in-patient summary (MH 017) received from hospitals, health centres, and clinics with beds throughout the country. The only exception is table 5.1 which is from the midnight census (MH 002). This table (5.1) gives a picture of the activities of each facility and this very table can be utilised to compare it with the number of in-patient discharge abstract (MH 017) received from each facility.

As facilities, public and private report in-patient data to the Ministry of Health. First, the data is coded at Ministry and analysed using ICL mainframe computer at the Government Computer Bureau. However, mental health data is collected using a different form and the results of which appear in Section 6.

Coverage seems high because as many abstracts were received as discharges reported under the separate midnight census system. Some caution must be taken in the interpretation of these tables. In particular, only a small proportion of all deaths in Botswana say one fifth occur in health institutions hence the coverage is low and the picture on causes of death shown below is of those deaths that occurred in health institutions. For practical reasons only the principal diagnosis of disease or condition is coded and used in tabulation. Categories in these tables follow the Basic Tabulation list from ninth International Classification of Diseases which is described briefly in appendix II of this report. The organisation of this section is as follows:-

Table 5.1 present utilisation figures in summary form by facility. None obstetric tables 5.2 - 5.13 follow. Major causes of admission (morbidity) and mortality are reported for all ages and facilities combined (5.2 - 5.3). Similar tables for infant and children under 5 years appear (5.4 - 5.10), as the age groups suffer from a disproportionately large share of the preventable disease in the country. Detailed tables presenting all discharges and deaths by diagnosis and ages appear in tables 5.11 - 5.13.

The remaining tables in this section cover obstetrics or deliveries. Maternal deaths are summarised on table 5.14 and these are only institutional ones. Births are present according to several variables such as place of birth, age of mother and sex of infant in tables 5.15 - 5.20.

These figures underestimate the number of deliveries since a large proportion of women still deliver at home. (see table 1.9) for comparison. Tubal ligations are reported in table 5.21 and these are most post delivery tubal ligation.

TABLE 5.1

NUMBER OF BEDS, DISCHARGES, PATIENT DAYS, OCCUPANCY RATE,
AVERAGE LENGTH OF STAY AND BED TURNOVER RATE 1983

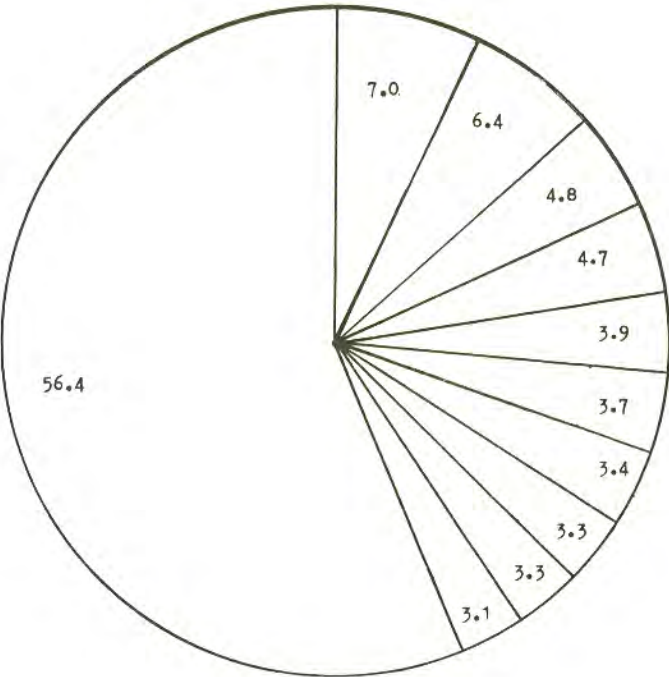
FACILITY	BEDS DECEMBER 1983	DISCHARGES	PATIENT DAYS	OCCUPAT RATE %	AVERAGE LENGTH OF STAY (DAYS)	BED TURN OVER RATE
HOPITALS:						
1. Jubilee-(Francistown)	187	10 559	79 292	116.17	7.51	56.47
2. P.M.H. - (Gaborone)	237	12 898	84 212	109.67	6.53	54.42
3. S.D.A. - (Kanye)	167	3 334	31 517	51.71	9.45	19.96
4. Athlone - (Lobatse)	133	6 235	53 663	110.54	8.61	46.88
5. Mahalapye	95	4 393	31 168	89.89	7.09	46.24
6. Maun	181	3 664	38 692	64.45	10.56	20.24
7. D.R.M. - (Mochudi)	130	2 854	37 135	78.26	13.01	21.95
8. S.L.H. - (Molepolole)	166	5 898	56 159	100.99	9.52	35.53
9. Orapa	61	1 733	13 309	59.76	7.68	28.41
10. B.L.H.-(Ramotswa)	107	3 279	33 042	84.60	10.08	30.64
11. B.C.L. - Mine(S/Phikwe)	27	823	3 571	36.24	4.34	30.48
12. S/Phikwe - Government	65	4 343	22 571	95.14	5.20	66.82
13. S.M.H. - (Serowe)	166	5 614	46 816	77.27	8.34	33.82
14. Mental- (Lobatse)	111	710	29 525	77.12	41.58	6.40
15. Jwaneng	40	1 418	12 333	125.85	8.70	35.45
TOTAL HOSPITALS	1 873	67 755	573 005	83.82	8.46	36.18
HEALTH CENTRES:						
Bobonong	17	844	2 723	43.88	3.50	48.59
Ghanzi	48	1 062	14 855	84.79	13.99	22.13
Kasane	31	1 532	10 286	90.91	6.71	49.42
Mmadinare	55	678	10 006	49.84	14.76	12.33
Palapye	19	1 452	5 389	84.61	3.71	76.42
Rakops	21	268	3 238	63.52	12.08	12.76
Tsabong	27	359	6 084	61.74	16.95	13.30
Lady Leisching	65	324	15 422	71.04	47.60	4.98
TOTAL HEALTH CENTRES	283	6 519	68 003	65.84	10.43	23.04
TOTAL CLINICS	208	3 730	15 839	20.86	4.25	17.93

NOTES: P.M.H. = Princess Marina Hospital
S.D.A. = Seventh Day Adventist
D.R.M. = Deborah Retief Memorial
S.L.H. = Scottish Livingstone Hospital
B.L.H. = Bamalete Lutheran Hospital
B.C.L. = Bamangwato Concession Limited
S.M.H. = Sekgoma Memorial Hospital
S/Phikwe = Selibe/Phikwe

SOURCE: Midnight Census (MH 002) - Health Statistics Unit

FIGURE II

A PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORBIDITY
OF ALL AGE GROUPS (EXCLUDING NEO-NATAL CONDITIONS)
1983



KEY

CAUSE GROUP

Ill-defined Intestinal Infections
Pulmonary Tuberculosis
Pneumonia
Unspecified Abortions
Other Acute Upper Respiratory Infections
Other and Unspecified
Other Complications
Measles
Infections of Skin and Subcutaneous Tissues
Bronchitis, Chronic & Unspecified, Emphysema
and Asthma
Other Causes
All Diseases and Conditions

PERCENTAGE

7.0
6.4
4.8
4.7
3.9
3.7
3.4
3.3
3.3
3.1
56.4
100.0

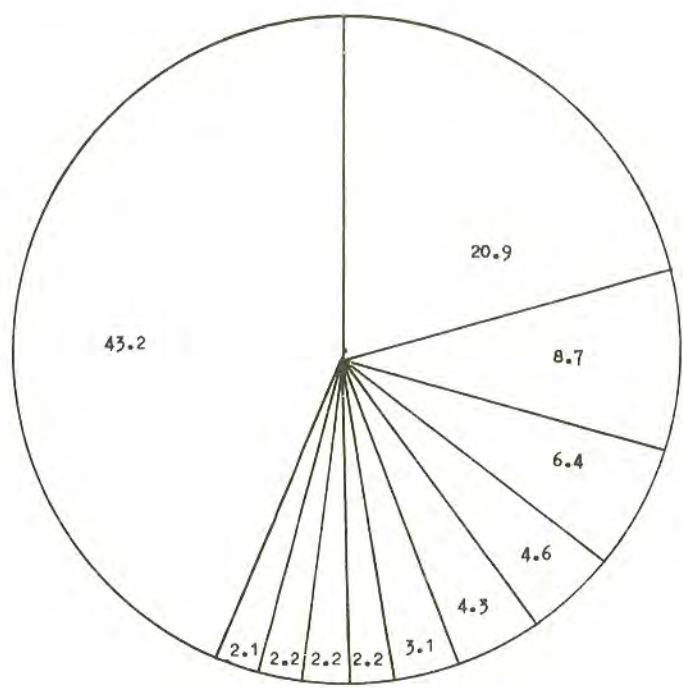
TABLE 5.2

IN-PATIENT MORBIDITY (EXCLUDING NEONATAL CONDITIONS) - 1983
ALL AGE GROUPS

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
016	ILL-DEFINED INTESTINAL INFECTIONS	3277	7.0
020	PULMONARY TUBERCULOSIS	2978	6.4
321	PNEUMONIA	2239	4.8
389	UNSPECIFIED ABORTIONS	2208	4.7
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	1839	3.9
559	OTHER AND UNSPECIFIED	1745	3.7
399	OTHER COMPLICATIONS	1586	3.4
042	MEASLES	1565	3.3
420	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUES	1526	3.3
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA & ASTHMA	1443	3.1
	CAUSES SPECIFIED ABOVE	20406	43.6
	OTHER CAUSES	26353	56.4
	ALL DISEASES AND CONDITIONS	46759	100.0

FIGURE III

A PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORTALITY
OF ALL AGE GROUPS (EXCLUDING NEO-NATAL DEATHS: 1983



KEY	
CAUSE GROUP	PERCENTAGE
Pulmonary tuberculosis	20.9
Diseases of the heart N.E.C.	8.7
Pneumonia	6.4
Ill-defined intestinal infections	4.6
Others, N.E.C.	4.3
Other Protein-calorie malnutrition	3.1
Meningitis	2.2
Kwashiorkor	2.2
Chronic Liver Disease and Cirrhosis	2.2
Malignant Neoplasm of Oesophagus	2.1
Other Causes	43.2
All Diseases and Conditions	100.0

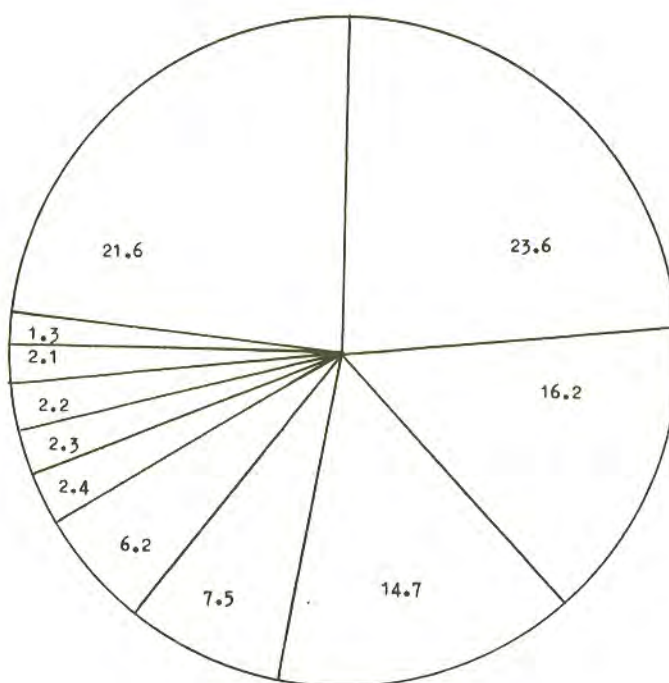
TABLE 5.3

IN-PATIENT MORTALITY (EXCLUDING NEONATAL DEATHS) - 1983
ALL AGE GROUPS

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
020	PULMONARY TUBERCULOSIS	261	20.9
289	DISEASES OF THE HEART N.E.C	109	8.7
321	PNEUMONIA	80	6.4
016	ILL-DEFINED INTESTINAL INFECTIONS	58	4.6
469	OTHERS, N.E.C	54	4.3
192	OTHER PROTEIN-CALORIE MALNUTRITION	39	3.1
220	MENINGITIS	28	2.2
190	KWASHIORKOR	27	2.2
347	CHRONIC LIVER DISEASE AND CIRRHOSIS	27	2.2
090	MALIG. NEOPLASM OF OESOPHAGUS	26	2.1
	CAUSES SPECIFIED ABOVE	709	56.8
	OTHER CAUSES	539	43.2
	ALL DISEASES AND CONDITIONS	1248	100.0

FIGURE IV

PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORBIDITY
OF UNDER-ONE'S (EXCLUDING NEO-NATAL CONDITIONS) 1983



KEY

CAUSE GROUP

PERCENTAGE

Ill-defined Intestinal Infections	23.6
Pneumonia	16.2
Other Acute Upper Respiratory Infections	14.7
Bronchitis, Chronic & Unspecified, Emphysema & Asthma	7.5
Measles	6.2
Other Protein-Calorie Malnutrition	2.4
Infections of Skin & Subcutaneous Tissues	2.3
Others, N.E.C.	2.2
Pyrexia of Unknown Origin	2.1
Spina Bifida and Hydrocephalus	1.3
Other Causes	21.6
All Diseases and Conditions	100.0

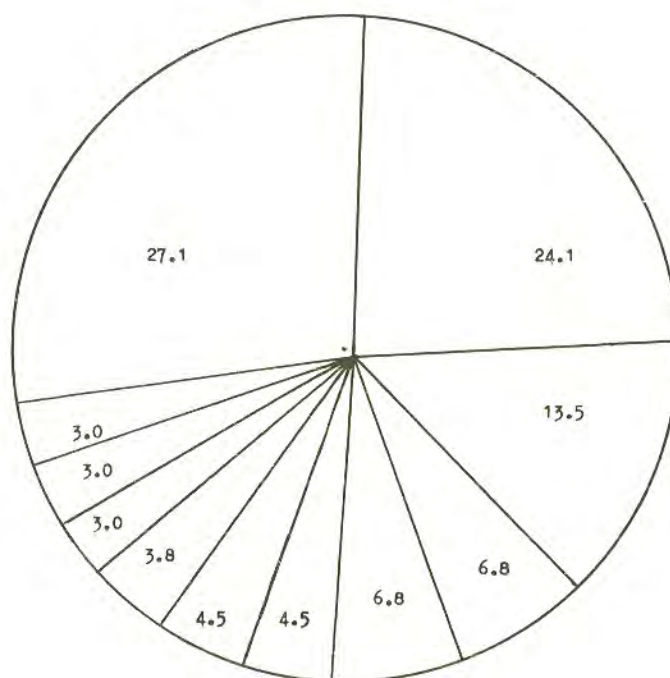
TABLE 5.4

MORBIDITY IN INFANCY AND EARLY CHILDHOOD (EXCLUDING NEONATAL CONDITIONS) - 1983
AGE GROUP - < 1 YEAR

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
016	ILL-DEFINED INTESTINAL INFECTIONS	961	23.6
321	PNEUMONIA	661	16.2
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	600	14.7
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA & ASTHMA	306	7.5
042	MEASLES	252	6.2
192	OTHER PROTEIN-CALORIE MALNUTRITION	99	2.4
420	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUES	92	2.3
469	OTHERS, N.E.C	90	2.2
460	PYREXIA OF UNKNOWN ORIGIN	87	2.1
440	SPINA BIFIDA AND HYDROCEPHALUS	51	1.3
	CAUSES SPECIFIED ABOVE	3199	78.4
	OTHER CAUSES	879	21.6
	ALL DISEASES AND CONDITIONS	4078	100.0

FIGURE V

PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORTALITY
OF UNDER-ONE (EXCLUDING NEO-NATAL DEATHS) 1983



KEY

CAUSE GROUP

PERCENTAGE

Pneumonia	24.1
Ill-defined intestinal infections	13.5
Other protein-calorie malnutrition	6.8
Meningitis	6.8
Pulmonary Tuberculosis	4.5
Septicaemia	4.5
Bronchitis, chronic & unspecified, emphysema and asthma	3.8
Measles	3.0
Others	3.0
Sudden infant death syndrome	3.0
Other causes	27.1
All Diseases and Conditions	100.0

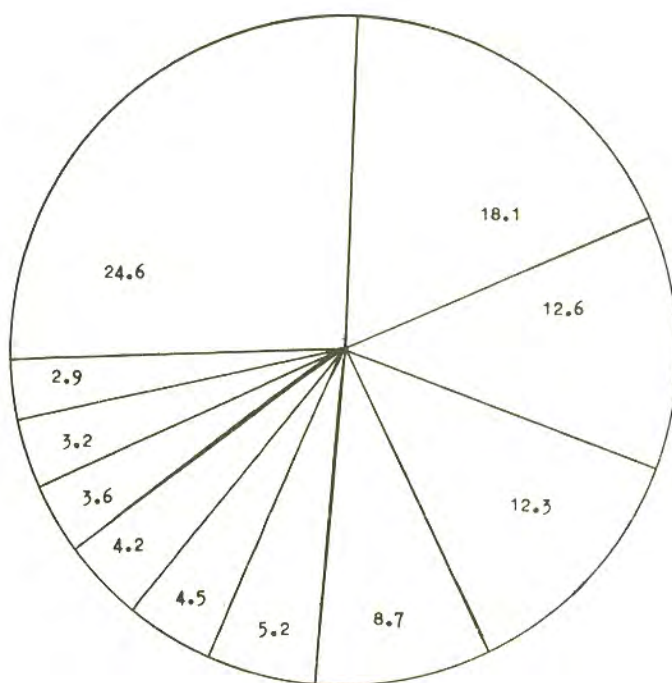
TABLE 5.5

MORTALITY IN INFANCY AND EARLY CHILDHOOD (EXCLUDING NEONATAL DEATHS) - 1983
AGE GROUP - < 1 YEAR

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
321	PNEUMONIA	32	24.1
016	ILL-DEFINED INTESTINAL INFECTIONS	18	13.5
192	OTHER PROTEIN-CALORIE MALNUTRITION	9	6.8
220	MENINGITIS	9	6.8
020	FULMONARY TUBERCULOSIS	6	4.5
038	SEPTICAEMIA	6	4.5
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA & ASTHMA	5	3.8
042	MEASLES	4	3.0
429	OTHERS	4	3.0
466	SUDDEN INFANT DEATH SYNDROME	4	3.0
	CAUSES SPECIFIED ABOVE	97	72.9
	OTHER CAUSES	36	27.1
	ALL DISEASES AND CONDITIONS	133	100.0

FIGURE VII

A PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORTALITY
OF UNDER FIVE'S (EXCLUDING NEO-NATAL DEATHS) 1983



KEY

CAUSE GROUP

PERCENTAGES

Pneumonia
 Ill-defined Intestinal Infections
 Other Protein-Calorie Malnutrition
 Kwashiorkor
 Meningitis
 Measles
 Other Acute Upper Respiratory Infections
 Bronchitis, Chronic & unspecified, Emphysema
 and asthma
 Others, N.E.C.
 Pulmonary Tuberculosis
 Other Causes
 All Diseases and Conditions

18.1
 12.6
 12.3
 8.7
 5.2
 4.5
 4.2
 3.6
 3.2
 2.9
 24.6
 100.0

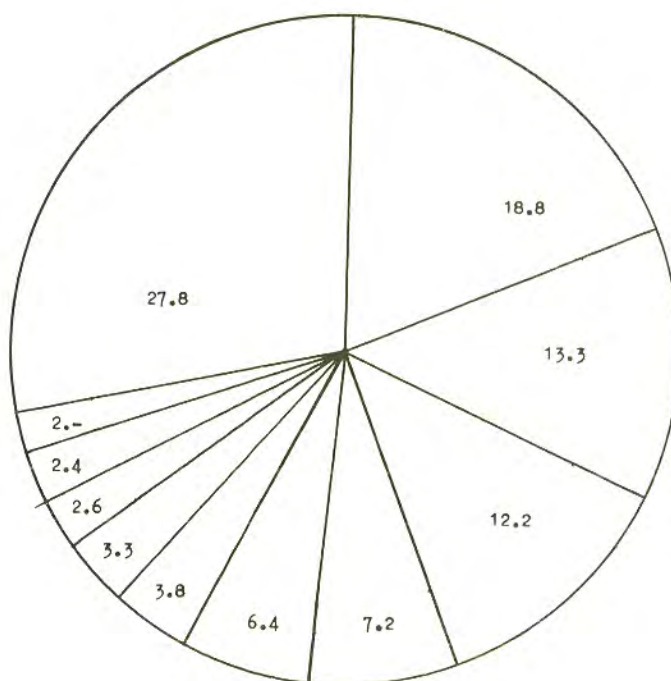
TABLE 5.6

MORTALITY IN INFANCY AND EARLY CHILDHOOD (EXCLUDING NEONATAL CONDITIONS) - 1983
AGE GROUP - < 5 YEARS

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
321	PNEUMONIA	56	18.1
016	ILL-DEFINED INTESTINAL INFECTIONS	39	12.6
192	OTHER PROTEIN-CALORIE MALNUTRITION	38	12.3
190	KWASHIORKOR	27	8.7
220	MENINGITIS	16	5.2
042	MEASLES	14	4.5
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	13	4.2
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA & ASTHMA	11	3.6
469	OTHERS, N.E.C	10	3.2
020	PULMONARY TUBERCULOSIS	9	2.9
	CAUSES SPECIFIED ABOVE	233	75.4
	OTHER CAUSES	76	24.6
	ALL DISEASES AND CONDITIONS	309	100.0

