5. Recommendations

For the management, financing and delivery of outpatient services in public district hospitals to be effectively improved in terms of equity and sustainability:

- 5.1 Public district hospitals should run themselves for more autonomy.
- 5.2 There must be strict supervision over user fees collection and expenditure.
- 5.3 Essential supplies and equipment should be in place on a regular basis and these should be properly controlled.
- 5.4 Staff salaries should be increased taking into consideration risks they are exposed to during work.
- 5.5. Dishonest staff should be fired immediately.
- 5.6 Only caring staff should be appointed.
- 5.7 Since chronic diseases are too expensive to treat, sufferers must contribute part of the total cost.
- 5.8 The used charging system should reflect both the buying price(s) per supply dispensed and the type of disease attended.
- Number of outpatient services charged for should be increased.
- 5.10 Budget allocated to public district hospitals should be increased.
- 5.11 Exemptions should be granted on proven grounds.

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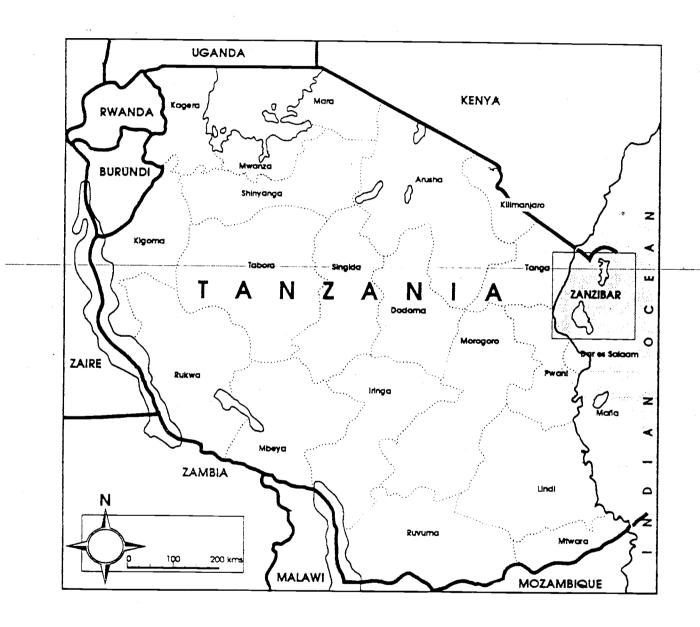
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	pendix B: Number of Health Facilities by Region and Ownership: Tanzania Mainland

	TOTAL 77	Tanga	Tabora	Singida	Shinyanga	Ruvuma	Rukwa	Mwanza	Mtwara	Morogoro	Mbeya	Mara	Lindi	Kilimanjaro	Kigoma	Kagera	Iringa	Dodoma	Dar es Salaam	Coast	Arusha		REGION TRUIT
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,	275 Hospitals	15	11	12	18	13	12	26	13	16	17	11	12	17	10	12	16	17	6	10	11	TOTAL	RES
	2218	136	84	97	143	93	73	204	99	131	149	92	88	93	94	132	91	148	66	90	115	Α	
	385	16	21	32	31	35	15	24	13	38	24	25	∞	37	14	13	44	21	27	8	39	В	
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	2914	203	106	129	176	129	88	23,8	112	183	186	123	100	135	109	145	141	172	146	113	180	TOTAL	
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Appendix C: Country Disease Summary from District Reports for 1990

NAME OF DISEASES	ITS OCCURRENCE IN %
Diarrhoeal diseases	7.32
Malaria	31.52
Measles	0.16
Acute poliomyelitis	0.00
Whooping cough	0.02
Neonatal tetanus	0.01
Adult tetanus	0.01
Intestinal worms	4.20
Skin diseases	3.19
Nutritional disorders	0.69
Anaemia	1.34
Normal pregnancy, minor complication	1.21
Complication of pregnancy at child birth and pueparium	0.29
Gonorrhoea	1.62
Upper respiratory infection	11.61
Pneumonia	4.99
Accidents including burns, fractures	2.24
Schistosomiasis	0.55
Eye diseases	4.03
Ear diseases	1.15
Mental disorder	0.25
All other diagnosed diseases	14.38
Symptoms and ill-defined conditions	9.22
TOTAL	100

