# Supplement 2. MOH and Ethiopia Data Use Partnership Project

Population-based (HH) survey Household, Women and Child Questionnaire

CONSENT				
	vill be asked for eligible households which are selected l defined as a household with woman with live birth in la hths.			,
	Note for data collector: Ask head of household if yo within the last 12-23 months.	u can speak with i	the woman who h	as given birth
	Hello. My name isFromresponsibility women and children health services. We would ver Your household is selected randomly for this study. I improve health services. I will ask some questions interview certain household members to talk about health services. There are no risks involved in particip will be kept strictly confidential and will not be show 40 minutes for completing. Participation in this survey Do you want to ask me anything about the survey?	ry much apprecia The information co about household nealth and about it ating in the study.	te your participat ollected here todo I members, and t ssues related to m Whatever informa	ion in this survey.  by will be used to then I will ask to the atternal and child attention you provide
НН_01	May I begin the interview?	1. Yes □	0. No 🗆	If "No" proceed to end.

Household and Member Information					
НН_01	Date of interview (today's date)				
HH_02	Interviewer's name				
HH_03	Please select region	Addis Ababa Afar Amhara Beneshangul Gumuz Dire Dawa Gambella Harari Oromiya			

	CNINIDD	
	Somali	
	Tigray	
Select Zone/Sub-city		
Woreda		
Enter Kebele name(code)		
House number		
Tioose Horrisel		
Name of household head		
Household ownership	1. Own	
	96. Others	
If other, please specify		
Main material of the floor	Natural floor; earth/sand	
	2. Dung	
	3. Finished floor; cement/bricks	
	96. Others	
If other, please specify		
Main material of the roof	1. Natural roofing	
Record observation	2. Thatch/leaf	
ROCOID ODSGIVATION	3. Finished roofing	
	4. Corrugated iron	
	96. Others	
If other, please specify		
	Woreda  Enter Kebele name(code)  House number  Name of household head  Household ownership  If other, please specify  Main material of the floor  If other, please specify  Main material of the roof  Record observation	Select Zone/Sub-city  Woreda  Enter Kebele name(code)  House number  Name of household head  Household ownership  1. Own 2. Rental 96. Others  If other, please specify  Main material of the floor  I. Natural floor; earth/sand 2. Dung 3. Finished floor; cement/bricks 96. Others  If other, please specify  Main material of the roof Record observation  1. Natural roofing 2. Thatch/leaf 3. Finished roofing 4. Corrugated iron 96. Others

HH_12	What is the main source of drinking water for	1. Piped water	
<u>_</u>	members of your household?	2. Open well	
		3. Covered well/borehole	
		4. Spring	
		5. River/stream	
		96. Other	
		76. 31161	
HH_12o	If other, please specify		
HH_13	What kind of toilet facility do members of your	0. No facility/bush/field	
	household usually use?	1. Flush toilet	
		2. Traditional pit toilet	
		3. Ventilated improved pit (VIP)	
		Latrine	
		96. Other	
HH_13o	If other, please specify		
HH_14	Does your household have the following?	1. Yes 0. No	
A	Electricity	1. Yes 2. No	
В	Radio	1. Yes 2. No	
С	Television	1. Yes 2. No	
D	Landline telephone	1. Yes 2. No	
E	Cell phone	1. Yes 2. No	
F	Refrigerator	1. Yes 2. No	
HH_15	Does any member of this household own land that	0. No	
	can be used for agriculture?	1. Yes	
HH_16	Does any member of this household have an	0. No	
_	account with a bank/credit association/micro	1. Yes	
	finance?		
HH_17	How many family members live in this household?		
HH_18	You stated there is a child in your household who is	0. No	If No
_	between 12-23 months of age (1-2 years old). Is that correct?	1. Yes	End

HH_19	What is this child's name?		
HH_20	Are you the mother for {child name}?  If "No" ask to speak to the mother of the child.	Yes	If "yes" skip to HH_22
HH_21	Are you the primary caregiver for (child name), e.g., you care for the child and take them to clinic when sick?  If "No" ask to speak to caregiver.	Yes	
HH_22	Enter child's date of birth:		
HH_23	Enter child's age (in months):  If child is below 12 months or above 23 months skip to end of survey.		
HH_24	Enter sex of child:	1. Male 2. Female	

Mother/Car	regiver Background	
HH_25	How long have you been living continuously in this Kebele?	Years
HH_26	How old were you at your last birthday?	AGE IN COMPLETED YEARS:/
HH_27	What is your current marital status?	<ol> <li>Married/ living together</li> <li>Single</li> <li>Divorced / separated</li> <li>Widowed</li> </ol>
HH_28	Have you ever attended school?	0. No 1. Yes
HH_29	What is your educational level?	<ol> <li>Elementary(1-8) /read and write</li> <li>Secondary(8-10/12)</li> <li>Tech./voc. level</li> <li>Higher level</li> </ol>
HH_30	What is the educational level your partner/husband?	<ul><li>0. No education</li><li>1. Elementary(1-8) /read and write</li><li>2. Secondary(8-10/12)</li><li>3. Tech./voc. Level</li><li>4. Higher level</li></ul>

HH_33o	If other, please specify	Other96
		Too young to work12
		Retired11
		Student10
		Attends to home chores9
		Contributing family workers8
		Unemployed7
		Petty trade6
		Self-employed/run own business5
		Agriculture - own farm4
		Agriculture - works on other farm than own
	occupation?	Government employee/civil service2
HH_33	What is your partner/husband	Employed in private sector
	What is your partner/husband	
HH_32o	If other, please specify	
		Other96
		Too young to work12
		Retired11
		Student10
		Attends to home chores9
		Contributing family workers8
		Unemployed7
		Petty trade6
		Self-employed/run own business5
		Agriculture - own farm4
		own3
		Agriculture - works on other farm than
1111_32	of work do you mainly do?	Government employee/civil service2
HH_32	What is your occupation, that is, what kind	Employed in private sector
HH_31o	If other, please specify	
		96. Other
		5. Traditional
		<ul><li>3. Protestant</li><li>4. Muslim</li></ul>
		2. Catholic
HH_31	What is your religion?	1. Orthodox

Pregnancy	Pregnancy, Delivery and Postpartum Care Experience					
Now I would like to ask you some questions about the time before, during, and after delivery.						
M_01	At the time you became pregnant with (NAME), was the pregnancy, wanted, mistimed or unwanted?	<ol> <li>Wanted</li> <li>Wanted but mistimed</li> <li>Unwanted</li> </ol>				
		ntenatal care				
M_02	When you were pregnant with (BABY'S NAME), did you attend antenatal care?	0. No 1. Yes	If Yes to M_04			
M_03	Why did you not attend antenatal care during this pregnancy?  Probe and record all reasons mentioned	Respondent didn't think necessary1         Husband/family didn't think necessary				
M_03o	If other, please specify					
M_04	How many times in total did you receive antenatal care during this pregnancy?					
	(Enter 98 if unknown)					

M_05	where did you receive antenatal care for this pregnancy?	<ol> <li>Home</li> <li>Gvt. Hospital</li> <li>Gvt. Health center</li> <li>Gvt. Health post</li> <li>Private clinic</li> <li>Other</li> </ol>				
M_05o	If other, please specify					
M_06	How many months pregnant were you when you went for your first antenatal care visit?					
	(Enter 98 if unknown)					
M_07	Whom did you see on your first visit?		Doctor Health office Nurse/midw Health exter Other(specif Don't know	ife nsion worker	s	
M_08	How many months pregnant were you when you last received antenatal care for this pregnancy?					
	(Enter 98 if unknown)					
M_09	Whom did you see on your last visit?	1. 2. 3. 4.	Doctor Health office Nurse/midw Health exter Other(specif	ife nsion worker	s	
M_090	If other, please specify					
	L se you to think about ALL of your visits when you these visits, did the staff	were	e pregnant w	ith (BABY'S 1	NAME).	
			No(0)	Yes(1)	DN(98)	
M_10	Measure blood pressure					
M_11	Measure weight					
M_12	Take a blood sample?					

M_13	Take a urine sample?		
M_14	Give you a TT (tetanus) immunization?		
M_15	Give you information or advice about diet and nutrition during pregnancy?		
M_16	Tell your expected due date?		
M_17	Give you an update on how the baby is growing?		
M_18	Discuss the importance of planning or preparing for delivery?		
M_19	Advise you to give birth in a health facility?		
M_20	Inform you of danger signs during pregnancy?		
M_21	I don't want to know the results, but were you tested for the AIDS virus as part of your antenatal care?		
M_22	I don't want to know the results, but did you get the results of the test?		
M_23	During this pregnancy, were you given or did you buy any iron tablets or iron syrup?  Note: SHOW sample of TABLETS/SYRUP for the mother	0. No 1. Yes 98. Don't know	
M_24	During the whole pregnancy, for approximately how many days did you take the tablets or syrup?		
	Delivery ca	re	
M_25	How many months of gestation were you when (child's NAME) was born?		
	(Enter 98 if unknown)		
M_26	Was the birth weight of (BABY'S NAME) recorded?	0. No 1. Yes 98. Don't know	

M_27	Who assisted with the delivery of (BABY'S NAME)?  Anyone else?	1. Doctor 2. Health officer 3. Nurse/midwife 4. TBA 5. Health extension worker 6. Relative/friend 96. Others (specify) 98. Don't know/can't remember
M_27o	If other, please specify	
M_28	Where did you delivered (BABY'S NAME)?	Delivered at a health facility     Delivered at home or in community
	NOTE: if delivery occurred on the way to the health facility, consider as "delivered at home or in community".	
M_29	Why did you deliver at home/community?	Respondent didn't think
	Probe for the reasons and record all mentioned.	necessary  1. Husband/family didn't think necessary  2. Facility too far  3. No transport  4. No childcare  5. Too expensive  6. Services are poor  7. Used home remedy  8. Did not know where to go  9. No time to go  10. Did not have any money  96. Other  98. Don't know
M_290	If other, please specify	
M_30	Was (NAME) delivered by caesarean, that is, did they cut your belly open to take the baby out?	0. No 1. Yes
M_31	What type of transport did you mainly use to get to the facility?  RECORD ONE RESPONSE ONLY.	1. Car 2. Motorbike 3. Public bus 4. Cart 5. Ambulance 6. On foot 96. Other  98. Don't know
M_31o	If other, please specify	
M_32	Is there any payment for your delivery at health facility?	O. No, it is free  1. Yes, there was payment

M_33			Amount	Don't know(98)	
		Transport cost			1
		To purchase supplies			
	Expenses for delivery care at	Payment for service			
	health facility	Payment for laboratory			
		Bed stay			
		Others			
		Total			
M_34		he total amount you paid fo kpensive, an appropriate nsive?	1. Expensive 2. Appropric 3. Inexpensive	ate	
		Postnatal c	heck up		
M_35		e) was born, did skilled ok on yours and your	0. No 1. Yes 98.Don't know		
	Tell the respondent skilled health worke	about the meaning of ers			
M_36	If 'YES', How long a check take place?	fter delivery did the first	1. In first 1-2 hours 2. Within first 24 h 3. Within 72 hours	ours of delivery	
	If less than one day one week, record o	, record hours. If less than lays	<ul><li>4. Within one wee</li><li>5. In 1-2 weeks</li><li>6. Within 2-4 wee</li><li>7. More than 1 m delivery</li><li>8. Never checked</li></ul>	ek of delivery ks onth after	
			98. Don't know		
M_37	Where did this first o	heck take place?	1. Home 2. Gvt. Hospital 3. Gvt. Health of 4. Gvt. Health point 5. Private clinic Other (specify)	center post	
M_37o	If other, please spec	cify			
	1				

M_38	Have you faced any complication related to this pregnancy and delivery?	No complication     Had a complication
M_39	What complications did you experience?	<ol> <li>Bleeding</li> <li>Swelling of body</li> <li>Convulsion</li> <li>Prolonged labor</li> <li>Fever (sepsis)</li> <li>Leakage of urine or stool (fistula)</li> <li>Others</li> </ol>
M_390	If other, please specify	
M_40	Did you seek any assistance for this problem?	0. No 1. Yes
M_41	IF YES: Which facility did you go to first?	1. Gvt. Hospital 2. Gvt. Health center 3. Gvt. Health post 4. Private clinic 96 Other
M_410	If other, please specify	
M_42	What kind of transport did you mainly use to get to the facility?  Record one response only.	<ol> <li>Car</li> <li>Motorbike</li> <li>Public bus</li> <li>Cart</li> <li>Ambulance</li> <li>On foot</li> <li>Other</li> </ol>
M-420	If other, please specify	

CHILD IMMI	CHILD IMMUNIZATION CARD					
	The following questions related to child health and immunization. Eligible participants are women/caregivers with children between the ages or 12-23 months. Prior to beginning this section, a respondent to fetch the child's immunization card, if available.					
	Now I will ask you questions regarding vaccin	nation practices and the health of your child.				
IMM_01	Do you have a card where the child's	Yes, card/notebook available1	If "No card"			
	vaccinations are written down? This could be their {name of card in Ethiopia} or a notebook with your child's vaccinations written on it.	Yes, but card/notebook not available2  No card/ notebook0	or "card not unavailable" skip to IMM_03			
IMM_02	What is the vaccination source document presented?  (Do not read aloud, observe which document is presented)	Children's Clinic Card				
IMM_02o	If other, please specify					
IMM_03	Why don't you have the vaccination card?	Misplaced/lost card1				

		Destroyed card2	
		Never received card3	
		Card in home, but inaccessible (i.e. locked away)4	
		Card not available or outside of home5	
		Card kept at health facility6	
		Other96	
IMM_03o	If other, please specify		
IMM_04	Has {childname} ever received any vaccinations, drops, or injections in the past?	Yes	If no card available to IMM_01 and "No" or "don't know" to IMM_04 skip to end
note	Ask respondent for the vaccination card or exit. Take a photo of the Immunization Record p where all vaccinations are recorded.	· · · · · · · · · · · · · · · · · · ·	
IMM_05	Take photo of vaccination card		
BCG VACCI	NE		
IMM_06	According to the vaccination card/exercise book did the child receive the BCG vaccine?  (Enumerator do not read aloud, refer to	Yes	If "No" skip to IMM_08
	card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_07	Is there a date written for BCG vaccination on the card/book?	Yes	If "No" skip to IMM_08
IMM_07a	Enter date from vaccination card/book for BCG vaccine:		
80_MMI	Has {childname} ever received an injection in the left forearm that usually causes a scar?	Yes	
IMM_09	If the child is present, check for evidence of	Scar present1	
	a scar and record:	No scar present2	
	a scar and record: (Look at child's left forearm)	No scar present2 Child not available to check3	
OPV (POLIO)	(Look at child's left forearm)	·	
OPV (POLIO)	(Look at child's left forearm)	·	If "No" skip to IMM_12

	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_11	Is there a date written for OPV 0 vaccination on the card/book?	Yes	If "No" skip to IMM_12
IMM_11a	Enter date from vaccination card/book for OPV 0:		
IMM_12	According to the vaccination card/exercise book, did the child receive a vaccination for OPV 1?	Yes	If "No" skip to IMM_14
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_13	Is there a date written for OPV 1 vaccination on the card/book?	Yes	If "No" skip to IMM_14
IMM_13a	Enter date from vaccination card/book for OPV 1:		
IMM_14	According to the vaccination card/exercise book, did the child receive a vaccination for OPV 2?	Yes	If "No" skip to IMM_16
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_15	Is there a date written for OPV 2 vaccination on the card/book?	Yes	If "No" skip to IMM_16
IMM_15a	Enter date from vaccination card/book for OPV 2:		
IMM_16	According to the vaccination card/exercise book, did the child receive a vaccination for OPV 3?	Yes	If "No" skip to IMM_18
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_17	Is there a date written for OPV 3 vaccination on the card/book?	Yes	If "No" skip to IMM_18
IMM_17a	Enter date from vaccination card/book for OPV 3:		
IMM_18	According to the vaccination card/exercise book, did the child receive a vaccination for OPV 4?	Yes	If "No" skip to IMM_20
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		Relevant if IMM_10 is "no".