FIGURE VI

A PIE CHART SHOWING MAJOR CAUSES IN-PATIENT MORBIDITY
OF UNDER FIVE'S (EXCLUDING NEO-NATAL DEATHS) 1983



KEY

<u>CAUSE GROUP</u>	<u>PERCENTAGE</u>
Ill-defined Intestinal Infections	18.8
Pneumonia	13.3
Other Acute Upper Respiratory Infections	12.2
Measles	7.2
Bronchitis, Chronic & Unspecified, Emphysema and Asthma	6.4
Other Protein-Calorie Malnutrition	3.8
Others	3.3
Infections of Skin and Subcutaneous Tissues	2.6
Others, N.E.C.	2.4
Unspecified Burns	2.0
Other Causes	27.8
All Diseases and Conditions	100.0

TABLE 5.7

MORBIDITY IN INFANCY AND EARLY CHILDHOOD (EXCLUDING NEONATAL CONDITIONS) - 1983
AGE GROUP - < 5 YEARS

CODE	CAUSE GROUP	IN-PATIENT	DISCHARGES
		NO.	%
016	ILL-DEFINED INTESTINAL INFECTIONS	2153	18.8
321	PNEUMONIA	1525	13.3
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	1397	12.2
042	MEASLES	821	7.2
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA & ASTHMA	737	6.4
192	OTHER PROTEIN-CALORIE MALNUTRITION	434	3.8
539	OTHERS	382	3.3
420	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUES	301	2.6
469	OTHERS, N.E.C	280	2.4
529	UNSPECIFIED BURNS	225	2.0
	CAUSES SPECIFIED ABOVE	8255	72.2
	OTHER CAUSES	3182	27.8
	ALL DISEASES AND CONDITIONS	11437	100.0

TABLE 5.8

INPATIENT DISCHARGES (EXCLUDING MONATL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)										N/S	TOTAL
CODE	DIAGNOSIS (EASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
L1	INTESTINAL INFECTIOUS DISEASES												
011	TYPHOID FEVER	M	3	1	4	1	0	1	0	1	0	1	12
		F	0	1	2	2	1	0	0	1	0	1	8
012	SHIGELLOSIS	M	0	0	0	1	0	1	0	0	0	1	3
		F	0	1	0	0	1	0	1	1	0	0	4
013	FOOD POISONING	M	1	10	13	9	5	1	2	1	0	0	42
		F	0	19	15	4	3	0	0	0	0	2	43
014	AMOEBIASIS	M	1	3	1	1	10	7	2	3	2	1	31
		F	0	3	2	6	3	3	3	5	0	0	25
015	INTEST. INFECT. DUE TO OTHER SPECIFIED ORGANIS	M	3	5	2	2	0	0	0	0	0	0	12
		F	0	5	1	1	2	3	0	0	1	1	14
016	ILL-DEFINED INTESTINAL INFECTIONS	M	527	640	112	69	87	57	40	23	52	27	1634
		F	434	552	96	148	164	77	42	30	54	46	1643
L1 TOTAL		M	535	659	132	83	102	67	44	28	54	30	1734
		F	434	581	116	161	174	83	46	37	55	50	1737
L2	TUBERCULOSIS												
020	PULMONARY TUBERCULOSIS	M	23	89	102	152	261	317	271	257	216	163	1851
		F	25	71	105	153	203	161	111	103	74	121	1127
021	OTHER RESPIRATORY TUBERCULOSIS	M	1	0	0	1	0	1	1	1	0	0	5
		F	0	0	0	1	1	1	1	0	0	1	5
022	T.B OF MENINGES & CENTRAL NERVOUS SYSTEM	M	3	3	3	2	3	9	7	3	4	3	40
		F	0	6	4	1	1	4	0	0	0	1	17
024	TUBERCULOSIS OF BONES & JOINTS	M	0	1	4	3	2	3	2	1	4	4	24
		F	0	2	7	0	0	1	1	0	1	0	12
025	TUBERCULOSIS OF GENITOURINARY SYSTEM	M	0	0	0	0	0	0	0	0	0	1	1
026	OTHER TUBERCULOSIS	M	0	0	0	0	0	0	1	0	1	0	2
		F	0	1	1	0	0	0	0	0	0	0	2
029	T.B GLANDS, ADENITIS	M	6	19	16	5	3	12	10	7	9	10	97
		F	2	13	21	9	6	7	8	4	2	8	80
L2 TOTAL		M	33	112	125	163	269	342	292	269	234	181	2020
		F	27	93	138	164	211	174	121	107	77	131	1243
L3	OTHER BACTERIAL DISEASES												
031	BRUCELLOSIS	M	1	0	1	0	0	0	0	0	0	0	2
		F	0	0	0	0	0	0	0	1	0	0	1
032	LEPROSY	M	0	0	1	0	1	2	3	8	2	0	17
		F	0	0	0	0	0	1	1	0	0	2	4
033	DIPHTHERIA	M	0	0	0	1	0	0	0	0	0	0	1
		F	1	0	0	1	1	0	0	0	0	0	3
034	WHOOPING COUGH	M	9	4	5	0	0	0	0	0	0	0	18
		F	3	5	3	0	0	0	0	0	0	0	11
035	STREPTO. SORE THROAT, SCARLATINA & ERYSIPELAS	M	1	1	0	3	0	1	1	0	0	0	7
		F	0	1	1	0	0	0	0	1	0	0	3
036	MENINGOCOCCAL INFECTION	M	0	1	0	0	0	0	0	0	0	0	1
037	TETANUS	M	3	1	2	1	1	1	0	0	0	0	9
		F	3	0	0	2	0	0	0	0	0	0	5
038	SEPTICAEMIA	M	6	0	1	1	0	0	0	1	0	0	9
		F	5	2	2	3	5	0	0	0	0	0	17
039	OTHER BACTERIAL DISEASES, N.E.C	M	0	0	1	1	5	6	2	1	1	0	17
		F	0	0	0	0	4	0	0	0	0	1	5
L3 TOTAL		M	20	7	11	7	7	10	6	10	3	0	81
		F	12	8	6	6	10	1	1	2	0	3	49

INPATIENT DISCHARGES (EXCLUDING NEO NATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

TABLE 5.8 (Cont.)

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)								N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	
U4	VIRAL DISEASES											
040	ACUTE POLIOMYELITIS	M	0	3	0	0	0	0	0	0	0	3
		F	0	1	0	0	0	0	0	0	0	1
041	CHICKENPOX	M	0	2	4	0	0	0	0	0	0	6
		F	0	3	3	1	0	0	0	0	0	7
042	MEASLES	M	142	290	282	61	8	1	0	0	0	796
		F	110	279	323	42	4	1	0	0	2	769
043	RUBEOLA	F	0	0	3	0	0	0	0	0	0	3
046	VIRAL HEPATITIS	M	3	15	37	37	29	11	11	6	5	158
		F	3	14	22	43	30	14	5	3	2	139
047	RABIES	M	0	1	4	0	0	0	1	0	0	6
		F	0	1	2	0	1	0	0	0	0	5
048	TRACHOMA	M	0	0	0	2	0	1	2	0	1	6
		F	1	0	1	1	0	0	1	2	6	14
049	OTHERS, N.E.C.	M	6	21	34	18	19	5	9	2	2	117
		F	9	17	36	27	8	9	1	1	1	112
U4 TOTAL		M	151	332	361	118	56	18	23	8	8	1092
		F	123	315	390	114	43	24	7	6	11	1050
U5	RICKETTSIOSIS & OTHER ARTHROPOD BONE DISEASES											
051	OTHER RICKETTSIOSIS	M	0	0	0	0	0	1	0	0	0	1
		F	0	1	0	0	0	0	0	0	0	1
052	MALARIA	M	21	33	45	40	33	17	8	5	3	210
		F	14	39	54	33	7	5	1	2	1	159
054	TRYPANOSOMIASIS	M	0	0	0	1	1	1	2	0	0	6
		F	0	0	0	0	1	0	1	0	0	3
055	OTHERS	M	0	1	0	0	0	1	0	0	0	2
		F	0	0	1	0	0	0	0	0	0	1
U5 TOTAL		M	21	34	45	41	34	20	10	5	5	219
		F	14	40	55	33	8	5	2	2	1	164
U6	VENERAL DISEASES											
060	SYPHILIS	M	0	0	0	17	7	5	10	5	4	50
		F	0	0	5	30	13	4	1	1	2	58
061	GONOCOCCAL INFECTIONS	M	0	0	0	9	8	6	3	0	0	28
		F	0	0	1	16	12	3	0	1	0	35
069	OTHERS	M	0	0	1	11	4	8	2	1	1	29
		F	0	0	0	17	10	2	1	0	0	30
U6 TOTAL		M	0	0	1	37	19	19	15	6	5	107
		F	0	0	6	63	35	9	2	2	2	123
U7	OTHER & LATE EFFECTS OF INFECT. & PARASITIC DIS.											
070	NON-SYPHILITIC SPIROCHAETAL DISEASES	M	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	1	0	1	1	0	0	3
071	MYCOSIS	M	1	0	1	1	0	1	0	0	0	4
		F	1	1	0	1	1	0	0	0	1	6
072	SCHISTOSOMIASIS	M	0	1	8	8	5	0	2	0	0	24
		F	0	1	5	6	1	1	1	0	1	17
073	ECHINOCOCCOSIS	M	0	0	0	0	2	2	0	0	0	4
		F	0	0	0	1	0	0	0	0	0	1

TABLE 5.8 (Cont.) INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)										N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+			
074	FILARIAL INFECTION AND DRACONTIASIS	F	0	1	1	0	0	0	0	0	0	0	0	2
075	ANCYLOSTOMIASIS AND NECATORIASIS	M	0	0	0	0	1	0	0	0	0	0	0	1
076	OTHER HELMINTHIASIS	M	1	1	0	0	1	0	0	0	0	0	1	4
077	LATE EFFECTS OF TUBERCULOSIS	F	0	1	2	1	0	0	0	0	0	0	0	4
078	LATE EFFECTS OF ACUTE FOLICULITIS	M	0	1	0	0	0	0	1	0	0	0	0	1
079	OTHERS, UNSPECIFIED N.E.C	F	4	7	3	0	1	0	0	0	0	0	0	16
07 TOTAL		F	4	3	7	2	3	0	1	0	0	1	1	21
		M	6	10	12	9	9	4	3	1	0	1	1	55
		F	6	7	15	12	6	2	4	0	2	3	3	57
08	MALIG. NEOPL. OF LIP, ORAL CAVITY & PHARYNX													
081	MALIGNANT NEOPLASM OF LIP	M	0	0	0	0	0	1	0	0	1	0	0	2
083	MALIG. NEOPLASM OF PHARYNX	F	0	0	0	0	0	0	0	0	1	0	0	1
089	OTHERS, N.E.C	M	0	0	0	0	0	4	2	0	1	0	0	11
		F	0	0	1	0	0	3	1	0	1	0	0	6
08 TOTAL		M	0	0	0	1	0	6	2	0	2	3	0	14
		F	0	0	1	0	0	3	1	0	2	0	0	7
09	MALIG. NEOPL. OF DIGESTIVE ORGANS & PERITONEUM													
090	MALIG. NEOPLASM OF OESOPHAGUS	M	0	0	0	0	1	8	25	23	22	15	15	94
091	MALIG. NEOPLASM OF STOMACH	F	0	0	0	0	1	3	0	9	5	4	4	22
092	MALIG. NEOPL. OF SMALL INTEST. INCLUDING DUODE	F	0	0	0	0	0	0	2	3	4	2	2	12
093	MALIG. NEOPLASM OF COLON	M	0	0	0	0	0	0	0	1	3	3	3	7
094	MALIG. NEOPL. OF RECTUM, RECTOSIGMOID JUNCTION	F	0	0	0	0	0	0	0	0	1	0	0	1
095	MALIG. NEOPL. OF LIVER SPECIFIED AS PRIMARY	M	0	0	0	0	0	0	0	0	0	0	0	0
096	MALIG. NEOPLASM OF PANCREAS	F	0	0	0	0	0	0	0	7	6	1	1	14
099	OTHERS, N.E.C	F	0	0	0	0	0	0	2	0	2	0	0	4
		F	0	0	0	0	0	0	0	1	1	1	1	3
		F	0	0	0	0	0	0	0	1	0	0	0	1
09 TOTAL		M	0	0	0	0	7	11	30	37	40	24	24	149
		F	0	0	1	0	5	3	0	18	20	11	11	58
10	MALIG. NEOPL. OF RESP. & INTRATHORACIC ORGANS													
100	MALIG. NEOPLASM OF LARYNX	M	0	0	0	1	3	3	8	6	2	8	8	31
101	MALIG. NEOPLASM OF TRACHEA & LUNG	F	0	0	0	0	0	0	0	0	0	0	0	6
109	OTHERS	F	0	0	0	0	1	0	3	3	5	0	0	16
		M	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL		M	0	0	0	2	3	5	11	9	7	9	9	46
		F	0	0	0	0	1	0	1	0	0	0	0	8

TABLE 5.8 (Cont.) INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	AGE GROUP (YEARS)								N/S	TOTAL
					5-14	15-24	25-34	35-44	45-54	55-64	65+			
111	MALIG. NEOPL. OF BONE, CON.-TISSUE, SKIN & BREAST	M	0	0	1	0	1	2	1	2	0	2	9	
110	MALIG. NEOPL. OF BONE & ARTICULAR CARTILAGE	F	0	0	0	3	2	0	1	0	1	1	8	
111	MALIG. MELANOMA OF SKIN	M	0	0	0	0	2	1	0	2	4	0	9	
112	OTHER MALIGNANT NEOPLASM OF SKIN	F	0	0	0	1	1	2	3	1	2	1	11	
113	MALIG. NEOPLASM OF FEMALE BREAST	M	0	0	0	0	1	0	1	1	0	0	3	
119	OTHERS	F	0	0	0	1	1	12	5	3	5	4	31	
111	TOTAL	M	0	0	2	0	3	4	0	1	2	1	18	
		F	0	0	3	0	6	4	2	8	5	4	30	
													75	
12	MALIG. NEOPLASM OF GENITOURINARY ORGANS	F	0	0	4	7	10	20	27	19	10	8	105	
120	MALIG. NEOPLASM OF CERVIX UTERI	F	0	0	0	3	3	2	1	4	4	1	18	
122	MALIG. NEOPL. OF UTERUS, OTHER & UNSPECIFIED	F	0	0	0	0	3	2	1	1	1	2	10	
123	MALIG. NEOPL. OF OVARY & OTHER UTERINE ADNEXA	M	0	0	0	0	1	0	0	8	28	7	44	
124	MALIG. NEOPLASM OF PROSTATE	M	0	0	0	0	1	0	0	0	0	1	4	
125	MALIG. NEOPLASM OF TESTIS	M	0	0	0	0	0	0	0	2	0	1	3	
126	MALIG. NEOPLASM OF BLADDER	F	0	0	0	0	2	0	0	0	1	0	3	
129	OTHER MALIG. NEOPLASM OF GENITOURINARY ORGANS	M	0	0	0	0	0	3	1	2	3	0	9	
12	TOTAL	M	0	0	5	10	18	25	32	25	33	9	60	
		F	0	0	0	0	2	3	1	12	19	12	146	
13	MALIG. NEOPLASM OF OTHER & UNSPECIFIED SITES	M	0	0	1	0	0	0	0	1	0	0	2	
130	MALIG. NEOPLASM OF BRAIN	F	0	0	1	0	0	0	1	0	0	0	2	
139	MALIG. NEOPLASM OF UNSPECIFIED SITES	M	0	0	0	0	2	1	2	2	2	0	9	
		F	0	0	1	1	4	1	1	0	1	0	9	
13	TOTAL	M	0	0	1	0	2	1	2	3	2	0	11	
		F	0	0	2	1	4	1	2	0	1	0	11	
14	MALIG. NEOPL. OF LYMPHATIC & HAEMOPOIETIC TISSUE	M	0	0	0	1	4	2	0	2	0	0	9	
140	HODGKINS DISEASE	F	0	0	0	1	6	1	2	0	0	0	10	
141	LEUKAEMIA	M	0	0	5	3	3	1	1	0	6	0	19	
149	OTHERS	F	0	0	0	2	6	2	0	3	0	0	13	
		M	0	0	0	6	1	3	1	3	2	1	17	
14	TOTAL	F	0	0	0	3	1	1	5	1	3	2	16	
		M	0	0	5	10	8	6	2	5	8	1	45	
		F	0	0	0	6	13	4	7	4	3	2	39	
15	BENIGN NEOPLASM													

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)										N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+			
150	BENIGN NEOPLASM OF SKIN	M	1	0	0	1	1	1	1	0	0	0	5	
		F	0	1	0	3	1	2	0	0	0	0	7	
151	BENIGN NEOPLASM OF BREAST	F	0	0	0	5	0	1	1	0	2	0	9	
152	BENIGN NEOPLASM OF UTERUS	F	0	0	0	13	35	69	47	7	4	7	182	
153	BENIGN NEOPLASM OF OVARY	F	0	0	0	0	0	0	0	0	0	3	3	
154	BENIGN NEOPLASM OF KIDNEY & OTHER URINARY ORGA	M	0	0	0	0	0	0	1	0	0	0	1	
155	BENIGN NEOPLASM OF NERVCUS SYSTEM	M	0	1	0	0	0	0	0	0	0	0	1	
		F	0	0	0	0	1	1	0	0	0	1	3	
156	BENIGN NEOPLASM OF THYROID	M	0	0	0	1	0	0	2	0	0	0	3	
		F	0	0	0	0	4	5	2	1	0	0	12	
159	OTHERS	M	2	0	8	5	5	4	8	5	7	4	48	
		F	1	4	3	3	12	16	5	5	4	2	55	
15 TOTAL		M	3	1	8	7	6	5	12	5	7	4	58	
		F	1	5	3	24	53	94	55	13	10	13	271	
16	CARCINOMA IN SITU													
169	CARCINOMA IN SITU	M	0	0	0	0	0	0	0	1	1	0	2	
		F	0	0	0	0	1	0	0	0	0	0	1	
16 TOTAL		M	0	0	0	0	0	0	0	1	1	0	2	
		F	0	0	0	0	1	0	0	0	0	0	1	
17	OTHER AND UNSPECIFIED NEOPLASM													
179	OTHER AND UNSPECIFIED NEOPLASM	M	0	1	0	3	2	1	0	0	3	0	10	
		F	0	0	2	1	4	5	1	0	3	0	16	
17 TOTAL		M	0	1	0	3	2	1	0	0	3	0	10	
		F	0	0	2	1	4	5	1	0	3	0	16	
18	ENDOCRINE AND METABOLIC DISEASES, IMMUNITY DISORDERS													
180	DISORDERS OF THYROID GLAND	M	0	1	0	2	0	1	0	0	1	0	5	
		F	0	1	2	4	9	5	4	1	0	1	27	
181	DIABETES MELLITUS	M	0	0	7	12	9	13	9	6	5	8	69	
		F	0	0	3	9	14	14	20	10	15	11	96	
182	HYPERLIPOPROTEINAEMIA	M	0	0	0	0	0	0	1	0	1	0	2	
183	OBESITY OF NON-ENDOCRINE ORIGIN	M	1	0	0	1	0	0	0	0	0	0	2	
189	OTHERS	M	1	0	2	2	4	3	2	2	1	2	19	
		F	2	1	2	0	4	3	1	3	6	1	23	
18 TOTAL		M	2	1	9	17	13	17	12	8	8	10	97	
		F	2	2	7	13	27	22	25	14	21	13	146	
19	NUTRITIONAL DEFICIENCIES													
19C	KWASHIORKOR	M	16	99	0	0	0	0	0	0	0	0	115	
		F	11	78	0	0	0	0	0	0	0	0	89	
191	NUTRITIONAL MARASMUS	M	17	24	0	0	0	0	0	0	0	0	41	
		F	9	24	0	0	0	0	0	0	0	1	34	
192	OTHER PROTEIN-CALCIE MALNUTRITION	M	52	163	0	0	0	0	0	0	0	1	216	
		F	47	172	0	0	0	0	0	0	0	5	222	