SOURCE: [79)]

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	pendix D: Outpatients and Inpatients Attendance in '000' per Type of Health Facility 1980
	1'000' per Type of Health Facility 1980 -
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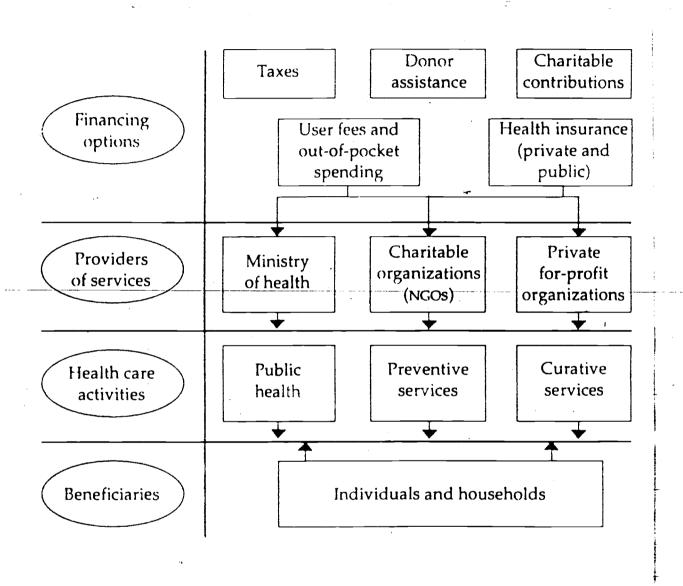
Dispensaries excluding parastatal and private dispensaries	Rural H/Centre	Hospitals including special hospitals		Dispensaries excluding parastal and private dispensaries	Rural H/Centres	Hospitals including special hospitals		FACILTY TYPE	HEALTH
178	275	922		60628	12973	33768		80	
180	279	925		62645	13115	35254		81	
183	285	927		63909	14427	38779		82	
186	289	929		65173	15739	42304		83	
189	295	931		66437	17051	45829		84	
193	310	936	INPAT	67706	18376	49357	OUTP	85	
199	327	962	INPATIENTS IN '000'	69873	19938	52121	OUTPATIENTS IN '000'	86	YEAR
206	346	989	'000'	72109	21633	55040	IN '000'	87	
250	350	1020		75100	23700	57580		88	
226	398	1340		78160	25600	60790		89	
226	437	1660		81208	27500	64006		90	
203	463	1825		83691	29405	66818		91	
323	490	2007		86229	31442	69753		92	
343	517	2189		88777	33479	72688		93	
363	504	2371		91325	35516	75623		94	

SOURCE: [80,81]

Appendix E: Number of Health Facilities in Tanzania Mainland: 1990-1995

YEAR	TYP	E OF HEALTH F	ACILITY	TOTAL
	Hospitals	Health Centres	Dispensaries	
1990	173	276	2840	3289
1991	174	276	2851	3301
1992	174	276	2858	3308
1993	175	276	3014	3465
1994	175	276	3014	3465
1995	183	291	3286	3760

SOURCE:[82]



SOURCE (83)

Appendix G: 'Cost Sharing Implementation in Public Hospitals in Tanzania by Type of Service, Service Description, Facility Leval and Charge in US \$*

Type of Service charged	Description	Referal Hospitals	Regional Hospitals	District Hospitals
1. Consultation	Grade I & II Grade III	0.86 0.52	0.52 0.34	0.34 0.26
2. Drug for outpatient	-	0.07	0.07	0.07
3. Medical Examination for:				0.07
3.1 Students 3.2 Civil Servants 3.3 Special Examination test	-	0.86 2.59	0.86 2.59	0.86 2.59
3.4 Workman's compensation 3.5 Medical Board	- -	5.17 5.17 17.24	5.17 5.17 17.24	5.17 5.17 17.24
4. Gate toll for: 4.1 Motor vehicles 4.2 Motor bikes 4.3 Bicycles	-	0.17 0.07 0.03	0.17 0.07 0.03	0.17 0.07 0.03
5. Mortuary Fees for: 5.1 Post-mortem 5.2 Storage	-	1.72 0.34	1.72 0.34	1.72 0.34
6. Hospitalization fees for: 6.1 Grade I	Daily fee excluding food, drugs,	3.45	2.59	1.72
6.2 Grade II	laboratory services, or other tests	1.72	1.29	0.86
6.3 Grade III	For the whole period of admission including food, drugs, and laboratory services or other tests	0.86	0.52	0.26

