

Quantitative Data at Facilities Providing Delivery Services

Form FN-1: BACKGROUND

•	Name of Facility		
•	Name of interviewer		
•	Date of interview		
•	Address		
•	Phone / Fax		
•	E-mail		
•	Name of respondent (Not to be included in computer datasheet)		
•	GPS Location - Degrees:	DMS	East: South: East: North:
•		UTM	

Members of the Facility Administration: (Write position only)	
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Question	Value	Variable
1. Questionnaire number		Number, Missing=9, Not Applicable (N/A)=8
Respondent		
2. Position		String (To be categorized later)
3. Willingness to answer		Y=1, N=2, Missing=9, Not Applicable (N/A)=8

<p>4. Present for interview</p>	<p>Y=1, N=2, Missing=9, Not Applicable (N/A)=8</p>
<p>Facility</p>	
<p>5. District of Facility</p>	<p>1=Moshi Urban, 2=Hai, 3=Arusha Urban, 4=Arumeru, 5=Hanang, 6=Mbulu</p>
<p>6. Ward of Facility</p>	<p>N/A = 88, String, 99=Missing</p>
<p>7. Village of Facility</p>	<p>N/A = 88String, 99=Missing</p>
<p>8. Level (Health Post, Dispensary, Health Centre, First Referral Hospital, Secondary Referral Hospital)</p>	<p>Code HP=1, D=2, HC=3, FRH=4, SRH=5, DH=6, RH=7 Missing=9, Not Applicable (N/A)=8</p>
<p>9. Type (Basic / Comprehensive EOC / Not EOC) (As viewed by the respondent)</p>	<p>Code EOCB=1, EOCC=2, Not EOC=3, Missing=9, Not Applicable (N/A)=8</p>
<p>10. Owner (Government, Voluntary Agency, Private For-Profit, Other)</p>	<p>G=1, VA=2, P=3, O=4, Missing=9, Not Applicable (N/A)=8</p>
<p>11. Name of Owner(s)</p>	<p>String, 9=Missing</p>
<p>12. Official number of beds</p>	<p>Number, Missing=999, Not Applicable (N/A)=888</p>
<p>13. Actual number of beds</p>	<p>Number, Missing=999, Not Applicable (N/A)=888</p>

Catchment area		
14. Description		String
15. Sq. km		Number, Missing?, Not Applicable?
16. Percentage of each area from Q15 perceived to utilize the facility		Percentages
17. Population of catchment area as recorded by facility		Number, Missing=9, Not Applicable (N/A)=8
Ambulance services		
18. Present at facility? (Y/N)		Y=1, N=2, Missing=9, Not Applicable (N/A)=8
19. Scale of availability		Never=1, Seldom=2, Most of the Time=3, When Needed=4, Missing=9, Not Applicable (N/A)=8
20. Type of vehicle		String, Missing=9, Not Applicable (N/A)=8
21. Owner of vehicle		Private=1, Facility=2, 3=Voluntary Agency, 4=Government, Missing=9, Not Applicable (N/A)=8

Laboratory		
22. Level of functionality of Laboratory		Poor=1, Functional=2, Adequate=3, Missing=9, Not Applicable (N/A)=8
Lab inventory	<i>Fill in Excel Spreadsheet</i>	Checklist / Table below

Equipment / Procedure	Present? Y=1, N=2, 8=N/A, 9=Missing	Functioning? Y=1, N=2, Poorly =3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, 8=N/A, 9=Missing
Microscope			
Fridge			
Reagents			
HIV test			
Blood –slide			
Stool			
Urine			
Hb			
ESR			
WBC			
Electrolytes			
Urea			
Creatinin			
Glucose Urine			
Glucose Blood			
Gram stain			
Giemsa			
Ziehl-Nielsen			
Syphilis Serology			
Culture mediums			

Physical infrastructure (observational data)	Filled in by the interviewer
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23. State of buildings	Poor=1, Functional=2, Adequate=3, Missing=9, Not Applicable (N/A)=8
24. State of equipment	Poor=1, Functional=2, Adequate=3, Missing=9, Not Applicable (N/A)=8
Physical support available	Checklist / Table
<i>Fill in Excel Spreadsheet</i>	