TABLE 5.0 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)												
CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	TOTAL	
193	AVITAMINOSIS	M	3	1	2	2	3	1	4	3	1	1	21	
		F	2	4	3	0	2	5	2	0	0	0	18	
19	TOTAL	M	88	287	2	2	3	1	4	3	1	2	393	
		F	69	278	3	0	2	5	2	0	0	6	365	
20	DISEASE OF BLOOD & BLOOD FORMING ORGANS													
200	ANAEMIAS	M	12	25	18	11	11	22	18	11	19	11	158	
		F	14	20	16	121	97	43	13	11	8	19	362	
209	UNSPECIFIED DISEASES OF BLOOD AND BLOOD FORMING	M	7	11	13	5	3	4	4	2	0	1	50	
		F	3	7	5	10	7	1	1	2	0	3	39	
20	TOTAL	M	19	36	31	16	14	26	22	13	19	12	208	
		F	17	27	21	131	104	44	14	13	8	22	401	
21	MENTAL DISORDERS													
210	SENILE & PRESENILE ORGANIC PSYCHOTIC CONDITION	M	0	0	0	0	0	0	0	1	5	0	6	
		F	0	0	0	0	0	0	0	3	2	0	5	
211	SCHIZOPHRENIC PSYCHOSES	M	0	0	2	14	19	9	2	2	0	6	54	
		F	0	0	4	15	6	11	4	1	0	3	44	
212	AFFECTIVE PSYCHOSES	M	0	0	1	4	2	2	2	1	2	2	16	
		F	0	0	1	4	3	4	1	1	0	1	15	
213	OTHER PSYCHOSES	M	0	0	4	9	12	6	0	2	1	2	36	
		F	0	0	3	11	8	7	2	4	3	3	41	
214	NEUROTIC AND PERSONALITY DISORDERS	M	0	0	13	30	28	11	4	4	1	5	96	
		F	0	0	15	41	43	14	5	4	3	1	126	
215	ALCOHOL DEPENDENCE SYNDROME	M	0	0	2	13	28	14	2	4	2	4	69	
		F	0	0	0	5	7	3	2	0	0	1	18	
216	DRUG DEPENDENCE	M	0	0	0	1	0	0	0	0	0	0	1	
217	PHYSIOLOGICAL MALNUTRITION ARISING FROM MENTAL	M	0	0	1	0	1	2	0	0	0	0	4	
		F	0	0	1	0	1	0	0	0	0	0	2	
218	MENTAL RETARDATION	M	0	0	2	3	3	2	0	1	0	1	12	
		F	0	0	3	2	6	1	1	1	0	1	15	
219	OTHER MENTAL DISORDERS	M	0	0	6	19	19	6	3	4	1	5	63	
		F	0	0	7	34	12	6	6	1	2	3	71	
21	TOTAL	M	0	0	31	93	112	52	13	19	12	25	357	
		F	0	0	34	12	86	46	21	15	10	13	337	
22	DISEASES OF THE NERVOUS SYSTEM													
220	MEINGITIS	M	22	20	14	4	5	0	1	0	0	3	69	
		F	18	14	4	4	1	2	0	0	0	2	45	
221	PARKINSONS DISEASE	M	0	0	0	0	0	0	0	1	1	2	4	
		F	0	0	1	0	0	0	1	0	1	0	3	
222	OTHER DEGEN. & HEREDITY DISORDERS OF CENTRAL N	M	0	0	0	0	1	0	0	0	0	1	2	
		F	0	0	2	0	2	0	0	0	0	0	4	
223	MULTIPLE SCLEROSIS	M	0	0	0	0	1	0	1	0	0	0	2	
224	INFANTILE CEREBRAL PALSY & OTHER PARALYTIC SYN	M	1	3	4	3	3	5	2	3	5	1	30	
		F	1	3	2	1	4	3	1	0	1	3	19	
225	EPILEPSY	M	7	19	42	30	35	14	14	3	1	10	175	
		F	8	18	32	28	20	9	7	5	4	4	135	
229	UNSPECIFIED	M	2	2	4	7	5	2	7	8	5	3	45	
		F	0	6	3	3	3	5	3	2	0	2	27	
22	TOTAL	M	32	44	64	44	50	21	25	15	12	20	327	
		F	27	41	44	36	30	19	12	7	6	11	233	

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEO NATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)										N/S	TOTAL
CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
23	DISORDERS OF THE EYE AND ADNEXA												
230	GLAUCOMA	M	0	0	0	0	0	0	0	17	22	0	39
		F	0	0	0	0	0	0	0	8	12	3	23
231	CATARACT	M	0	0	0	0	0	0	0	61	120	17	198
		F	0	0	0	0	0	0	0	64	111	21	196
232	BLINDNESS AND LOW VISION	M	0	3	0	2	2	0	0	0	4	0	13
		F	0	1	0	0	0	0	0	1	1	0	3
233	CONJUNCTIVITIS	M	11	9	10	5	11	9	4	3	1	1	64
		F	6	7	13	10	5	2	0	2	2	2	49
234	DISORDERS OF LACRIMAL SYSTEM	M	0	1	1	1	0	0	0	1	0	0	4
		F	0	0	0	1	0	0	0	1	2	0	4
235	STRABISMUS AND OTHER DISORDERS OF BINOCULAR EYE	M	0	1	2	1	2	0	0	0	1	1	8
		F	0	1	2	0	1	0	1	0	2	0	7
239	OTHERS N.E.C.	M	2	7	10	5	12	7	6	7	18	8	82
		F	2	2	13	11	8	6	9	5	10	8	74
23	TOTAL	M	13	21	23	14	27	18	10	89	166	27	408
		F	8	11	28	22	14	8	10	81	140	34	356
24	DISEASES OF THE EAR AND MASTOID PROCESS												
240	OTITIS MEDIA AND MASTOIDITIS	M	21	23	19	6	5	2	0	0	1	2	79
		F	9	31	16	9	5	0	0	1	2	0	73
241	DEAFNESS	M	0	0	1	0	0	0	0	0	0	0	1
		F	0	0	1	0	0	1	0	0	0	0	2
249	OTHER INFECTION OF THE EAR N.E.C.	M	0	2	3	0	2	2	1	2	0	0	12
		F	1	2	4	2	1	1	1	0	1	1	14
24	TOTAL	M	21	25	23	6	7	4	1	2	1	2	92
		F	10	33	21	11	6	2	1	1	3	1	89
25	RHEUMATIC FEVER & RHEUMATIC HEART DISEASES												
250	ACUTE RHEUMATIC FEVER	M	0	1	4	2	1	1	2	2	1	0	14
		F	0	2	10	4	0	0	0	0	0	1	17
251	CHRONIC RHEUMATIC HEART DISEASE	M	0	0	8	3	1	2	0	1	0	0	15
		F	0	0	6	1	8	2	2	0	1	0	20
259	OTHERS N.E.C.	M	0	0	4	0	1	0	1	0	1	0	7
		F	0	0	3	2	2	0	0	0	3	0	10
25	TOTAL	M	0	1	16	5	3	3	3	3	2	0	36
		F	0	2	19	7	10	2	2	0	4	1	47
26	HYPERTENSIVE HEART DISEASE												
260	HYPERTENSIVE HEART DISEASE	M	0	0	0	12	11	17	19	34	30	8	131
		F	0	0	0	16	27	24	42	28	33	15	185
269	OTHERS	M	0	0	0	9	15	36	31	37	50	18	196
		F	0	0	0	17	41	43	79	60	59	29	328
26	TOTAL	M	0	0	0	21	26	53	50	71	80	26	327
		F	0	0	0	33	68	67	121	88	92	44	513
27	ISCHAEMIC HEART DISEASE												
270	ACUTE MYOCARDIAL INFARCTION	M	0	0	0	0	0	2	1	2	5	0	10
		F	0	0	0	0	3	2	0	0	1	2	8
279	OTHERS	M	0	0	0	0	1	1	0	0	3	0	5
		F	0	0	0	3	4	0	0	0	0	0	7
27	TOTAL	M	0	0	0	0	1	3	1	2	8	0	15
		F	0	0	0	3	7	2	0	0	1	2	15

TABLE 5.8 (Cont.)

 INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
 BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)									N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
28	DISEASE OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASE												
280	PULMONARY EMBOLISM	M	0	0	0	1	0	1	0	1	4	0	7
		F	0	0	0	2	1	0	2	0	2	0	7
281	CARDIAC DYSRHYTHMIAS	M	0	0	0	2	0	2	1	0	0	0	5
		F	0	0	0	1	1	0	0	1	1	0	4
289	DISEASES OF THE HEART N.E.C	M	0	0	0	16	16	39	43	61	100	34	318
		F	0	0	0	34	18	29	32	35	44	21	213
28	TOTAL	M	0	0	0	19	16	42	44	62	113	34	330
		F	0	0	0	37	20	29	34	36	47	21	224
29	CEREBROVASCULAR DISEASE												
290	SUBARACHNOID HAEMORRHAGE	M	0	0	0	1	1	2	2	0	0	2	8
		F	0	0	0	2	2	1	0	0	0	1	6
291	INTRACEREBRAL & OTHER INTRACRANIAL HAEMORRHAGE	M	0	0	1	2	1	3	2	1	3	0	13
		F	0	0	0	4	0	2	2	3	3	0	14
292	CEREBRAL INFARCTION	M	0	0	0	1	0	0	1	3	4	0	9
		F	0	0	1	1	2	1	2	0	1	1	9
293	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	M	0	0	1	3	2	1	2	12	4	2	27
		F	0	0	0	2	2	0	2	5	10	5	26
294	CEREBRAL ATHEROSCLEROSIS	M	0	0	0	1	0	0	0	0	2	0	3
299	OTHER CEREBRAL VASCULAR DISEASE	M	0	0	0	0	0	0	2	0	0	0	2
		F	0	0	0	0	0	0	0	1	0	1	2
29	TOTAL	M	0	0	2	8	4	6	9	16	13	4	62
		F	0	0	1	9	6	4	6	9	14	8	57
30	OTHER DISEASES OF CIRCULATORY SYSTEM												
300	ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	1	0	2	1	1	0	5
301	ARTERIAL EMBOLISM AND THROMBOSIS	M	0	0	0	0	1	0	1	0	1	0	3
		F	0	0	0	0	0	1	0	0	0	0	1
302	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPIL	M	0	1	3	0	2	1	2	2	1	1	13
		F	0	0	0	2	0	0	0	0	2	1	5
303	PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM &	M	0	1	3	3	5	9	10	4	13	2	50
		F	0	1	1	8	7	5	2	3	0	3	30
304	VARICOSE VEINS OF LOWER EXTREMITIES	M	0	0	0	8	1	0	2	0	1	1	13
		F	0	0	0	1	4	1	0	0	2	0	8
305	HAEMORRHOIDS	M	0	0	0	14	23	10	19	4	3	0	73
		F	0	0	0	8	25	8	3	0	2	0	46
309	OTHERS N.E.C	M	0	1	2	4	1	1	0	2	2	1	14
		F	0	1	1	2	1	1	1	1	0	0	8
30	TOTAL	M	0	3	8	29	33	21	34	12	22	5	167
		F	0	2	2	21	38	16	8	5	7	4	103
31	DISEASES OF THE UPPER RESPIRATORY TRACT												
310	ACUTE TONSILLITIS	M	7	48	41	24	7	11	5	0	0	3	146
		F	10	29	74	38	27	8	5	1	0	1	193
311	ACUTE LARYNGITIS AND TRACHEITIS	M	2	11	8	1	0	1	0	0	0	1	24
		F	2	4	2	2	1	3	2	1	0	1	18
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	M	327	405	85	22	29	17	9	16	25	19	954
		F	273	392	101	45	27	7	11	4	8	17	885

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)										N/S	TOTAL
CODE	DIAGNOSIS (EASTIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
313	DELECTED NASAL SEPTUM AND NASAL POLYPS	M	0	3	3	4	0	3	1	1	0	0	15
		F	0	3	3	3	6	4	2	0	1	2	24
314	CHRONIC PHARYNGITIS, NASOPHARYNGITIS AND SINUS	M	1	3	4	4	2	1	3	1	1	0	20
		F	2	11	2	5	2	1	2	0	0	0	25
315	CHRONIC DISEASES OF TONSILS AND ADENOIDS	M	4	8	2	0	1	1	0	0	2	0	18
		F	2	6	7	3	3	0	0	1	0	0	22
319	OTHERS	M	2	3	3	4	3	2	2	0	0	1	20
		F	2	1	3	4	3	0	0	0	0	0	13
31	TOTAL	M	343	481	146	59	42	36	20	18	28	24	1197
		F	291	446	192	100	69	23	22	7	9	21	1180
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM												
320	ACUTE BRONCHITIS AND BRONCHIOLITIS	M	7	8	5	1	1	3	0	1	2	1	29
		F	3	11	3	1	2	1	3	0	2	2	28
321	PNEUMONIA	M	378	486	100	55	59	32	34	38	65	35	1291
		F	283	378	92	37	46	21	18	23	18	32	948
322	INFLUENZA	M	24	22	10	17	10	5	4	6	8	1	116
		F	9	28	12	18	12	9	6	5	6	0	105
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA &	M	176	213	59	29	40	37	40	38	55	25	712
		F	130	218	74	59	64	48	50	31	30	27	731
324	BRONCHIECTASIS	M	0	1	0	0	0	0	0	0	1	0	2
		F	0	0	1	1	1	0	0	1	0	1	5
325	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	M	0	0	1	0	0	0	0	1	0	0	2
326	PNEUMONICIS AND OTHER LUNG DISEASE DUE TO EXT	M	0	2	0	0	0	0	1	1	1	1	6
		F	0	1	0	0	0	1	0	0	0	0	2
327	PLEURISY	M	0	3	2	5	12	11	4	6	11	4	58
		F	2	0	0	4	6	2	4	1	1	0	20
329	OTHERS	M	1	4	2	2	6	5	1	5	0	2	28
		F	2	8	1	4	3	0	1	1	1	2	23
32	TOTAL	M	586	739	197	109	128	93	84	96	143	69	2244
		F	429	644	183	124	134	82	82	62	58	64	1862
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS												
330	DISEASES OF TEETH AND SUPPORTING STRUCTURES	M	0	9	9	4	1	4	2	1	3	2	35
		F	1	7	3	8	7	2	2	1	2	1	34
331	DISEASES OF THE JAWS	M	0	0	1	1	0	0	0	0	0	0	2
		F	0	1	0	4	0	0	0	0	0	0	5
339	OTHERS	M	1	7	4	6	4	0	4	0	2	4	32
		F	1	3	6	4	6	4	2	1	3	1	31
33	TOTAL	M	1	16	14	11	5	4	6	1	5	6	69
		F	2	11	9	16	13	6	4	2	5	2	70
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM												
340	DISEASES OF OESOPHAGUS	M	0	0	1	0	2	2	0	0	1	1	7
		F	0	1	0	1	3	2	0	0	2	0	9
341	ULCER OF STOMACH AND DUODENUM	M	0	0	5	15	18	10	8	15	7	8	86
		F	0	0	9	20	18	9	6	2	2	6	72
342	APPENDICITIS	M	0	0	22	45	38	19	4	5	3	1	137
		F	0	0	30	70	40	5	5	1	1	4	156
343	HERNIA OF ABDOMINAL CAVITY	M	7	20	11	15	14	9	5	6	13	6	106
		F	4	5	8	6	6	3	3	2	1	2	40

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)										N/S	TOTAL
CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
344	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERN	M	4	16	12	9	14	6	5	8	8	6	88
		F	1	10	11	14	6	9	4	6	3	4	68
345	DIVERTICULA OF INTESTINE	M	0	0	0	1	0	2	0	0	0	0	3
		F	0	0	0	1	1	0	0	0	0	0	2
346	OTHER FUNCTIONAL DIGESTIVE DISORDERS	M	11	22	32	30	58	32	22	6	6	7	226
		F	9	14	29	54	38	14	10	4	5	10	187
347	CHRONIC LIVER DISEASE AND CIRRHOSIS	M	0	0	4	7	18	18	21	15	20	25	128
		F	0	0	6	10	6	7	4	6	6	13	58
348	CHOLELITHIASIS AND CHOLECYSTITIS	M	0	0	0	0	0	2	0	0	0	0	2
		F	0	0	0	0	4	1	3	1	1	1	11
349	OTHERS	M	6	14	16	19	24	16	20	3	5	4	127
		F	6	9	14	33	26	9	6	6	3	2	114
34 TOTAL		M	28	72	103	141	186	116	85	58	63	58	910
		F	20	39	107	209	148	59	41	28	24	42	717
35	DISEASES OF URINARY SYSTEM												
350	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	M	1	9	22	8	12	9	7	6	4	3	81
		F	0	14	14	16	12	5	5	5	2	2	75
351	INFECTIONS OF KIDNEY	M	0	0	1	1	0	1	3	6	4	0	16
		F	0	0	0	3	2	0	1	1	1	1	9
352	URINARY CALCULUS	M	0	0	5	3	11	6	5	5	9	17	61
		F	0	0	3	9	11	7	4	4	3	13	54
353	CYSTITIS	M	0	0	1	2	1	1	1	1	0	1	8
		F	0	0	1	2	4	1	0	2	0	0	10
359	OTHERS	M	7	18	8	31	26	26	30	30	40	27	252
		F	9	12	6	81	36	16	8	9	11	7	195
35 TOTAL		M	8	27	37	45	50	43	46	48	66	48	418
		F	9	26	24	111	65	29	18	21	17	23	343
36	DISEASES OF MALE GENITAL ORGANS												
360	HYPERPLASIA OF PROSTATE	M	0	0	0	0	0	12	9	12	44	8	85
361	HYDROCELE	M	0	0	14	17	26	5	19	32	44	10	167
362	REDUNDANT PREPUCE AND PHIMOSIS	M	27	63	73	76	42	19	7	1	8	7	323
363	INFERTILITY, MALE	M	0	0	0	0	1	0	0	0	0	0	1
369	OTHER UNSPEC. DISEA. OF MALE GENITAL ORGANS	M	0	0	12	32	38	12	10	10	11	2	127
36 TOTAL		M	27	63	99	125	107	48	45	55	107	27	703
37	DISEASES OF FEMALE GENITAL ORGANS												
370	DISEASES OF BREAST	F	0	0	3	89	49	18	5	6	4	7	181
371	SALPINGITIS AND OOPHORITIS	F	0	0	0	40	46	12	1	0	0	3	102
372	INFLAM. DISFA. OF PELVIC CELLULAR TISSUE & PER	F	0	0	0	436	320	89	33	4	3	14	899
373	INFLAMATORY DISEASES OF UTERUS, VAGINA & VULVA	F	0	0	0	65	44	20	10	2	2	4	147