7.16 Normal delivery 8. Foreigners fees for: 8.1 Consultation 8.2 Appointment Consultation 8.3 Hospitalization 8.4 Ordinary laboratory tests 8.5 Special tests 8.6 Major Surgery 8.7 Minor surgery 8.8 Mortuary	Grade I & II	20 20 30 10 50-200 200-2000 50	20 20 30 10 50-200 200-2000 50	0.17 20 20 30 10 50-200 200-2000
7. Other Services: 7.1 Laboratory and eye tests 7.2 General major surgery 7.3 General minor surgery 7.4 Major Ophthmology 7.5 Minor Ophthmology 7.6 Major ENT 7.7 Minor ENT 7.8 Major Orth/Trauma 7.9 Minor Orth/Trauma 7.10 Major Neurosurgery 7.11 Minor Neurosurgery 7.12 Major Urosurgery 7.13 Minor Urosurgery 7.14 Major Obst/Gynaec. 7.15 Minor Obs/Gynaec.	Grade 1 & 11 Grade I & II	1.72 25.86 5.17 25.86 3.45 12.93 2.59 25.86 5.17 68.97 17.24 13.79 5.17 25.86 6.90	1.72 25.86 5.17 25.86 3.45 12.93 2.59 25.86 5.17 68.97 17.24 13.79 5.17 25.86 6.90	-

NB: Please, note that some of the 'other services' are not delivered by public district hospitals.

* Original user fees in Tshs. were coverted in US \$ at the exchange rate of 580 Tshs. per US \$.

SOURCE: [84]

Appendix H: HEALTH FACILITY QUESTIONNAIRE

NOTE:

Dear health professional, may you answer ALL APPLICABLE questions according to given instructions.

Day/Month/Year

Questionnaire Number

Name of Hospital

Type of Hospital

Title of the Health Professional

CIRCLE OR FILL IN ANSWERS

I. BACKGROUND INFORMATION

- 1. Your Sex
 - 01 Male
 - 02 Female
- 2. Your Age (completed years)

01

- 3. Your highest educational qualification
 - 01 No formal education
 - 02 Primary education
 - 03 Secondary education
 - 04 Post secondary education -certified
- 4. Your highest professional qualification

01

II. COST SHARING IMPLEMENTATION MANAGEMENT

5.	Were imple	there prior preparations for the cost sharing implementation team in this hospital before menting this policy?
	01	Yes
-	02	No
6.		decided on the user fee structure you are using?
	01	
7.	Are th	nese rates fixed since you began to implement the policy of cost sharing?
	01	Yes
	02	No
8.	If Yes,	, who has the right to revise them?
	01	
9.	Which	outpatient services do you deliver in this hospital?
	01	
	02	
	03	
	04	
	05	
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10.	Which s	services among these are charged for and how much is the charge per service?
	Service	Charge in Tshs.
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11.	Do ·	You allocate any share to outpatient services you musting 1.5
	user	you allocate any share to outpatient services you mentioned from revenues generated through fees?
	01	Yes
	02	No
12.	If N	o, which other sources of funds do you use to finance them?
	01	to them?
	02	
	03	
13.	Have	you had an instance where an outpatient was unable to pay for sought care?
	01	Yes
	02	No
14.	If Ye	s, which corrective measure(s) were taken?
	01	
	02	
15.	For or	atpatients exempted from paying the user fees, does the granted exemption affect the type of ought by the patient?
	01	Yes
	02	No
16.	In you	or opinion which changes should be made in order to improve the existing exemption nism?
	01	·