Support Facility	Present? Y=1, N=2, 8=N/A, 9=Missing	Functioning? Y=1, N=2, Poorly =3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, 8=N/A, 9=Missing
Laundry,			
Kitchen			
Technical Services			
Communication (Radio / Telephone)			
Transport - administration			
Funds for transport			
Photocopy facility			
Patient Records department			
Other			

Clinical support	<i>Fill in Excel Spreadsheet</i>	Checklist / Table
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Facility	Present? Y=1, N=2, 8=N/A, 9=Missing	Functioning? Y=1, N=2, Poorly=3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, 8=N/A, 9=Missing
Laboratory			
X-Ray			
Pharmacy			
Operating Theatre			

Sterilizer			
Other			

Water Source			
25. Rainy season (Pipe, Deep well, Shallow well, Lake, River,Other)			P=1, DW=2, SW=3, L=4, R=5, O=6, Missing=9, Not Applicable (N/A)=8
26. Dry season (Pipe, Deep well, Shallow well, Lake, River,Other)			P=1, DW=2, SW=3, L=4, R=5, O=6, Missing=9, Not Applicable (N/A)=8
27. Quality of water (Poor, Functional, Adequate)			P=1, F=2, A=3, Missing=9, Not Applicable (N/A)=8
28. Quantity of water (Poor, Functional, Adequate)			P=1, F=2, A=3, Missing=9, Not Applicable (N/A)=8

Sanitation	<i>Fill in Excel Spreadsheet</i>		
Facility	Present? Y=1, N=2, 8=N/A, 9=Missing	Functioning? Y=1, N=2, Poorly=3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, 8=N/A, 9=Missing
Latrine			
Water Toilets			
Incinerator			
Waste disposal			
Other			

Policy documents	<i>Fill in Excel Spreadsheet</i>
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Document	Present? Y=1, N=2, Don't know =3, 8=N/A, 9=Missing	Is this document useful to you? Y=1, N=2, Don't know = 3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, Don't know = 3, 8=N/A, 9=Missing
Strategy for Reproductive Health and Child Survival 1997 – 2001			
National TB and Leprosy guidelines			
National Immunization guidelines			
The Health Sector Reform Programme of Work / Plan of Action 1999-2002			
Procedures Manual for Council Health Basket Funds 2000			
National District Health Planning Guidelines 1998			
Human Resources for Health Sector in Tanzania – Five year plan 1996.			
National Package of Essential Health Interventions in Tanzania 1999			

29. Type of statistics kept. List Government, NGO if any, and vertical programs statistics		List briefly, String, Missing=9, Not Applicable (N/A)=8
30. Whose responsibility is it to inform the population in your catchment area of their health service rights? (ie. MCH, TB, etc.)	Describe briefly	Ours=1, The government=2, Both=3, Others = 4, Not Applicable=5, Don't know=6

31. How is this done?	String
32. Whose responsibility is it to encourage improved access to your facility?	Describe briefly Ours=1, The government=2, Both=3, Others = 4, Not Applicable=5, Don't know=6
33. How?	String
34. Do you record staff absentees daily?	Yes=1, No=2, Don't know=3, Missing=4, N/A=5
35. Who would you consider the best person to ask for an external expert evaluation of your facility?	String, Missing=9, N/A=8
36. What in your opinion are the mothers' reproductive rights?	String, Missing=9, N/A=8
37. With the resources available, how would you rate the <u>quantity</u> of your services?	1=We could help a lot more people, 2= We could help a few more people 3=It is impossible to help more people, 4= We are helping too many, 5=Don't know, 6=N/A, 7=Missing
38. With the resources available, how would you rate the <u>quality</u> of your services?	1=We could improve a lot, 2=We could improve a little, 3=It is impossible to improve, 4=Don't know, 5=N/A, 6=Missing
39. Patient payment policies (Use one or more of the numbers)	Describe briefly - String Cost Sharing = 1, Insurance = 2, Community Health Fund = 3, Unofficial payments = 4. Payments in kind = 5,