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)								N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	
374	UTEROCERVICAL PROLAPSE	F	0	0	1	8	3	3	0	1	0	16
375	MENSTRUAL DISORDERS	F	0	0	8	309	251	132	52	0	29	781
376	INFERTILITY, FEMALE	F	0	0	0	46	94	28	4	0	0	175
379	OTHERS	F	0	0	0	59	72	35	27	0	0	219
37	TOTAL	F	0	0	12	1052	879	337	132	13	9	2520
38	ABORTION											
380	SPONTANEOUS ABORTION	F	0	0	0	17	13	6	1	0	0	38
381	LEGALLY INDUCED ABORTION	F	0	0	1	1	6	3	0	0	0	12
382	ILLEGALLY INDUCED ABORTION	F	0	0	0	1	1	0	0	0	0	2
389	UNSPECIFIED ABORTIONS	F	0	0	7	1043	839	251	25	0	0	2208
38	TOTAL	F	0	0	8	1062	859	260	26	0	0	2260
39	DIRECT OBSTETRIC CAUSES											
390	HAEMORRHAGE OF PREGNANCY AND CHILDBIRTH	F	0	0	2	328	229	74	4	0	0	648
391	TOXAEMIA OF PREGNANCY	F	0	0	1	133	86	40	1	0	0	266
392	INFECTIONS OF GENITOURINARY TRACT IN PREGNANCY	F	0	0	0	18	13	1	0	0	0	33
393	OBSTRUCTED LABOUR	F	0	0	0	6	4	0	1	0	0	11
394	COMPLICATIONS OF THE PUERPERIUM	F	0	0	2	44	25	6	1	0	0	81
395	OTHER COMPLICATIONS	F	0	0	0	0	1	0	0	0	0	1
39	TOTAL	F	0	0	7	879	511	155	10	0	0	1586
40	INDIRECT OBSTETRIC CAUSES	F	0	0	1	73	64	18	0	0	0	158
40	TOTAL	F	0	0	1	73	64	18	0	0	0	158
42	DISEASES OF SKIN AND SUBCUTANEOUS TISSUE											
420	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUES	M	51	113	160	134	137	78	46	42	34	823
429	OTHERS	F	41	96	131	162	106	66	24	22	25	703
		M	16	25	19	21	35	16	15	6	11	169
		F	11	18	28	35	20	14	8	5	7	153
42	TOTAL	M	67	138	179	155	172	94	61	48	45	992
		F	52	114	159	197	126	80	32	27	32	856

TABLE 5.8 (Cont.)
INPATIENT DISCHARGES (EXCLUDING NEO-NATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)										N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+			
43	DISEA. OF MUSCULOSKELETAL SYSTEM & CON. TISSUE													
430	RHEUMATOID ARTHRITIS, EXCEPT SPINE	M	0	0	6	3	2	5	5	3	4	3	31	
		F	0	0	9	10	8	5	5	2	2	3	44	
431	OTHER ARTHROPATHIES	M	0	0	14	11	8	11	6	7	14	12	83	
		F	0	0	14	10	8	2	4	6	7	4	55	
432	OTHER DISORDERS OF JOINTS	M	0	2	9	11	9	12	9	5	4	3	64	
		F	0	4	3	8	2	7	2	4	2	3	35	
433	ANKYLOSING SPONDYLITIS	M	0	0	1	0	0	1	0	0	0	0	2	
		F	0	0	0	0	1	0	0	0	0	0	1	
434	OTHER DORSOPATHIES	M	0	1	3	4	4	8	2	4	2	0	28	
		F	0	0	2	4	3	3	0	5	1	1	19	
435	RHEUMATISM, EXCLUDING THE BACK	M	0	5	20	28	33	12	21	10	9	16	154	
		F	0	2	16	25	20	16	10	8	7	5	109	
436	OSTEOMYELITIS,PERIOSTITIS & OTHER INFECTION INVOLVING	M	2	5	47	23	12	11	13	12	9	10	144	
		F	1	5	33	13	7	7	6	6	4	5	85	
437	ACQUIRED DEFORMITIES OF LIMBS	M	0	0	7	3	0	3	2	0	0	0	15	
		F	0	0	2	2	1	0	1	0	0	0	4	
439	OTHERS	M	1	1	7	5	8	6	5	5	1	2	41	
		F	0	4	6	8	2	3	0	0	2	1	26	
43 TOTAL		M	3	14	114	88	76	69	63	46	43	46	562	
		F	1	15	85	79	49	43	28	31	25	22	378	
44	CONGENITAL ANOMALIES													
440	SPINA BIFIDA AND HYDROCEPHALUS	M	27	19	0	0	0	0	0	0	0	0	46	
		F	24	11	0	0	0	0	0	0	0	0	35	
441	OTHER DEFORMITIES OF CENTRAL NERVOUS SYSTEM	M	2	1	0	1	0	0	0	0	0	0	4	
		F	2	1	1	1	0	0	0	1	0	0	6	
442	CONGENITAL ANOMALIES OF HEART AND CIRCULATORY	M	8	3	1	2	0	0	0	0	0	0	14	
		F	0	4	1	0	1	0	0	0	0	0	6	
443	CLEFT PALATE AND CLEFT LIP	M	8	3	2	0	2	0	0	0	0	0	15	
		F	3	2	1	0	0	1	0	0	0	0	7	
444	OTHER DEFORMITIES OF DIGESTIVE SYSTEM	M	3	2	1	1	0	1	0	0	0	0	8	
		F	2	2	3	0	1	0	0	0	0	1	9	
445	UNDESCENDED TESTICLE	M	1	2	4	6	3	0	0	1	0	0	17	
446	CONGENITAL DISLOCATION OF HIP	M	1	2	3	0	2	0	0	0	0	0	9	
		F	0	0	0	1	0	0	0	0	0	1	2	
447	OTHER CONGENITAL ANOMALIES OF MUSCULOSKELETAL	M	4	6	2	0	2	0	1	0	0	0	15	
		F	4	4	6	2	0	0	1	0	0	0	17	
449	UNSPECIFIED	M	15	11	7	2	4	1	1	0	0	0	41	
		F	10	9	3	4	2	0	0	0	0	0	28	
44 TOTAL		M	69	49	20	12	13	2	2	1	1	0	169	
		F	45	33	15	8	4	1	0	2	0	2	110	
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS													
460	PYREXIA OF UNKNOWN ORIGIN	M	51	67	31	26	24	10	9	4	7	5	234	
		F	36	46	35	45	30	22	11	7	6	2	240	
461	SYMPTOMS INVOLVING HEART	M	4	11	14	16	19	4	9	4	5	3	89	
		F	3	13	21	11	11	5	2	4	5	5	78	
462	RENAL COLIC	M	0	0	1	1	9	6	1	5	2	3	28	
		F	1	2	2	8	6	2	5	3	0	2	31	
463	RETENTION OF THE URINE	M	1	0	1	1	3	3	1	2	12	7	31	
		F	0	1	1	3	1	0	1	1	1	0	9	

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)											
CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	TOTAL
464	ABDOMINAL PAIN	M	4	10	15	41	30	14	11	9	4	9	147
		F	5	6	21	127	94	30	11	8	6	8	316
465	SENILITY WITHOUT MENTION OF PSYCHOSIS	M	0	0	0	0	0	0	0	0	7	0	7
		F	0	0	0	0	0	0	0	0	13	1	14
467	RESPIRATORY FAILURE	M	2	5	0	2	1	2	0	0	0	1	13
		F	1	1	0	1	1	1	0	0	0	0	5
469	OTHERS, N.E.C	M	50	112	42	45	44	26	18	21	20	22	400
		F	40	78	48	71	69	33	23	16	28	26	432
46	SIGNS, SYMPTOMS AND ILL-DEFINED CONDITIONS	M	0	0	1	0	0	0	0	0	0	0	1
46 TOTAL		M	112	205	105	132	130	65	40	45	57	50	950
		F	86	147	116	276	212	93	53	30	50	44	1125
47	FRACTURES												
470	FRACTURES OF SKULL AND FACE	M	1	3	20	36	40	21	12	2	3	11	149
		F	4	2	8	9	9	4	1	1	2	3	43
471	FRACTURE OF NECK AND TRUNK	M	0	4	28	13	11	16	8	10	2	3	95
		F	0	1	13	9	10	6	2	4	4	3	52
472	FRACTURE OF HUMERUS, RADIUS & ULNA	M	1	24	199	68	46	26	17	17	9	15	422
		F	2	15	70	11	17	15	7	9	12	8	166
473	FRACTURE OF NECK OF FEMUR	M	3	8	16	15	13	6	4	11	10	3	89
		F	0	1	7	5	1	3	2	2	4	0	34
474	FRACTURE OF OTHER PARTS OF FEMUR	M	5	7	22	7	13	2	5	5	8	8	82
		F	4	3	10	3	2	1	3	0	2	2	30
475	FRACTURE OF TIBIA, FIBULA AND ANKLE	M	3	10	73	85	69	38	24	12	12	18	344
		F	2	12	30	23	12	22	11	11	0	11	143
476	OTHER FRACTURES OF LIMBS	M	1	2	11	4	4	1	3	2	5	2	35
		F	0	2	5	3	1	3	1	1	0	0	16
479	UNSPECIFIED	M	2	3	7	9	14	8	6	2	0	2	53
		F	0	2	3	3	2	0	1	2	0	0	13
47 TOTAL		M	16	61	376	237	210	118	79	61	40	62	1269
		F	12	38	146	66	54	54	28	30	33	36	497
48	DISLOCATIONS,SPRAINS AND STRAINS												
489	DISLOCATION,SPRAINS AND STRAINS	M	1	8	41	53	61	30	18	7	2	7	228
		F	1	5	16	22	16	13	9	5	7	4	98
48 TOTAL		M	1	8	41	53	61	30	18	7	2	7	228
		F	1	5	16	22	16	13	9	5	7	4	98
49	INTRACRANIAL AND INTERNAL INJURIES INCLUDING NERVES												
490	CONCUSSION	M	3	4	8	2	3	3	1	0	2	1	27
		F	0	2	3	4	2	2	1	0	0	0	14
491	OTHER INTRACRANIAL INJURIES	M	4	8	17	25	23	9	6	5	2	7	106
		F	1	7	6	17	9	3	3	2	3	1	52
499	OTHER INJURIES, N.E.C	M	0	1	0	1	1	0	0	0	0	0	3
		F	0	0	0	1	0	0	0	0	0	0	1
49 TOTAL		M	7	13	25	28	27	12	7	5	4	8	136
		F	1	9	9	22	11	5	4	2	3	1	67
50	OPEN WOUNDS AND INJURY TO BLOOD VESSELS												
500	OPEN WOUNDS OF EYE, EAR AND HEAD	M	7	18	37	63	67	31	15	7	2	8	255
		F	1	9	14	19	22	10	4	2	3	3	87

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

TABLE 5.8 (Cont.)

CODE	DIAGNOSIS (EASTIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)									N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
501	OPEN WOUND OF UPPER LIMB	M	2	3	3	15	17	6	3	1	0	3	53
		F	0	0	3	3	5	3	1	3	0	4	22
502	OPEN WOUND OF LOWER LIMB	M	0	7	18	15	14	7	7	1	3	5	77
		F	3	1	4	7	5	4	1	3	1	1	30
509	UNSPECIFIED	M	1	6	25	47	34	20	12	8	9	6	168
		F	0	5	11	27	12	8	4	5	1	0	73
50 TOTAL		M	10	34	83	140	132	64	37	17	14	22	553
		F	4	15	32	56	44	25	10	13	5	8	212
51	EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	M	2	4	0	0	0	0	1	0	0	2	9
510	ALIMENTARY	F	0	4	4	1	0	0	0	0	0	0	9
519	EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFI	M	2	30	47	13	13	8	2	3	1	1	120
		F	1	25	34	7	8	4	1	1	1	2	84
51 TOTAL		M	4	34	47	13	13	8	3	3	1	3	120
		F	1	29	38	8	8	4	1	1	1	2	93
52	BURNS	M	8	17	21	4	4	1	0	0	0	1	56
520	BURN CONFINED TO EYE AND ADNEXA	F	4	23	10	2	1	1	1	0	0	1	43
521	BURNS OF WRIST AND HAND	M	1	5	3	2	0	1	0	0	0	1	13
		F	0	3	2	0	0	0	0	0	0	0	5
529	UNSPECIFIED BURNS	M	14	112	63	22	16	16	5	8	10	7	273
		F	7	92	82	16	17	7	7	3	5	13	249
52 TOTAL		M	23	134	87	28	20	18	5	8	10	9	342
		F	11	118	94	18	18	8	8	3	5	14	297
53	POISONING AND TOXIC EFFECTS	M	7	28	17	13	17	5	4	4	3	2	100
530	MEDICINAL AGENTS	F	2	22	10	20	17	3	3	0	1	2	80
539	OTHERS	M	21	184	102	38	25	27	9	10	8	12	436
		F	17	160	88	77	52	30	10	15	7	12	468
53 TOTAL		M	28	212	119	51	42	32	13	14	11	14	536
		F	19	182	98	97	69	33	13	15	8	14	548
54	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	M	1	0	4	4	4	1	0	0	1	0	15
540	COMPLICATIONS OF MEDICAL AND SURGICAL CARE	F	0	1	1	1	3	1	0	0	0	0	7
549	OTHERS	M	0	1	0	4	2	1	2	0	0	0	10
		F	0	0	1	2	0	0	2	0	1	0	6
54 TOTAL		M	1	1	4	8	6	2	2	0	1	0	25
		F	0	1	2	3	3	1	2	0	1	0	13
55	OTHER INJURIES, EARLY COMPLICATIONS OF TRAUMA	M	0	0	0	0	0	1	0	0	0	0	1
551	CODE NOT ON FILE	F	0	0	1	1	1	0	0	0	0	0	3
559	OTHER AND UNSPECIFIED	M	12	48	153	296	320	146	78	44	24	70	1191
		F	12	35	86	161	120	61	25	19	14	21	554
55 TOTAL		M	12	48	153	296	320	147	78	44	24	70	1192
		F	12	35	87	162	121	61	25	19	14	21	557

TABLE 5.8 (Cont.)

INPATIENT DISCHARGES (EXCLUDING NEONATAL DISCHARGES)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)			SEX	<1	1-4	5-14	AGE GROUP (YEARS)						N/S	TOTAL
							15-24	25-34	35-44	45-54	55-64	65+		
56	LATE EFFECTS OF INJURIES, POISONING, TOXIC & OTHER EXTERNAL													
569	LATE EFFECTS OF INJURIES, POISONING, TOXIC & OTH	M	3	10	10	18	10	7	2	3	1	2	66	
		F	2	11	13	12	4	4	1	0	1	2	50	
56	TOTAL	M	3	10	10	18	10	7	2	3	1	2	66	
		F	2	11	13	12	4	4	1	0	1	2	50	
VO	OTHER REASNS FOR CONTACT WITH HEALTH SERVICES													
VO1	SUPERVISION OF PREGNANCY AND PUERPERIUM	M	0	0	0	0	0	0	1	0	0	0	1	
		F	0	0	0	14	7	1	1	0	0	0	23	
VO3	PERSONS ENCOUNTERING H/SERVICES FOR SPEC. PROC	M	22	30	34	67	60	21	10	6	20	8	278	
		F	14	27	26	93	100	32	11	12	8	11	334	
VO4	PERSONS ENCOUNTERING HEALTH SERVICES FOR PSYCH	M	0	0	0	0	0	1	0	0	0	0	1	
		F	0	0	0	0	2	5	0	0	0	0	7	
VO5	EXAMINATIONS AND INVESTIGATINS OF INDIVIDUALS	M	1	2	4	3	2	0	1	0	0	0	13	
		F	0	2	0	2	6	2	0	0	0	0	12	
VO7	TUBALIGATION	M	0	0	0	0	1	1	1	0	0	0	3	
		F	0	0	0	18	76	114	8	0	0	3	219	
VO9	OTHERS	M	0	0	0	0	0	1	0	0	0	0	1	
		F	0	0	0	15	25	7	0	0	0	0	47	
VO	TOTAL	M	23	32	38	70	63	24	13	6	20	8	297	
		F	14	29	26	142	216	161	20	12	8	14	642	
GRAND TOTAL			M	2316	3965	2910	2574	2652	1821	1401	1306	1569	1025	21539
			F	1762	3394	2399	6361	5068	2395	1123	823	894	1001	25220
			T	4078	7359	5309	8935	7720	4216	2524	2129	2463	2026	46759

TABLE 5.9
INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)										N/S	TOTAL
		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+			
Q1 INTESTINAL INFECTIOUS DISEASES													
Q13 FOOD POISONING	M	0	0	1	0	0	0	0	0	0	0	0	1
Q16 ILL-DEFINED INTESTINAL INFECTIONS	M	7	10	2	0	0	0	1	1	0	3	2	25
	F	11	11	1	0	1	1	1	1	1	4	2	33
Q1 TOTAL	M	7	10	3	0	0	0	1	1	0	3	2	26
	F	11	11	1	0	1	1	1	1	1	4	2	33
Q2 TUBERCULOSIS													
Q20 PULMONARY TUBERCULOSIS	M	4	2	5	8	13	22	22	28	56	13	173	
	F	2	1	2	8	15	9	10	9	22	10	88	
Q22 T.B OF MENINGES & CENTRAL NERVOUS SYSTEM	M	1	0	0	0	1	1	1	0	0	0	4	
	F	0	0	2	0	0	0	0	0	0	1	3	
Q23 T.B OF INTEST.,PERITONEUM & MESENTERIC GLANDS	M	0	0	1	0	0	0	0	0	0	0	1	
	F	0	0	0	0	0	0	0	1	0	0	1	
Q24 TUBERCULOSIS OF BONES & JOINTS	M	0	0	0	0	0	0	0	0	1	0	1	
	F	0	0	0	0	0	1	0	1	0	0	3	
Q25 T.B GLANDS, ADENITIS	M	1	0	0	0	0	1	0	1	0	0	3	
	F	0	0	0	1	0	0	0	0	0	1	2	
Q2 TOTAL	M	6	2	6	8	14	24	23	29	57	13	182	
	F	2	1	4	9	15	9	10	10	22	12	94	
Q3 OTHER BACTERIAL DISEASES													
Q33 DIPHTHERIA	F	0	0	1	0	0	0	0	0	0	0	0	1
Q37 TETANUS	M	0	0	0	1	0	1	0	0	0	0	0	2
	F	1	0	0	0	0	1	0	0	0	0	0	2
Q38 SEPTICAEMIA	M	5	1	1	0	0	0	0	0	1	0	8	
	F	1	1	0	0	0	0	0	0	0	1	3	
Q3 TOTAL	M	5	1	1	1	0	1	0	0	1	0	10	
	F	2	1	1	0	0	1	0	0	0	1	6	
Q4 VIRAL DISEASES													
Q42 MEASLES	M	1	5	2	0	0	0	0	0	0	0	0	8
	F	3	5	0	1	0	0	0	0	1	0	0	10
Q45 ARTHROPOD-BORNE ENCEPHALITIS	M	0	1	0	0	0	1	0	0	0	0	0	2
Q46 VIRAL HEPATITIS	M	1	1	0	1	1	0	1	2	1	0	0	8
	F	0	0	1	2	0	1	1	0	0	0	0	5
Q4 TOTAL	M	2	7	2	1	1	1	1	2	1	0	0	18
	F	3	5	1	3	0	1	1	0	1	0	0	15
Q5 RICKETTSIOSIS & OTHER ARTHROPOD BORNE DISEASES													
Q52 MALARIA	M	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	1
Q5 TOTAL	M	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	1
Q6 VENERAL DISEASES													