Catego	ry Number of Staff
How m	any staff do you have by category?
	ATIENT SERVICES MANAGEMENT
	002
03	001
	002
02	001
	002
01	001
Factor	Proposed solution(s)
For eac	ch factor, you have mentioned, which ways do you propose should be used to solve it?
03	
02	
01	
If, in decrea	your opinion, the quality of outpatient services has either remained constant or it has ased, which are the contributing factors?
02	
01	
If, in y to me	your opinion, the quality of outpatient services have improved, which indicator(s) do you use asure the noted improvement?
0.3	Decreased
	Remained constant
CI	Improved
How	do you compare the quality of outpatient services in this hospital now and before 1994?
	01 02 03 If, in y to me 01 02 If, in decrea 01 02 03 For ear Factor 01 02

Cate	egory	Number of Staff
01	Medical Officer(s)	
02	Assistant Medical Officer(s)	
03	Nurses	
04	Pharmacist(s)	
05	Laboratory Technician(s)	
06	Radiologist(s)	

	07	Health Officer(s)		
	08	Health Services Secretar	ry(ies)	
	09	Medical Records Officer	r(s)	
22.		t was the approal stoff		7 <u>-</u>
22.	01	It was on increase	sition in this hospital before 1994?	
	02	It remained constant		
	03	It was on decrease		
23.	What	has been the annual staffing	g position in this hospital after 1994?	
	01	It has been on increase	or reserved in the notifical arter 1994:	
	02	It has remained constant		
	03	It has been on decrease		
24.	Are y	our staff satisfied with their	work schedule?	
	01	Yes	•	
	02	No		
25.	If no,	explain why?		
	01 -		•	
26.	In ord	er to improve the situation,	which corrective measure(s) should be	e taken?
	01			
	02			
27.	Which	was the physical facilities p	position in this hospital in 1993?	
			Number	
	Facili	ty type	Required	Actual
	01	Beds		
	02	MCH Vaccines		
	03	Essential drugs		
	04	Laboratory(ies)		

Blood bank(s)

06	X-ray section(s)
07	Theatre(s)
08	Inpatient ward(s)
09	Kitchen(s)
10	Laundry(ies)
011	Technical capentry(ies)
012	Tailoring work shop(s)
013	Mortuary(ies)
014	Motorcycle(s)

Motorvehicle(s)

015

Which is the physical facilities position in this hospital now?

Facility type		Number Required	Actual
01	Beds		
02	MCH veccines		
03	Essential drugs		
04	Laboratory(ies)		
05	Blood bank(s)		
06	W-ray section(s)		
07	Theatre(s)		
80	Inpatient ward(s)		
9	Kitchen(s)		
010	Laundary(ies)		
011	Technical capentry(ies)		
012	Tailoring workshop(s)		
)13	Mortuary(ies)		
)14	Motorcycle(s)		
15	Motorvehicle(s)		

29. Do patients purchase prescribed drugs from within?

01 Yes

02 No

30.	If no	If no, where do they purchase them?					
	01	Public pharmacies					
	02	Private pharmacies					
31.	How	How do you compare the management of outpatient services in this hospital now and before 1994					
	01	Improved	and service 1994				
	02	Remained constant					
	03	Decreased					
32.	If, in use to	If, in your opinion, the management of outpatient services has improved, which indicator(s) do you use to measure the noted improvement?					
	01						
	02						
	03						
33.	If, in decre	If, in your opinion, the management of outpatient services has either remained constant or it has decreased, which are the contributing factors?					
	01						
	02						
	03						
34.	For each factor, you have mentioned, which measures do you propose should be taken to solve it?						
	Facto	r ·	Proposed Solution(s)				
	01		001				
			002				
	02		001				
			002				
	03		001				
			002				
TV.	OUTF	PATIENT SERVICES I	INANCING				
35.	Which	Which sources of finance do you use to fund outpatient services in this hospital?					
	01		·				
	02						
	03						
	04						