Is there a date written for OPV 4 vaccination on the card/book?	Yes	If "No" skip to IMM_20
Enter date from vaccination card/book for OPV 4:		
Has {childname} ever received oral polio drops in the mouth?	Yes	If "No" or "don't know" skip to IMM_24
Was the first Polio vaccine given to the child within two weeks of birth?	Yes	
How many times in total did {childname} receive the Polio vaccine at the health facility or as part of their normal schedule of vaccines?	Zero	
How many times was the Polio vaccine given during a large campaign, usually involving a large group of children where the child's finger is painted after receiving the vaccine?	Zero       .0         One       .1         Two       .2         Three       .3         Four       .4         More than four       .5         Don't know       .98	
lib VACCINE (Pentavalent Vaccine)		
According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)	Yes	If "No" skip to IMM_26
Is there a date written for DPT-HepB-Hib1 vaccination on the card/book?	Yes	If "No" skip to IMM_26
Enter date from vaccination card/book for DPT-HepB-Hib1:		
According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib2?	Yes	If "No" skip to IMM_28
	Enter date from vaccination card/book for OPV 4:  Has {childname} ever received oral polio drops in the mouth?  Was the first Polio vaccine given to the child within two weeks of birth?  How many times in total did {childname} receive the Polio vaccine at the health facility or as part of their normal schedule of vaccines?  How many times was the Polio vaccine given during a large campaign, usually involving a large group of children where the child's finger is painted after receiving the vaccine?  According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)  Is there a date written for DPT-HepB-Hib1 vaccination on the card/book?  Enter date from vaccination card/book for DPT-HepB-Hib1:  According to the vaccination card/exercise book, did the child receive a vaccination for	Enter date from vaccination card/book for OPV 4:  Has {Childname} ever received oral polio drops in the mouth?  Was the first Polio vaccine given to the child within two weeks of birth?  How many times in total did {Childname} receive the Polio vaccine at the health facility or as part of their normal schedule of vaccines?  How many times was the Polio vaccine given to the receiving the vaccine group of children where the child's finger is painted after receiving the vaccine?  How many times was the Polio vaccine given during a large campoign, usually involving a large group of children where the child's finger is painted after receiving the vaccine?  According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by dafe, fick, etc.)  Is there a date written for DPT-HepB-Hib1 vaccination on the card/book?  Enter date from vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1:  According to the vaccination card/book for DPT-HepB-Hib1 receive a vaccination for DPT-HepB-Hib1:  According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1:  According to the vaccination card/exercise book, did the child receive a vaccination for DPT-HepB-Hib1 receive a vaccination for PPT-HepB-Hib1 receive a

IMM_27a Ente DPT- IMM_28 Acc boo DPT- (Enu card india	nere a date written for DPT-HepB-Hib2 ccination on the card/book?  er date from vaccination card/book for T-HepB-Hib2:  cording to the vaccination card/exercise bk, did the child receive a vaccination for T-HepB-Hib3?  umerator do not read aloud, refer to ad; receipt of vaccination can be icated by date, tick, etc.)  nere a date written for DPT-HepB-Hib3 ccination on the card/book?	Yes	If "No" skip to IMM_28  If "No" skip to IMM_30
IMM_28 Acc boo DPT- (Enu card indic	G-HepB-Hib2: cording to the vaccination card/exercise bk, did the child receive a vaccination for G-HepB-Hib3? umerator do not read aloud, refer to a receipt of vaccination can be icated by date, tick, etc.) here a date written for DPT-HepB-Hib3 accination on the card/book?	No0	· ·
boo DPT- (Enu care india	ok, did the child receive a vaccination for I-HepB-Hib3?  umerator do not read aloud, refer to a receipt of vaccination can be icated by date, tick, etc.)  nere a date written for DPT-HepB-Hib3 accination on the card/book?	No0	· ·
card indid	d; receipt of vaccination can be icated by date, tick, etc.) here a date written for DPT-HepB-Hib3 ccination on the card/book?	Yes1	
IMM 29 Is the	ccination on the card/book?	Yes1	
_		No0	If "No" skip to IMM_30
_	er date from vaccination card/book for -HepB-Hib3:		
on t	s {childname} ever received an injection the left upper outer thigh? orm caregiver this is the DPT or Penta ccination.	Yes	If "No" or "Don't know" skip to IMM_32
	w many times has the DPT or Penta ction on the left upper outer thigh been en?	One	
PCV (PNEUMOCO	OCCAL VACCINE)		
boo PCV (Enu card	cording to the vaccination card/exercise bk, did the child receive a vaccination for V1?  umerator do not read aloud, refer to differ to receipt of vaccination can be dicated by date, tick, etc.)	Yes	If "No" skip to IMM_34
_	nere a date written for PCV1 vaccination the card/book?	Yes	If "No" skip to IMM_34
IMM_33a Ente	er date from vaccination card/book for V1:		
boo PCV (Enu card	cording to the vaccination card/exercise bk, did the child receive a vaccination for V2?  umerator do not read aloud, refer to did; receipt of vaccination can be dicated by date, tick, etc.)	Yes	If "No" skip to IMM_36

IMM_35	Is there a date written for PCV2 vaccination on the card/book?	Yes	If "No" skip to IMM_36
IMM_35a	Enter date from vaccination card/book for PCV2:		
IMM_36	According to the vaccination card/exercise book, did the child receive a vaccination for PCV3?	Yes	If "No" skip to IMM_38
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_37	Is there a date written for PCV3 vaccination on the card/book?	Yes	If "No" skip to IMM_38
IMM_37a	Enter date from vaccination card/book for PCV3:		
IMM_38	Has {childname} ever received an injection on the right upper outer thigh?  Inform the caregiver this is known as the PCV or Pneumo vaccine	Yes	If "No" or "Don't know" skip to IMM_40
IMM_39	How many times has the PCV injection on the right upper outer thigh been given?	One	
MEASLES/M	EASLES RUBELLA (MR)		
IMM_40	According to the vaccination card/exercise book, did the child receive a vaccination for Measles or MR 1?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)	Yes	If "No" skip to IMM_42
IMM_41	Is there a date written for Measles/MR 1 vaccination on the card/book?	Yes	If "No" skip to IMM_42
IMM_41a	Enter date from vaccination card/book for Measles/MR 1:		
IMM_42	According to the vaccination card/exercise book, did the child receive a vaccination for Measles or MR 2?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)	Yes	If "No" skip to IMM_44
IMM_43	Is there a date written for Measles/MR 2 vaccination on the card/book?	Yes	If "No" skip to IMM_44

IMM_43a	Enter date from vaccination card/book for		
	Measles/MR 2:		
IMM_44	Has {childname} ever received an injection on the left upper arm?  Inform caregiver this is the measles vaccine.	Yes	If "No" or "Don't know" skip to IMM_47
IMM_45	How many times has the measles injection on the left upper arm been given?	One	
IMM_46	How many times was the measles injection given during a large campaign, normally involving a large group of children up to 5 years of age?	Zero       .0         One       .1         Two       .2         More than two times       .3         Don't know       .98	
ROTAVIRUS	VACCINE		
IMM_47	According to the vaccination card/exercise book, did the child receive a vaccination for Rota vaccine 1?	Yes	If "No" skip to IMM_49
	(Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)		
IMM_48	Is there a date written for Rota vaccine 1 vaccination on the card/book?	Yes	If "No" skip to IMM_49
IMM_48a	Enter date from vaccination card/book for Rota vaccine 1:		
IMM_49	According to the vaccination card/exercise book, did the child receive a vaccination for Rota vaccine 2?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)	Yes	If "No" skip to IMM_51
IMM_50	Is there a date written for Rota vaccine 2 vaccination on the card/book?	Yes	If "No" skip to IMM_51
IMM_50a	Enter date from vaccination card/book for Rota vaccine 2:		
IMM_51	Has {childname} ever been administered a vaccination orally (in mouth) using a syringe to prevent diarrhea?  Inform caregiver this is the Rotavirus vaccine.	Yes	If "No" or "Don't know" skip to IMM_53
IMM_52	How many times has {childname} received the Rotavirus vaccination in the mouth?	One	

		More than two	
VITAMIN A			
IMM_53	According to the vaccination card or exercise book, did the child receive vitamin A?  (Enumerator do not read aloud, refer to card; receipt of vaccination can be indicated by date, tick, etc.)  SHOW COMMON TYPES OF MPULES/CAPSULES/SYRUPS	Yes	If "No" skip to IMM_56
IMM_54	Is there a date written for vitamin A on the card/book?	Yes	If "No" skip to IMM_56
IMM_55	Enter date from vaccination card/book for vitamin A:		
IMM_56	Has {childname} ever been administered a vaccination orally (in mouth) using a? Inform caregiver this is Vitamin A.	Yes	

FAMILY PLA	NNING		
FP_01	Are you pregnant now?	0. No 1. Yes 98. Don't know	No/Do n't Know, skip to FP_04
FP_02	How many months pregnant are you?  RECORD NUMBER OF COMPLETED MONTHS.	Months:/	
FP_03	Is the pregnancy wanted, mistimed or unwanted?	Wanted     Wanted but     mistimed     Unwanted	
FP_04	Have you ever heard of the various ways or methods that a couple can use to delay or avoid a pregnancy?  Mention the methods  Don't read the lists to the respondent. Select all that apply	Female Sterilization	

FP_05	Are you or your partner currently doing something or	Lactational amenorrhea method11 Rhythm method12 Withdrawal13  0. No	If No,
11_00	using any method to delay or avoid getting pregnant?	1. Yes	skip to FP_8
FP_06	What is the main method you are currently using?	<ol> <li>Female Sterilization</li> <li>Male Sterilization</li> <li>IUD</li> <li>Injectables</li> <li>Implants</li> <li>Pill</li> <li>Condom</li> <li>Female condom</li> <li>Emergency contraception</li> <li>Standard days method</li> <li>Lactational amenorrhea method</li> <li>Rhythm method</li> <li>Withdrawal</li> <li>Other modern method</li> <li>Other traditional method</li> </ol>	
FP_7	Where did you obtain this method the last time?	Home  1. Your home 2. Other home Government health facility 3. Govt hospital 4. Govt health center 5. Govt health post NGO health facility 6. Hospital/clinic Private health facility 7. Private Hospital 8. Private Clinic Other sources 9. Retail store 10. Friends/Relative s Other(specify)	
FP_8	What is your future plan regarding having children?	<ol> <li>Wants to space</li> <li>Wants no more children</li> <li>Wants children soon</li> </ol>	

You have reached the end of the survey. Thank you very much for your valuable information!

# **Facility Survey**

# Data use and data quality assessment tool: Woreda Level

### **Purpose**

- 1. Identify RHIS data quality, disaggregated data, and information use issues.
- 2. Quantify the levels of data quality (accuracy, reporting timeliness, and completeness) and information use status (access to RHIS data, existence of analyzed data, and use of RHIS data for monitoring and planning).
- 3. Identify issues/problems with data processing and processes for information use.

### Summary of Information Collected via the RHIS Performance Diagnostic Tool at the Woreda Level

Measuring Data Quality

Through an analysis of program indicators, the RHIS Performance Diagnostic Tool quantifies the status of data completeness, timeliness, and accuracy, and thus provides valuable information on the adequacy of health facility data to support planning and monitoring. The data quality assessment section of this tool is aligned with the data verification aspect of the Data Quality Review (DQR) Tool. At the Woreda level, the Tool compares reported data and the value entered in Woreda database for the same indicators and reporting period examined at the facility level. The RHIS Performance Diagnostic Tool has the following core recommended indicators to assess data quality:

S.N	Category	Indicators (data elements)	Government HC and above	НР	Private HF	Remark
1	Maternal health	Number of births attended by skilled attendants	√		√	
2	Family planning	Total number of family planning (new and repeat) acceptors by age	V	٧	1	
3	Immunization	Number of children under one year of age who have received third dose of pentavalent (Penta3) vaccine	٧	<b>V</b>	1	
4	HIV service	Number of clients tested HIV positive	٧		√	
5	Disease	Number of under-five children with pneumonia	1	1	√	
		Confirmed malaria cases (microscopy or RDT)	1	1	1	
7	Service quality	Number of inpatient deaths	√		√*	
8	Tuberculosis	TB cases (all types)	√		1	

<sup>\*</sup>Private Hospitals

#### Measuring Information Use

The RHIS Performance Diagnostic Tool also measures the continuous use of information to guide day-to-day operations, track performance, learn from past results, and improve service delivery. The tool focuses on the use of RHIS data for analytic report production, discussion, decision/actions, target setting, planning, and monitoring.

## Assessing RHIS Data Management Processes

This section assesses various aspects of RHIS data management processes, including:

- Data processing, analysis, and presentation: the availability of a copy of RHIS data management guidelines; use of standardized RHIS data collection and reporting tools; evidence of data analysis; and visual representation of data.
- Data quality check: presence of data quality assurance guidelines and tools; clearly assigned roles and responsibilities for data review; and regular internal data quality checks conducted by the health facility.

- Feedback: existence of formal feedback loops to the staff collecting the data; health facilities receive regular written feedback on their performance; and quality of reported data.
- Supervision quality: supervision frequency; checking data quality; using data for discussion; helping in decision making; and supervisory feedback.

#### **Data Collection Method**

- Key informant interviews (health facility in-charge and data manager, or those responsible for the compilation, reporting, and analysis of data)
- Document review and observation (HMIS reports, electronic database, planning documents, meeting minutes, feedback reports/notes, guidelines)

### Part 1. Data Quality Assessment: Woreda Health Office Form

Number	Question	Result	Skip
INTERVIEWER V	ISITS		
DQ_101	Interview date		
DQ_102	Interviewer name		
DQ_103	Interviewer code		
	Please enter your 3-character identifier.		
WOREDA LEVEL	. UNIT IDENTIFICATION		
DQ_104	Please select the region	Addis Ababa	
		Afar	
		Amhara	
		Beneshangul Gumuz	
		Dire Dawa	
		Gambella	
		Harari	
		Oromiya	
		SNNPR	
		Somali	
		Tigray	
DQ_105	Zone/Sub-city		
	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).		
DQ_106	Woreda		
	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).		
DQ_108	Name of Woreda office(s) visited		
	(NOTE: IT COULD BE ONE OR MORE OFFICES FROM WHICH INFORMATION IS COLLECTED. PLEASE LIST THEM HERE.)		

#### **GENERAL INFORMATION**

READ THE FOLLOWING STATEMENT TO THE MANAGER, THE HEAD OF THE WOREDA UNIT:

survey of Wo	My name is We over the desired the govern system [COUNTRY].	-	<del>-</del>	_
health servic	a was randomly selected to participate ces and routine reporting. Information of lealth services, and researchers for pla ces.	about your unit may be u	used by the MOH, organiz	ations
any report; h	name nor those of any other respondence or the common nowever, there is a small chance that common ensure that the information we collect	iny of the respondents m	-	
	use to answer any question or choose questions, which will benefit the clients	•	•	ppe you will
1	questions for which someone else is the it if you would introduce us to that pers		<u>-</u>	ion, we would
At this point,	do you have any questions about the	study? Do I have your a	greement to proceed?	
DQ 109	May I begin the interview?	YES 🗖	2. NO 🗆	

PLEASE EN	TER THE 3 REVIEW MONTHS THAT WILL BE USED DURING	G THIS ASSESSMENT
	Month_1	Meskerem 2012       1         Tikemet 2012       2         Hidar 2012       3         Tahesas 2012       4         Tir 2012       5         Yekatit 2012       6         Megabit 2012       7         Miyazia 2012       8         Ginbot 2012       9         Sene 2012       10         Hamle 2012       11         Nehase 2012       12
	Month_2	Meskerem 2012.       1         Tikemet 2012.       2         Hidar 2012.       3         Tahesas 2012.       4         Tir 2012.       5         Yekatit 2012.       6         Megabit 2012.       7         Miyazia 2012.       8         Ginbot 2012.       9         Sene 2012.       10         Hamle 2012.       11         Nehase 2012.       12
	Month_3	Meskerem 20121 Tikemet 20122

			Tir 2012 Yekatit 2012 Megabit 2012 Miyazia 2012 Ginbot 2012 Sene 2012 Hamle 2012	
RESOURCES	S FOR DA	ATA ASSESSMENT		
RESOURCE		AIA AUSEUUMENI		
DQ_010	respons	le Woreda have a designated person sible for entering data/compiling reports from facilities?	1. Yes □	0. No □
DQ_011	of peop	e Woreda have a designated person or group ble (e.g. PMT) to review the quality of compiled ior to submission to the next level?	Yes No	
DQ_012	Does th	e Woreda have the following guidelines:		
	(Please	observe.)		
	A.	Data entry/compilation (DHIS2 user manual)	1. Yes □	0. No □
	В.	Data quality and Information use guide (for data quality review and control)	1. Yes □	0. No □
DQ_013	If yes to	DQ_011, are the members of PMT trained on:		
	A.	HMIS related data entry/compilation	Yes (all staff have rece months)	ived training in the past 12 1
			Mostly (all staff have re the past 12 months)	eceived training but not in
			Partly (some staff have 12 months)3	received training in the past
			Not at all	0
	В.	HMIS related data review and quality control?	Yes (All staff have rece months )	ived training in the past 12
			Mostly (all staff have re the past 12 months)	eceived training but not in
			Partly (some staff have 12 months)3	received training in the past

Not at all\_\_\_\_\_0

DQ_014a	Does the woreda keep log			es, pap	er-base	ed only				.1			
	track monthly HMIS reports (observe)	sent b	by the h	ealth fo	acilities	, S	es, elec	tronic (	only			2	
	(					Υe	Yes, both paper-based and electronic systems 3						
						No	No0						
DQ_014b	Does the Woreda keep co					s Ye	Yes, paper-based only1						
	(paper-based or electronic) sent by the health facilities? (observe)						es, elec	tronic (	only			2	
	(Check the reports from mo	onth 1	to mon	th 3)					r-basec submit				oies (all s)3
									ne healt others si				aper- orts)4
								•					,
DQ_015	How many health facilities disease) to the Woreda and												nd
	Health facility type*	A. F	aper-b	ased re	eport	B. Ele	ectroni	c repor	t only		th pap		
	(*Specify the facility		or	nly						elect	ronic re	∍ports	
	type according to the structure of the	Ð			rly	<b>u</b>			٦	Ð			rļ
	country's health	Service	<u>₽</u>	OPD	Quarterly	Service	<u>P</u>	OPD	Quarterly	Service	<u>P</u>	OPD	Quarterly
	system.)	Se			ð	Se			g	Se			g
	01. Primary Hospital (												
	02. Health centers												
	03. Health posts												
	04. Private/NGO/faith												
	based health facilities											·	
DQ_016	CHECK THE MONTHLY HMIS	REPO	RTS SUB/	MITTED	BY THE	HEALT	H FACI	LITIES D	URING	THE RE	VIEW P	ERIOD	
	How many health facilities if for:	in the	Woredo	a actua	ally sub	mitted	l montl	nly HMI	S (servi	ce and	diseas	;e) rep	orts
	A. Month 1 year		s	:									
	Health facility type*				ed rep	ort	B. Elec		eport				
	(*Specify the facility type according to the structure		only	<b>y</b>				only		elec	tronic r	еропѕ	
	the country's health syste		e O				9		0	e C			
			Service	PD	OPD		Service	IPD	OPD	Service	₽	1	OPD
			Š			'	Ň			Š			
	01. Primary Hospital												
	02. Health centers												
	03. Health posts												
	04. Private/NGO/faith based health facilitie	ic.											
			L										