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)										N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+			
060	SYPHILIS	M	0	0	0	0	0	0	0	0	0	1	1	
06	TOTAL	M	0	0	0	0	0	0	0	0	0	1	1	
08	MALIG. NEOPL. OF LIP, ORAL CAVITY & PHARYNX													
083	MALIG. NEOPLASM OF PHARYNX	M	0	0	0	0	0	1	0	0	0	0	1	
089	OTHERS, N.E.C.	M	0	0	0	0	0	1	0	1	1	0	3	
		F	0	0	0	0	0	1	0	0	0	0	1	
08	TOTAL	M	0	0	0	0	0	2	0	1	1	0	4	
		F	0	0	0	0	0	1	0	0	0	0	1	
09	MALIG. NEOPL. OF DIGESTIVE ORGANS & PERITONEUM													
090	MALIG. NEOPLASM OF OESOPHAGUS	M	0	0	0	0	0	3	3	6	5	5	22	
		F	0	0	0	0	1	0	1	0	1	1	4	
091	MALIG. NEOPLASM OF STOMACH	M	0	0	0	0	1	0	1	1	0	0	3	
		F	0	0	0	0	0	0	2	1	0	2	5	
092	MALIG. NEOPL. OF SMALL INTEST. INCLUDING DUODE	M	0	0	0	0	0	0	0	0	1	0	1	
093	MALIG. NEOPLASM OF COLON	F	0	0	0	0	0	0	0	1	1	0	2	
094	MALIG. NEOPL. OF RECTUM, RECTOSIGMOID JUNCTION	F	0	0	0	0	0	0	0	0	1	0	1	
095	MALIG. NEOPL. OF LIVER SPECIFIED AS PRIMARY	M	0	0	0	1	1	2	4	3	6	0	17	
		F	0	0	0	0	0	0	0	3	0	0	3	
096	MALIG. NEOPLASM OF PANCREAS	M	0	0	0	0	0	1	1	1	2	1	6	
		F	0	0	0	0	0	1	0	0	0	0	1	
099	OTHERS, N.E.C.	F	0	0	0	0	0	1	0	0	0	0	1	
09	TOTAL	M	0	0	0	1	2	6	9	11	14	6	40	
		F	0	0	0	0	2	1	3	5	3	3	17	
10	MALIG. NEOPL. OF RESP. & INTRATHORACIC ORGANS													
100	MALIG. NEOPLASM OF LARYNX	M	0	0	0	0	0	0	0	1	1	0	2	
101	MALIG. NEOPLASM OF TRACHEA & LUNG	M	0	0	0	0	0	0	0	0	3	0	3	
		F	0	0	0	0	0	0	0	0	1	1	2	
109	OTHERS	M	0	0	0	0	0	1	0	1	0	0	2	
10	TOTAL	M	0	0	0	0	0	1	0	2	4	0	7	
		F	0	0	0	0	0	0	0	0	1	1	2	
11	MALIG. NEOPL. OF BONE, CONNECTIVE TISSUE, SKIN & BREAST													
111	MALIG. MELANOMA OF SKIN	M	0	0	0	0	0	0	0	0	1	0	1	
		F	0	0	0	0	0	0	0	0	1	0	1	
113	MALIG. NEOPLASM OF FEMALE BREAST	F	0	0	0	0	1	2	0	1	1	0	5	
119	OTHERS	M	0	0	0	0	0	0	2	0	0	0	2	
11	TOTAL	M	0	0	0	0	0	0	2	0	1	0	3	
		F	0	0	0	0	1	2	0	1	2	0	6	

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

[illegible]

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)									N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
181	DIABETES MELLITUS	M	0	0	0	2	0	1	0	1	0	0	4
		F	0	1	3	0	0	1	0	1	0	0	6
189	OTHERS	F	1	0	0	0	0	0	0	0	0	0	1
18	TOTAL	M	0	0	0	2	0	1	0	1	0	0	4
		F	1	1	3	0	0	1	0	1	0	0	7
19	NUTRITIONAL DEFICIENCIES												
190	KWASHIORKOR	M	1	12	0	0	0	0	0	0	0	0	13
		F	2	12	0	0	0	0	0	0	0	0	14
191	NUTRITIONAL MARASMUS	M	0	2	0	0	0	0	0	0	0	0	2
		F	2	3	0	0	0	0	0	0	0	0	5
192	OTHER PROTEIN-CALORIE MALNUTRITION	M	7	15	0	0	0	0	0	0	0	0	22
		F	2	14	0	0	0	0	0	0	0	1	17
193	AVITAMINOSIS	F	0	0	0	0	0	0	0	0	1	0	1
19	TOTAL	M	8	29	0	0	0	0	0	0	0	0	37
		F	6	29	0	0	0	0	0	0	1	1	37
20	DISEASE OF BLOOD & BLOOD FORMING ORGANS												
200	ANAEMIAS	M	0	1	0	0	1	0	1	1	1	0	5
		F	2	1	0	0	1	0	1	0	1	0	6
209	UNSPECIFIED DISEASES OF BLOOD AND BLOOD FORMING	M	0	0	0	0	0	1	0	0	0	0	1
20	TOTAL	M	0	1	0	0	1	1	1	1	1	0	6
		F	2	1	0	0	1	0	1	0	1	0	6
21	MENTAL DISORDERS												
210	SENILE & PRESENILE ORGANIC PSYCHOTIC CONDITION	F	0	0	0	0	0	0	0	0	0	1	1
214	NEUROTIC AND PERSONALITY DISORDERS	F	0	0	0	0	0	0	0	0	1	0	1
219	OTHER MENTAL DISORDERS	F	0	0	0	0	0	0	0	0	1	0	1
21	TOTAL	F	0	0	0	0	0	0	0	0	2	1	3
22	DISEASES OF THE NERVOUS SYSTEM												
220	MENINGITIS	M	5	4	3	0	1	0	0	0	0	1	14
		F	4	3	2	3	0	0	0	0	0	2	14
224	INFANTILE CEREBRAL PALSY & OTHER PARALYTIC SYN	F	0	0	1	0	0	0	0	0	1	0	2
225	EPILEPSY	M	0	1	0	1	0	1	0	0	2	0	5
		F	0	0	0	0	0	1	0	0	0	0	1
225	UNSPECIFIED	M	0	2	0	0	0	0	0	0	1	0	3
		F	0	0	2	0	0	0	0	0	0	1	3
22	TOTAL	M	5	7	3	1	1	1	0	0	3	1	22
		F	4	3	5	3	0	1	0	0	1	3	20
24	DISEASES OF THE EAR AND MASTOID PROCESS												

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

		AGE GROUP (YEARS)												
CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	TOTAL	
240	OTITIS MEDIA AND MASTOIDITIS	M	0	0	1	0	0	0	0	0	0	0	1	
24	TOTAL	M	0	0	1	0	0	0	0	0	0	0	1	
25	RHEUMATIC FEVER & RHEUMATIC HEART DISEASES													
250	ACUTE RHEUMATIC FEVER	F	0	0	0	0	0	0	0	0	0	1	1	
251	CHRONIC RHEUMATIC HEART DISEASE	M	0	0	0	0	0	1	0	0	0	0	1	
259	OTHERS N.E.C	M	0	0	0	0	0	0	1	0	0	0	1	
25	TOTAL	M	0	0	0	0	0	1	1	0	0	0	2	
		F	0	0	0	0	0	0	0	0	0	1	1	
26	HYPERTENSIVE HEART DISEASE													
260	HYPERTENSIVE HEART DISEASE	M	0	0	0	0	0	0	2	2	3	0	7	
		F	0	0	0	0	2	0	3	0	2	0	7	
269	OTHERS	M	0	0	0	0	1	0	1	2	3	0	7	
		F	0	0	0	3	0	0	0	1	1	1	6	
26	TOTAL	M	0	0	0	0	1	0	3	4	6	0	14	
		F	0	0	0	3	2	0	3	1	3	1	13	
27	ISCHAEMIC HEART DISEASE													
270	ACUTE MYOCARDIAL INFARCTION	M	0	0	0	0	0	0	0	0	2	0	2	
27	TOTAL	M	0	0	0	0	0	0	0	0	2	0	2	
28	DISEASE OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASE													
280	PULMONARY EMBOLISM	F	0	0	0	0	1	0	0	0	2	0	3	
281	CARDIAC DYSRHYTHMIAS	F	0	0	0	0	0	0	1	0	0	0	1	
289	DISEASES OF THE HEART N.E.C	M	0	0	0	1	5	6	7	15	25	9	68	
		F	0	0	0	7	1	1	6	9	14	3	41	
28	TOTAL	M	0	0	0	1	5	6	7	15	25	9	68	
		F	0	0	0	7	2	1	7	9	16	3	45	
29	CEREBROVASCULAR DISEASE													
290	SUBARACHNOID HAEMORRHAGE	M	0	0	0	1	0	0	0	1	0	0	2	
		F	0	0	0	0	0	0	0	0	0	1	1	
291	INTRACEREBRAL & OTHER INTRACRANIAL HAEMORRHAGE	M	0	0	0	0	0	1	4	2	0	1	8	
		F	0	0	0	0	1	0	2	0	1	0	4	
292	CEREBRAL INFARCTION	M	0	0	0	0	0	1	2	0	2	0	5	
		F	0	0	0	0	0	1	1	0	1	1	4	
293	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	M	0	1	0	1	0	2	1	2	4	5	16	
		F	0	0	0	0	0	0	0	1	7	2	10	
299	OTHER CEREBRAL VASCULAR DISEASE	F	0	0	0	0	0	0	0	1	0	0	1	
29	TOTAL	M	0	1	0	2	0	4	7	5	6	6	31	
		F	0	0	0	0	1	1	3	2	9	4	20	

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE	DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)								N/S	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+	
30	OTHER DISEASES OF CIRCULATORY SYSTEM											
309	OTHERS N.F.C	M	0	0	0	0	0	0	0	1	0	1
30	TOTAL	M	0	0	0	0	0	0	0	1	0	1
31	DISEASES OF THE UPPER RESPIRATORY TRACT											
311	ACUTE LARYNGITIS AND TRACHEITIS	M	0	0	0	0	0	0	0	1	0	1
312	OTHER ACUTE UPPER RESPIRATORY INFECTIONS	F	1	0	0	0	0	0	0	0	0	1
		M	2	5	0	0	0	0	0	1	2	10
319	OTHERS	F	1	5	0	0	0	2	0	0	3	11
		F	1	0	0	0	0	0	0	0	0	1
31	TOTAL	M	2	5	0	0	0	0	0	2	2	11
		F	3	5	0	0	0	2	0	0	3	13
32	OTHER DISEASES OF THE RESPIRATORY SYSTEM											
320	ACUTE BRONCHITIS AND BRONCHIOLITIS	M	1	0	0	0	0	0	0	0	0	1
321	PNEUMONIA	M	20	11	1	1	0	1	2	0	2	40
		F	12	13	1	1	0	1	2	2	4	40
322	INFLUENZA	M	0	0	0	0	0	0	0	0	1	1
323	BRONCHITIS, CHRONIC & UNSPECIFIED, EMPHYSEMA &	M	3	2	1	0	0	0	0	1	3	12
		F	2	4	0	0	0	0	0	1	0	8
327	PLEURISY	M	0	0	0	0	0	0	1	0	1	2
329	OTHERS	M	0	0	0	0	0	0	0	2	2	4
		F	0	0	0	0	0	0	1	0	1	2
32	TOTAL	M	24	13	2	1	0	1	3	3	9	60
66		F	14	17	1	1	0	1	3	3	5	50
33	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS											
339	OTHERS	M	0	1	0	0	0	0	0	0	0	1
33	TOTAL	M	0	1	0	0	0	0	0	0	0	1
34	DISEASES OF OTHER PARTS OF THE DIGESTIVE SYSTEM											
340	DISEASES OF OESOPHAGUS	M	0	0	0	0	0	0	0	0	1	1
341	ULCER OF STOMACH AND DUODENUM	M	0	0	0	0	1	0	0	0	0	1
		F	0	0	0	0	0	0	1	0	0	1
342	APPENDICITIS	F	0	0	0	0	0	0	0	0	0	0
344	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERN	M	1	1	0	0	0	2	0	0	1	6
		F	1	1	0	0	0	0	0	0	0	2
346	OTHER FUNCTIONAL DIGESTIVE DISORDERS	M	0	0	0	1	0	1	0	0	0	2
		F	1	0	0	1	0	0	0	0	0	2
347	CHRONIC LIVER DISEASE AND CIRRHOSIS	M	0	0	1	0	3	3	2	3	2	16
		F	0	0	1	2	1	1	2	2	2	11

TABLE 5.9 (Cont.)

INSTITUTIONAL DEATHS (EXCLUDING ~~NEO~~ NATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

CODE DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	AGE GROUP (YEARS)									N/S	TOTAL
		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65+		
349 OTHERS	M	0	0	0	1	1	0	0	1	1	0	4
	F	0	0	0	3	1	1	0	1	0	1	7
34 TOTAL	M	1	1	1	2	5	6	2	4	5	3	30
	F	2	1	1	6	3	2	3	3	2	1	24
35 DISEASES OF URINARY SYSTEM												
350 NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	M	0	0	2	0	0	1	0	2	2	1	8
	F	0	0	0	0	1	0	1	0	0	0	2
351 INFECTIONS OF KIDNEY	M	0	0	0	0	0	0	0	1	1	0	2
352 URINARY CALCULUS	M	0	0	0	0	0	0	0	0	1	0	1
359 OTHERS	M	0	0	1	1	0	1	0	1	1	2	7
	F	1	0	0	0	0	0	0	0	2	0	3
35 TOTAL	M	0	0	3	1	0	2	0	4	5	3	18
	F	1	0	0	0	1	0	1	0	2	0	5
36 DISEASES OF MALE GENITAL ORGANS												
360 HYPERPLASIA OF PROSTATE	M	0	0	0	0	0	0	0	0	1	0	1
36 TOTAL	M	0	0	0	0	0	0	0	0	1	0	1
37 DISEASES OF FEMALE GENITAL ORGANS												
373 INFLAMMATORY DISEASES OF UTERUS, VAGINA & VULVA	F	0	0	0	0	0	0	0	0	0	1	1
379 OTHERS	F	0	0	0	0	0	0	0	0	0	1	1
37 TOTAL	F	0	0	0	0	0	0	0	0	0	2	2
38 ABORTION												
389 UNSPECIFIED ABORTIONS	F	0	0	0	0	1	0	0	0	0	0	1
38 TOTAL	F	0	0	0	0	1	0	0	0	0	0	1
39 DIRECT OBSTETRIC CAUSES												
390 HAEMORRHAGE OF PREGNANCY AND CHILDBIRTH	F	0	0	0	1	0	0	0	0	0	0	1
391 TOXAEMIA OF PREGNANCY	F	0	0	0	1	1	0	0	0	0	0	2
393 OBSTRUCTED LABOUR	F	0	0	0	1	0	1	0	0	0	0	2
394 COMPLICATIONS OF THE PUERPERIUM	F	0	0	0	0	1	1	0	0	0	0	2
399 OTHER COMPLICATIONS	F	0	0	0	1	0	0	0	0	0	0	1
39 TOTAL	F	0	0	0	4	2	2	0	0	0	0	8

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

[illegible]

INSTITUTIONAL DEATHS (EXCLUDING NEONATAL DEATHS)
BY AGE, SEX AND DIAGNOSIS - 1983

TABLE 5.9 (Cont.)

CODE DIAGNOSIS (BASIC TABULATION LIST CATEGORIES)	SEX	<1	1-4	AGE GROUP (YEARS)								65+	N/S	TOTAL
				5-14	15-24	25-34	35-44	45-54	55-64					
45C CONCUSSION	M	0	0	0	0	0	0	0	0	0	1	0	1	
491 OTHER INTRACRANIAL INJURIES	M	0	0	0	0	0	0	0	2	1	0	0	3	
	F	0	0	0	0	0	0	0	1	0	0	0	1	
49 TOTAL	M	0	0	0	0	0	0	0	2	1	1	0	4	
	F	0	0	0	0	0	0	0	1	0	0	0	1	
50 OPEN WOUNDS AND INJURY TO BLOOD VESSELS														
500 OPEN WOUNDS OF EYE, EAR AND HEAD	M	0	0	0	2	0	1	0	0	0	0	0	3	
	F	0	0	1	0	0	0	0	0	1	0	0	2	
509 UNSPECIFIED	M	0	0	1	0	0	0	0	0	0	0	0	1	
50 TOTAL	M	0	0	1	2	0	1	0	0	0	0	0	4	
	F	0	0	1	0	0	0	0	0	1	0	0	2	
52 BURNS														
520 BURN CONFINED TO EYE AND ADNEXA	M	0	1	0	0	0	0	0	0	0	0	1	2	
	F	0	2	0	0	0	0	0	0	0	0	0	2	
529 UNSPECIFIED BURNS	M	0	0	0	2	2	0	0	0	0	0	0	6	
	F	0	0	0	0	0	0	0	0	1	1	2	2	
52 TOTAL	M	0	3	0	2	2	0	0	0	0	1	1	8	
	F	0	2	0	0	0	0	0	0	1	1	4	4	
53 POISONING AND TOXIC EFFECTS														
530 MEDICINAL AGENTS	M	2	0	2	0	0	0	3	0	1	0	0	8	
	F	0	1	0	1	0	0	0	0	0	1	0	3	
539 OTHERS	M	1	1	2	0	1	1	0	1	2	1	10	10	
	F	1	3	0	0	0	0	0	1	0	0	5	5	
53 TOTAL	M	3	1	4	0	1	1	3	1	3	1	18	18	
	F	1	4	0	1	0	0	0	1	0	1	8	8	
55 OTHER INJURIES, EARLY COMPLICATIONS OF TRAUMA														
559 OTHER AND UNSPECIFIED	M	0	0	2	1	1	1	1	1	2	1	10	10	
	F	0	1	0	0	1	0	0	1	0	0	3	3	
55 TOTAL	M	0	0	2	1	1	1	1	1	2	1	10	10	
	F	0	1	0	0	1	0	0	1	0	0	3	3	
56 LATE EFFECTS OF INJURIES, POISONING, TOXIC & OTHER EXTERNAL														
569 LATE EFFECTS OF INJURIES, POISONING, TOXIC & OTH	M	0	0	0	0	0	0	0	1	0	0	1	1	
56 TOTAL	M	0	0	0	0	0	0	0	1	0	0	1	1	
	F	0	0	0	0	0	0	0	1	0	0	1	1	
56 GRAND TOTAL	M	71	89	33	28	41	66	73	102	174	63	740	740	
	F	62	87	22	39	37	33	44	43	91	50	508	508	
	T	133	176	55	67	78	99	117	145	265	113	1248	1248	

TABLE 5.10

NEONATAL DEATHS BY CAUSE GROUP AND AGE OF FOETUS - 1983

CODE CAUSE GROUP		AGE (DAYS)											
		<1	1	2	3	4	5	6	7-13	14-20	21-27	TOTAL	
760 FETUS BY MATERNAL CONDITIONS													
	7600 MATERNAL HYPERTENSIVE DISORDERS												
	7602 MATERNAL INFECTIONS												
	760 TOTAL												
761 FETUS OR NEWBORN AFFECTED BY MATERNAL COMPL. OF PREG.													
	7610 INCOMPETENT CERVIX												
	7615 MULTIPLE PREGNANCY												
	761 TOTAL												
762 FETUS OR N.B. AFFECTED BY COMPL. OF PLACENTA CORD MEMB.													
	7620 PLACENTA PREVIA												
	7624 PROLAPSED CORD.												
	762 TOTAL												
763 FETUS OR N.B. AFFECTED													
	7630 BREACH DELIVERY AND EXTRACTION												
	7633 DELIVERY BY VACUUM EXTRACTION												
	7634 CAESAREAN DELIVERY												
7638 OTHER COMPLICATION OF LABOUR & DEL.													
	763 TOTAL												
	765 DISORDER RELATING TO SHORT GEST. & UNSPEC. LOW BIRTH WT.												
		7650 EXTREME IMMATUREITY.											
7651 OTHER PRETERM INFANTS.													
765 TOTAL													
768 INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA													

TABLE 5.10 (Cont.)