44. Are you often out of stock of Oxytocin?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
45. Are you often out of stock of Antibiotics?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
46. Are you often out of stock of Vitamin A?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
47. Are you often out of stock of Folic Acid?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
48. Are you often out of stock of Vaccines?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
49. Are you often out of stock of ORS?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
50. Are you often out of stock of IV fluids?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
51. Are you often out of stock of HIV tested blood for transfusions ?		1=Never, 2=Sometimes, 3=Often, 4=All the time, 8=N/A, 9=Missing
Budget year 2000		
52. Total yearly income of facility		Number (Tshillings) Indicate if not available.
53. Source of income		List briefly with amount for each. Indicate if not available.
54. Total expenses of facility		Number (Tshillings) Indicate if not available.
55. Type of expenses		List briefly with amount for each Indicate if not available.

Human Resource Management		
56. Do you have regular internal training of employees?		Yes=1, No=2, Not our job=3, Not Applicable=4, Don't know=5
57. Do you facilitate continuing education at other institutions for your employees?		Yes=1, No=2, Not our job=3, Not Applicable=4, Don't know=5
58. How would you describe the Human Resource management capabilities of the leaders in your facility?		1=Unskilled, 2= Unskilled but motivated, 3= Skilled but not motivated, 4 = Skilled and motivated, 5= Not Applicable, 6=Don't know
59. How would you describe the administrative management capabilities of the department leaders in your facility?		1=Unskilled, 2= Unskilled but motivated, 3= Skilled but not motivated, 4 = Skilled and motivated 5= Not Applicable, 6=Don't know
60. How would you describe the clinical management capabilities of the doctors in your facility?		1=Unskilled, 2= Unskilled but motivated, 3= Skilled but not motivated, 4 = Skilled and motivated 5= Not Applicable, 6=Don't know
61. How would you describe the clinical management capabilities of the nurses in your facility?		1=Unskilled, 2= Unskilled but motivated, 3= Skilled but not motivated, 4 = Skilled and motivated 5= Not Applicable, 6=Don't know
62. How would you describe the clinical management capabilities of the maternal delivery personnel in your facility?		1=Unskilled, 2= Unskilled but motivated, 3= Skilled but not motivated, 4 = Skilled and motivated 5= Not Applicable, 6=Don't know
63. Do you have institutionalised mechanisms promoting motivation among your employees?		Yes=1, No=2, Not our job=3, Not Applicable=4, Don't know=5
64. If yes, please describe		String

65. Do you have institutionalized mechanisms for improving clinical quality of care?			Yes=1, No=2, Not our job=3, Not Applicable=4, Don't know=5
66. If yes, please describe			String
67. How would you describe the general level of trust and popularity of your facility among the catchment area population?		Please be as objective as possible	1=Trusted less than other facilities in the area, 2=Trusted about the same as other facilities in the area, 3=Trusted more than other facilities in the area, 4=Don't know, 5=Missing, 6=N/A
68. How do you explain your answer in the above question?			String.
69. In your opinion, what would be the two main reason for patients to choose your facility before other facilities in the area?			String
70. In your opinion, what would be the two main reasons for patients not to choose your facility before other facilities in the area?			String

Form FN-3: ACTIVITY

Question	Fill in Excel Spreadsheet	Variable
General Workload		
71. OPD Total		Number, Missing?
72. OPD top 10	Table	

86. Smear positive		Number, NA at facility
87. Treatment failure after 7 months (for 1 year)		Number, NA at facility
88. Defaulters		Number, NA at facility
89. Transferred		Number, NA at facility
90. Died		Number, NA at facility
91. Completed (No control sputum)		Number, NA at facility
Malaria		
92. Cases		Number, NA at facility
93. Availability of Quinine iv. (Never, Seldom available, Mostly available, Always available)		N= 1, SA=2, MA=3, AA=4, N/A=8, Missing=9
94. Availability of (SP) Fansidar TM. (Never, Seldom available, Mostly available, Always available)		N= 1, SA=2, MA=3, AA=4, N/A=8, Missing=9
95. Total deaths from Malaria		Number, NA at facility
96. Blood Slide Positive		Number, NA at facility
Specific number of other cases		
97. Acute Respiratory Infections		Number, NA at facility
98. Diarrhoea		Number, NA at facility
99. Malnutrition		Number, NA at facility
100. HIV		Number, NA at facility
101. STD		Number, NA at facility
102. Mental Health		Number, NA at facility
103. Injuries		Number, NA at facility
104. Cardiovascular diseases		Number, NA at facility
105. Diabetes		Number, NA at facility
106. Anaemia		Number, NA at facility