	В	. Month 2 year			Ş											
		Health facility type* (*Specify the facility type		A. Pap on		based	report	В.		ronic re	eport				er and	
		according to the structure of the country's health system.)		Service		IPD	OPD	Service		IPD	ОРО	Service		IPD		OPD
		01. Primary Hospital														
		02. Health centers														
		03. Health posts														
		04. Private/NGO/faith based health facilities														
	C. Month 3 year?															
		(*Specify the facility type			A. Paper-based report only			B. Electronic report only				C. Both paper and electronic reports				
	according to the structure		Service		LLD	OPD	Quarter	Service	IPD	OPD	Quarter	Service	G G	5	OPD	Quarter
		01. Primary Hospital														
		02. Health centers														
		03. Health posts														
		04. Private/NGO/faith based health facilities														
DQ_017	If health facilities are not submitting monthly HMIS reports, what are the possible reasons for this?					Staffing issue(s) 1 Lack of reporting supplies 2 Transportation issue(s) 3 Internet connectivity issue(s) 4 Presence of other vertical reporting requirement 5 Computer system failure 6 Electric supply interruption 7 Other (specify) 96						2 4 ements 6 7				

REPORTED	DATA COMPLETENESS ON SELECTED IN	DICATORS							
	MPLETE THE FOLLOWING FOR EACH OF THE NDICATORS.	# of skilled births	# of FP acceptors	# of Penta3	# of HIV positive clients	# of conf. malaria cases	# of U5 children pneumonia	# of inpatient deaths	# of TB cases notified
DQ_018a	How many facilities were expected to report on the selected indicators?	A	В	С	D	E	F	G	Н
	01. Month 1								
	02. Month 2								_
	03. Month 3								
DQ_018b	How many facilities actually reported on the selected indicators? (Observe)	Α	В	С	D	E	F	G	н
	01. Month 1								
	02. Month 2								
	03. Month 3								
DQ_019	How many reports were complete?								
	(Complete means the report contains								
	the data relevant to the selected	A	В	С	D	E	F	G	н
	indicators including all required data					_			
	disaggregation.)								
	01. Month 1								
	02. Month 2								
	03. Month 3								
DQ_020	If any monthly HMIS reports were not co	mplete, what	are the	Staffing issu	e(s)(e.g. sta	ff shortage, c	absence of desi	gnated staff, et	c) 1
	possible reasons for the missing data?			_		•	nt(s)	_	
							requirements		
							ents to be recor		
							ot user friendly_		
				Other (spec					96

REPORT TIM	ELINESS											
DQ_021	A. Is there a deadline for submissi HMIS report by the health facilitie		ne mon	thly	1. Ye	es 🗖		0. No [		→D No)	Q_024 (if	
	B. If yes, what is the deac	dline (d	ate of n	nonth)?	Rep	Reporting deadline:						
	(NB:Write the end date of the de	adline)										
DQ_022	Does the Woreda office record re monthly HMIS reports (observe log system)?				1. Ye	es 🗖		0. No [	3	→DQ_024 (if No)		
DQ_023	If DQ_022 is yes, check the receip or before the 26 <sup>th</sup> of the month									e rece	ved on	
	Note for enumerators: Refer the r	eportin	g timeli	ne for ec	ach lev	el from	the Ir	nterview g	guide.			
	Health facility type*  (*Specify the facility type	Α	. Month	1	В	. Month	2		C. Mo	nth 3		
	according to the structure of the country's health system.)	Service	OAI	OPD	Service	Service IPD		Service		OPD	Quarter	
	01. Primary Hospital											
	02. Health centers											
	03. Health posts											
	04. Private/NGO/faith based health facilities											
DQ_024	Does the Woreda office keep a roof monthly aggregated HMIS repregional offices (e.g. emails, stametc.)?	orts to 2	Zonal or	r	1. Ye	1. Yes □			0. No 🗆		→DQ_026 (if No)	
DQ_025a	If DQ_024 is yes, check the submi	ssion d	ates of t	he aggr	egate	HMIS re	ports	for the th	ree revi	ew moi	nths.	
					:	Service		IPI	)	C	OPD	
	Which of the monthly HMIS report	ts are si	ubmitte	d on	1. Ye			1. Yes □		1. Yes		
	time to Zone/Region in <b>Month 1</b> ?	3 GI O 3		G 011	0. N	0. No □		0. No 🗆		0. No □		
DQ_025b	Which of the monthly HMIS report	ts are su	Jbmitte	1. Ye	es 🗖		1. Yes □		1. Yes			
	time to Zone/Region in <b>Month 2</b> ?				0. No □			0. No □		0. No □		
DQ_025c	Which of the monthly HMIS report	ts are su	ubmitte	d on		es 🗆		1. Yes □		1. Yes	1. Yes □	
	time to Zone/Region in <b>Month 3</b> ?				0. N	0 🗆		0. No 🗆		0. No	0. No □	

#### **DATA ACCURACY**

MANUALLY RE-AGGREGATE THE REPORTED FIGURES FOR THE FOLLOWING INDICATORS FROM THE HMIS MONTHLY REPORTS THAT ARE SUBMITTED BY THE VISITED HEALTH FACILITIES FOR THE 3 REVIEW MONTHS. COMPARE THE FIGURES WITH THE DATA IN THE WOREDA HEALTH OFFICE HMIS DATABASE.

Please use the data compilation sheet provided for re-aggregating the value of the selected indicators from those visited health facilities reporting to the Woreda Health Office.

In rear cases, if the Woreda Health Office HMIS database is not accessible during the field survey please complete this section by checking the HMIS database at the Zone Health Department.

	Indicators	Re- aggregated value from the monthly/quart erly reports submitted by those facilities visited  (if missing or not applicable, leave blank)	Reported data from Woreda's electronic database or paper-based reports, specific to the visited facilities  (if missing or not applicable, leave blank)	
DQ_026	6 Month 1:			, - ,
01	# of skilled births			
02	# of FP acceptors			
03	# of Penta3			
04	# of HIV positive clients			
05	# of confirmed malaria cases			
06	# of U5 children pneumonia			
07	# of inpatient deaths			
DQ_027	7 Month 2:			
01	# of skilled births			
02	# of FP acceptors			
03	# of Penta3			
04	# of HIV positive clients			
05	# of confirmed malaria cases			
06	# of U5 children pneumonia			

07	# of inpatient deaths										
DQ_028	Q_028 Month 3:										
01	# of skilled births										
02	# of FP acceptors										
03	# of Penta3										
04	# of HIV positive clients										
05	# of confirmed malaria cases										
06	# of U5 children pneumonia										
07	# of inpatient deaths										
08	# of TB cases notified										

#### DATA ACCURACY

WRITE THE AGGREGATED TOTALS OF THE WOREDA HMIS REPORTS, EITHER ELECTRONIC OR PAPER-BASED, THAT ARE SUBMITTED BY THE WOREDA TO ZONAL/REGIONAL OFFICES.

If missing or not applicable, leave blank

DQ_029	Indicators	Month 1	Month 2	Month 3
01	# of skilled births			
02	# of FP acceptors			
03	# of Penta3			
04	# of HIV positive clients			
05	# of confirmed malaria cases			
06	# of U5 children pneumonia			
07	# of inpatient deaths			
08	# of TB cases notified			

DATA QUALI	TY ASSESSMENT MECHANISMS							
DQ_030	Has the Woreda conducted data c assessments at all health facilities in months? (Please observe)	Yes, RDQA had all health center at least one health center E     RDQA has been only in some factorized in a conducted in	and ach					
		0. No RDQA co	nducted					
DQ_031	Does the Woreda use data quality (e.g., RDQA/data verification, in-buquality validation rules/system)? (Ple	1. Yes, observed	2. No □	İ				
DQ_032	Does the Woreda maintain a record data quality assessments conducte three months? (Please observe)	1. Yes, observed	d 🗆	2. No □	ı			
DQ_033	Does the Woreda maintain records health facilities on data quality asse (Please observe)	1. Yes, observed □ 2. No □						
DATA PROC	CESSING AND ANALYSIS							
DQ_034	Does the Woreda use an electronic for routine health data manageme		1. Yes □		2. No		→DQ_03 (if No)	36
DQ_035	If yes, indicate the type of electroni	c system used for ro	outine data mand	agement				
	Electronic system	A. For o	data entry 2. No	1.	B. For data analysis . Yes 2. No			
DQ_036	O1. National open-source data processing system (e.g., DHIS 2)  O2. National proprietary software (e.g., e-HMIS)  O3. Excel-based spreadsheet  O4. Access-based data processing module  O5. Other (specify)  ASK RELEVANT STAFF IN THE WOREDA PAPER or ELECTRONIC REPORTS, DOC	CUMENTS, AND/OR I	DISPLAYS THAT CO	IT MIATMO	HE FOLLO			
	INFORMATION. THE ENUMERATOR SH	OULD RECORD THE						
Α	Aggregated/summary HMIS report		1. Yes, observ	red 🗖	2. No □	l		

В	Demographic data on the catchment population of the Woreda for calculating coverage.	1. Yes, observed □	2. No □
С	Indicators (e.g., Penta3 coverage) calculated for the woreda catchment within the review three months.	1. Yes, observed □	2. No □
D	Comparisons among facilities in the Woreda (e.g., for Penta3 coverage).	1. Yes, observed □	2. No □
Е	Comparisons with Woreda/national targets.	1. Yes, observed □	2. No □
F	Comparisons of data over time (monitoring trends) (e.g., for ANC, Penta3, etc.).	1. Yes, observed □	2. No □
G	Comparisons of sex-disaggregated data (e.g., for Penta3, HIV testing, provider-initiated counseling and testing [PICT]).	1. Yes, observed	2. No □
Н	Comparisons of service coverage (e.g. ANC 4+, PNC within 48 hours, neonatal sepsis treatment).	1. Yes, observed	2. No □

## Part 2. Use of Information: Woreda Assessment Form

DATA VISUA	ALIZATION				
DU_003	Does the Woreda office prepare min (graphs, tables, maps, etc.) showing toward targets (indicators, geograp temporal trends, and situation data)	achievements hic and/or	Yes, all, paper or electronic copies of data visuals observed at the Woreda offices1  Yes, some, paper or electronic copies of data visuals observed at the Woreda offices2  No0		→DU_00 5 (if No)
DU_004	If yes, what type of information is ca standard? (Refer the annex for mini		risuals and is it updated as per	the	
А	Map of catchment area	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No 🗆	
В	Catchment population profile	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No 🗆	
С	Staffing	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No 🗆	
D	Ten Top Causes of Morbidity (Males & Females)	1. Yes, updated □	2. Yes, but not updated $\Box$	0. No □	
Е	Ten Top Causes of Morbidity In < 5 Children	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No □	
E2	Ten Top Causes of Mortality in Hospitals	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No 🗆	
F	ANC coverage	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
G	Skilled attendant deliveries	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
Н	Penta-3 immunization coverage	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
I	Measles immunization coverage	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
J	Malaria, all ages	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
K	Pneumonia amongst Under 1s	1. Yes, updated □	2. Yes, but not updated $\square$	0. No 🗆	
L	HIV/AIDS (VCT)	1. Yes, updated □	2. Yes, but not updated $\square$	0. No 🗆	
М	HIV/AIDS (PMTCT)	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
N	HIV/AIDS (ART)	1. Yes, updated 🗆	2. Yes, but not updated $\square$	0. No □	
N	HIV/AIDS (ART)	1. Yes, updated □	2. Yes, but not updated $\square$	0. No □	
0	OPD attendance	1. Yes, updated $\Box$	2. Yes, but not updated $\Box$	0. No 🗆	
Р	Inpatient admission	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No 🗆	
Q	Average length of stay	1. Yes, updated $\Box$	2. Yes, but not updated $\square$	0. No 🗆	
R	Bed occupancy	1. Yes, updated 🗆	2. Yes, but not updated $\Box$	0. No 🗆	
DU_004_1	If Yes(1 &/or 2) to DU_004, Are the following data visuals displayed in places that are visible to manage supervisors, mentors, health workers and the public?				anagers,
Α	Map of catchment area	1.Yes, displayed	0.No		
В	Catchment population profile	1.Yes, displayed	0.No		
С	Staffing	1.Yes, displayed	0.No		

D	Ten Top Causes of Morbidity (Males & Females)	1.Yes, displayed	0.No	
Е	Ten Top Causes of Morbidity In < 5 Children	1.Yes, displayed	0.No	
E2	Ten Top Causes of Mortality in Hospitals	1.Yes, displayed	0.No	
F	ANC coverage	1.Yes, displayed	0.No	
G	Skilled attendant deliveries	1.Yes, displayed	0.No	
Н	Penta-3 immunization coverage	1.Yes, displayed	0.No	
1	Measles immunization coverage	1.Yes, displayed	0.No	
J	Malaria, all ages	1.Yes, displayed	0.No	
K	Pneumonia amongst Under 1s	1.Yes, displayed	0.No	
L	HIV/AIDS (VCT)	1.Yes, displayed	0.No	
М	HIV/AIDS (PMTCT)	1.Yes, displayed	0.No	
N	HIV/AIDS (ART)	1.Yes, displayed	0.No	
0	OPD attendance	1.Yes, displayed	0.No	
Р	Inpatient admission	1.Yes, displayed	0.No	
Q	Average length of stay	1.Yes, displayed	0.No	
R	Bed occupancy	1.Yes, displayed	0.No	

HMIS ANAL	YTIC REPORT PRODUCTION					
DU_005	Does the Woreda have analyzed HMIS data (e.g., summary tables, charts, maps)?		Yes, observed paper-based1			
	sommary rables, charis, maps, y			Yes, observed electronic2		
				No	0	
DU_006	Does the Woreda office produce ar			Yes, observed	1	<b>→</b> DU_009 (if
	(annual, quarterly, etc.) based on an analysis of HMIS data?			No	0	No)
	(Excluding the monthly summary/ag submitted to the higher level.)	ggregate reports				
DU_007	If yes, list the reports, indicating the frequency of the reports and number of times the reports were actually issued in the last 12 months.					
	Title of the report (A)	Number of times this report is supposed to be issued per year	rep issu	umber of times this port was actually ued in the last 12 ponths	Target audience report (e.g., FMC ZHD, civil admin parliament, con forums, general	OH, RHB, istration, nmunity
		(B)		(C)	(D)	
01						
02						
03						_

DU_008	Do any of these reports and/or bulletins contain discussions and decisions/recommendations based on key performance targets based on HMIS data, such as:			
	01. Maternal and Child health	1. Yes □	0. No 🗆	
	02. Health Promotion and Disease prevention	1. Yes □	0. No 🗆	
	03. Public health emergency	1. Yes □	0. No 🗆	
	04. Human resource management	1. Yes □	0. No 🗆	
	05. Pharmaceuticals	1. Yes □	0. No 🗆	
	06. Finance and Resource	1. Yes □	0. No 🗆	
	07. Health Information System	1. Yes □	0. No 🛚	

FEEDBACK TO HEALTH FACILITIES					
DU_009	Did the Woreda send feedback reports using HMIS information to health facilities in the review three months?  (OBSERVE THE REPORT AND TICK ACCORDINGLY.)	1. Yes, observed	0. No 🗆	→DU_011 (if No)	
DU_010	If yes, indicate the types of feedback reports:				
A	Feedback on data quality (including data accuracy, reporting timeliness, and/or report completeness).	1. Yes, observed □	0. No 🗆		
В	Feedback on service performance based on reported HMIS data, e.g., appreciation/acknowledgement of good performance; resource allocation/mobilization.	1. Yes, observed	0. No □		

ROUTINE DI	ECISION-MAKING FORUMS AND PROCESSES AT WORE	DA OFFICE		
DU_011	Does the Woreda have performance monitoring team (PMT)?	1. Yes □ 0.	No 🗆	→DU_023 (if No)
DU_012	Is the PMT membership according to the standard? (Head of the institution, HMIS in charge and representatives from each service or program unit/department)	1. Yes □	0. No 🗆	
DU_013	How often are the performance monitoring team meetings supposed to take place?	Weekly Monthly Quarterly Biannually Annually No schedule		1 2 3 _4 _5
DU_014	How many times did the performance monitoring team meetings take place during the review three months?	More than four times. Four times. Three times. Two times. One time. None.	2 3 4 5	→DU_023 (if None)

DU_015	Were minutes of performance monitoring team meetings	Мс	onth 1	Мо	nth 2	Мо	nth 3	→DU_023 (if No to
	maintained for the review three months?	1. Yes	0. No 🗆	1. Yes □	0. No 🗆	1. Yes □	0. No [	all)
DU_016	Is the PMT using a standard PMT minute record/logbook?		1. Yes, obs	erved 🗆	1	0. No 🗆	1	→DU_018 (if Yes)
	(Standard: Data Quality and Performance Monitoring logbook)							
DU_017	Please indicate the reason(s) for n	ot using			not availa			
	the standard minute record/logbo	ook.			niliar with th friendly	_		
	(select all that apply)		Other (Spe		тепату		9	
	Please check the performance m to see who chaired the meetings	_		e/records	for the pre	vious thre	e month	S
DU018_01	Who chaired the meetings in Mon		Head/dep		of woreda			<b>→</b> DU_020
					artment rep			
DU018_02	Who chaired the meetings in Mon	ıth 2?	Head/dep	outy head	of woreda	health		<b>→</b> DU_020
					artment rep			
DU018_03	Who chaired the meetings in Mon	ıth 3?		ad/deputy head of woreda health ce1				<b>→</b> DU_020
				-	artment rep			
DU_019	Please indicate the reason(s) if the							1
	of the woreda health office did not chair the meeting (ask the HMIS focal person)			Lack c	f familiarity	with the s	ubject	3 4
DU_020	Please check the performance m see if the following topics were dis		team minut	e/records	for the rev	iew month	ns and	
A	Were there discussions on HMIS management, such as data quality, completeness, or timeliness of reporting?			1. Yes		0. No		→DU_021 (if No)
В	Were HMIS related issues identified and prioritized?		1. Yes		0. No		→DU_021 (if No)	
С	Were root cause analyses conducted for the prioritized HMIS related issues?			1. Yes		0. No		
D	Was an action plan developed to address the HMIS related issues?			1. Yes		0. No		
E	Have any follow-up actions taken decisions made during previous m related issues? (e.g., referring HMI higher level)	neetings o	n HMIS-	1. Yes		0. No		