NEONATAL DEATHS BY CAUSE GROUP AND AGE OF FOETUS - 1983

		AGE (DAYS)										TOTAL
CODE CAUSE GROUP		<1	1	2	3	4	5	6	7-13	14-20	21-27	
7680	FETAL DEATH FROM ASPHYXIA & ANOXIA AT UNSPEC	M	1	0	0	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0
7684	FETAL DISTRESS, UNSPECIFIED, IN LIVEBORN INF	M	0	0	0	0	0	1	0	1	0	2
		F	0	0	0	0	0	0	0	0	1	1
7685	SEVERE BIRTH ASPHYXIA	M	0	0	0	1	0	0	0	0	0	1
		F	0	0	1	1	0	0	0	0	0	2
7689	UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFAN	M	0	0	0	0	0	0	1	0	0	1
		F	0	1	0	0	0	0	0	0	0	1
768	TOTAL	M	1	0	0	1	0	1	1	1	0	5
		F	0	1	1	1	0	0	0	0	1	4
104	GRAND TOTAL	M	9	13	12	21	9	3	5	21	6	101
		F	3	12	14	10	8	2	6	5	3	68
		T	12	25	26	31	17	5	11	26	11	169

TABLE 5.11

INFANTS MORBIDITY BY CAUSE GROUP, SEX AND AGE - 1983

CODE CAUSE GROUP	SEX	AGE (MONTHS)				TOTAL
		< 1	1-2	3-5	6-11	
760 FETUS BY MATERNAL CONDITIONS						
7600 MATERNAL HYPERTENSIVE DISORDERS	M	90	5	0	0	95
	F	74	7	0	0	81
7601 MATERNAL RENAL & URINARY TRACT DISEASES	M	2	0	0	0	2
	F	0	0	0	0	0
7602 MATERNAL INFECTIONS	M	15	3	1	0	19
	F	21	2	1	0	24
7603 OTHER CHRONIC MATERNAL CIRCULATORY AND RESPIRATORY DISEASES	M	1	0	0	0	1
	F	1	0	0	0	1
7608 OTHER	M	2	0	0	0	2
	F	1	0	0	0	1
760 TOTAL	M	110	8	1	0	119
	F	97	9	1	0	107
761 FETUS OR NEWBORN AFFECTED BY MATERNAL COMPL. OF PREG.						
7610 INCOMPETENT CERVIX	M	16	1	0	0	17
	F	14	0	0	0	14
7611 PREMATURE RUPTURE OF MEMBRANES	M	48	0	0	0	48
	F	38	0	0	0	38
7613 POLYHYDRAMNIOS	M	2	0	0	0	2
	F	1	0	0	0	1
7615 MULTIPLE PREGNANCY	M	149	5	0	1	155
	F	131	13	0	1	145
7618 OTHER	M	2	0	0	0	2
	F	0	0	0	0	0
761 TOTAL	M	217	6	0	1	224
	F	184	13	0	1	198
762 FETUS OR N.B. AFFECTED BY COMPL. OF PLACENTA CORD MEMB.						
7620 PLACENTA PREVIA	M	13	0	0	0	13
	F	9	1	0	0	10
7621 OTHER FORMS OF PLACENTAL SEPARATION & HAEMORRHAGE	M	34	1	0	0	35
	F	24	1	0	0	25
7622 OTHER & UNSPECIFIED ABNORMALITIES OF PLACENTA	M	2	0	0	0	2
	F	0	0	0	0	0
7624 PRECLAPSED CORD.	M	14	0	0	0	14
	F	3	0	0	0	3
7625 OTHER COMPRESSION OF UMBILICAL CORD.	M	4	0	0	0	4
	F	2	1	0	0	3
7628 OTHER ABNORMALITIES OF CHORION & AMNION	M	1	0	0	0	1
	F	0	0	0	0	0
762 TOTAL	M	68	1	0	0	69
	F	38	3	0	0	41
763 FETUS OR N.E. AFFECTED						
7630 BREECH DELIVERY AND EXTRACTION	M	208	6	0	0	214
	F	172	5	0	0	177

INFANTS MORBIDITY BY CAUSE GROUP, SEX AND AGE - 1983

TABLE 5.11 (Cont.)

CODE CAUSE GROUP	SEX	AGE (MONTHS)				TOTAL
		< 1	1-2	3-5	6-11	
7631 OTHER MALPRES. & MALPOSITION DURING LABOUR & DEL.	M	139	2	0	0	141
	F	134	2	0	0	136
7632 FORCEPS DELIVERY	M	11	1	0	0	12
	F	12	0	0	0	12
7633 DELIVERY BY VACUUM EXTRACTION	M	191	6	0	0	197
	F	122	2	0	0	124
7634 CAESAREAN DELIVERY	M	180	14	0	0	194
	F	136	10	0	0	146
7635 MATERNAL ANAESTHESIA & ANALGESIA	M	0	0	0	0	0
	F	1	0	0	0	1
7636 PRECIPITATE LABOUR	M	0	1	0	0	1
	F	0	0	0	0	0
7637 ABNORMAL UTERINE CONTRACTIONS	M	2	0	0	0	2
	F	0	1	0	0	1
7638 OTHER COMPLICATION OF LABOUR & DEL.	M	64	1	0	0	65
	F	54	0	0	0	54
7639 UNSPECIFIED	M	1	0	0	0	1
	F	0	0	0	0	0
763 TOTAL	M	796	31	0	0	827
	F	631	20	0	0	651
764 FETAL MALNUTRITION	M	10	0	0	1	11
7640 LIGHT FOR DATES WITHOUT FETAL MALNUTRITION	F	13	1	0	0	14
	M	1	1	0	0	2
7641 LIGHT FOR DATES WITH SIGNS OF MALNUTRITION	F	2	0	0	0	2
	M	1	0	0	0	1
7642 FETAL MALNUTRITION WITHOUT CF LIGHT FOR DATES	F	2	0	0	0	2
	M	1	0	0	0	1
7643 FETAL GROWTH RETARDATION, UNSPECIFIED	F	0	0	0	0	0
	M	13	1	0	1	15
764 TOTAL	F	17	1	0	0	18
765 DISORDER RELATING TO SHORT GEST. & UNSPEC. LOW BIRTH WT.	M	4	3	0	0	7
7650 EXTREME IMMATUREITY.	F	9	0	0	0	9
	M	406	113	5	3	617
7651 OTHER PRETERM INFANTS.	F	477	115	6	2	600
765 TOTAL	M	500	116	5	3	624
	F	486	115	6	2	609
766 DISORDERS RELATING TO LONG GEST. & HIGH BIRTH WT.	M	1	0	0	0	1
7660 EXCEPTIONALLY LARGE BABY.	F	0	0	0	0	0
	M	9	0	0	0	9
7662 POSTTERM INFANT NOT HEAVY FOR DATES	F	9	1	0	0	10
766 TOTAL	M	10	0	0	0	10
	F	9	1	0	0	10

INFANTS MORBIDITY BY CAUSE GROUP, SEX AND AGE - 1983

TABLE 5.11 (Cont.)

CODE CAUSE GROUP	SEX	< 1	AGE (MONTHS)			TOTAL
			1-2	3-5	6-11	
767 BIRTH TRAUMA						
7671 INJURIES TO SCALP	M	0	0	0	0	0
	F	1	0	0	0	1
767 TOTAL	M	0	0	0	0	0
	F	1	0	0	0	1
768 INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA						
7680 FETAL DEATH FROM ASPHYXIA & ANOXIA AT UNSPECIFIED TIME	M	1	0	0	0	1
	F	4	0	0	0	4
7682 FETAL DISTRESS BEFORE ONSET OF LABOUR, IN LIVEBORN INFANT	M	0	0	0	0	0
	F	1	0	0	0	1
7684 FETAL DISTRESS, UNSPECIFIED, IN LIVEBORN INFANT	M	28	2	0	0	30
	F	20	0	0	0	20
7685 SEVERE BIRTH ASPHYXIA	M	1	0	0	0	1
	F	2	0	0	0	2
7686 MILD OR MODERATE BIRTH ASPHYXIA	M	2	0	0	0	2
	F	2	0	0	0	2
7689 UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	3	0	0	0	3
	F	1	0	0	0	1
768 TOTAL	M	35	2	0	0	37
	F	30	0	0	0	30
770 OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN						
7701 MASSIVE ASPIRATION SYNDROME	M	1	0	0	0	1
	F	0	0	0	0	0
770 TOTAL	M	1	0	0	0	1
	F	0	0	0	0	0
771 INFECTIONS SPECIFIC TO THE PERINATAL PERIOD						
7714 OMPHALITIS OF NEWBORN	M	1	0	0	0	1
	F	0	0	0	0	0
771 TOTAL	M	1	0	0	0	1
	F	0	0	0	0	0
773 HAEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISOIMMUNIZATION						
7732 HAEMOLYTIC DISEASE DUE TO OTHER AND UNSPECIFIED ISOIMMUNIZATION	M	0	0	0	0	0
	F	1	0	0	0	1
7734 KERNICTERUS DUE TO ISOIMMUNIZATION	M	0	0	0	0	0
	F	1	0	0	0	1
773 TOTAL	M	0	0	0	0	0
	F	2	0	0	0	2
774 OTHER PERINATAL JAUNDICE						
7746 UNSPECIFIED FETAL AND NEONATAL JAUNDICE	M	1	0	0	0	1
	F	0	0	0	0	0

INFANTS MORBIDITY BY CAUSE GROUP, SEX AND AGE - 1983

TABLE 5.11 (Cont.)

CODE CAUSE GROUP

774 TOTAL

775 ENDOCRINE AND METABOLIC DISTURB SPECIFIC TO NB
7750 SYNDROME OF "INFANT OF A DIABETIC MOTHER"

775 TOTAL

776 HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN
7760 HAEMORRHAGIC DISEASE OF NEWBORN

776 TOTAL

779 OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD
7790 CONVULSIONS IN NEWBORN

7799 UNSPECIFIED

779 TOTAL

V30 NORMAL BABY
V300 NORMAL BABY

108 V301 BORN BEFORE ARRIVAL

V30 TOTAL

GRAND TOTAL

SEX	AGE (MONTHS)				TOTAL
	< 1	1-2	3-5	6-11	
M	1	0	0	0	1
F	0	0	0	0	0
M	0	0	0	0	0
F	1	0	0	0	1
M	0	0	0	0	0
F	1	0	0	0	1
M	1	0	0	0	1
F	0	0	0	0	0
M	1	0	0	0	1
F	0	0	0	0	0
M	1	0	0	0	1
F	1	0	0	0	1
M	0	0	0	0	0
F	3	0	0	0	3
M	1	0	0	0	1
F	4	0	0	0	4
M	10535	76	11	2	10624
F	9961	95	20	2	10078
M	208	3	1	0	212
F	202	6	0	0	208
M	10743	79	12	2	10836
F	10163	101	20	2	10286
M	12497	244	18	7	12766
F	11663	263	27	5	11958
T	24160	507	45	12	24724

TABLE 5.12

INFANTS MORTALITY BY CAUSE GROUP, SEX AND AGE - 1983

CODE CAUSE GROUP	SEX	AGE (MONTHS)				TOTAL
		< 1	1-2	3-5	6-11	
760 FETUS BY MATERNAL CONDITIONS						
7600 MATERNAL HYPERTENSIVE DISORDERS	M	1	0	0	0	1
	F	2	0	0	0	2
7602 MATERNAL INFECTIONS	M	1	0	0	0	1
	F	2	0	0	0	2
760 TOTAL	M	2	0	0	0	2
	F	4	0	0	0	4
761 FETUS OR NEWBORN AFFECTED BY MATERNAL COMPL. OF PREG.						
7610 INCOMPETENT CERVIX	M	1	0	0	0	1
	F	1	0	0	0	1
7615 MULTIPLE PREGNANCY	M	3	0	0	0	3
	F	1	0	0	0	1
761 TOTAL	M	4	0	0	0	4
	F	2	0	0	0	2
762 FETUS OR N.B. AFFECTED BY COMPL. OF PLACENTA CORD MEMB.						
7620 PLACENTA PREVIA	M	1	0	0	0	1
	F	0	0	0	0	0
7624 PROLAPSED CORD.	M	1	0	0	0	1
	F	0	0	0	0	0
762 TOTAL	M	2	0	0	0	2
	F	0	0	0	0	0
763 FETUS OR N.B. AFFECTED						
109 7630 BREECH DELIVERY AND EXTRACTION	M	9	0	0	0	9
	F	9	0	0	0	9
7633 DELIVERY BY VACUUM EXTRACTION	M	2	0	0	0	2
	F	1	0	0	0	1
7634 CAESAREAN DELIVERY	M	3	0	0	0	3
	F	2	0	0	0	2
7638 OTHER COMPLICATION OF LABOR & DEL.	M	2	1	0	0	3
	F	0	0	0	0	0
763 TOTAL	M	16	1	0	0	17
	F	12	0	0	0	12
765 DISORDER RELATING TO SHORT GEST. & UNSPEC. LOW BIRTH WT.						
7650 EXTREME IMMATUREITY.	M	3	1	0	0	4
	F	2	0	0	0	2
7651 OTHER PRETERM INFANTS.	M	69	2	0	0	71
	F	44	1	0	0	45
765 TOTAL	M	72	3	0	0	75
	F	46	1	0	0	47
768 INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA						

INFANTS MORTALITY BY CAUSE GROUP, SEX AND AGE - 1983

TABLE 5.12 (Cont.)

TABLE 5.12 (Cont.)		AGE (MONTHS)					
CODE CAUSE GROUP		SEX	< 1	1-2	3-5	6-11	TOTAL
7680	FETAL DEATH FROM ASPHYXIA & ANOXIA AT UNSPECIFIED TIME	M	1	0	0	0	1
		F	0	0	0	0	0
7684	FETAL DISTRESS, UNSPECIFIED, IN LIVEBORN INFANT	M	2	0	0	0	2
		F	1	0	0	0	1
7685	SEVERE BIRTH ASPHYXIA	M	1	0	0	0	1
		F	2	0	0	0	2
7689	UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	1	0	0	0	1
		F	1	0	0	0	1
768	TOTAL	M	5	0	0	0	5
		F	4	0	0	0	4
GRAND TOTAL		M	101	4	0	0	105
		F	68	1	0	0	69
		T	169	5	0	0	174

TABLE 5.13

ALL BIRTHS BY MODE AND AGE OF MOTHER - 1983

MODE	AGE GROUP (YEARS)								N/S	TOTAL
	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
NORMAL	39	4069	7907	5256	3208	1802	859	145	361	23646
BREECH DELIVERY	0	74	178	145	107	84	35	4	11	638
FORCEPS	0	16	8	6	3	1	0	0	1	35
VACCUUM EXTRACTION	1	151	155	56	38	12	6	4	5	428
CAESAREAN SECTION	2	178	258	140	85	55	23	2	8	751
TOTAL	42	4488	8506	5603	3441	1954	923	155	386	25498

TABLE 5.14

ALL BIRTHS BY TYPE OF FACILITY AND MONTH - 1983

			M O N T H S												
FACILITY			JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
HOSPITALS	:	INST	1650	1468	1594	1606	1644	1652	1709	2027	1854	1649	1627	1558	20038
		EEA	38	27	39	23	33	33	48	50	35	36	37	42	441
HEALTH CENTRES:		INST	142	137	155	141	160	173	180	151	167	182	167	168	1923
		EEA	9	5	2	4	10	7	7	12	12	8	6	8	90
CLINICS	:	INST	192	203	227	240	239	241	260	274	280	247	210	280	2893
		EEA	16	7	14	2	6	12	5	6	7	17	9	12	113
TOTAL	:	INST	1984	1808	1976	1987	2043	2066	2149	2452	2301	2078	2004	2006	24854
		EEA	63	39	55	29	49	52	60	68	54	61	52	62	644

TABLE 5.15

ALL BIRTHS BY PLACE OF BIRTH, SEX OF FOETUS, OUTCOME AND AGE OF MOTHER - 1983

PLACE OF DELIVERY INSTITUTION	OUTCOME LEA	SEX M F	AGE OF MOTHER							N/S	TOTAL		
			<15	15-19	20-24	25-29	30-34	35-39	40-44			45+	
			24	2206	4140	2780	1665	921	472	73	192	12473	
			16	2061	3895	2548	1624	908	399	75	152	11678	
BORN BEFORE ARRIVAL	LEC	M	1	25	31	14	11	10	1	0	7	100	
		F	0	18	13	13	9	1	1	0	6	61	
	SE	M	0	55	114	60	35	30	11	1	9	315	
		F	0	39	78	50	21	28	8	1	2	227	
	LEA	M	0	43	102	65	37	34	18	3	9	311	
		F	0	39	117	60	38	19	13	1	8	295	
	LEC	M	1	0	3	1	0	0	0	0	0	5	
		F	0	1	3	3	1	0	0	0	0	8	
	SE	M	0	1	4	7	0	2	0	1	1	16	
		F	0	0	6	2	0	1	0	0	0	9	
	TOTAL	LBA	M	24	2249	4242	2845	1702	955	490	76	201	12784
	F		16	2100	4012	2608	1662	927	412	76	160	11973	
TOTAL	LEC	M	2	25	34	15	11	10	1	0	7	105	
F		0	19	16	16	10	1	1	0	6	69		
TOTAL	SE	M	0	56	118	67	35	32	11	2	10	331	
F		0	39	84	52	21	29	8	1	2	236		
TOTAL	LEA		40	4349	8254	5453	3364	1882	902	152	361	24757	
TOTAL		LEC	2	44	50	31	21	11	2	0	13	174	
TOTAL		SE	0	95	202	119	56	61	19	3	12	567	
TOTAL	MALE FEMALE		26	2330	4394	2927	1748	997	502	78	218	13220	
TOTAL			16	2158	4112	2676	1693	957	421	77	168	12278	
GRAND TOTAL			42	4488	8506	5603	3441	1954	923	155	386	25498	

TABLE 5.16

ALL BIRTHS BY PLACE OF BIRTH, SEX OF FOETUS, TYPE AND AGE OF MOTHER - 1983

PLACE OF DELIVERY INSTITUTION	TYPE	SEX	AGE OF MOTHER								N/S	TOTAL
			<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
			25	2268	4162	2764	1646	919	468	70		
	SINGLE	M	16	2092	3900	2530	1585	882	386	72	153	12518
		F										
	TWINS	M	0	18	120	86	63	39	16	4	9	355
		F	0	26	86	76	67	55	22	4	7	343
	TRIPLETS	M	0	0	3	4	0	3	0	0	3	13
		F	0	0	0	5	0	0	0	0	0	5
	QUADRUPLETS	M	0	0	0	0	2	0	0	0	0	2
		F	0	0	0	0	2	0	0	0	0	2
BORN BEFORE ARRIVAL	SINGLE	M	1	44	103	68	32	31	15	4	10	308
		F	0	38	116	62	36	15	10	1	8	286
	TWINS	M	0	0	6	5	5	5	3	0	0	24
		F	0	2	10	3	3	5	3	0	0	26
	TRIPLETS	M	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0
	QUADRUPLETS	M	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0
TOTAL	SINGLE	M	26	2312	4265	2832	1678	950	483	74	206	12826
		F	16	2130	4016	2592	1621	897	396	73	161	11902
TOTAL	TWINS	M	0	18	126	91	68	44	19	4	9	379
		F	0	28	96	79	70	60	25	4	7	369
TOTAL	TRIPLETS	M	0	0	3	4	0	3	0	0	3	13
		F	0	0	0	5	0	0	0	0	0	5
TOTAL	QUADRUPLETS	M	0	0	0	0	2	0	0	0	0	2
		F	0	0	0	0	2	0	0	0	0	2
TOTAL	SINGLE		42	4442	8281	5424	3299	1847	879	147	367	24728
TOTAL	TWINS		0	46	222	170	138	104	44	8	16	748
TOTAL	TRIPLETS		0	0	3	9	0	3	0	0	3	18
TOTAL	QUADRUPLETS		0	0	0	0	4	0	0	0	0	4
TOTAL	MALE		26	2330	4394	2927	1748	997	502	78	218	13220
TOTAL	FEMALE		16	2158	4112	2676	1693	957	421	77	168	12278
GRAND TOTAL			42	4488	8506	5603	3441	1954	923	155	386	25498

TABLE 5.17

DELIVERIES BY PLACE, AGE OF MOTHER AND SEX OF BABY - 1983

PLACE OF DELIVERY INSTITUTION	SEX	AGE OF MOTHER								N/S	TOTAL
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
	M	25	2268	4162	2764	1646	919	468	70	196	12518
	F	16	2092	3900	2530	1585	882	386	72	153	11616
	MM	0	5	48	28	17	10	4	2	3	117
	MF	0	8	24	30	29	19	8	0	3	121
	FF	0	9	31	23	19	18	7	2	2	111
	FFM	0	0	0	2	0	0	0	0	0	2
	MMM	0	0	1	1	0	1	0	0	1	4
	MMMF	0	0	0	0	1	0	0	0	0	1
BORN BEFORE ARRIVAL											
	M	1	44	103	68	32	31	15	4	10	308
	F	0	38	116	62	36	15	10	1	8	286
	MM	0	0	1	2	1	1	1	0	0	6
	MF	0	0	4	1	3	3	1	0	0	12
	FF	0	1	3	1	0	1	1	0	0	7
TOTAL MALE											
TOTAL FEMALE											
TOTAL MALE+MALE											
TOTAL MALE+FEMALE											
TOTAL FEMALE+FEMALE											
TOTAL FEMALE+FEMALE+MALE											
TOTAL MALE+MALE+MALE											
TOTAL MALE+MALE+MALE+FEMALE											
TOTAL		42	4465	8393	5512	3369	1900	901	151	376	25109