General Inventory Checklist	Present? Y=1, N=2, 8=N/A, 9=Missing	Functioning? Y=1, N=2, Poorly=3, 8=N/A, 9=Missing	Previously present? Y=1, N=2, 8=N/A, 9=Missing
Growth monitoring procedures			
Resuscitation equipment			
DPT Vaccines			

Measles Vaccines			
Polio Vaccines			
Immunization procedures			
Cold Chain maintenance procedures			
Delivery kit			
Oxytocin			
Sutures			
Delivery bed			
Partographic forms			
Contraceptives			
Anticeptives			
Anticonvulsants			
Vacuum extraction			
Co-Trimoxazole			
Amoxycillin			
Ampicillin			
Penicillin i.v.			
Chloramphenicol			
Ciprofloxacin			
Tetracycline			
Doxycycline			
ORS			
Vitamin A			
Folic Acid			
Iodine			
Zinc			
Iron			
Foetal Scope			
Manual Vacuum Aspiration			
TB Contact tracing			
Availability of drugs			
TB Registers kept			
Fansidar			
Quinine			
Treatment procedures for antimalaria			

resistant cases?			
Insecticide treated bed nets			
Syndromic Management of STD's			
Home Based Care for AIDS patients			
STD Screening capacity			
Psychiatric diagnostic instruments			
Amitriptyline			
Diazepam			
Phenobarbitone			
Chlorpromazin			
Psychiatric Beds available			
First Aid Kits			
Suture			
Dressings			
Pain Relief Medicine			
IV treatment			
Reduction and Immobilization of fractures procedures			
Burns Treatment			
Blood Pressure Control (Hypertension control)			
Severe Hypertension Treatment Procedures			
Emergency Diabetic Treatment Procedures			
Emergency Cardiac Treatment Procedures			
Oral Antidiabetic Treatment Medication			

Which facilities are delivering mothers mostly referred from ?	Table
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107.	Total deliveries during 12 month period	Number, 88888 = N/A, 99999 = Missing
108.	Normal deliveries during 12 month period	Number, 88888=N/A, 99999=Missing
109.	Abortions during 12 month period	Number, 88888=N/A, 99999=Missing
110.	Cesarean Sections during 12 month period	Number, 88888=N/A, 99999=Missing

Emergency Obstetric Care Unit Assessment Checklist

Check Yes or No for each of the following items (a-h)		
Were the following services performed at least once during the last 3 months?	Yes	No
a. Parenteral antibiotics		
b. Parenteral oxytocics		
c. Parenteral sedatives / anticonvulsants		
d. Manual removal of placenta		
e. Removal of retained products		
f. Assisted vaginal delivery		
g. Blood transfusion		
h. Caesarean section		

111.	This facility is one of the following: (Insert one number)	1=C 2=B 3=N 8=N/A 9=Missing
112.	In your informed opinion (interviewer), from talking to staff, seeing the record system, etc., what proportion of the complications treated in this facility is recorded as complications or deaths? None, Some, Most, All	1=None 2=Some 3=Most 4=All 8=N/A 9=Missing
113.	What sources of data were used to complete this form? (Maternity ward register, delivery book, general admissions register, MCH3, MCH6, MTUHA, etc.)	List briefly