DU_021	Were discussions held to review the following key perform progress against targets/plan):	nance targets (e.g., tracking	→DU_022 (if all are No)			
	progress against rargets/plant.		(ii dii die 140)			
	( (Please check the performance monitoring team minute/records for the review months and see if the following topics were discussed)					
	01. Maternal and Child health	1. Yes   0. No   1				
	02. Health Promotion and Disease prevention	1. Yes				
	03. Public health emergency	1. Yes □ 0. No I				
	04. Human resource management	1. Yes □ 0. No [				
	05. Pharmaceuticals	1. Yes □ 0. No <b>I</b>				
	06. Finance and Resource	1. Yes   0. No [				
	07. Health Information System	1. Yes □ 0. No I				
A	Has the PMT identified and prioritized performance issues?	1. Yes □ 0. No I	→DU_021F (if No)			
В	Did the PMT conduct root cause analysis for the prioritized performance related issues?	1. Yes □ 0. No [				
С	Has the PMT made any of the following decisions based and/or health facility's performance?	on discussions of the Woreda	ı			
	01. Formulation of plans	1. Yes □ 0. No I				
	02. Budget preparation	1. Yes □ 0. No <b>I</b>				
	03. Budget reallocation	1. Yes □ 0. No I				
	04. Medicine supply and drug management	1. Yes □ 0. No I				
	05. Human resource management (training,					
	reallocation, etc.)  06. Advocacy for policy, programmatic, or	1. Yes □ 0. No I				
	strategic decisions from the higher level	1. Yes □ 0. No I				
	07. Health services (preventive, promotive, clinical,	0.110				
	rehabilitative) planning	1. Yes □ 0. No I				
	08. Promotion of service quality/improvement	1. Yes   0. No   1				
	09. Reducing the gender gap in the provision of					
	health services  10. Involvement of the community and local	1. Yes □ 0. No [				
	government	1. Yes □ 0. No I				
D	Was an action plan developed?	1. Yes □ 0. No I				
E	Has any follow-up action taken place based on decisions made during previous meetings on performance-related issues? (e.g., referring performance-related issues for solution to the higher	1. Yes   0. No   1				
F	Are any data display tools used during the performance review meetings?	1. Yes □ 0. No I				

G	Which display tools were used during the performance review meetings in the review three months?	Manual/paper-based 1 Electronic 2	
Н	Was there any attempt to use other sources of data (other than the HMIS) for triangulation of evidence at the performance review meeting in the review three months?	Both     3       1. Yes     □     0. No     □	→DU_022 (if No)
I	Which sources were used? (Multiple answer is possible)	Census 1 Population-based surveys 2 Health facility surveys 3 Civil registration and vital events 4 Operations research 5 Other ( Specify): 96	
DU_022	Is the PMT tracking key quality and equity indicators from the transformation plan during PMT review?  (Please check the performance monitoring team minute/records or other documents for the review months and see if the quality and/or equity indicators are addressed)	Yes, both quality and equity indicators are tracked	
DU_022_1	Were the performance review meeting minutes circulated to/ signed by all members of the PMT?	1. Yes, observed 2. No $\Box$	
			·

STRATEGI	C AND ANNUAL PLANNING			
DU_023	Does the Woreda have a five years strategic plan of the woreda?	1. Yes, observed □	0. No	
DU_024	Does the Woreda have current woreda-based annual plan?	1. Yes, observed □	0. No	→DU_028 (if No)
DU_025	Does the woreda-based plan reflect use of data from the HMIS for problem identification and/or root cause analysis?	1. Yes □	0. No	
DU_026	Does the current woreda-based plan reflect use of HMIS data for target setting?	1. Yes □	0. No	

SUPERVISIO	ON BY THE ZONE/REGION			
DU_028	How many times did the Zone/region supervisor visit your Woreda health office over the review three months?	More than four times Four times Three times Two times One time None	2 3 4 5	→DU_034a (if None)
DU_029	Did the supervisor use the integrated supportive supervision or HMIS checklist during the most recent visit?	1. Yes □	0. No 🗆	
DU_030	Did the supervisor (s) check the data quality?	1. Yes □	0. No 🛚	

DU_031	During the most recent visit, did the Zone/Region supervisor discuss your Woreda's performance based on HMIS information?	1. Yes □	0. No 🗆	→DU_033 (if No)
DU_032	If DU_031 is Yes, did the supervisor help you to make a decision or take corrective action based on the discussion?	1. Yes □	0. No 🗆	
DU_033	Did the supervisor send a report/ written feedback to the woreda health office on the last supervisory visit(s)?		0. No 🛚	
SUPERVISIO	ON BY THE WOREDA HEALTH OFFICE			
DU_034a	Did the Woreda Health Office conduct internal mentorship in review three months?	1. Yes □	0. No 🗆	→DU_35 (if No)
DU_034b	If yes, please check if there is written feedback on the last internal mentorship?	1. Yes, observed □	0. No 🗆	
DU_035	Did the woreda health office conduct mentorship to the lower levels in the review three months?	<ol> <li>Yes, to all facilities</li> <li>Yes, to some facilities</li> <li>No</li> </ol>		
	,			1
DATA DISS	EMINATION OUTSIDE HEALTH SECTOR			
DU_036	Did the Woreda submit/present last year's health sector performance reports and action items to a Woreda council in the past 12 months?	1. Yes □	0. No 🗆	→DU_038 (if No)
DU_037	Do those reports/presentations use data from the HMIS to show the health sector's progress?	1. Yes, observed □	0. No 🗆	
DU_038	Is there a website updated at least annually for accessing the Woreda's HMIS data by the general public?		0. No 🗆	
DU_039	Are woreda performance data shared with general public via printed material (e.g., brochure, newsletter, etc.) in the last six months?			
DU_040	Did the Woreda Health Office conduct assessment(s)	1. Yes, assessment is		
	and disseminate findings in the last six months?	and finding(s)dissem	inated	
	and disseminate findings in the last six months?	2. Assessment is confindings not dissemin	ducted, but ated 🛚	
	and disseminate findings in the last six months?	2. Assessment is cond	ducted, but ated 🛚	

GPS COORDINATES				
DQ_110	Please capture the GPS coordinates of health office. (Note: Enumerator may have to go outside to capture the coordinates)			

# **Data use and data quality assessment tool**: Health Facility Level

#### **Purpose**

- 4. Identify RHIS data quality, disaggregated data, and information use issues.
- 5. Quantify the levels of data quality (accuracy, reporting timeliness, and completeness) and information use status (access to RHIS data, existence of analyzed data, and use of RHIS data for monitoring and planning).
- 6. Identify issues/problems with data processing and processes for information use.

## Summary of Information Collected via the RHIS Performance Diagnostic Tool at the Health Facility Level

#### Measuring Data Quality

Through analysis of program indicators, the RHIS Performance Diagnostic Tool quantifies the status of data completeness, timeliness, and accuracy, and thus provides valuable information on the adequacy of health facility data to support planning and monitoring. The data quality assessment section of this tool is aligned with the data verification aspect of the DQR Tool. The RHIS Performance Diagnostic Tool has the following core recommended indicators to assess data quality:

S.N	Category	Indicators (data elements)	Government HC and above	НР	Private HF	Remark
1	Maternal health	Number of births attended by skilled attendants	1		1	
2	Family planning	Total number of family planning (new and repeat) acceptors by age	g (new and repeat)			
3	Immunization	Number of children under one year of age who have received third dose of pentavalent (Penta3) vaccine	٧	1	1	
4	HIV service	Number of clients tested HIV positive	IIV V			
5	Disease	Number of under-five children		1		
		Confirmed malaria cases (microscopy or RDT)	1	1	1	
7	Service quality	Number of inpatient deaths	√		√*	
8	Tuberculosis	TB cases (all types)	√		√	

<sup>\*</sup>Private Hospitals

At the facility level, the diagnostic tool compares the reported value of an indicator for a selected reporting period to recoded data by reviewing the source document for the same facility and period. The result is an estimate of the accuracy of reporting for the indicators in question for the whole program.

#### Measuring Information Use

The tool measures the continuous use of information to guide day-to-day operations, track performance, learn from past results, and improve service delivery. The tool focuses on the use of RHIS data for analytic report production, discussion, decision/actions, target setting, planning, and monitoring.

#### Assessing RHIS Data Management Processes

This section assesses various aspects of RHIS data management processes, including:

- Data processing, analysis, and presentation: the availability of a copy of HMIS data management guidelines; use of standardized RHIS data collection and reporting tools; evidence of data analysis; and visual representation of data.
- Data quality check: presence of data quality assurance guideline and tools; clearly assigned roles and responsibilities for data review; and regular internal data quality checks conducted by the health facility.
- Feedback: existence of formal feedback loops to the staff collecting the data; health facilities receive regular written feedback on their performance; and quality of reported data.
- Supervision quality: supervision frequency; checking data quality; using data for discussion; helping in decision making; and supervisory feedback.

#### **Data Collection Method**

- Key informant interviews (health facility in-charge and data manager, or those responsible for compilation, reporting, and analysis of data)
- Document review and observation (HMIS reports, electronic database, planning documents, meeting minutes, feedback reports/notes, guidelines)

### Part I. Data Quality Assessment: Health Facility Form

INTERVIEW	ER VISITS	
FQ_101.	Interview date	
FQ_102.	Interviewer name	
FQ_103.	Interviewer code	
	Please enter your 3-character identifier.	
FACILITY II	DENTIFICATION	
FQ_104.	Please select the region	Addis Ababa
		Afar
		Amhara
		Beneshangul Gumuz
		Dire Dawa
		Gambella
		Harari
		Oromiya
		SNNPR
		Somali
		Tigray
FQ_105.	Zone/Sub-city	
	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).	
FQ_106.	Woreda	
	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).	
FQ_107.	Health facility number	
	(Please enter the unit number up to 10 digits, include leading zeros.)	
FQ_108.	Health facility name	
FQ_109.	Type of health facility	Referral/Specialized hospital1
		General hospital2
	(If "6" selected exit survey and go to Health Post	Primary hospital3
	Diagnostic Tool)	Health center4
		Medium clinic5  Health post6
FQ_110.	Urban/rural	Urban1
		Rural2
FQ_111.	Managing authority	Government/public1

	NGO/not-for-profit2				
	Private-for-profit3				
	Mission/faith-based4				
	Other (specify)				
	96				
GENERAL INFORMATION					
READ THE FOLLOWING STATEMENT TO THE MANAGER, THE PERSON HEALTH WORKER RESPONSIBLE FOR OUTPATIENT SERVICES WHO IS					
Good day! My name is We are here on behalf of [IMPLEMENTING AGENCY] conducting a survey of health facilities to assist the government in knowing more about the performance of routine health information systems in [COUNTRY].					
Your facility was randomly selected to participate in this study. We will be asking you questions about various health services and reporting of those services. Information about your facility may be used by the MOH, organizations supporting services in your facility, and researchers for planning service improvements or for conducting further studies of health services.					
Neither your name nor that of any other health worker responded dataset or in any report; however, there is a small chance that are asking for your help to ensure that the information we collect	any of these respondents may be identified later. We				
You may refuse to answer any question or choose to stop the in- the questions, which will benefit the clients you serve, the nation	, , ,				
If there are questions for which someone else is the most appropappreciate it if you would introduce us to that person to help us	·				
At this point, do you have any questions about the study? Do I h	ave your agreement to proceed?				
INTERVIEWER'S SIGNATURE INDICATING CONSENT OBTAINED					
FQ_112 May I begin the interview?	1. YES □				
	2. NO □				
'					
PLEASE SELECT THE 3 REVIEW MONTHS THAT WILL BE USED DURING THIS ASSESSMENT					

PLEASE SELECT THE 3 REVIEW MONTHS TI	HAT WILL BE USED DURING THIS ASSESSMENT
Month_1	Meskerem 2012
Month_2	

	Meskerem 2012.       .1         Tikemet 2012.       .2         Hidar 2012.       .3         Tahesas 2012.       .4         Tir 2012.       .5         Yekatit 2012.       .6         Megabit 2012.       .7         Miyazia 2012.       .8         Ginbot 2012.       .9         Sene 2012.       .10         Hamle 2012.       .11         Nehase 2012.       .12
Month_3	Meskerem 2012.       1         Tikemet 2012.       2         Hidar 2012.       3         Tahesas 2012.       4         Tir 2012.       5         Yekatiit 2012.       6         Megabit 2012.       7         Miyazia 2012.       8         Ginbot 2012.       9         Sene 2012.       10         Hamle 2012.       11         Nehase 2012.       12

RESOURCE	S FOR DATA ASSESSMENT	
FQ_010	Is there a designated person(s) to enter data/compile different units in the health facility?	reports from the 1. Yes  0. No
FQ_011	Does the PMT review the quality of compiled data prior to submission to the next level, e.g., to Woreda health office, ZHD, RHB, FMOH, etc?	Yes1 No0
FQ_012	If FQ_010 OR FQ_011 is 1, Are designated staff/PMT men	nbers trained in:
	A. HMIS related data entry/compilation	Yes (all staff have received training in the past 12 months)1
		Mostly (all staff have received training but not in the past 12 months)2
		Partly (some staff have received training in the past 12 months3
		Not at all0
	B. HMIS related data review and quality control?	Yes (all staff have received training in the past 12 months)1
		Mostly (all staff have received training but not in the past 12 months)2
		Partly (some staff have received training in the past 12 months)3

			Not at	all			0	
	1. M	ATERNAL HEA	ALTH INDICA	TOR				
	SKILLEI	D BIRTH ATTEN	NDANTS (SBA	<b>\</b> )				
FQ_013	Does this facility provide delivery serv	vices?	1. Yes D	0	. No 🗆		→FQ_( No)	024 (if
SOURCE D	OCUMENTS AND REPORTS							
FQ_014	Does this facility report facility deliver reporting system?	ry/SBA data to	a 1. Yes [	] 0	. No 🗆		→FQ_(	024
FQ_015	= ' = '	of the following reporting systems does the fac neck the reporting form used by the health fac						
A	Health Management Information Sys	stem (HMIS)	1. Yes [	0	. No 🗖			
В	Program specific reporting system for child health (MCH)	r maternal and	1. Yes [	0	. No 🗆			
С	Nongovernmental organizations or ir	nstitutions	1. Yes [	0	. No 🗖			
D	Other reporting system		1. Yes	DECIFY 0	. No □			
FQ_016	What is the source document used be monthly reporting of <b>SBA</b> services? We interested in the document that is used the total number of SBA at this facility any customized documents are used <b>E SOURCE DOCUMENT USED TO COMPILE</b>	le are primarily ed for <b>compili</b> y. Please report	rt if  Tally shows Patient Other (	cardsspecify)			2	96
	ALLY SHEET) FOR SBA AND ANSWER THE					•	(,	
FQ_017	Please confirm the availability of the source document for SBA for month 1 to month 3. If available, please recount the number of SBA recorded in the delivery register for month 1 to month 3.	(A)	(A) Source document available					nt the SBA in very none, ter 0)
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No			
01	Month 1	1	2	3	0			

02	Month 2		1	2	3	0				
03	Month 3		1	2	3	0				
ele *C0	ce the last 15 entries recorded in the some ments relevant to the selected indicate OMPLETE means that the source document licator.**PARTLY: the source document	or are fil nent cor	led in. ntains t	he data elem	ents relevant	to the sele		l the	data	1
FQ_018	If the source document (delivery reging is not available, what are the possible reasons? (Don't read the choices)		Abser Stock	ge or archiving nce of designa out of source (specify):	ated staff document			3		
FQ_019	If the source document (delivery regins not completely filled in, what are the possible reasons for the missing data: (Don't read the choices)	ne .	Staffir Not up Present Data 4 The re	ng issue(s)(shown derstanding nace of other value of other value of the cording tool is (specify):	rtage, absent the data eler ertical report nuch data ele s not designe	ce) ment ing require ements to	ement be rec	cord	1 2 3 led)	5
REV	IEW MONTHLY REPORTS FOR SKILLED BIR	TH ATTE	NDANT	S (SBA) AND A	NSWER THE F	OLLOWING	QUES	STIOI	NS.	
FQ_020	Please confirm the availability of the <b>monthly report</b> for SBA for month 1 to month 3. If available, please <b>record</b> the number of SBA recorded in the <b>monthly report</b> for month 1 to month 3.		(A	) Monthly rep	ort available		fror rep	mben the	cord er of t e mo (if mis e blar	SBA nthly sing,
		Ye avail ar comp	able nd	Yes, available but partly** complete	Yes, available but no data recorded	No				
01	Month 1		1		3	0				
02	Month 2		1		3	0				
03	Month 3		1		3	0				
**P	OMPLETE means that the monthly report ARTLY: the monthly report is available both					ed indicate	or.			
FQ_021	If the monthly report of SBA is not available, what are the possible reas	Storage or archiving problems1 Absence of designated staff2 Stock out of source document3 Other (specify):96								
FQ_022	If the monthly report of SBA is partially complete or has no data, what are to possible reasons for the missing data.	he		ng issue(s)(sho nderstanding						

			of other vertical re		
			den (too much dat		•
		The recor	ding tool is not des	igned as user fri	endly5
		There is no	o client to be repor	ted	6
		Other (sp	ecify):		96
DISCREPA	NCIES				
FQ_023	If there was a discrepancy observed between the source document (delivery	Data en	try errors		1
	register) and the monthly report, what are		tic errors		
	the reasons for the discrepancy?		tion from all source /		
	(circle all that apply)	Data bu	rden (too much do	ıta elements to	be reported)
		Illegible	writing on the sourc	ce document (n	ot readable)
			emphasis for data o		
			pecify)		
	2. IMMUNIZ	ATION IN	DICATOR		
	PENTAVALENT THIRD DOSE (P	ENTA3) IN	CHILDREN UNDER	R 1 YEAR	
FQ_024	Does this facility provide immunization service	:es?	1. Yes □	0. No □	→FQ_035 (if No)
SOURCE D	OCUMENTS AND REPORTS				
FQ_025	Does this facility report immunization data to reporting system?	оа	1. Yes □	0. No 🗆	→FQ_035 (if No)
FQ_026	To which of the following reporting systems of (Please check the reporting form used by the			ization data?	
Α	Health Management Information System (HI	MIS)	1. Yes □	0. No □	
В	Immunization/EPI program		1. Yes □	0. No □	
С	Nongovernmental organizations or institution	ns	1. Yes □	0. No □	
D	Other reporting system		1. Yes □	0. No 🗆	
			SPECIFY		
FQ_027	What is the source document used by this fo	acility for	EPI register		1

Immunization tally sheets \_\_\_\_\_2

Other (specify)

monthly reporting of Penta3? We are primarily

Please report if any locally developed

documents are used.

interested in the source document that is used for

compiling monthly summary statistics for Penta3.