115

WHICH INCLUDES MATERNAL DEATHS AS FOLLOWS

PLACE OF DELIVERY INSTITUTION	SEX	AGE OF MOTHER								N/S	TOTAL
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
	M	0	1	3	0	2	4	0	0	1	11
	F	0	0	0	1	0	0	0	0	0	1
BORN BEFORE ARRIVAL											
	F	0	0	1	0	0	0	0	0	0	1
TOTAL MALE											
TOTAL FEMALE											
TOTAL		0	1	4	1	2	4	0	0	1	13

TABLE 5.18

PROPORTION OF LIVEBIRTHS WITH BIRTH WEIGHT
LESS THAN 2500 GRAMS, BY FACILITY - 1983

REGION	FACILITY	TOTAL NUMBER OF LIVEBIRTH	TOTAL NUMBER OF LIVE BIRTHS WITH BIRTHWEIGHT RECORDED	TOTAL NUMBER OF LIVE BIRTHS WITH UNRECORDED BIRTHWEIGHT	TOTAL NO. LIVEBIRTHS WITH BIRTH WEIGHT UNDER 2 500g	PERCENTAGE OF LIVEBIRTH WITH BIRTH WEIGHT UNDER 2500g TO TOTAL LIVEBIRTHS
MAUN	Maun Hospital	1 280	1 194	86	109	8.52
	Sehitwa Clinic	6	6	.	.	.
	Gumare Clinic	125	94	31	12	9.60
	Shakawe Clinic	140	114	26	11	7.86
	Seronga Clinic	46	31	15	4	8.70
	Etsha Clinic	74	70	4	4	5.41
	TOTAL FOR REGION	1 671	1 509	162	140	8.38
FRANCISTOWN	Jubilee Hospital	3 796	3 740	56	326	8.59
	Masunga Clinic	55	36	19	4	7.27
	Matsilloje	6	6	.	2	33.33
	TOTAL FOR REGION	3 857	3 782	75	332	8.61
SEROWE	Sekgoma Memorial	1 725	1 566	159	185	10.72
	Palapye H/C	622	606	16	68	10.93
	Lerala Clinic	71	41	30	2	2.02
	Russelmay Clinic	16	15	1	1	6.25
	Maunatlala Clinic	13	.	13	.	.
	TOTAL FOR REGION	2 447	2 228	219	256	10.46
SELEBI/PHIKWE	BCL Hospital	289	193	96	13	4.50
	Selebi/Phikwe Hosp.	1 881	1 579	302	142	7.55
	Bobonong H/C	343	310	33	26	7.58
	Mmadinare H/C	400	349	51	16	4.00
	Sefophe Clinic	32	7	25	.	.
	TOTAL FOR REGION	2 945	2 438	507	197	6.69
KWENENG	Scottish Hospital	1 842	1 114	728	110	5.97
	Motokwe Clinic	11	.	11	.	.
	Thamaga Clinic	264	213	51	27	10.23
	Lentsweletau Clinic	61	60	1	5	8.20
	Letlhakeng Clinic	100	76	24	9	9.00
	Lephephe Clinic	55	47	8	4	7.27
	Gabane Clinic	6	.	6	.	.
	TOTAL FOR REGION	2 339	1 510	829	155	6.63
LOBATSE	SDA Hospital	1 497	1 317	180	143	9.55
	Athlone Hospital	1 421	1 350	71	119	8.37
	Jwaneng Hospital	166	124	42	19	11.45
	Mabutsane Clinic	20	15	5	.	.
	Goodhope Clinic	57	42	15	4	7.02
	Moshupa Clinic	344	260	84	7	2.03
	Mabule Clinic	28	23	5	3	10.71
	TOTAL FOR REGION	3 533	3 131	402	295	8.35
GANTSIS	Gantsi H/C	212	167	45	21	9.91
	Nojane Clinic	38	36	2	4	10.53
	Charleshill Clinic	67	53	14	2	2.99
	Kalkfontein Clinic	9	9	.	2	22.22
	TOTAL FOR REGION	326	265	61	29	8.90
MAHALAPYE	Mahalapye Hospital	1 538	1 441	97	197	12.81
	Machaneng Clinic	151	146	5	11	7.28
	Pillkwe Clinic	39	28	11	1	2.56
	Sefhare Clinic	283	279	4	27	9.54
	Shoshong Clinic	62	50	12	6	9.68
	TOTAL FOR REGION	2 073	1 944	129	242	11.67

TABLE 5.18 (Cont.)

PROPORTION OF LIVEBIRTHS WITH BIRTH WEIGHT
LESS THAN 2500 GRAMS, BY FACILITY- 1983

REGION	FACILITY	TOTAL NUMBER OF LIVEBIRTH	TOTAL NUMBER OF LIVEBIRTHS BIRTH WEIGHT REPORTED	TOTAL NUMBER OF LIVEBIRTHS WITHOUT BIRTH WITH WEIGHT	TOTAL NO. OF LIVE- BIRTHS WITH BIRTH WEIGHT UNDER 2 500	PERCENTAGE
BORONE	PMH	2 325	2 071	254	257	11.05
	DRM Hospital	902	745	157	109	12.08
	BLH	844	769	75	66	7.82
	Artesia Clinic	2	.	2	.	.
	Mmathubudukwane C.	49	.	49	.	.
	TOTAL FOR REGION	4 122	3 585	537	432	10.48
SANE	Kasane H/C	151	37	114	7	4.64
ALAGADI	Tsabong H/C	69	61	8	4	5.80
	Bokspits Clinic	38	33	5	1	2.63
	Hukuntsi Clinic	80	70	10	6	7.50
	Kang Clinic	81	75	6	4	4.94
	Middlepits Clinic	54	52	2	3	5.56
	Werda Clinic	64	56	8	9	14.06
	TOTAL FOR REGION	386	347	39	27	6.99
TUME	Tutume Clinic	144	142	2	19	13.19
	TOTAL FOR REGION	144	142	2	19	13.19
TETI	De-Beers Hospital	319	281	38	39	12.23
	Rakops H/C	157	147	10	12	7.64
	Mopipi Clinic	104	56	48	3	2.88
	Lethakane	136	119	17	11	8.09
	TOTAL FOR REGION	716	603	113	65	9.08
TOTAL - ALL BOTSWANA DISTRICTS		24 710	21 521	3 189	2 196	8.89

NOTE: Data are from MH 107/Rev 82, the admission form/inpatient summary. All Health Facilities with obstetric beds are listed, including those which reported no births during the year. No births is shown by a dot (.)

TABLE 5.19

INSTITUTIONAL BIRTHS BY REGION, INSTITUTION
AND OUTCOME OF DELIVERY - 1983

REGION	FACILITY	LIVEBIRTH	STILLBIRTHS	TOTAL BIRTHS
MAUN	Maun Hospital	1 280	43	1 323
	Sehitwa Clinic	6	.	6
	Gumare Clinic	125	2	127
	Shakawe Clinic	140	1	141
	Seronga Clinic	46	3	49
	Etsha Clinic	74	3	77
	TOTAL FOR REGION	1 671	52	1 723
FRANCISTOWN	Jubilee Hospital	3 796	94	3 890
	Masunga Clinic	55	.	55
	Matsiloje Clinic	6	.	6
	TOTAL FOR REGION	3 857	94	3 951
SEROWE	Sekgoma Memorial	1 725	23	1 748
	Palapye Health Centre	622	11	633
	Lerala Clinic	71	.	71
	Russelmay Clinic	16	.	16
	Maumatlala Clinic	13	1	14
	TOTAL FOR REGION	2 447	35	2 482
SELEBI/PHIKWE	BCL Hospital	289	5	294
	Selebi/Phikwe Hospital	1 881	63	1 944
	Bobonong Health Centre	343	5	348
	Mmadinare Health Centre	400	11	411
	Sefhophe Clinic	32	.	32
	TOTAL FOR REGION	2 945	84	3 029
KWENENG	Scottish Livingstone	1 842	33	1 875
	Motokwe Clinic	11	.	11
	Thamaga Clinic	264	2	266
	Lentsweletau Clinic	61	.	61
	Letlhakeng Clinic	100	3	103
	Lephephe Clinic	55	1	56
	Gabane Clinic	6	.	6
	TOTAL FOR REGION	2 339	39	2 378
LOBATSE	SDA Hospital	1 497	27	1 524
	Athlone Hospital	1 421	28	1 449
	Jwaneng Hospital	166	5	171
	Mabutsane Clinic	20	.	20
	Goodhope Clinic	57	1	58
	Moshupa Clinic	344	.	344
	Mabule Clinic	28	1	29
	TOTAL FOR REGION	3 533	62	3 595
GANTSI	Gantsi Health Centre	212	6	218
	Nojane Clinic	38	2	40
	Charleshill Clinic	67	4	71
	Kalkfontein Clinic	9	1	10
	TOTAL FOR REGION	326	13	339
MAHALAPYE	Mahalapye Hospital	1 538	42	1 580
	Machaneng Clinic	151	9	160
	Pilikwe Clinic	39	2	41
	Sefhare Clinic	283	5	288
	Shoshong Clinic	62	.	62
	TOTAL FOR REGION	2 073	58	2 131

TABLE 5.19 (Cont.)

INSTITUTIONAL BIRTHS BY REGION, INSTITUTION
AND OUTCOME OF DELIVERY - 1983

REGION	FACILITY	LIVEBIRTH	STILLBIRTHS	TOTAL BIRTHS
GABORONE	Princess Marina	2 325	56	2 381
	Deborah Retief	902	26	928
	Bamalete Lutheran	844	15	859
	Artesia Clinic	2	.	2
	Mmathubudukwane Clinic	49	.	49
	TOTAL FOR REGION	4 122	97	4 219
KASANE	Kasane Health Centre	151	8	159
KGALAGADI	Tsabong Health Centre	69	2	71
	Bokspits Clinic	38	1	39
	Hukuntsi Clinic	80	3	83
	Kang Clinic	81	4	85
	Middlepits Clinic	54	1	55
	Werda Clinic	64	.	64
	TOTAL FOR REGION	386	11	397
TUTUME	Tutume Clinic	144	1	145
BOTETI	De Beers Hospital	319	8	327
	Rakops Health Centre	157	1	158
	Mopipi Clinic	104	.	104
	Letlhakane	136	4	140
	TOTAL FOR REGION	716	13	729
TOTAL BOTSWANA ALL REGIONS		24 710	567	25 277

NOTE: Data are from MH 107/Rev 82, the admission form/in-patient summary. All health facilities with obstetric beds are listed, including those which reported no births during the year. No births is shown by a dot (.)

TABLE 5.20

MATERNAL DEATHS BY DIAGNOSIS AND AGE OF PATIENT - 1983

CODE	DIAGNOSIS	AGE GROUP								N/S	TOTAL
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
6411	Haemorrhage from placenta praevia	0	0	0	0	0	1	0	0	0	1
6426	Eclampsia	0	1	3	1	1	0	0	0	0	6
6473	Tuberculosis	0	0	0	0	0	0	0	0	1	1
6534	Fetopelvic Disproportion	0	0	0	0	0	1	0	0	0	1
6609	Obstructed Labour	0	0	1	0	0	0	0	0	0	1
6651	Rupture of uterus during and after labour	0	0	0	0	0	1	0	0	0	1
6660	Postpartum Haemorrhage	0	1	1	1	0	0	3	1	1	8
6694	Cardiac Arrest	0	0	0	0	1	0	0	0	0	1
6699	Other Complication of labour and delivery (unspecified)	0	0	1	0	0	0	0	1	1	3
6700	Major puerperal Infection	0	1	1	0	0	0	0	0	0	2
6732	Pulmonary Embolism	0	0	1	1	1	0	0	0	0	3
	TOTAL	0	3	8	3	3	3	3	2	3	28

NOTES: - The above table includes 23 delivered cases 5 undelivered cases
 - Abortions are not included

SOURCE: Health Statistics Unit.

TABLE 5.21

POST DELIVERY TUBAL LIGATION BY DIAGNOSIS AND AGE OF PATIENT 1983

DIAGNOSIS OF PATIENT	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNKNOWN	TOTAL
T/L l/c No diagnosis	0	0	1	18	28	48	48	6	4	153
T/L l/c Rupture of uterus	0	0	1	0	1	0	0	0	0	2
T/L l/c PET	0	0	0	0	1	1	1	0	0	3
T/L l/c Pulm. Infection	0	0	0	0	0	0	1	0	0	1
T/L l/c Multiple Births	0	0	0	0	1	1	0	0	0	2
T/L l/c Hypertension	0	0	0	0	0	1	1	0	0	2
T/L l/c Previous C/S	0	1	8	2	2	1	1	0	0	15
TOTAL	0	1	10	20	33	52	52	6	4	178

NOTES: T/L = Tubal ligation
 l/c = with
 Pulm. = Pulmonary
 C/S = Caesarian Section

SECTION 6: MENTAL HEALTH STATISTICS

Table 6.1 and 6.2 show both out-patient and in-patient on Mental Health. Table 6.2 includes deaths. Because of the present approach to Mental Health Care, of decentralisation, the various psychiatric units in country cater for minor cases and some discharged patients who need routine check up. All serious cases are referred to the Mental Health Hospital in Lobatse.

Of the 8 340 patients reported by psychiatric units, 53% of them are women. Palapye psychiatric unit recorded the highest number of out-patient visits followed by Molepolole and then Lobatse. Most cases reported suffer from schizophrenia psychosis (3 710). Epilepsy 2 041 and neurotic disorder 553.

However, in in-patient discharges on mental health 79% of them (619) fall between age group 15-44. The most striking feature is that of all these patients (619), 61% of them suffer from schizophrenia psychoses. Of the 60% (380), 57% of them are men. Again in-patient discharge show that schizophrenia psychoses, epilepsy and alcohol dependence syndromes hospitalised most mental health patients.

TABLE 6.1

OUT-PATIENT ATTENDANCES IN PSYCHIATRIC
UNITS BY DIAGNOSIS AND SEX OF PATIENT - 1983

CODE	DIAGNOSIS	SEX	P S Y C H I A T R I C U N I T					TOTAL
			LOBATSE	SEROWE	MOLEPOLOLE	PALAPYE	MAUN	
290	Senile and Pre-senile organic Psychotic conditions	M	1	5	17	16	1	40
		F	17	17	32	31	5	102
291	Alcoholic Psychosis	M	26	2	8	22	3	61
		F	22	1	8	15	2	48
292	Drug Psychosis	M	4	4	0	1	0	9
		F	0	0	0	0	0	0
293	Transient Organic Psychosis Conditions	M	24	2	3	3	1	33
		F	3	0	5	0	0	8
294	Other Organic Psychosis Conditions (Chronic)	M	11	8	3	21	0	43
		F	4	4	0	27	1	36
295	Schizophrenia Psychosis	M	420	207	473	539	81	1 720
		F	310	194	733	646	107	1 990
296	Affective Psychosis	M	72	10	6	44	2	134
		F	112	10	26	109	0	257
297	Paranoid States	M	15	1	0	0	0	16
		F	2	0	0	0	0	2
298	Other Non-organic Psychosis	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
299	Psychosis with origin specific to Childhood	M	8	0	0	0	1	9
		F	8	0	0	0	1	9
300	Neurotic Disorder	M	51	10	8	57	11	137
		F	93	9	54	231	29	416
301	Personality Disorders	M	0	0	0	3	0	3
		F	2	0	0	0	0	2
303	Alcoholic dependence syndrome	M	94	36	37	39	6	212
		F	10	10	4	16	2	42
304	Drug dependence	M	5	0	0	0	5	10
		F	1	0	1	1	0	3
305	Non-dependence abuse of drugs	M	13	0	0	6	0	19
		F	0	0	0	3	5	8
308	Acute Re-action to stress	M	1	50	0	0	0	51
		F	3	109	1	1	1	115
310	Specific Non-Psychotic Mental disorders following organic brain damage	M	10	0	0	0	0	10
		F	0	0	0	0	0	0
311	Depressive disorder not elsewhere classified	M	0	0	0	0	0	0
		F	0	1	0	0	0	1
313	Disturbances of emotions specific to childhood and adolescence	M	0	1	0	0	0	1
		F	0	0	0	0	0	0
315	Specific delays in development	M	2	0	0	0	0	2
		F	1	0	0	0	0	1
317	Mild Mental Retardation	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
319	Unspecified Mental Retardation	M	8	16	16	23	4	67
		F	6	11	11	13	1	42
333	Extrapyramidal disease and abnormal movement disorders (PARKINSONISM)	M	0	0	6	1	0	7
		F	0	0	1	0	0	1
345	Epilepsy	M	126	77	370	401	59	1 033
		F	109	81	351	400	67	1 008
V22	Pregnancy	M	0	0	0	0	0	0
		F	1	0	3	3	0	7

TABLE 6.1 (Cont..)

OUT-PATIENT ATTENDANCES IN PSYCHIATRIC
UNITS BY DIAGNOSIS AND SEX OF PATIENT - 1983

P S Y C H I A T R I C U N I T								
CCODE	DIAGNOSIS	SEX	LOBATSE	SEROWE	MOLEPOLOLE	FALAPYE	MAUN	TOTAL
V24	Delivery	M	0	0	0	0	0	0
		F	5	7	5	4	5	26
V68	Examination for administra- tive purposes	M	2	0	0	4	0	6
		F	0	0	0	8	0	8
V71	Observation	M	239	3	21	0	0	263
		F	218	5	8	0	0	231
øøø	Psychotic (Mentally Sound)	M	0	16	8	0	0	24
		F	0	45	20	0	0	65
	TOTAL	M	1 134	448	976	1 180	174	3 912
		F	927	504	1 263	1 508	226	4 428
G R A N D - T O T A L			2 061	952	2 239	2 688	400	8 340

TABLE 6.2

IN-PATIENT DISCHARGES - MENTAL HEALTH
BY DIAGNOSIS, AGE AND SEX OF PATIENTS 1983

CODE	DIAGNOSIS	SEX	5-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	TOTAL
290	Senile and presenile organic psychotic conditions	M	0	1	0	0	0	3	7	1	12
		F	0	0	0	1	4	10	6	2	23
291	Alcoholic psychoses	M	0	4	8	5	7	1	0	1	26
		F	0	1	2	0	4	1	0	0	8
292	Drug psychoses	M	0	4	1	1	1	0	0	0	7
		F	0	0	0	0	0	0	0	0	0
293	Transient organic psychotic conditions	M	0	4	6	1	4	1	0	0	16
		F	0	3	5	1	0	0	0	0	9
294	Other organic psychotic conditions (chronic)	M	0	1	0	0	1	1	0	0	3
		F	0	0	0	0	1	1	0	1	3
295	Schizophrenic psychoses	M	0	65	95	38	12	5	1	7	223
		F	2	51	54	26	22	13	2	5	175
296	Affective psychoses	M	0	4	7	5	2	0	0	0	18
		F	0	16	13	6	0	1	0	1	37
297	Paranoid States	M	0	4	2	0	0	0	0	0	6
		F	0	0	1	2	0	0	0	0	3
298	Other non-organic psychoses	M	1	2	0	0	0	0	0	0	3
		F	0	0	0	0	0	0	0	0	0
299	Psychoses with origin specific to childhood	M	1	4	0	0	0	0	0	0	5
		F	1	2	1	0	0	0	0	0	4
300	Neurotic disorders	M	1	9	2	3	0	0	0	0	15
		F	3	6	1	0	0	0	1	0	11
301	Personality disorders	M	0	1	0	0	0	0	0	0	1
		F	0	2	0	0	0	0	0	0	2
303	Alcohol dependence syndrome	M	0	19	11	11	5	0	0	1	47
		F	0	0	2	4	1	3	0	0	10
304	Drug dependence	M	0	2	0	0	0	0	0	0	2
		F	0	0	0	0	0	0	0	0	0
307	Special symptoms or syndromes	M	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	0
308	Acute reaction to stress	M	0	3	1	1	0	0	0	0	5
		F	0	3	5	0	0	0	0	0	8
311	Depressive disorder, not elsewhere classified	M	0	0	0	0	0	0	0	0	0
		F	0	0	1	0	0	0	0	0	1
319	Unspecified mental retardation	M	0	2	2	1	0	0	0	1	6
		F	0	1	0	1	0	0	0	0	2
345	Epilepsy	M	2	14	14	4	3	1	0	0	38
		F	2	4	9	1	2	0	0	0	18
V22	Pregnancy	M	0	0	0	0	0	0	0	0	0
		F	0	1	1	1	0	0	0	0	3
V24	Delivery (Postpartum period)	M	0	0	0	0	0	0	0	0	0
		F	0	3	0	2	0	0	0	0	5
V68	Encounters for administrative purpose	M	0	2	1	0	0	0	1	0	4
		F	0	0	1	0	0	0	0	0	1
V71	Observation	M	1	1	0	0	0	0	0	0	2
		F	0	2	1	0	0	0	0	0	3
øøø	Apsychotic (Mentally Sound)	M	0	8	5	1	1	1	0	2	18
		F	0	1	1	0	1	0	0	0	3
TOTAL		M	6	154	155	71	30	13	9	13	458
		F	8	96	98	45	42	29	9	9	329
		T	14	250	253	116	72	42	18	22	787

TABLE 6.2 (Cont.)