How much share has been contributed by each source between 1991/92 and 1994/95? 36. Source Contribution Made by Each Source by Year 1991/92 1992/93 1993/94 1994/95 01 02 03 04 In the light of available sources of finance, how do you compare the financing position of outpatient 37. services now and before 1994? 01 Improved 02 Remained constant 03 Decreased If, in your opinion, the financing position of outpatient services has improved in this hospital, which 38. indicator(s) do you use to measure the noted improvement? 01 02 If, in your opinion, the financing position of outpatient service has either remained constant or it has 39. decreased, which are the contributing factors? 01 02 03 For each factor, you have mentioned, which measures should be taken to solve it? 40. **Factor** Proposed Solution(s) 01 001

02			001
			002
03			001
		_	002

V. OUTPATIENT SERVICES DELIVERY

V.1 CURATIVE SERVICES DELIVERY

What was the annual outpatients attendance for basic curative services by sex between 1992 and 1995?

	Attendan	ce by Sex	
Year	Male	Female	Total
1992			
1993			
1994			
1995			

- In your opinion how do you compare the delivery of basic curative services in this hospital now and before 1994?
 - 01 Improved
 - 02 Remained constant
 - 03 Decreased
- If, in your opinion, the delivery of basic curative services has improved, which indicator(s) do you use to measure the noted improvement?
 - 01
 - 02
- 44. If, in your opinion, the delivery of basic curative services has either remained constant or it has decreased which are the contributing factors?

03

45. For each factor, you have mentioned, which measures should be taken to solve it?

Factor	Proposed Solution(s)
01	001
	002
02	001
	002
03	001
	002

V.2 PREVENTIVE SERVICES DELIVERY

What was the annual number of homes delivered with health education between 1992 and 1995?

·

What was the annual number of underfives whose growth rate was monitored using the growth chart between 1992 and 1995?

Year	Number of Underfives Whose Growth was Monitored Using the Growth Chart
1992	
1993	
1994	
1995	

What was the annual number of pregnant women received antenatal care during pregnancy between 1992 and 1995?

Year	•	Number of Women Received	Antenatal Care During Pregnancy
1992			
1993			
1994			
1995			
49.	In you	our opinion how do you compare the delivery of these pre-	ventive services in this hospital now
	01	Improved	
	02	Remained constant	
	03	Decreased	
50.	If, in y	your opinion, the delivery of these preventive services has in o measure the noted improvement?	nproved, which indicator(s) do you
	01	·	
	02		
51.	If, in yo	your opinion, the delivery of these preventive services has eased which are the contributing factors?	s either remained constant or it has
	01	· · · · · · · · · · · · · · · · · · ·	
٠	.02		
	03		
52.	For eac	ach factor, you have mentioned which measures should be	e taken to solve it?
	Factor	Proposed Solution(s)	
	01	001	
		002	
	02	001	
		002	
	03	001	
		002	

THANK YOU FOR ANSWERING THESE QUESTIONS

Appendix I: OUTPATIENT QUESTIONNAIRE

NOTE:

Dear patient, may you answer ALL APPLICABLE questions according to given instructions.

Day/Month/Year

Questionnaire Number

Name of Hospital

Type of Hospital

CIRCLE OR FILL IN ANSWERS

I. BACKGROUND INFORMATION

- 1. Your sex
 - 01 Male
 - 02 Female
- 2. Your age (completed years)

- 3. Your marital status
 - 01 Single
 - 02 Married
 - 03 Divorced
 - 04 Separated
 - 05 Widowed
 - 06 Cohabiting
- 4. Your highest educational qualification
 - 01 No formal education
 - 02 Primary education
 - 03 Secondary education
 - 04 Post secondary education
- 5. Your occupational status
 - Full time salaried employee
 - 02 Business

	03	Self-employed	
	04	Part-timer	
	05	Peasant	
	06	Housewife	
6.	Ify	you are married, state your spouse's occupational status	
	01	Full time salaried employee	
	02	Business	
	03	Self-employed	
	04	Part-timer	
	05	Peasant	
	06	Unemployed	
7.	If y	ou are the head of your household, on average how much money do you earn monthly?	
	01	5,000 to 30,000/=	
	02	30,000 to 55,000/=	
	03	55,000 to 80,000/=	
	04	Over 80,000/=	
П.	UTI	ILIZATION OF OUTPATIENT SERVICES	
8.	How	v far is this hospital from your home?	
	01	kilometers	
9.	Whic	ch means of transport did you use?	
	01	1	
10.	Why	did you decide to come to this hospital?	
	01	and the second s	
11.	Were	e laboratory investigations carried out before you were written medicine(s)	
	01	Yes	
	02	No	
12.	Were	you told by the services provider who attended you what disease you were suffering from	۰.
	01	Yes	1?
	02	No	
13.	Did y	ou get all the drugs you were prescribed?	
	01	Yes	
	02	No	