Planning and Evaluation procedures		
114.	Does your facility have regular work plans ? (Daily, Weekly, Quarterly, Annual)	Yes, No, Please describe
115.	Does your facility produce regular activity targets? (Daily, Weekly, Quarterly, Annual)	Yes, No, Please Describe
116.	Does your facility conduct regular evaluations ? (Daily, Weekly, Quarterly, Annual)	Yes, No, Please Describe
117.	Does your facility regularly audit your financial accounts, and if yes by who?	Yes / No, Please indicate auditor.
118.	Are the MTUHA books number 12, 2 and 10 present?	Yes / No, Comment.
119.	Have the MTUHA books number 12, 2 and 10 been completed for the year 2000?	Yes / No, Comment
120.	Does the financial institution have financial data available for the year 2000?	Yes / No, Comment
121.	Is the institution willing to release the financial information for the year 2000?	Yes / No, Comment

END OF QUESTIONNAIRE

Quantitative questionnaire to selected Districts.

As mentioned in the introductory letter this questionnaire is not anonymous. The information asked for is district specific, and can therefore be related back to each district. The questions do not however relate to anyone's opinion, but to facts and figures related to health services in your district.

The main objective of the questionnaire is to crudely estimate process indicators related to Safe Motherhood, Immunization, TB and Malaria. Process indicators are found to be useful proxies for estimating the level of health provision as well as some specific health outcomes such as Maternal Mortality.

In addition the questionnaire aims at providing a crude overview of the available resources in each district towards the provision of health care. This will be related to the process indicators mentioned above.

Finally, because the Health Sector Reforms are increasingly implemented in all districts, the questionnaire aims at providing a rough picture of its implementation so far, and uses the distribution of the Basket Funds as an indicator towards this end. It is important to assess how the funds are being allocated in order to create a baseline towards future possible benefits of the fund.

The questionnaire asks for numbers from the year 2000. If these are not available however, please provide the numbers for the latest year available, and indicate the year.

Again the investigators are deeply grateful for your participation in this project, apologize for any inconvenience caused, and hope you will find it worth the investment.

Yours Sincerely

Dr. Øystein Evjen Olsen
Principal Investigator
CEDHA / CIH
Arusha

Vaccinations (totals for the whole district) (in the year 2000 or the latest available year)	Number (please indicate which year, and if not available) N/A = Information not available
1. Number of children vaccinated against DPT1 (the first DPT injection) in 2000 (or latest year available)	
2. Number of children vaccinated against DPT3 (the third DPT injection) in 2000 (or latest year available)	
3. Number of children vaccinated against Measles in year 2000 (or latest year available)	
Tuberculosis (totals for the whole district) (in the year 2000 or the latest available year)	
4. Total smears (Quarterly / yearly)	
5. Smear positive	
6. Treatment failure after 7 months (for 1 year)	
7. Defaulters	
8. Transferred	
9. Died	
10. Completed (No control sputum)	
Malaria (totals for the whole district) (in the year 2000 or the latest available year)	
11. Cases	
12. Total deaths from Malaria	
13. Blood Slide Positive	
14. Availability of Quinine Intravenous Circle the following	1=Seldom available, 2=Mostly available, 3=Always available
15. Availability of Fansidar Circle the following	1=Seldom available, 2=Mostly available, 3=Always available
Safe Motherhood (totals for the whole district) (in the year 2000 or the latest available year)	
16. Total deliveries	
17. Normal deliveries	
18. Abortions	
19. Caesarian Sections	
20. Home deliveries /TBA assisted	

Resources (totals for the whole district) (in the year 2000 or the latest available year)		
	Type	Number (please indicate which year)
Health Workers		
	Medical Doctors (including specialists)	
	Assistant Medical Officers	
	Clinical Officers	
	Midwives	
	Nurses Officers (including grade A, grade B and Diploma)	
	Nurse Assistants	
	MCH aides	

Financial Resources		
• Total yearly health sector income of district (Tanzanian Shillings)		
• Total yearly health sector expenses of district (Tanzanian Shillings)		
• Sources of income	List with percentage contribution	
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• Main expenses	List with percentages	
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•		

Basket Fund distribution	
From what year did your district become involved in the Health Sector Reform programme?	
For your district, what is the actual distribution of the basket funds towards the different levels of health services and voluntary agencies?	Fill out table