IN-PATIENT DISCHARGES - MENTAL HEALTH
BY DIAGNOSIS, AGE AND SEX OF PATIENTS 1983

CODE	DIAGNOSIS	SEX	D E A T H S							N/S	TOTAL
			5-14	15-24	25-34	35-44	45-54	55-64	65+		
290	Senile and presenile organic psychotic conditions	F	0	0	0	0	0	1	1	0	2
292	Drug Psychoses	M	0	0	0	0	1	0	0	0	1
293	Transient organic psychotic conditions	F	0	0	0	1	0	0	0	0	1
307	Special symptoms or syndromes	M	0	0	0	0	1	0	0	0	1
345	Epilepsy	F	0	0	1	0	0	0	0	0	1
TOTAL		M	0	0	0	0	2	0	0	0	2
		F	0	0	1	1	0	1	1	0	4
		T	0	0	1	1	2	1	1	0	6

A P P E N D I X I

Appendix I gives specimens of the set of forms that are used by the unit to collect health data. These forms are shown in the order in which their results appear in this report.

The MH 1048 will soon be printed in such a way that:

- (a) The codes and diagnosis are equal and similar to codes and diagnosis in the MH 1049.
- (b) The codes are in the same order as those of MH 1049.
- (c) More spaces (squares) are given to most common diagnosis.

MINISTRY OF HEALTH
GOVERNMENT OF BOTSWANA

MH 3003

KITSISO YA KALAFI KA BA BA TSHOTSWENG BA TSELA
MEDICAL NOTIFICATION OF LIVEBIRTH/STILLBIRTH

=====

1. Leina la ngwana
Child's name
2. Leina la ga mmaagwe
Mother's name
3. Aterese ka botlalo
Detailed address
4. Kgaolo
District
5. Kgaolo ya bongaka
Medical Region
6. Leina la kgosana
Headman's name
7. Dingwaga tsaga mmaagwe
Age of mother
8. O imele ga kae
No. of previous pregnancies
9. Palo ya bana ba ba tshelang
No. of children living
10. O belegele leng
Date of delivery
11. Kwala lefelo le a belegeletseng teng ka botlalo
Place of delivery, in detail
12. O belege jang (SEGA TSELA KAFATLASE GA LONE LEFOKO LEO)
Type of delivery (UNDERLINE)
 - a. Pelegi ee tlwalesegileng/Normal
 - b. Thibamo/Breech
 - c. Mawelana/twin
 - d. A ona a gogwa ka ditshipi/Vacuum
 - e. A ona a ariwa/Caesarian
 - f. Tse dingwe (tlhalosa)
 - Other (specify)
13. A o belege sentle? A ngwana ona a tsela? Ee/Nnyaa
Result of birth? Livebirth/Stillbirth
14. Ngwana ke mong? Mosimanyana/mosetsanyana
Sex of baby Male/Female
15. A mmaagwe ona a lwala nako ya aimele? Ee/Nnyaa
Was the mother ill during the pregnancy? Yes/No
16. A mmaagwe ona a nna le mathata faa belega? Ee/Nnyaa
Did the mother have difficulties giving birth? Yes/No
17. A mmaagwe ona lebelega a tsogile fa o mmona? Ee/Nnyaa
Did the mother look well when you saw her? Yes/No
18. A ngwana ona a lebelega a siame fa o mmona? Ee/Nnyaa
Did the baby look normal after birth? Yes/No
Fa a ne asa seama, bolela
If "NO", describe
19. Go lemogile mang Maemo
Notified by Designation.....
Letsatsi Bosupi/Monwana
Date Signature
- Lefelo/Bonno
Station

mogokgo wa tsa bongaka jwa kgaolo eo , gore a e seka seke
a bo a e fitisetse kwa go ba tsa Dipalo ka botsogo jwa
jwa batho mo Ministry of Health

the Regional Medical Officer for review and onward transmission
to the Medical Statistics unit in the Ministry of Health

KITSISO YA DINTSHO KA BA KALAFI
MEDICAL NOTIFICATION OF DEATH
=====

1. Leina la moswi
Name of deceased
2. Fa moswi ele ngwana , kwala leina la ga mmaagwe
If deceased is a child , give mother's name
3. Aterese ya gale le gale ya moswi , ka botlalo
Usual address of deceased , in detail
4. Kgaolo
District
5. Kgaolo ya bongaka
Medical Region
6. Leina la kgosana
Headman's name
7. Dingwaga tsa gagwe fa a tlhokafala
Age at death
8. Ke mong Monna/Mosadi
Sex Male/Female
9. Tiro
Occupation
10. Letsatsi le a suleng ka lone
Date of death
11. Kwala lefelo le a swetseng mo go lone , ka botlalo
Place of death , in detail
12. Ditshupo tsa bolwetsi pele gaa swa
Symptoms before death
13. Otsere lobaka lolo kae a ntse a lwala
Duration of illness
14. Fa go itsege , kwala se se dirageditseng loso
If known , cause of death
15. A moswi o ne a kile a bonwa ke ba bongaka , ka nako ya fa a ne a lwala? Ee/Nyaa
Had the deceased attended a Health Facility during the last illness? Yes/No

Fa a bonye ba botsogo , o ba bonye kae?
If "YES" , which facility?

Ka ntlha ya bolwetsi bofe ?
What illness?
16. Lone lwa lemogwa ke mang? Maemo a gagwe
Notified by Designation
Letsatsi Bosupi
Date Signature

Fa o sena go tlatša Foromo/pampiri e , o e romele kwa
go mogokgo wa tsa bongaka jwa kgaolo eo , gore a e seka seke ,
a bo a e fitisetša kwa go ba tsa Dipalo ka botsogo jwa batho mo
Ministry of Health

After completion , this form is to be sent to
the Regional Medical Officer for review and onward transmission
to the Medical Statistics unit in the Ministry of Health

SEMI-ANNUAL STAFF REPORT

MH 2010

REPORTING UNIT:

(1) NAME:

(2) TYPE: Regional Health Team/
Hospital/Health Centre/
Clinic/Health Post/Other

(3) Postal Address:

(4) Village/Town:.....District:.....Medical Region:.....
 (5) Ownership: Government/Local Authority/Mission/Other:
 (6) List of Staff:

4 Village/Town.....
5 Ownership: Government/Local Authority/Mission/Other:

(6) List of Staff:

[illegible]

Use additional sheets as necessary. See reverse for instructions.

OFFICER IN-CHARGE:.....NAME:.....SIGNATURE:.....DATE:.....

S E M I - A N N U A L S T A F F L I S T

With immediate effect, the staff list will be prepared by each reporting health unit in accordance with the form on the reverse side. Notes and explanations on the use of the form are printed below. In case of doubt, consult with your supervisor, and if necessary, with the Ministry of Health (Attention: Principal Medical Officer of Health or Medical Statistics Unit.)

1. Staff list should be prepared separately for EACH unit, irrespective of ownership. Thus, various units of the MCH HQ each Regional Health Team, each hospital, each health centre, each clinic, each health post are required to regularly prepare and submit staff lists.
2. Two lists are required to be prepared during anyone calendar year, the first semi-annual report showing the staff situation as of 30th June, and the second semi-annual list for 31st December. Lists should be submitted within a week of these dates.
3. The list should include all categories of staff in this order: all medical officers, all nursing staff, all paramedical staff, all administrative staff and all industrial class staff, staff members currently on leave (maternity, sick, studies), any staff assigned to a unit working elsewhere temporarily, those working in the unit but belonging to or employed by other agencies, any staff working on a part time basis, any volunteers, etc. Indicate such details under remarks.
4. The list should include all those who have departed from service or resigned during the period of the report.
5. Grade is the salary grade. Designate volunteers with V. Designate industrial class with an I.
6. Post: State the position the staff member is holding, example, Medical Officer (wherever relevant designate a specialty), Matron, Sister In-Charge, Enrolled Nurse Midwife, etc.
7. Indicate clearly any staff with teaching duties, either full or part time. This refers only to regular teaching programmes such as nursing and midwifery courses, laboratory assistants course, health assistants course, etc. Do not include health education of the public, food demonstration, occasional lectures given to the staff, etc.
8. 'Contact Expiry Date: Give this information for contract officers employed by the Government and bilateral or international agencies' personnel, leave the space blank for other staff.
9. Two copies must be submitted, one for the medical statistics unit, and the other for the attention of CNO/PMOH.
10. Staff lists should be submitted through the Regional Medical Officer concerned, except in the case of Hospitals for which it should be sent directly to the Ministry as stated in para 9 above.

WEEK: FROM: TO:
MONTH:
YEAR:

ANTE NATAL CARE

[illegible]

F A M I L Y P L A N N I N G

[illegible]

OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS
TALLY SHEET

INJECTIONS AND DRESSINGS

HEALTH FACILITY:.....

TYPE:.....

ADMINISTRATIVE DISTRICT:.....

WEEK: FROM.....TO:..... MONTH:..... YEAR:.....	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
1	
2	
3	
4	
5	
6	
7	
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9	
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12	
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19	
20	
21	
22	
23	
24	
25	

WEEK: FROM.....TO:..... MONTH:..... YEAR:.....	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
1	
2	
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5	
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23	
24	
25	

MEDICAL REGION:.....
HEALTH FACILITY:.....
FACILITY NUMBER:.....(for official use)

MONTH:
YEAR:

●		
●		

152

WELL BABY CARE		P.N.C.	INJECT. & DRESSINGS
FIRST (5338)	REPEAT (6338)	(0352)	(9111)

ANFE NATAL (0351)							
TYPE	TOTAL	< 15	15-19	20-29	30-39	40-44	45+
First (5351)							
Repeat (6351)							
TOTAL							
Columns							

FAMILY PLANNING (4182)

TOTAL First Repeat	PILL First Repeat (0344) (5344)	IUD First Repeat (0345) (5345)	INJ. First Repeat (0346) (5346)	CONDOM First Repeat (6346) (7346)	OTHER First Repeat (8346) (9346)
Columns					

MH 2007

QUARANTINABLE DISEASES

OTHER NOTIFIABLE DISEASES

	Number of cases	Deaths
1918-19	1,000	100
1919-20	1,000	100
1920-21	1,000	100
1921-22	1,000	100
1922-23	1,000	100
1923-24	1,000	100
1924-25	1,000	100
1925-26	1,000	100
1926-27	1,000	100
1927-28	1,000	100
1928-29	1,000	100
1929-30	1,000	100
1930-31	1,000	100
1931-32	1,000	100
1932-33	1,000	100
1933-34	1,000	100
1934-35	1,000	100
1935-36	1,000	100
1936-37	1,000	100
1937-38	1,000	100
1938-39	1,000	100
1939-40	1,000	100
1940-41	1,000	100
1941-42	1,000	100
1942-43	1,000	100
1943-44	1,000	100
1944-45	1,000	100
1945-46	1,000	100
1946-47	1,000	100
1947-48	1,000	100
1948-49	1,000	100
1949-50	1,000	100
1950-51	1,000	100
1951-52	1,000	100
1952-53	1,000	100
1953-54	1,000	100
1954-55	1,000	100
1955-56	1,000	100
1956-57	1,000	100
1957-58	1,000	100
1958-59	1,000	100
1959-60	1,000	100
1960-61	1,000	100
1961-62	1,000	100
1962-63	1,000	100
1963-64	1,000	100
1964-65	1,000	100
1965-66	1,000	100
1966-67	1,000	100
1967-68	1,000	100
1968-69	1,000	100
1969-70	1,000	100
1970-71	1,000	100
1971-72	1,000	100
1972-73	1,000	100
1973-74	1,000	100
1974-75	1,000	100
1975-76	1,000	100
1976-77	1,000	100
1977-78	1,000	100
1978-79	1,000	100
1979-80	1,000	100
1980-81	1,000	100
1981-82	1,000	100
1982-83	1,000	100
1983-84	1,000	100
1984-85	1,000	100
1985-86	1,000	100
1986-87	1,000	100
1987-88	1,000	100
1988-89	1,000	100
1989-90	1,000	100
1990-91	1,000	100
1991-92	1,000	100
1992-93	1,000	100
1993-94	1,000	100
1994-95	1,000	100
1995-96	1,000	100
1996-97	1,000	100
1997-98	1,000	100
1998-99	1,000	100
1999-00	1,000	100
2000-01	1,000	100
2001-02	1,000	100
2002-03	1,000	100
2003-04	1,000	100
2004-05	1,000	100
2005-06	1,000	100
2006-07	1,000	100
2007-08	1,000	100
2008-09	1,000	100
2009-10	1,000	100
2010-11	1,000	100
2011-12	1,000	100
2012-13	1,000	100
2013-14	1,000	100
2014-15	1,000	100
2015-16	1,000	100
2016-17	1,000	100
2017-18	1,000	100
2018-19	1,000	100
2019-		

- NOTES/OTHER DISEASES (IF ANY) OCCURRING IN EPIDEMIC FORM _____

Officer in Charge _____ Signature _____

WEEKLY REPORT OF NOTIFIABLE DISEASES

INSTRUCTIONS

1. Send this card at the end of every week to your RMO, even if there were no cases to report. Check NIL REPORT.
2. The RMOs are to send a summary of all the reports one week after the week in review. RMOs should specify which clinic is reporting when a significant number of cases or deaths is reported.
3. Cases of cholera, plague, and yellow fever should be notified by telephone, telegram, or the quickest means available.
4. If any cases of meningoccal meningitis, poliomyelitis, typhoid, or rabies are reported the RMO is requested to specify which clinic in the notes.

ON BOTSWANA GOVERNMENT SERVICE POSTAGE PAID

WARD MIDNIGHT CENSUS

MM 002

WARD

HOSPITAL

DATE

DATE	PATIENTS							LODGERS			NEWBORNS							
	ADM	T-IN	DISCH	DEATH	ABSCOND	T-OUT	TOTAL	ADM	DISCH	TOTAL	NEWBORN	BBA	T-IN	DISCH	DEATH	ABSCOND	T-OUT	TOTAL
1.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
24.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
26.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
28.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
31.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TOTAL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

138

Reg. No.

Kit Bag No:.....

Date of Discharge _____ Condition on discharge Referral at _____
 Alive ☐ Dead ☐

Diagnosis

.....

Underlying Cause

.....

Treatment/Operation

.....

Date of Operation Performed by

P.M. Result:

Result/Comments

.....

Birth Weight (gms) {

--	--	--	--

Type of Delivery

Mental Hospital Out-Patient Statistic Register

6102

Date _____ 19__

[illegible]

Admission/Discharge Form for Psychiatric Patient

...../for Census
Discharge (Census...../...../19.....

Reg. Number.....

Surname:.....

Forenames:..... Previous Reg. Number.....

Village/Town (permanent residence):.....

Nearest Health Facility Code

Date of Birth:...../...../19..... Age..... Years Sex.....

Date of Admission:...../...../19..... Date of Discharge:...../...../19.....

Number of admissions (including the actual):.....

If re-admission, Date of last Discharge:...../...../19.....

Type of Admission: Voluntary Certified

By request of police or Magistrate Committed

Discharge Escaped Death Transferred

1st Diagnosis:.....

Code Number

2nd Diagnosis:.....

Code Number

Signature:.....

Form MH.IP/1/(Rev 1)/80

ADMISSION

Reg. Number:

Surname:.....

Forenames:..... Sex:.....

Date of Admission:...../...../19.....

Signature:.....

A P P E N D I X I I

In tabulating in-patient statistics, Botswana adheres to the Ninth International Classification of Diseases (see World Health Organization, Manual of the International Statistical Classification of Diseases, and Causes of Death, Ninth Revision, Volume 1 and 2, Geneva, 1977 and 1978). The Basic Tabulation List containing 307 two - and three-digit rubrics is used to code and classify diagnoses. A "rubric" is a term under which conditions, descriptions, diseases or disorders are classified. To help readers, each two-digit rubric from the List is cross referenced below to one of the 17 major chapters of the ICD.

<u>ICD CHAPTER</u>	<u>BASIC TABULATION LIST CODE</u>
I. Infectious and Parasitic Diseases	01 Intestinal infectious diseases
	02 Tuberculosis
	03 Other bacterial diseases
	04 Viral diseases
	05 Rickettsiosis and other arthropod-borne diseases
	06 Venereal diseases
	07 Other infectious and parasitic diseases and late effects of infectious and parasitic diseases.
II. Neoplasms	08 malignant neoplasms of lip, oral cavity and pharynx.
	09 malignant neoplasms of digestive organs and peritoneum.
	10 malignant neoplasms of respiratory and intrathoracic organs.
	11 malignant neoplasms of bones, connective tissue, skin and breast.
	12 malignant neoplasms of genitourinary organs
	13 malignant neoplasms of other and unspecified sites.
	14 malignant neoplasms of lymphatic and haemopoietic tissue.

- 15 benign neoplasm
 - 16 carcinoma in situ.
 - 17 other and unspecified neoplasms
- III Endocrine, Nutritional and Metabolic diseases, and immunity disorders.
 - 18 Endocrine and metabolic diseases, immunity disorders
 - 19 Nutritional deficiencies
- IV Diseases of Blood and Blood-forming organs.
 - 20 Diseases of Blood and Blood forming Organs
- V Mental Disorders
 - 21 Mental Disorders
- VI Diseases of the Nervous system and sense organs
 - 22 Diseases of the nervous system
 - 23 Diseases of the eye and adnexa
 - 24 Diseases of the ear and mastoid process
- VII Diseases of the circulatory system
 - 25 Rheumatic fever and Rheumatic heart disease
 - 26 Hypertensive disease
 - 27 Ischaemic heart disease
 - 28 Diseases of Pulmonary Circulation and other forms of heart disease
 - 29 Cerebrovascular disease
 - 30 Other diseases of circulatory system
- VIII Diseases of the Respiratory system
 - 31 Diseases of the upper Respiratory tract
 - 32 Other diseases of the respiratory system.
- IX Diseases of the digestive system
 - 33 Diseases of Oral cavity, salivary glands and jaws

- 34 Diseases of other parts of the digestive system
- X Diseases of the genitourinary system
 - 35 Diseases of the urinary system
 - 36 Diseases of male genital organs
 - 37 Diseases of female genital organs
- XI Complications of pregnancy, child-birth and the puerperium
 - 38 Abortion
 - 39 Direct Obstetric causes
 - 40 Indirect Obstetric causes
 - 41 Normal delivery
- XII Diseases of the skin and subcutaneous tissue
 - 42 Diseases of the skin and subcutaneous tissue
- XIII Diseases of Muscular-skeletal system and connective tissue.
 - 43 Diseases of muscularskeletal system and connective tissue
- XIV Congenital anomalies
 - 44 Congenital Anomalies
- XV Certain conditions originating in the Perinatal Period
 - 45 Certain conditions originating in the perinatal period
- XVI Symptoms, Signs and Ill-defined conditions
 - 46 Signs, symptoms and ill-defined conditions
- XVII Injury and Poisoning
 - 47 Fractures
 - 48 Dislocations, Sprains and strains
 - 49 Intracranial and internal injuries including nerves.
 - 50 Open wound and injury to blood vessels
 - 51 Effects of foreign body entering through orifice
 - 52 Burns
 - 53 Poisonings and toxic effects

- 54 Complications of medical and surgical care.
- 55 Other injuries, early complications of trauma
- 56 Late effects of injuries, of poisonings, of toxic effects and of other external causes

XVIII Supplementary classification of factors influencing Health Status and contact with health services

- 57 V0 Other reasons for contact with Health Services.