14.	If Y	es, how much money did you pay in total in order to get the care you were seeking for?
15.	01 If No	o, explain why you did not get the drugs?
	01	of oxplain why you did not get the drugs?
16.		e you satisfied with the care you received?
	01	Yes
	02	No
17.	If no	, explain why?
	01	
18.	In you	ur opinion, how do you rate the amount you spent in getting the care you were seeking for? Affordable
	02 .	Unaffordable
	03	Uncertain
19.	Which	n method did you use to raise the amount you spent?
- 20.		Ou still willing to so I. S.
20.	01	ou still willing to seek for your care in this hospital? Yes
	02	No
21.		, explain why?
	01	Price are affordable
	02	Delivered services are of good quality
-	03	Other reason (specify)
22.		vered services are of good quality, which indicator(s) do you use to measure the noted
	01	
	02	
23.	Have y	ou ever postponed seeking for care because you were unable to pay?
	01	Yes
		No
24.		which alternative did you make instead?
	01	
25.		pay for the sought care?
		Yes
		No
26.	If you d	id not pay, explain why?
	~	

\sim	•
11	

- Following the introduction of cost sharing in public district hospitals, what is your perception on the following:
- 27.1 Quality of delivered outpatient services in these hospitals?
 - 01 Improved
 - 02 Remained constant
 - 03 Decreased
- 27.1.1 If the quality of deliver outpatient services has either remained constant or decreased, explain why?
- 27.1.2 In your opinion, what should be done to ensure an improved quality of delivered outpatient services
- 27.2 Accessibility to delivered outpatient services in these hospitals?
 - 01 Improved
 - 02 Remained constant
 - 03 Decreased
- 27.2.1 If accessing delivered outpatient services has either remained constant or decreased, explain why?
- 27.2.2 In your opinion, what should be done to maximize accessibility to delivered outpatient services?

- 27.3 Equity of delivered outpatient services in these hospitals?
 - 01 Improved
 - 02 Remained constant
 - 03 Decreased
- 27.3.1 If the equity of delivered outpatient services has either remained constant or decreased, explain why?

01

27.3.2 In your opinion, what should be done to ensure delivered outpatient services are equitable?

01

- 28. In case there is an increase on user fees, will you be willing to pay more fees?
 - 01 Yes
 - 02 No.

THANK YOU FOR ANSWERING THESE QUESTIONS

Appendix J: HOUSEHOLD HEAD QUESTIONNAIRE

NOTE: Dear household head, may you answer ALL APPLICABLE questions according to

given instructions.

Day/Month/Year

Questionnaire Number

Name of Hospital

Type of Hospital

CIRCLE OR FILL IN ANSWERS

1. **BACKGROUND INFORMATION**

- 1. Your sex
 - 01 Male
 - 12 Female
- 2. Your age (completed years)

- 3. Your marital status
 - 01 Single
 - 02 Married
 - 03 Divorced
 - 04 Separated
 - 05 Widowed
 - 06 Cohabiting
- 4. Your highest educational qualification
 - 01 No formal education
 - 02 Primary education
 - 03 Secondary education
 - Post secondary education certified 04
- 5. Your occupational status
 - Full time salaried employee 01
 - 02 **Business**
 - 03 Self-employed
 - 04 Part-timer