FQ_028	Please confirm the availability of source documents for Penta3 for month 1 to month 3. If available, please Recount the number of DTP3 (Penta3) immunizations recorded in the source document for month 1 to month 3		(A) S		(B) Reconumber of the seconumber of the seconum none, enter the seconum none,	of Pe cation ource nents	enta3 ns in e s (if ase				
		Ye avail an comp	able id								
01	Month 1		1 2 3 0								
02	Month 2		1	2	3	0					
03	Month 3		1	2	3	0					
FO. 000			Stock Other	out of source (specify):	ated staff document		3				
FQ_030	If the source documents (EPI registe partially complete or has no data, vare the possible reasons for the miss data?	er) are Staffing issue(s)(shortage, absence) 1 what									
REVIEW TH	E MONTHLY REPORTS FOR PENTA3 AND A	ANSWER	THE FO	LLOWING QU	ESTIONS.						
FQ_031	Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number of Penta3 immunizations recorded in the Service monthly reports for month 1 to month 3	numi imm from t report						(B) Rec number immun from the eports (i leave	r of D ization more	OPT3 ons nthly ssing,	
	Yes, Yes, Yes, No available and available but complete* but partly** no data complete recorded										

1

1

01

02

Month 1

Month 2

reporting system?

FQ\_037

3

3

0

0

03	Month 3	I	3	0	
	OMPLETE means that the monthly report contoned ARTLY: the monthly report is available but son			ected indicator.	
DATA COM	APLETENESS				
FQ_032	If the monthly report of EPI is not available, what are the possible reasons?	Absence Stock out	or archiving problems of designated staff_ of source documen ecify):	t	2 3
FQ_033	If the monthly report of EPI is partially complete or has no data, what are the possible reasons for the missing data?	Not under Presence Data burd	sue(s)(shortage, absortanding the data e of other vertical repoden (too much data ding tool is not desig	element orting requirem elements to be  ned as user frie	2 ent3 erecorded)4 ndly5
DISCREPAN	NCIES				
FQ_034	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Arithmetic Informatic  Data burd 	y errors c errors on from all source do den (too much data vriting on the source	elements to be	2 compiled correctly3 e reported)4 readable)
			mphasis for data acc	•	6
	,				
	3. FAMILY	PLANNING	SINDICATOR		
	TOTAL NUMBER OF WOMEN RECEI	IVED MODI	ERN CONTRACEPTIV	/E METHODS	
FQ_035	Does this facility provide Family planning se	ervices?	1. Yes □	0. No 🗆	→FQ_046 (if No)
	OCUMENTS AND REPORTS				
FQ_036	Does this facility report family planning date	a to a	1. Yes □	0. No 🗆	→FQ_046 (if No)

To which of the following reporting systems does the facility report family planning data?

(please check the reporting form used by the health facility)

Α	Health Management Information Sy	rstem (H	MIS)	1. Yes D	1	0. No 🗆							
В	family planning department/progra	ım		1. Yes □	1	0. No □							
С	Nongovernmental organizations or i	institutio	stitutions 1. Yes   0. No										
D	Other reporting system		1. Yes   0. No										
				SPECIFY									
FQ_038	What is the source document used monthly reporting of family planning primarily interested in the document compiling monthly summary statistic planning. Please report if any locally documents are used.	g? We ar t that is u cs for fan	We are Family planning tally sheets Other (specify) leveloped							296			
	SOURCE DOCUMENTS USED TO COMP NNING AND ANSWER THE FOLLOWING									OR			
FQ_039	Please confirm the availability of source documents for family planning users for month 1 to month 3. If available, please Recount the number of family planning users recorded in the source document for month 1 to month 3.	(A) Source documents available  (B) Recount the number of family planning users in the source documents (if none, please enter 0)						mily ers in e s (if ese					
		Ye avail an comp	able d	Yes, available but partly** complete	Yes, available no data recorde	I							
01	Month 1		1	2	3	0							
02	Month 2		1	2	3	0	$\perp$						
03	Month 3	Progiet-	r for ac	2	3	O shock if a		da.t	a e l e				
rele *C0	evant to the selected indicator are fille	ed in. ment co	register for each reporting period and check if all the data elements d in.  ent contains the data relevant to the selected indicator.							nts			
FQ_040	If the source document (family plan register) is not available, what are the possible reasons?		Abser Stock	ge or archiving of design out of source (specify):	ated staff e document				3				

REVIEW THE FQ_042	If the source documents are partiall complete or has no data, what are possible reasons for the missing data and possible reasons for the missing data.  MONTHLY REPORTS FOR DPT3 (PENTA3)  Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number of family planning users recorded in the monthly reports for month 1 to month 3.	the g?	Not up Preser Data 4 The re Other	nderstanding nce of other v burden (too r cording tool i (specify):		ent g require ments to as user f	rie	ent ent ndly (B) I		2 3 ∋d) cord of FP	the users nthly
		Ye availab comp	le and	Yes, available but partly** complete	Yes, available but no data recorded	No					
01	Month 2		1	2	3	0					
02	Month 3		1	2	3	0					
03	Month 2		1	2	3	0					
**P/	OMPLETE means that the monthly repo ARTLY: the monthly report is available MPLETENESS					d indicate	or.				
FQ_043	If the monthly report of FP is not ava what are the possible reasons?	ilable,	Abser Stock	nce of designate out of source	g problems ated staff document		2				
FQ_044	If the monthly report of FP is partially complete or has no data, what are possible reasons for the missing data	data, what are the the missing data?			rtage, absence the data eleme vertical reporting much data eler is not designed	ent g require ments to as user f	em be	ent e reco	orde	2 3 ∋d) 4	

**DISCREPANCIES** 

FQ_045	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Data entry errors 1 Arithmetic errors 2 Information from all source documents not compiled correctly
		Illegible writing on the source document (not readable)

	4. HIV INDICA	ATOR		
	NUMBER OF CLIENTS WHO TESTER	O POSITIVE FOR HIV		
FQ_046	Does this facility provide VCT/PIHTC/HIV testing services?	1. Yes □	0. No □	→FQ_057 (if No)
SOURCE D	OCUMENTS AND REPORTS			
FQ_047	Does this facility report VCT/PIHTC/HIV testing data to a reporting system?	1. Yes □	0. No 🗆	→FQ_057 (if No)
FQ_048	To which of the following reporting systems does the fa data?  (Please check the monthly reporting forms used by the		C/HIV testing	
Α	Health Management Information System (HMIS)	1. Yes □	0. No □	
В	HIV process owner/program	1. Yes □	0. No □	
С	Nongovernmental organizations or institutions	1. Yes □	0. No □	
D	Other reporting system	1. Yes □ ————————————————————————————————————	0. No □	
FQ_049	What is the source document used by this facility for monthly reporting of HIV testing? We are primarily interested in the source document that is used for compiling monthly summary statistics for HIV test positive clients. Please report if any locally developed documents are used.	OPD register  IPD register  VCT tally sheet  PIHTC tally sheets  PEP register  Other (specify)		2 3 4 8

REVIEW THE SOURCE DOCUMENTS USED TO COMPILE AND SUMMARIZE INFORMATION FOR MONTHLY REPORTING FOR HIV TESTING AND ANSWER THE FOLLOWING QUESTIONS

FQ_050	Please confirm the availability of source documents for HIV testing for month 1 to month 3. If available, please Recount the number of HIV tested positive clients recorded in the source document for month 1 to month 3	(A) :	Source docume	nts available		te do	of par sted HIV i cum	tient posi in so ent (	num s who itive to ource (if no onter 0	o ior ne,
		Yes, available and complete*	Yes, available but partly** complete	No						
01	Month 1	1	2	3	0					
02	Month 2	1	2	3	0					
03	Month 3	1	2	3	0					
FQ_051	If the source document (VCT register/PIHTC tally sheet) is not ava what are the possible reasons?  If the source documents (VCT register/PIHTC tally sheet) are partial.	Ilable, Abs	rage or archivin sence of design ck out of source er (specify):	ated staff document			2	3 96	1	
	register/PIHTC tally sheet) are partial complete or has no data, what are possible reasons for the missing data	the Not a? Pre: Dat 4	understanding sence of other value of other value of the condition of the	vertical report much data el is not designe	ting requi ements to ed as usei	remo	ent reco	orde	3 d)	<u>.</u> 5
REVIEW THE	MONTHLY REPORTS FOR HIV TESTING A	AND ANSWER THE FOLLOWING QUESTIONS.								
FQ_053	Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number of HIV tested positive clients recorded in the monthly reports for month 1 to month 3.	(A) Monthly reports available  (B) Record the number of patients who tested positive for HIV from the monthly report (if missing, leave blank)								
		Yes, available ar complete*		Yes, available bu no data recorded	) No					

01	Month 2	1	2	3	0				
02	Month 3	1	2	3	0				
03	Month 2	1	2	3	0				
	OMPLETE means that the monthly repo ARTLY: the monthly report is available				d indicate	or.			
DATA COM	MPLETENESS								
FQ_054	If the monthly report for HIV testing i available, what are the possible rec	sons? Abs	rage or archivin ence of design ck out of source er (specify):	ated staff document			2		
FQ_055	If the monthly report of HIV testing is partially complete or has no data, vare the possible reasons for the miss data?	vhat ing Noi Pre Da:  The	ifing issue(s)(sho understanding sence of other v a burden (too r recording tool re is no client to er (specify):	the data elem vertical reporting much data elem is not designed be reported	ent ng require ments to  I as user f	men be re	ecord	2 3 led) 4 5	
DISCREPAN	NCIES								
FQ_056	If there was a discrepancy observed between the source document and monthly report, what are the reason the discrepancy?	I the Arit Info Dar Illeg	a entry errors  nmetic errors  rmation from al  a burden (too r  jible writing on t  k of emphasis for  er (specify)	I source docun	ments not	com be re	npileo 3 eporte 4 eadak 5	2 d corr 3 ed) 4 ole)	rectly

	5. MALARIA INDICATOR							
NUMBER OF CONFIRMED MALARIA CASES								
FQ_057	Does this facility diagnose and treat malaria?	1. Yes □	0. No □	<b>→</b> FQ_068 (if No)				
SOURCE D	OCUMENTS AND REPORTS							
FQ_058	Does this facility report malaria data to a reporting system?	1. Yes □	0. No □	→FQ_068 (if No)				

FQ_059	To which of the following reporting s (Please check the monthly reporting	•		, ,		data	ŝ				
Α	Health Management Information Sy	rstem (H	MIS)	1. Yes □		1.0	40 <b></b>				
В	Malaria program			1. Yes □		1.0	10 <b></b>				
С	Nongovernmental organizations or i	nstitutio	ns	1. Yes □	1. Yes □ 0. No □						
D	Other reporting system			1.Yes		1.0	No 🗆				
FQ_060	What is the source document used I monthly reporting of malaria? We a interested in the source document to compiling monthly summary statistic Please report if any locally developed documents are used.	re primo hat is us as for mo	rily ed for		ory register						6
REVIEW THE SOURCE DOCUMENTS USED TO COMPILE AND SUMMARIZE INFORMATION FOR MONTHLY REPORTING FOR MALARIA AND ANSWER THE FOLLOWING QUESTIONS											
FQ_061	Please confirm the availability of source documents for malaria for month 1 to month 3. If available, please Recount the number of conf. malaria cases recorded in the source document month 1 to month 3.	(A) Source documents available  (B) Recount the number of con malaria cases the source documents (if none, please enter 0)						conf. es in e s (if ase			
		Ye avail an comp	able Id I	Yes, available but partly** complete	Yes, available I no data recorde		No				
01	Month 1		1	2	3		0				
02	Month 2		1	2	3		0				
03	Month 3		1	2	3		0		Ļ	<u> </u>	Щ
Take the last 15 entries recorded in the Lab register for each reporting period and check if all the data elements relevant to the selected indicator are filled in.  *COMPLETE means that the source document contains the data relevant to the selected indicator. **PARTLY: the register is available but some information is missing.											
FQ 062											

re partially complete or has no data, what are the possible reasons for the missing data?  REVIEW THE MONTHLY REPORTS FOR CONFIRMED MALARIA  FQ_064  Please confirm the availability of			(A) Monthly reports available (B) Record the								the
	monthly reports for month 1 to month 3. If available, please report the number of # of conf. malaria cases recorded in the monthly reports for month 1 to month 3.	number conf. m cases fr monthly r missing						mala irom repo	ria the orts (if		
		Yes, Yes, Yes, No available and available available but complete* but partly** no data complete recorded				No					
01	Month 1		1	2	3	0					
02	Month 2		1	2	3	0					
03	Month 3		1	2	3	0					
	OMPLETE means that the monthly repo ARTLY: the monthly report is available					d indicat	or.				
	APLETENESS	501 3011	ie iiiioii	TIGHOTI IS TIHSS	ilig.						
FQ_065	If the monthly report for malaria is no available, what are the possible rea		Storage or archiving problems1 Absence of designated staff2 Stock out of source document3 Other (specify):96								
FQ_066	If the monthly report of malaria is po complete or has no data, what are possible reasons for the missing data	rtage, absence the data elem vertical reportin nuch data eler	ent g require ments to	em be	ent e rec	orde	2 3 ed)				
		The recording tool is not designed as user friendly  There is no client to be reported						5 6			
DISCREPAN	NCIES										

FQ_067	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Data entry errors1 Arithmetic errors2 Information from all source documents not compiled correctly3 Data burden (too much data elements to be reported)4
		Illegible writing on the source document (not readable)