Name of District: _____

Year of distribution: _____

Population: _____

Percentage of funds
to voluntary agencies: _____

to government facilities: _____

Level of service	Allocated funds in Tanzanian Shillings
CHMT / CHB	
Hospital	
Urban Health Centre	
Rural Health Centre	
Dispensary	
Community Initiatives	
Un allocated	

Health Facilities visited – by District

Number	District	Facility
	Moshi Urban	
1.		Mawenzi Regional Hospital
2.		KCMC
3.		Majengo HC
4.		Pasua HC
5.		Siima Hospital
6.		Maryland HC
7.		El-Alhisaa HC
8.		First Health Hospital
9.		Magereza D
	Arusha Urban	
10.		Mt. Meru Regional Hospital
11.		AICC Hospital
12.		St. Elizabeth Hospital
13.		Ithn Aasher Hospital
14.		Old Arusha Clinic
15.		Arusha Hospital for Women
16.		Soweto HC
17.		Ngarenaro HC
18.		Mkonoo HC
19.		Kijenge D
20.		Marie Stopes HC
	Arumeru Rural	
21.		Selian Hospital
22.		Nkoaranga Hospital
23.		Arumeru Hospital
24.		Mbuguni HC
25.		Mbuyuni D
26.		Maji ya Chai D
27.		Burka D
28.		Kingori D
29.		Kisongo D
30.		Musa D
31.		Nduruma D
32.		Ngurdoto D
33.		Kiserian D
34.		Ngarenanyuki Govt. D
35.		Ngarenanyuki D
36.		Nkoanrua D
37.		Olmotonyi D
38.		Oi Donyo Sambu D
39.		PAG Juakal D
40.		Temu ya Simba D

D = Dispensary
HC = Health Centre

41.		USA River Govt D
42.		USA River RC D
43.		Bangata D
44.		Karangai D
45.		Leguruki D
46.		Mareu D
47.		Tanzania Adventist College D
48.		SDA Kisongo D
49.		Tumaini D
	Hai Rural	
50.		Bomangombe D
51.		Forest D
52.		Hai District Hospital
53.		KIA D
54.		Kisiki RHC
55.		Kawaya D
56.		Karansi D
57.		Kware D
58.		Kyeeri D
59.		Lambo D
60.		Lemira HC
61.		Levishi D
62.		Londrosi D
63.		Losaa D
64.		Lukani D
65.		Lyamungu Govt D
66.		Lyamungu Lutheran D
67.		Longoi D
68.		Machame Hospital
69.		Magadini D
70.		Mailisita D
71.		Masama RC HC
72.		Masama Lutheran D
73.		Naibili D
74.		Makiwaru D
75.		Narumu RC D
76.		Narumu Govt. D
77.		Ngarenairobi D
78.		Nguni D
79.		Nkwasira HC
80.		Nkweshoo D
81.		Nronga D
82.		Rundugai D
83.		Sanya Juu RC D
84.		Sanya Juu Lutheran D
85.		Sanya Station D
86.		Saawe D
87.		Upendo D
88.		Uroki D

89.		Uswaa D
90.		Weruweru D
91.		Mashua D
92.		Mungushi D
93.		COGI Magadini D
	Mbulu Rural	
94.		Mbulu Hospital
95.		Haydom Hospital
96.		Dongobesh HC
97.		Tlawi HC
98.		Kainam HC
99.		Endagichan HC
100.		Muray D
101.		Kainam D
102.		Titiwi MCHC
103.		Daudi D
104.		Gunyoda D
105.		Masieda D
106.		Masqaroda D
107.		Dirim D
108.		Bashay D
109.		Tumati D
110.		Maretadu D
111.		Maghang D
112.		Hayderer D
113.		Mewadan D
	Hanang Rural	
114.		Balangda Lalu HC
115.		Bassodesh D
116.		Bassotu Plantation D
117.		Bassotu D
118.		CMSC D
119.		Dawar D
120.		Gendabi HC
121.		Gidagamowd D
122.		Gitting D
123.		Katesh HC
124.		Mulbadaw D
125.		Murjanda D
126.		Nangwa D
127.		Masakta D
128.		Setchet D
129.		Endasak D