	06	Housewife			
6.	If you	If you are married, state your spouse's occupational status			
	01	Full time salaried employee			
-	02	Business			
	03	Self-employed			
	04	Part-timer Part-timer			
	05	Peasant			
	06	Unemployed			
7.	On average, how much money does your household earn monthly?				
	01	5,00 to 30,000/=			
	02	30,000 to 55,000/=			
	03	55,000 to 80,000/=			
	04	Over 80,000/=			
п.	UTIL	IZATION OF OUTPATIENT SERVICES			
8.	How f	ar is the nearest hospital from your home?			
	01	kilometres			
9.	Do yo	u normally go there?			
	01				
10.	If yes,	which means of transport do you normally use to go there?			
	01				
11.	Why d	o you normally go to this hospital?			
	01				
12.	When was your last visit to this hospital after the introduction of cost sharing in public district hospitals?				
	01	Day/Month/Year			
13.	Were l	aboratory investigations carried out before you were written medicine(s)?			
	01	Yes			
	02	NO			
14.	Were y	ou told by the services provider who attended you what disease you were suffering from?			
	01	Yes			
	02	No			

Peasant

15.	Did you get all the drugs you were prescribed?				
	01	Yes			
	02	No			
-					
16.	If y	es how much money did you pay in total in order to get the care you were seeking for?			
	01				
17.	Ifn	o, explain why you did not get the drugs?			
	01				
18.	Were you satisfied with the care you received?				
	01	Yes			
	02	No			
19.	If no	o, explain why?			
	01				
20.	In yo	our opinion, how do you rate the amount you spent in getting the care you were seeking for			
	01	Affordable			
	02	Unaffordable			
21.	Whi	ch method did you use to raise the amount you spent?			
	01				
22.	Are	Are you still willing to seek for your care in that hospital?			
	01	Yes			
	02	No			
23.	If ye	s, explain why?			
	01	Prices are affordable			
	02	Delivered services are of good quality			
	03	Other reason (specify)			
24.	If del	ivered services are of good quality, which indicator(s) do you use to measure the quality?			
	01	() Jean and the quality:			
	02				
25.	Had you ever postponed seeking for care because you were unable to pay?				
	01	Yes			
	02	No			
26.	If yes.	, which alternative did you make instead?			
	01				

	01	Yes				
	02	No				
28.	If yo	did not pay, explain why?				
	01					
29.	Following the introduction of cost sharing in public district hospitals, what is your percept the following:					
29.1	Qua	ty of delivered outpatient services in these hospitals?				
	01	Improved				
	02	Remained constant				
	03	Decreased				
29.1.	1 If the why?	quality of delivered outpatient services has either remained constant or decreased, explain				
	01					
29.2	Acces	sibility to delivered outpatient services in these hospitals?				
	01	Improved				
	02	Remained constant				
	03	Decreased				
29.2.]	If acce	sing delivered outpatient services has either remained constant or decreased, explain why?				
29.2.2	In you 01	opinion, what should be done to maximise accessiblity to delivered outpatient services?				
29.3	Equity	of delivered outpatient services in these hospitals?				
	01	Improved				
	02	Remained constant				
	03	Decreased				
29.3.1	If the why?	quity of delivered outpatient services has either remained constant or decreased, explain				
29.3.2	In your	opinion, what should be done to ensure delivered outpatient services are equitable?				
	01	surpained betvices are equitable?				
30.	In case	here is an increase on user fees, will you be willing to pay more fees?				
	01	Yes				
	02	lo -				
1 T A TAT	エク マッヘマコ					

Did you pay for the sought care?

27.

Appendix K: Public District Hospitals selected from Morogoro and Tanga regions by Amount collected through Cost Sharing during 1994 in US \$

REGION	H(1)	AMOUNT COLLECTED IN US \$	H(2)	AMOUNT COLLECTED IN US \$
Morogoro	Kilosa	1,807.5	Mahenge	1,720
Tanga	Handeni	5,015.48	Korogwe	4,454.22

- **SOURCE:** Morogoro and Bombo Regional Medical Officers Offices
 - National Bank of Commerce, City Branch

NOTE:

- $\mathrm{H}\left(1\right)$ and $\mathrm{H}\left(2\right)$ are code numbers used to stand for actual names of selected public district hospitals.
- Also it should be noted that the above public district hospitals were selected depending on data which was available at Regional level during data collection.
- The exchange rate used throughout this work was of the 10 August 1996 where 1 US \$ = 580 Tshs.