SOURCE DOCUMENTS AND REPORTS  FQ_069 Does this facility report pneumonia data to a reporting system?  FQ_070 To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  A Health Management Information System (HMIS)  B IMNCI program  1. Yes □ 0. No □  C Nongovernmental organizations or institutions  1. Yes □ 0. No □  To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  1. Yes □ 0. No □  To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting systems in the facility report pneumonia? Yes □ 0. No □  SPECIFY  IMNCI register □ 1  OPD register □ 2		6. DISEASE IN UNDER FIVE CHILDREN INDICATOR								
SOURCE DOCUMENTS AND REPORTS  FQ_069 Does this facility report pneumonia data to a reporting system?  FQ_070 To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  A Health Management Information System (HMIS)  B IMNCI program  C Nongovernmental organizations or institutions  D Other reporting system  7. Yes □ 0. No □  SPECIFY  FQ-071 What is the source document used by this facility for monthly reporting of pneumonia? We are primarily  OPD register		NUMBER OF UNDER FIVE CHILDRE	N WITH PNEUMONIA	A						
FQ_069 Does this facility report pneumonia data to a reporting system?  FQ_070 To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  A Health Management Information System (HMIS)  B IMNCI program  1. Yes □  0. No □  C Nongovernmental organizations or institutions  1. Yes □  0. No □  The square of the facility of the health facilit	FQ_068		1. Yes □	0. No 🗆	→FQ_079 (if No)					
reporting system?  To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  A Health Management Information System (HMIS)  B IMNCI program  1. Yes □  0. No □  C Nongovernmental organizations or institutions  1. Yes □  0. No □  To which of the following reporting systems does the facility report pneumonia data? (please check the monthly reporting forms used by the health facility)  1. Yes □  0. No □  To which of the following reporting systems does the facility for monthly reporting of pneumonia? We are primarily  No What is the source document used by this facility for monthly reporting of pneumonia? We are primarily  OPD register	SOURCE DO	OCUMENTS AND REPORTS								
(please check the monthly reporting forms used by the health facility)  A Health Management Information System (HMIS)  B IMNCI program  1. Yes □  0. No □  C Nongovernmental organizations or institutions  1. Yes □  0. No □  1. Yes □  0. No □  The square of the monthly reporting domination system (HMIS)  The square of the monthly reporting system (HMIS)  The square of the monthly reporting domination system (HMIS)  1. Yes □  0. No □  The square of the monthly reporting system (HMIS)  The square of the monthly reporting domination system (HMIS)  The square of the monthly reporting domination system (HMIS)  The square of the monthly reporting domination system (HMIS)  The square of the monthly reporting domination system (HMIS)  The square of the squa		1 ' ' '	1. Yes □	0. No 🗆	→FQ_079 (if No)					
B IMNCI program  C Nongovernmental organizations or institutions  1. Yes □ 0. No □  D Other reporting system  7. Yes □ 0. No □  SPECIFY  What is the source document used by this facility for monthly reporting of pneumonia? We are primarily  ON O ON O □  IMNCI register OPD regis	- To which of the following reporting systems does the facility report pheometric data?									
C Nongovernmental organizations or institutions  D Other reporting system  7. Yes   O. No   SPECIFY  What is the source document used by this facility for monthly reporting of pneumonia? We are primarily  OD register	A	Health Management Information System (HMIS)	1. Yes □	0. No □						
D Other reporting system  7. Yes  0. No  SPECIFY  What is the source document used by this facility for monthly reporting of pneumonia? We are primarily  OPD register	В	IMNCI program	1. Yes □	0. No □						
FQ-071 What is the source document used by this facility for monthly reporting of pneumonia? We are primarily    MNCI register	С	Nongovernmental organizations or institutions	1. Yes □	0. No □						
monthly reporting of pneumonia? We are primarily  OPD register	D	Other reporting system		0. No 🗆						
interested in the source document that is used for compiling monthly summary statistics for Pneumonia.  Please report if any locally developed documents are used.  IPD register3  Disease tally sheets4  Other (specify)96  REVIEW THE SOURCE DOCUMENTS USED TO COMPILE AND SUMMARIZE INFORMATION FOR MONTHLY REPORTING FOR		monthly reporting of pneumonia? We are primarily interested in the source document that is used for compiling monthly summary statistics for Pneumonia. Please report if any locally developed documents are used.	OPD register  IPD register  Disease tally sheets Other (specify)	2 3 4 96						

PNEUMONIA AND ANSWER THE FOLLOWING QUESTIONS

FQ_072	Please confirm the availability of source documents for pneumonia in under-five for month 1 to month 3. If available, please Recount the number of under-five children with pneumonia recorded in the source document for month 1 to month 3.		(A) S	(B) Recount the number of unde five children wit pneumonia in th source documer (if none, please enter 0)					
		Yes availd and compl	able d	Yes, available but partly** complete	Yes, available but no data recorded	No			
01	Month 1	1		2	3	0			
02	Month 2	1		2	3	0			
03	Month 3	1		2	3	0			
	e register is available but some information of the source document (IMNCI regis	PLETE means that the source document(s) contain the data relevant to the selected indicator. **PARTLY: gister is available but some information is missing.  the source document (IMNCI register/ DPD tally sheet) is not available, what are ne possible reasons?  Storage or archiving problems							
FQ_074	If the source documents (IMNCI region OPD tally sheet) are partially complehas no data, what are the possible reasons for the missing data?	nplete or						2 3 rded) 4	5
REVIEW THI	E MONTHLY REPORTS FOR PNEUMONIA I	N UNDER	R_FIVE (	CHILDREN ANI	D ANSWER THE I	OLLOWI	NG QUES	STIONS.	•
FQ_075	Please confirm the availability of monthly reports for mont h1 to month 3. If available, please report the number under-five children with pneumonia recorded in the monthly reports for month 1 to month 3.		(A)	Monthly repo	rts available		numbe five cl pneur the reports	nildren monia month	nder- with from lly ssing,

		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No		
01	Month 2	1	2	3	4		
02	Month 3	1	2	3	4		
03	Month 2	1	2	3	4		

<sup>\*</sup>COMPLETE means that the monthly report contains the data relevant to the selected indicator.

<sup>\*\*</sup>PARTLY: the monthly report is available but some information is missing.

**	PARTLY: the monthly report is available but son	ne information is missing.
DATA CO	MPLETENESS	
FQ_076	If the monthly report for pneumonia in under-five children is not available, what are the possible reasons?	Storage or archiving problems 1 Absence of designated staff 2 Stock out of source document 3 Other (specify):96
FQ_077	If the monthly report of pneumonia in under-five children is partially complete or has no data, what are the possible reasons for the missing data?	Staffing issue(s) (shortage, absence)1 Not understanding the data element2 Presence of other vertical reporting requirement3 Data burden (too much data elements to be recorded)4 The recording tool is not designed as user friendly5 There is no client to be reported6 Other (specify):96
DISCREPA	NCIES	
FQ_078	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Data entry errors

#### 7. HOSPITAL/HEALTH CENTER SERVICE QUALITY INDICATOR

**NUMBER OF INPATIENT DEATHS** 

FQ_079	Does this facility provide admission s	ervices?	I. Yes ⊔	1. Yes □ 0. No □			→FQ_090 (if No)			)	
SOURCE DO	OCUMENTS AND REPORTS										
FQ_080	Does this facility report inpatient decreporting system?	aths data to a	1. Yes □		0. No □	-	<b>≯</b> FC	ર_09	O (if	No	)
FQ_081	To which of the following reporting s data?										
_	(Please check the monthly reporting	•	1. Yes		0. No 🗆	<b>–</b>					
Α	Health Management Information Sy	stem (HMIS)	1.163 🗆	'	0. NO <b>L</b>						
В	Hospital Quality Improvement progr	am	1. Yes □	(	0. No 🗖						
С	Nongovernmental organizations or i	nstitutions	1. Yes □		0. No 🗖						
D	Other reporting system		1. Yes □  SPECIFY		0. No 🗆						
FQ_082	What is the source document used I monthly reporting of inpatient death primarily interested in the source do used for compiling monthly summar inpatient deaths. Please report if an developed documents are used.	IPD dise	ster ase tally shee gister pecify)	ets			3				
	SOURCE DOCUMENTS USED TO COMPLEATHS AND ANSWER THE FOLLOWING		ARIZE INFORMA	ATION FOR M	ONTHLY RE	PORT	ING	FO	R		
FQ_083	Please confirm the availability of source documents for inpatient deaths for month 1 to month 3. If available, please Recount the number of inpatient deaths recorded in the main source document for month 1 to month 3.	(A) S	(B) Recount the number of inpatient deaths in the source documents (if none, please enter 0)			1					
		Yes, available and complete*	Yes, available but partly** complete	Yes, available bu no data recorded	no t						
01	Month 1	1	2	3	0						
02	Month 2	1	2	3	0						
03	Month 3	1	2	3	0						
Tak	e the last 15 entries recorded in the IP	D registers for e	each reporting	g period and	check if al	the	dat	a el	eme	ents	

relevant to the selected indicator are filled in.

\*COMPLETE means that the source document contains the data relevant to the selected indicator. \*\*PARTLY: the register is available but some information is missing.

FQ_084	If the source document (IPD register/ IPD tally sheet) is not available, what are the possible reasons?			nce of designo out of source	g problems ated staff document			2				
		r have ons for	Not understanding the data element2 Presence of other vertical reporting requirement3 Data burden (too much data elements to be recorded) 4 The recording tool is not designed as user friendly5 Other (specify):96  AND ANSWER THE FOLLOWING QUESTIONS.									
FQ_086	Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number inpatient deaths recorded in the monthly reports for month 1 to month 3.		(A) Monthly reports available					(B) Record the number of inpatient deaths from the monthly reports (if missing, leave blank)				
		Yes, Yes, Yes, No available and complete* but partly** no data complete recorded										
01	Month 2		1	2	3	0						
02	Month 3		1	2	3	0						
03	Month 2		1	2	3	0						
	OMPLETE means that the monthly repo ARTLY: the monthly report is available APLETENESS					d indicate	or.					
FQ_087	If the monthly report for inpatient de	eaths is	Storge	ac or grahiving	a problems		1					
	not available, what are the possible reasons?			Storage or archiving problems       1         Absence of designated staff       2         Stock out of source document       3         Other (specify):       96								
FQ_088	If the monthly report of inpatient deaths is partially complete or has no data, what are the possible reasons for the missing data?			Staffing issue(s)(shortage, absence)								

DISCREPAN	DISCREPANCIES									
FQ_089	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?  [ask the person that compiles and prepares the report or the HMIS department head]	Data entry errors								
	8. TB INDICATOR									

	8. TB INDICATOR								
	NUMBER OF TB CASES (A	ALL TYPES)							
FQ_090	Does this facility provide TB diagnosis and/or treatment?	1. Yes □	0. No □	→FQ_204 (if No)					
SOURCE DO	OCUMENTS AND REPORTS								
FQ_091	Does this facility report the <b>total number of TB cases</b> (all <b>types</b> ) to a reporting system?	1. Yes □	0. No 🗆	→FQ_204 (if No)					
FQ_092	To which of the following reporting systems does the fa cases (all types)?	cility report the <b>total</b>	number of TB						
A	Health Management Information System	1. Yes □	0. No 🗆						
В	National TB program	1. Yes □	0. No 🗆						
С	Nongovernmental organizations or institutions	1. Yes □	0. No 🗆						
D	Other reporting system	1. Yes   SPECIFY	0. No □						
FQ_093	What is the source document used by this facility for quarterly reporting of notified TB cases? We are primarily interested in the source document that is used for <b>compiling</b> quarterly summary statistics for the <b>total number of TB cases (all types)</b> . Please report if any locally developed documents are used.	UNIT TB register Other (specify)		96					

REVIEW THE SOURCE DOCUMENTS USED TO COMPILE AND SUMMARIZE INFORMATION FOR MONTHLY REPORTING FOR TB CASES AND ANSWER THE FOLLOWING QUESTIONS

FQ_094	Please confirm the availability of the source document used at the facility to compile the number of notified cases of TB for the quarter (Month 1 to month 3). If available, please recount and record the number of notified cases of TB as recorded in the main source document for the quarter (month 1 to month 3).	(A) Source documents available					(B) Recount the number of notified cases of TB in the source documents (if none, please enter 0)		
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No				
01	Quarter (Month 1 to Month 3)	1	2	3	0				
Take the last 10 entries recorded in the Unit TB registers for each reporting period and check if all the data elements relevant to the selected indicator are filled in.  *COMPLETE means that the source document contains the data relevant to the selected indicator. **PARTLY: the register is available but some information is missing.  FQ_097 If the source document (TB unit register) is storage or archiving problems									
	not available, what are the possible reasons?	Abse Stock Othe	ence of designated staff2  k out of source document3  er (specify):96						
FQ_098	If the source documents (TB unit reg are partially complete or have no d what are the possible reasons for the missing data?	lata, e Not u Prese Data 4 The re	ng issue(s)(shortage, absence)						
FQ_095	From the TB register, count the total cases <b>that were transferred in</b> for the period (month1 to month 3). Please total number for the quarter.	e verification	(B) =						
	(If none, please enter 0.)								
FQ_096	CALCULATE C: TOTAL NUMBER OF TB THE TB REGISTER MINUS THE TRANSFEI CASES. (TRANSFERRED-IN CASES ARE INCLUDED IN THE RECEIVING UNIT'S OR REGISTRATIONS.)	RRED-IN NOT	TB CASES TH	AT SHOULD BE I	REPORTED	)			
REVIEW THE	REVIEW THE QUARTERLY REPORTS FOR TB CASES AND ANSWER THE FOLLOWING QUESTIONS.								

FQ_099	Please confirm the availability of the quarterly report for the number of notified cases of TB for month 1 to month 3. If available, please record the number of notified cases of TB as recorded in the quarterly report for month 1 to month 3.	(A) Quarterly reports available					(B) Record the number of notified cases of TB in the quarterly report (if missing in the quarterly report, leave blank)			
		Yes, available and complete*		Yes, available but partly** complete	Yes, available but no data recorded	No				
	01. Quarterly report for month 1 to month 3	1		2	3	0	D=			
	OMPLETE means that the monthly re ARTLY: the monthly report is availal	-				ected indi	cator.			
DATA COMPLETENESS										
FQ_200	If the quarterly report for notified TB cases is not available, what are the possible reasons?			Storage or archiving problems1 Absence of designated staff2 Stock out of source document3 Other (specify):96						
FQ_201	If the quarterly report of notified is partially complete or has no do are the possible reasons for the r data?	ata, what	No Pre Da  The	t understandingsence of other ta burden (to erecording to ere is no client	ng the data ender vertical report of much data	element orting req elements  gned as us	1 2 juirement3 to be recorded)4 ser friendly566			
DISCREPAN	NCIES									
FQ_202	CALCULATE THE DIFFERENCE BETW AND D (from FQ_099)	VEEN C (fro	om FG	Q_098) C - D	=		→FQ_204 (if 0)			
FQ_203	If there was a discrepancy obser between the source document of the quarterly report, what are the reasons for the discrepancy?	and Arithmetic errors								
	Ille			Illegible writing on the source document (not readable)5 Lack of emphasis for data accuracy6 Other (specify)96						

REPORT TIM	MELINESS				
FQ_204	A. Is there a deadline for submission report by the health facilities?	1. Yes □	0. No 🗆	→FQ 205 (if No)	
	B. If yes, what is the deadline (date	Reporting deadline			
	(Write the end date of the deadline				
FQ-205	Does the health facility record the dates of submission of monthly HMIS reports to the Woreda/Zone/Region (see logbook/computer)?		1. Yes □	0. No 🗆	→FQ_207 (if No)
	IF AVAILABLE, REVIEW THE RECORDS	AND CHECK THE DA	ATES OF SUBMISSION	FOR THE THREE REV	IEW MONTHS
		A. Service	B. IPD	C. OPD	
FQ_206_01	Were the following HMIS monthly reports submitted on time in Month 1?	1. Yes □ 0. No □	1. Yes □ 0. No □	1. Yes □ 0. No □	
	(Current practices is submission on or before 26 <sup>th</sup> of the month)				
FQ_206_02	Were the following HMIS monthly	1. Yes □	1. Yes □	1. Yes □	
	reports submitted on time in Month 2?	0. No □	0. No □	0. No □	
	(Current practices is submission on or before 26 <sup>th</sup> of the month)				
FQ_206_03	Were the following HMIS monthly	1. Yes □	1. Yes □	1. Yes □	
	reports submitted on time in Month 3?	0. No □	0. No □	0. No □	
	(Current practices is submission on or before 26 <sup>th</sup> of the month)				

DATA QUA	DATA QUALITY ASSESSMENT MECHANISM								
FQ_207.	Does the health facility have data quality self- assessment tools (e.g. LQAS tool, electronic data quality validation rule/system)?	1. Yes, observed	0. No 🗆	→FQ_212 (if No)					
FQ_208.	Did the health facility conduct LQAS in the review three months?  (Please observe)	1. Yes, observed	0. No □	→FQ_212 (if No)					

Month 1

Month 2

Month 3

If Yes, which types of the report are covered by the LQAS?

FQ\_209.

Types of Reports

	01. For service report		1. Yes <b>[</b>		1. Ye	s 🗖		1. Yes □	
			0. No E	]	0. No □			0. No □	
	02. For disease report		1. Yes [	□ 1. Y		1. Yes □		1. Yes □	
			0. No E	□ 0.		0. No □		0. No □	
FQ_210.	Does the health facility maintain a	record of LQAS	1. Yes. o	observed		0. No			
	check sheets conducted in the rev months?								
FQ_211.	Does the health facility maintain re feedback to staff on data quality s findings?	1. Yes, o	observed		0. No				
DATA PRO	CESSING AND ANALYSIS								
FQ_212.	Does the health facility use an elect database/system for routine health management?		1. Yes □	C	). No		<b>→</b> F0	Q_2 14 (if No)	
FQ_213.	If yes, indicate the type of electronic	c system used fo	r routine he	ealth data	a man	agemer	nt.		
FQ_213.	If yes, indicate the type of electronic	A. F	or data en	try	a man	B. F	or do	ata analysis	
FQ_213.	O1. National open-source data processing system (e.g.,				a man		or do	ata analysis 0. No	
FQ_213.	O1. National open-source data processing system (e.g., DHIS 2)  O2. National proprietary	A. F	or data en	try	a man	B. F	or do		
FQ_213.	O1. National open-source data processing system (e.g., DHIS 2)	A. F	or data en	try	man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data	A. F	or data en	try	a man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet	A. F	or data en	try	a man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data processing module	A. F	or data en	try	a man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data processing module	A. F	or data en	try	a man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data processing module	A. F	or data en	try	a man	B. F	or do		
FQ_213.	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data processing module	A. F  1. Yes  FACILITY OFFICE OR DISPLAYS THAT	or data ent 0.	No P-TO-DA1	Ë (I.E.,	B. F 1. Yes	ORE T	0. No	
	Electronic system  01. National open-source data processing system (e.g., DHIS 2)  02. National proprietary software (e.g., e-HMIS)  03. Excel-based spreadsheet  04. Access-based data processing module  05. Other (specify)  ASK RELEVANT STAFF IN THE HEALTH OLD) REPORTS, DOCUMENTS, AND/O	A. F  1. Yes  FACILITY OFFICE OR DISPLAYS THAT	or data ent 0.	No P-TO-DA1	E (I.E.,	B. F 1. Yes  NOT MC	ORE TI	0. No	

В.	Demographic data on the catchment population of the health facility for calculating coverages.	1. Yes, observed □	0. No 🗆
C.	Indicators (e.g., Penta3 coverage) calculated for the health facility catchment area within the review three months.	1. Yes, observed □	0. No □
D.	Comparisons between health facility and Woreda/national targets.	1. Yes, observed □	0. No 🗆
E.	Comparisons of data over time, i.e., monitoring trends (e.g., for ANC, Penta3).	1. Yes, observed □	0. No □
F.	Comparisons of sex-disaggregated data (e.g., for Penta3, HIV testing, PIHCT).	1. Yes, observed □	0. No 🗆
G.	Comparisons of service coverage between associated services (e.g., ANC, TI immunization, SBA).	1. Yes, observed □	0. No 🗆

This so chick	tion is applicable only for the health centers that have health post under their supervision									
	NESS OF HEALTH POSTS REPO					posi unc	aer men	supervi	SIOH	
FQ_215.	Does this health facility have under its supervision?	at least	one hea	lth post		Yes1 No0				
	If No, skip to FU_003									
FQ_216.	Does the health center keep				Yes, p	aper-ba	sed only			1
	database to track monthly HMIS reports sent by the health posts? (observe)			Yes, e	electronic	only			2	
					Yes, b	oth pap	er-based	and ele	ctronic sy	rstems <u>3</u>
					No					<u>O</u>
FQ_217.	Does the health center keep				Yes, p	aper-ba	sed only			1
	reports (paper-based or election posts? (observe)	ctronic) s	ent by th	e nealth	Yes, e	electronic	only			2
	(Check the reports for the thi	ree revie	w month	s)		Yes, both paper-based and electronic copies (all health posts submit both types of reports)3				
						Yes, mixed (some health posts submit paper-based reports; others submit electronic reports)4				
					No				0	
FQ_218.	How many health posts are s health center and by what r		ndus ot b	nit the mo	onthly HM	11S report	(service	and dise	ase) to th	ne
	Health facility type* (*Specify the facility	A. Pap	er-based only	l report	B. Elect	ronic rep	ort only		paper a nic repor	
	type according to the structure of the country's health system.)	Service	Disease	Quarterly	Service	Disease	Quarterly	Service	Disease	Quarterly

	05. Health posts									
FQ_219.	CHECK THE MONTHLY H	MIS REPO	RTS SUBMI	TTED BY	THE HEA	ALTH POSTS	DURING TH	IE REVIEW	PERIOD	
	How many health posts	actually	submitted	d month	ly HMIS	(service ar	nd disease)	reports fo	or:	
	A. Month 1	/ear	ś							
	Health facility type*		A. Paper	-based	report		onic report		h paper o	
	(*Specify the facility t		only			C	only	electr	onic repo	orts
	the country's health s		Φ		Ō	Ð	ų.	υ		O
	ine coomy sheams	, y 31 C 111. j	Service		Disease	Service	Disease	Service		Disease
			Se		Dis	Sel	Dis	Se		Dis
	01. Health posts									
	'									
	B. Month 2y	rear	ş							
	Health facility type			basad	ronord.	D Electr	onio vonovi	C Pari	lb nanar a	d
	неанн тасшту туре		A. Paper only	-basea	report		onic report only		h paper o onic repo	
							<u> </u>			
			<u>0</u>		ase	ice	gse	9		Disease
			Service		Disease	Service	Disease	Service		is e
			S		Δ	S		S		Δ
	01. Health posts									
	C. Month 3	/ear	ŝ							
	Health facility type	A. Pap	er-based i	report	B. Ele	ctronic rep	ort only		aper and	I
			only					electron	c reports	
		ø	ψ	Ę	Φ	φ	r Ž	Φ	ø	<u>₹</u>
		Service	Disease	Quarterly	Service	Disease	Quarterly	Service	Disease	Quarterly
		Se	Š	ď	Se	Š	Ø	Se	Ois	ð
	01. Health posts									
50.000	151									
FQ_220.	If health posts are not s what are the possible re			HMIS rep	oorts,	Statting iss	sue(s) porting sup	pplies		1 2
	·					Transport	ation issue(	s)		3
							onnectivity of other ve			
						5	or orner ve	тісапер	oning requ	Jiremenis
							r system fa			
						Electric su	pply interru	uption		7
						Other (spe	ecify)			96

	AFLINIESS									
REPORT TIM	EL	INESS								
FQ_221.	A. Is there a deadline for submission of the monthly HMIS report by the health posts?				1. Yes □ 0. No □				→FU_003 (if No)	F
		s. If yes, what is the deadline (da Write the end date of deadline)	te of month	ن	Reporting deadline:					
FQ_222.	n	Does the health center record re nonthly CHIS reports (observe log ystem)?			1. Yes □		0. N	lo 🗆	→FU_003 (if No)	F
FQ_223.	(	Check the receipt dates for the t	hree review	months. Ho	w many repo	orts were	e rec	eived on tim	eș	
		Health facility type	A. Paper-bo only	ased report	B. Electro or	nic repo nly	ort	C. Both pap electronic r		
			Service	Disease	Service	Disease		Service	Disease	
		01. Health posts								

#### Part 2. Use of Information: Health Facility Assessment Form

DATA VISUALIZATION							
FU_003	Does the health facility prepare data visuals (graphs, tables, maps, etc.) showing achievements toward targets (indicators, geographic and/or temporal	Yes, all paper or electr of data visuals observe health facility	ed at the	→FU_005 (if No)			
	trends, and situation data)?	Yes, some paper or elections of data visuals of the health facility					
		No	0				
FU_004	If yes, what type of information is captured in the data visuals and is it updated as per the standard?						
Α	Map of catchment area	1. Yes, observed □	0. No □				
В	Catchment population profile	1. Yes, observed □	0. No 🗆				
С	Staffing	1. Yes, observed □	0. No □				
D	Ten Top Causes of Morbidity (Males & Females)	1. Yes, observed □	0. No 🗆				
E	Ten Top Causes of Morbidity In < 5 Children	1. Yes, observed □	0. No 🗆				
F	ANC coverage	1. Yes, observed □	0. No 🗆				
G	Skilled attendant deliveries	1. Yes, observed □	0. No □				
Н	Penta-3 immunization coverage	1. Yes, observed □	0. No □				
I	Measles immunization coverage	1. Yes, observed $\square$	0. No 🗆				
J	Malaria, all ages	1. Yes, observed □	0. No □				
K	Pneumonia amongst Under 5 years	1. Yes, observed □	0. No □				
L	HIV/AIDS (VCT)	1. Yes, observed □	0. No 🗆				
М	HIV/AIDS (PMTCT)	1. Yes, observed □	0. No □				
Ν	HIV/AIDS (ART)	1. Yes, observed □	0. No □				
0	Other (specify)	1. Yes, observed $\square$	0. No 🗆				

HMIS ANA	HMIS ANALYTIC REPORT PRODUCTION							
FU_005	Does the health facility have analyzed HMIS data	Yes, observed paper-based1						
	(e.g., summary tables, charts, maps)?	Yes, observed electronic2						
		No0						

FU_006	(applied guarterly etc.) based on analysis of HAMS		Yes, observed		→FU_009 (if No)	
	(Excluding the monthly summary/a submitted to the higher level.)	ggregate reports				
FU_007	If yes, list the reports, indicating the actually issued in the last 12 months	frequency of the re	ports and the number	of times the rep	orts were	
	Title of the report/bulletin  (A)	Number of times this report is supposed to be issued per year	Number of times this report was actually issued in the last 12 months	ce of the NOH, RHB, ZHD, tion, mmunity		
		(B)	(C)	forums, genera		
01						
02						
03						
FU_008	Do any of these reports and/or bull- discussions and decisions/recomme on key performance targets based such as:	endations based				
	01. Maternal and Child health		1. Yes □	0. No □		
	02. Health Promotion and Diseas	e prevention	1. Yes □	0. No □		
	03. Public health emergency		1. Yes □	0. No □		
	04. Human resource manageme	nt	1. Yes □	0. No □		
	05. Pharmaceuticals		1. Yes □	0. No □		
	06. Finance and Resource		1. Yes □	0. No □		
			1. Yes □	0. No □		

FEEDBACK	FEEDBACK TO HEALTH FACILITIES					
FU_009	Did the health facility receive feedback reports from the Region/Zone/Woreda health office based on HMIS information in the review three months?  (OBSERVE THE REPORT AND TICK ACCORDINGLY.)	1. Yes, observed	0. No 🗆	→FU_011(if No)		
FU_010	If yes, indicate the types of feedback reports:					

A	Feedback on data quality (including data accuracy, reporting timeliness, and/or report completeness)	1. Yes, observed □	0. No □
В	Feedback on service performance based on reported HMIS data (e.g., appreciation/ acknowledgement of good performance; resource allocation/mobilization)	1. Yes, observed □	0. No □

ROUTINE DECISION-MAKING FORUMS AND PROCESSES AT HEALTH FACILITY									
FU_011	Does the health facility have p team (PMT)?	erformance	monitorin	g	1. Yes		0 No		→FU_025 (if No)
FU_012	Is the PMT membership according to the standard? (Head of the institution, HMIS in charge and all representatives of the case teams)			1. Yes		0. No			
FU_013	(PMT) meetings supposed to take place?			Weekly 1 Monthly 2 Quarterly 3 Biannually 4 Annually 1 No schedule 1			2 3 4 5 0		
FU_014		ow many times did the performance monitoring team MT) meetings take place during the review three onths?			More than four times         1           Four times         2           Three times         3           Two times         4           One time         5           None         0			2 (if None) 3 4 5	
FU_015	Were minutes of performance monitoring	Mon	th 1	Month 2		Month 3		→FU_025 (if No)	
	team meetings maintained for the review three months?	1. Yes □	0. No □	1. Y	ſes □	0. No □	1. Yes □	0. No	
FU_016	Is the PMT using a standard PM record/logbook?	T minute	1. Yes, c	bser	erved 🗆 0. No 🗆				
	(Standard: Data Quality and Performance Monitoring logbo	ok)							
FU_017	Please indicate the reason(s) for the standard minute record/log (Select all that apply)	gbook.	Staff not trained/familiar with the logbook			2 3 26			
	Please check the performance chaired the meetings each mo	_	ı team mir	iute/i	record	s for the re	view three	months	to see who
FU018_01	Who chaired the meetings in N	facility HMIS in charg		-charge/medical director of the health 1 harge2 ım leaders/representatives3			.1 (if "1" .2 selected)		
FU018_02	Who chaired the meetings in M	10nth 2?	Facility i facility HMIS in	n-ch  char	arge/n ge	nedical dire	ector of the	e health	.1

FU018_03	Who chaired the meetings in Month 3?	Facility in-ch	arge/m	edical dire	ctor of th	ne healtl	n
		facility					
		HMIS in char					
FU 010		Case team I	eaders/i	representa	itives	1:	3
FU_019	Please indicate the reason(s) if the facility in						1
	charge/Medical director of the health facili						2
	chair the meeting (ask the HMIS focal person	on)				-	96
				эреспуј			/0
FU_020	Please check the performance monitoring	team minute/	records	for the rev	iew mon	ths	
	and see if the following topics were discusse						
Α	Were there discussions on HMIS manageme						→FU_021 (if
	data quality, completeness, or timeliness of	reporting?	1. Yes		0. No		No)
В	Were HMIS related issues identified and price	ritized?					→FU_021 (if
	•		1. Yes		0. No		No)
			1.103	_		_	
С	Were root cause analysis conducted for the	e prioritized					
O	HMIS related issues?	priorinzoa	1. Yes		0. No		
D		211411					
D	Was an action plan developed to address related issues?	ne HMIS	1. Yes		0. No		
_							
Е	Has any follow-up actions taken place base						
	decisions made during the previous meetin		1. Yes		0 110		
	related issues? (e.g., referring HMIS-related i	ssues to the		_	0. No	ы	
	higher level)						
FU_021	In the PMT meetings, were discussions held t	o review the	following	key perfo	rmance		<b>→</b> FU_022
_	targets (e.g., tracking progress against targ		·	, , ,			(if all are No)
Α							
	(Please check the performance monitoring		/records	for the rev	view moi	nths	
	and see if the following topics were discusse	ed)					
	01. Maternal and Child health		1. Yes		0. No		
	02. Health Promotion and Disease preve	ention	1. Yes		0. No		
		HIIOH	1 Vaa		0 No		-
	03. Public health emergency		1. Yes		0. No		
	04. Human resource management		1. Yes		0. No		
	05. Pharmaceuticals		1. Yes		0. No		
			1. Yes		0. No		
	06. Finance and Resource		1. Yes		0. No		
	07. Health Information System		1.163	<u> </u>	0.140		<b>&gt;</b> FIT 000 (; t
В	Has the PMT identified and prioritized perfor	mance					→FU_022 (if
	issues?		1. Yes		0. No		No)
С	Did the PMT conduct root cause analysis fo	r the	1. Yes		0. No		
	prioritized performance related issues?		1. 165		0.110	ы	
D	Has the PMT made any of the following dec	isions based	on the d	iscussion o	f the hed	alth	
	facility's performance?						
	01. Formulation of plans		1. Yes		0. No		

	02. Budget preparation	1. Yes □	0. No 🗆	
	03. Budget reallocation	1. Yes □	0. No 🛚	
	04. Medicine supply and drug management	1. Yes 🗆	0. No 🗆	
	05. Human resource management (training, reallocation, etc.)	1. Yes □	0. No 🗆	
	06. Advocacy for policy, programmatic, or strategic decisions from the higher level	1. Yes □	0. No 🛚	
	07. Health services (preventive, promotive, clinical, rehabilitative) planning	1. Yes □	0. No 🗆	
	08. Promotion of service quality/improvement	1. Yes □	0. No 🗆	
	09. Reducing the gender gap in the provision of health services	1. Yes □	0. No 🗆	
	Involvement of the community and local government	1. Yes □	0. No 🗆	
Е	Was an action plan developed?	1. Yes □	0. No 🗆	
F	Has any follow-up action taken place based on the decisions made during the previous meetings on performance-related issues? (e.g., referring performance-related issues for solution to the higher	1. Yes	0. No 🗆	
FU_022	Are any data display tools used during the performance review meetings?	1. Yes □	0. No 🗆	
FU_023	Which display tools were used during the performance review meetings in the review three months?	Manual/paper-bo Electronic Both	2	
FU_024	Were the performance review meeting minutes circulated to all members?	1. Yes □	0. No 🗆	

ANNUAL PLANNING						
FU_025	Does the heath facility have a five years strategic plan of the facility?	1. Yes, observed □	0. No			
FU_026	Does the heath facility have annual plan for the current year?	1. Yes, observed □	0. No		→FU_030 (if No)	
FU_027	Does the health facility plan reflect use of data from the HMIS for problem identification and/or root cause analysis?	1. Yes □	0. No			
FU_028	Does the health facility use HMIS data for target setting?	1. Yes □	0. No			

## SUPERVISION BY THE WOREDA

FU_030	How many times did the Region/Zone/Woreda supervisor visit your health facility over the review three months?(ISS and/or HMIS supervisory visit)	More than four times Four times Three times Two times One time None	2 3 4 5	→FU_035 (if No)
FU_031	Did the supervisor use the integrated supportive supervision and/or HMIS checklist during the most recent visit?	1. Yes  0.1	No 🗆	
FU_032	Did the supervisor(s) check the data quality?	1. Yes   0.1	No 🗆	
FU_033	Over the review three months, did the supervisor discuss your health facility's performance based on HMIS information?	1. Yes  0.1	No 🗆	→FU_035 (if No)
FU_034	If FU_033 is Yes, did the supervisor help you to make a decision or take corrective action based on the discussion?	1. Yes  0.1	No 🗆	
FU_035	Did the supervisor send a report/ written feedback to the health facility on the last supervisory visit(s)?	1. Yes   0.1	No 🗖	
SUPERVISIO	ON BY THE HEALTH CENTER			
FU_036	Did the Health center conduct internal supportive supervision/mentorship?	1. Yes   0.1	No 🗆	→FU_038 (if No)
FU_037	If yes, please check if there is written feedback on the last supervisory visit/mentorship?	1. Yes, observed □ 0.1	No 🗆	
DATA DISS	EMINATION OUTSIDE HEALTH SECTOR			
FU_038	Did the health facility submit/present health sector performance reports to a kebele/Woreda council (or other entities outside the health sector) in the past 12 months?	1. Yes   0. No		→FU_040
FU_039	Do those reports/presentations use data from the HMIS to show the health facility's progress?	1. Yes □ 0. No		
FU_040	Is there a website updated at least annually for accessing the health facility's HMIS data by the general public?	1. Yes   0. No		
FU_041	Are health facility performance data shared with general public via printed materials (e.g., brochures, newsletter, etc.) in the past six months?	1. Yes   0. No		
FU_042	Did the health facility conducted assessment(s) and disseminate findings in the last six months?	Yes, assessment is condu and findings disseminated		
		2. Assessment is conducted findings are not disseminat		
		0. No assessment conduct	ed 🗆	

FU_043	Did the health facility hold performance review meeting with community representatives in the last six months?	1. Yes	0. No	
GPS COO	RDINATES			
FQ_113	Please capture the GPS coordinates of health office. (Note: Enumerator may have to go outside to capture the coordinates)			

# Data use and data quality assessment tool: Health Post Level

#### **Purpose**

- 1. Identify CHIS data quality, disaggregated data, and information use issues.
- Quantify the levels of data quality (accuracy, reporting timeliness, and completeness) and information use status (access to CHIS data, existence of analyzed data, and use of CHIS data for monitoring and planning).
- 3. Identify issues/problems with data processing and processes for information use.

# Summary of Information Collected via the RHIS Performance Diagnostic Tool at the Health Post Level

#### Measuring Data Quality

Through analysis of program indicators, the RHIS Performance Diagnostic Tool quantifies the status of data completeness, timeliness, and accuracy, and thus provides valuable information on the adequacy of health post data to support planning and monitoring. The data quality assessment section of this tool is aligned with the data verification aspect of the DQR Tool. The RHIS Performance Diagnostic Tool has the following core recommended indicators to assess data quality:

S.N	Category	Indicators (data elements)	Remark
1	Maternal health	Number of births attended by skilled attendants	
2	Family planning	Total number of family planning acceptors	
3	Immunization	# of children under one year of age who have received third dose of pentavalent (Penta3) vaccine	

4	Disease	Number of under-five children with pneumonia	
5	Disease	Confirmed malaria cases	

At the health post level, the diagnostic tool compares the reported value of an indicator for a selected reporting period to recoded data by reviewing the source document for the same health post and period. The result is an estimate of the accuracy of reporting for the indicators in question for the whole program.

#### Measuring Information Use

The tool measures the continuous use of information to guide day-to-day operations, track performance, learn from past results, and improve service delivery. The tool focuses on the use of CHIS data for analytic report production, discussion, decision/actions, target setting, planning, and monitoring.

#### Assessing CHIS Data Management Processes

This section assesses various aspects of CHIS data management processes, including:

- Data processing, analysis, and presentation: the availability of a copy of CHIS data management guidelines; use of standardized CHIS data collection and reporting tools; evidence of data analysis; and visual representation of data.
- Data quality check: presence of data quality assurance guideline and tools; clearly assigned roles and responsibilities for data review; and regular internal data quality checks conducted by the health post.
- Feedback: existence of formal feedback loops to the staff collecting the data; health facilities receive regular written feedback on their performance; and quality of reported data.
- Supervision quality: supervision frequency; checking data quality; using data for discussion; helping in decision making; and supervisory feedback.

#### **Data Collection Method**

- Key informant interviews (health post in-charge and data manager, or those responsible for compilation, reporting, and analysis of data)
- Document review and observation (CHIS reports, electronic database, planning documents, meeting minutes, feedback reports/notes, guidelines)

# Part I. Data Quality Assessment: Health Post Form

INTERVIEWER VISITS								
HPQ_101.	Interview date							
HPQ_102.	Interviewer name							
HPQ_103.	Interviewer code							
111 &_100.	Please enter your 3-character identifier.							
HEALTH POST IDENTIFICATION								
	Select region	Addis Ababa						
		Afar						
		Amhara						
		Beneshangul Gumuz						
		Dire Dawa						
HPQ_104.		Gambella						
		Harari						
		Oromiya						
		SNNPR						
		Somali						
		Tigray						
	Zone/Sub-city							
HPQ_105.	Please enter the alphanumeric code that identifies this							
	level (up to 11 alphanumeric digits).							
HPQ_106.	Woreda							
111 &_100.	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).							
	Health post number							
HPQ_107.	(Please enter the unit number up to 10 digits, include							
	leading zeros.)							
HPQ_108.	Health post name							
HPQ_109.	Urban/rural	Urban 1						
		Rural 2						
GENERAL	INFORMATION							
READ THE FOLLOWING STATEMENT TO THE MANAGER, THE PERSON IN-CHARGE OF THE HEALTH POST, OR THE MOST SENIOR HEALTH WORKER RESPONSIBLE FOR OUTPATIENT SERVICES WHO IS PRESENT AT THE HEALTH POST.								
Good day! My name is We are here on behalf of [IMPLEMENTING AGENCY] conducting a survey of health facilities to assist the government in knowing more about the performance of routine health information systems in [COUNTRY].								

Your health post was randomly selected to participate in this study. We will be asking you questions about various health services and reporting of those services. Information about your health post may be used by the MOH, organizations supporting services in your health post, and researchers for planning service improvements or for conducting further studies of health services.

Neither your name nor that of any other health worker respondents participating in this study will be included in the dataset or in any report; however, there is a small chance that any of these respondents may be identified later. We are asking for your help to ensure that the information we collect is accurate.

You may refuse to answer any question or choose to stop the interview at any time. However, we hope you will answer the questions, which will benefit the clients you serve, the nation, and yourself.

If there are questions for which someone else is the most appropriate person to provide the information, we would appreciate it if you would introduce us to that person to help us collect the information.

At this point, do you have any questions about the study? Do I have your agreement to proceed?

INTERVIEWER'S SIGNATURE INDICATING CONSENT OBTAINED				
HPQ_110.	May I begin the interview?	1. YES 🗆		
		2. NO □		

PLEASE SELECT THE 3 REVIEW MONTHS THAT WILL BE USED DU	RING THIS ASSESSMENT
Month_1	Meskerem 2012
Month_2	Meskerem 2012.       1         Tikemet 2012.       2         Hidar 2012.       3         Tahesas 2012.       4         Tir 2012.       5         Yekatit 2012.       6         Megabit 2012.       7         Miyazia 2012.       8         Ginbot 2012.       9         Sene 2012.       10         Hamle 2012.       11         Nehase 2012.       12
Month_3	Meskerem 2012

		Tahesas 2012.       .4         Tir 2012.       .5         Yekatit 2012.       .6         Megabit 2012.       .7         Miyazia 2012.       .8         Ginbot 2012.       .9         Sene 2012.       .10         Hamle 2012.       .11         Nehase 2012.       .12
RESOURCE	S FOR DATA ASSESSMENT	
HPQ_10.	Are all the HEWs or health post's staff responsible to enter data/compile the health post reports?	1. Yes □ 0. No □
HPQ_11.	Are all the HEWs/health post staff involved in reviewing the quality of compiled data prior to submission to the next level, e.g., to health center or Woreda/District health office?	Yes 1 Partly (the data are reviewed but not all HEWs/staff are involved)2 Not at all0
HPQ_12.	Are the HEWs/health post staffs trained in:	
	C. CHIS related data entry/compilation	Yes (all received training in the past 12 months) 1 Mostly (all received training but not in the past 12 months) 2 Partly (some staff have received training in the past 12 months 3 Not at all0
	D. CHIS related data review and quality control?	Yes (staff have received training in the past 12 months) 1  Mostly (all staff have received training but not in the past 12 months)2  Partly (some staff have received training in the past 12 months)3  Not at all0
INDICATO	OR DEFINITIONS AND REPORTING GUIDELINES	
HPQ_13.	Does the health post have HMIS indicator definitions guideline?	1. Yes, observed   2. No
HPQ 14.	Is the CHIS user's auideline available at the health	1. Yes, observed   2. No

1	IMMIIN	ΙΖΔΤΙΩΝ	INDICATOR
	IVAVVAVOTA		INDICATOR

PENTAVALENT/DTP THIRD DOSE (PENTA/DTP) IN CHILDREN UNDER 1 YEAR

post?

HPQ_15.	Does this health post provide immunization services?			. Yes □		1.0	No 🗆		<b>→</b> I No		Q_02 <i>6</i>	(if	
SOURCE D	DOCUMENTS AND REPORTS												
HPQ_16.	Does this health post report immuniz reporting system?	zation data to c	a 1.	. Yes □		0.1	No 🗆		→I No		Q_02 <i>6</i>	(if	
HPQ_17.	To which of the following reporting s data? (Please check the reporting forms u				report imm	unizo	ation						
Α	Community Health Information Syste	em (CHIS)	1.	. Yes 🗆		1.0	No 🗆						
В	EPI program		1.	. Yes 🗆		1.0	V0 🗆						
С	Nongovernmental organizations or	institutions	1.	Yes 🗆		1.0	Vo 🗆						
D	Other reporting system			Yes L		1.0	No 🗆						
HPQ_18.	What is the source document used by this health post for monthly reporting of Penta3? We are primarily interested in the source document that is used for compiling monthly summary statistics for Penta3. Please report if any locally developed documents are used.			ield bo PI regis ntegrat		ard 4						96	5
	SOURCE DOCUMENTS USED TO COMI D ANSWER THE FOLLOWING QUESTION		ARIZE I	nfora	MATION FOR	MC	NTHLY R	ťΕΡ	ORT	ING	FOR		
HPQ_19.	Please confirm the availability of source documents for Penta3for Month 1 to Month 3. If available, please Recount the number of Penta immunizations recorded in the source document for Month 1 to Month 3.				ents availat	ole		r	num imm tl do	ber nuni he s cur one,	ount of Pe zatio ourc nents plec er 0)	entas ns in e s (if ise	
		Yes, available and complete*	but p	es, lable artly** plete	Yes, available l no data recorded		No						
01	Month 1	1		2	3		0						
02	Month 2	1		2	3		0						
03	Month 3	1		2	3		0						

Take the last 15 entries recorded in the register for each reporting period and check if all the data elements relevant to the selected indicator are filled in. If the service tally sheet is the source document, please takeout the family folder for the last 15 entries recorded in the service tally sheet for each reporting period and check if all the data elements relevant for the selected indicator are filled in. \*COMPLETE means that the source document contains the data relevant to the selected indicator. \*\*PARTLY: the register is available but some information is missing. HPQ 20. If the source document (EPI Storage or archiving problems 1 register/service tally sheet/field book) is Absence of designated staff2 not available, what are the possible Stock out of source document3 reasons? Other (specify): \_\_\_ 96 HPQ\_21. If the source document is partially Staffing issue(s)(shortage, absence)1 complete or has no data, what are the Not understanding the data element 2 possible reasons for the missing data? Presence of other vertical reporting requirement 3 Data burden (too much data elements to be recorded)..... .....4 The recording tool is not designed as user friendly 5 Other (specify): \_\_\_\_ REVIEW THE MONTHLY REPORTS FOR DPT3 (PENTA3) AND ANSWER THE FOLLOWING QUESTIONS. HPQ 22. Please confirm the availability of (A) Monthly reports available (B) Record the monthly reports for month 1 to number of Penta3 month 3. If available, please immunizations report the number of Penta3 from the monthly immunizations recorded in the reports (if missing, Service monthly reports for month leave blank) 1 to month 3. Yes. Yes. Yes. No available and available but available complete\* but partly\*\* no data complete recorded 01 Month 1 1 3 0 02 Month 2 1 3 0 03 Month 3 0 \*COMPLETE means that the monthly report contains the data relevant to the selected indicator. \*\*PARTLY: the monthly report is available but some information is missing. DATA COMPLETENESS HPQ 23. If the monthly report of EPI is not Storage or archiving problems 1 available, what are the possible reasons? Absence of designated staff2 Stock out of reporting forms3

Other (specify): \_\_\_\_\_

96

HPQ_24.	If the monthly report of EPI is partially complete or has no data, what are the possible reasons for the missing data?	Staffing issue(s)(shortage, absence) 1  Not understanding the data element 2  Presence of other vertical reporting requirement 3  Data burden (too much data elements to be recorded)
DISCREPA	NCIES	
HPQ_25.	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Data entry errors1 Arithmetic errors2 Information from all source documents not compiled correctly

	2. FAMILY PLANNING INDICATOR						
	TOTAL NUMBER OF WOMEN RECEIVED MOD	ERN CONTRACEF	TIVE METHOI	O\$			
HPQ_26.	Does this health post provide Family planning services?	1. Yes □	0. No □ →HPQ_037 (if No)				
SOURCE D	DOCUMENTS AND REPORTS						
HPQ_27.	Does this health post report family planning data to a reporting system?	1. Yes □	0. No □	→HPQ_037 (if No)			
HPQ_28.	To which of the following reporting systems does the health post report family planning data?						
	(Please check the reporting forms used by the health p	post)					
Α	Community Health Information System (CHIS)	1. Yes □	0. No □				
В	family planning department/program	1. Yes □	0. No 🗆				
С	Nongovernmental organizations or institutions	1. Yes □	0. No □				
D	Other reporting system	1. Yes	0. No 🗆				
		SPECIFY					

	What is the source document used I for monthly reporting of family plans primarily interested in the source do used for compiling monthly summar family planning. Please report if any developed documents are used.  SOURCE DOCUMENTS USED TO COMPANING AND ANSWER THE FOLLOWING	are hat is s for	Field bo Family p Female Other (s	planning registe health card 4 pecify)		 REPC	PRTII	NG	FOR	96		
HPQ_30.	Please confirm the availability of source documents for family planning users for month 1 to month 3. If available, please Recount the number of family planning users recorded in the source document for month 1 to month 3	(A) Source documents available			nı p	umk lani th doc nor	ning e so cum ne, p	ount of fa g use ource ents olea er 0)	mily ersin e s (if			
		Yes availa and compl	ble	Yes, available but partly** complete	Yes, available but no data recorded	No						
01	Month 1	1		2	3	0						
02	Month 2	1		2	3	0						
03	Month 3	1		2	3	0						
rele the all tl *CC **PA	last 15 entries recorded in the FP regis vant to the selected indicator are fille family folder for the last 15 entries recorded at a elements relevant for the selected at a elements relevant for the selected at a lement that the source document. The register is available but some lift the source document (family plan)	ed in.If the corded in ected inc ment cor ne inform	e service the ser dicator ntains that ation is	te tally sheet vice tally she are filled in. he data relev missing.	is the source de et for each rep vant to the sele	ocumen oorting p	t, ple erioc	ease d ar	e tal nd c	keoi chec		
HPQ_31.	register/service tally sheet/field boo not available, what are the possible reasons?	k) is	Absend Stock of	e or archiving ce of designa out of source (specify):	ated staff2				96			
HPQ_32.	If the source document (family plan register/service tally sheet/field boo partially complete or has no data, vare the possible reasons for the missidata?	k)is vhat ing	Staffing Not un Presend Data be record	g issue(s)(sho derstanding ce of other v burden (too r ed)	rtage, absence the data eleme rertical reportin nuch data eler s s not designed	e)1 ent 2 g require ments to as user f	be 	 3 ylb				
REVIEW THE QUESTIONS.	MONTHLY REPORTS FOR TOTAL NUMBI	ER OF FA	MILY PL	ANNING AC	CEPTORSAND A	NSWER 1	HE F	OLI	LOW	VINC	Ì	-

HPQ_33.	Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number of family planning users recorded in the monthly reports for month 1 to month 3	(A) Monthly reports available  (B) Record the number of FP acceptor from the monthly reports missing, leave blank)				P the ts (if			
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No				
01	Month 2	1	2	3	0				
02	Month 3	1	2	3	0				
03	Month 2	1	2	3	0		Ť		
	ARTLY: the monthly report is available  OMPLETENESS	but some infor	mation is missi	ng.					
HPQ_34.	If the monthly report of FP is not avo what are the possible reasons?	Abser Stock	ge or archiving oce of designation out of source (specify):	ated staff2			96		
HPQ_35.	If the monthly report of FP is partiall complete or has no data, what are possible reasons for the missing data	the Not u Presel Data record4 The retailed There	nderstanding nce of other v burden (too r ded)	rtage, absence the data elementerical reportin much data elementer is not designed be reported 6	ent 2 g require ments to	riendly (	•••••		
DISCREP/	ANCIES								
HPQ_36.	If there was a discrepancy observed between the source document and monthly report, what are the reason the discrepancy?	Arithn Inform Data repor Illegib	burden (too r ted)le writing on t	I source docum much data eler he source doci	ments to ument (r	be not read	3  lable .5		

	3. MALARIA INDICATOR									
	NUMBER OF	CONFIRME	D MALARIA	CASES						
HPQ_38.	Does this health post diagnose and	1. Yes □	0	. No □		HPG o)	2_048	3 (if		
SOURCE D	DOCUMENTS AND REPORTS									
HPQ_39.	Does this health post report malaria reporting system?	data to a	1. Yes □	0	. No 🗆	→HPQ_048 (if No)				
HPQ_40.	To which of the following reporting s	ystems does th	e health post	report malario	a data?					
Α	Community Health Information Syste	em (CHIS)	1. Yes □	0	. No 🗆					
В	Malaria program		1. Yes □	0	. No 🗆					
С	Nongovernmental organizations or i	nstitutions	1. Yes □	0	. No 🗆					
D	Other reporting system		1. Yes □	0	. No 🗆					
HPQ_41.	What is the source document used by this health post for monthly reporting of malaria? We are primarily interested in the source document that is used for compiling monthly summary statistics for malaria. Please report if any locally developed documents are used.			Field book2 Disease information tally sheet3 Curative care service register4 ICCM register5 Health card6 Other (specify)96						
	SOURCE DOCUMENTS USED TO COMF ND ANSWER THE FOLLOWING QUESTIC		iarize inforn	MATION FOR N	IONTHLY R	EPOR	TING	FOR	2	
HPQ_42.	Please confirm the availability of source documents for malaria month 1 to month 3. If available, please Recount the number of conf. malaria cases recorded in the source document for month 1 to month 3.	(A) Source documents available  (B) Recount to number of comparity case the source documents none, pleas enter 0)			onf. esin e s (if use					
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No					
01	Month 1	1	2	3	0					
02	Month 2	1	2	3	0					
03	Month 3	1	2	3	0					

Take the last 15 entries recorded in the OPD register or disease tally sheet for each reporting period and check if all the data elements relevant to the selected indicator are filled in. If the service tally sheet or disease information tally sheet is the source document, please takeout the family folder for the last 15 entries recorded in the service tally sheet for each reporting period and check if all the data elements relevant for the selected indicator are filled in. \*COMPLETE means that the source document contains the data relevant to the selected indicator. \*\*PARTLY: the register is available but some information is missing. HPQ 43. If the source document (OPD register/ Storage or archiving problems 1 disease tally sheet) is not available, what Absence of designated staff2 are the possible reasons? Stock out of source document3 Other (specify): \_ 96 HPQ\_44. If the source documents (OPD register/ Staffing issue(s)(shortage, absence)1 OPD tally sheet) are partially complete or Not understanding the data element 2 have no data, what are the possible Presence of other vertical reporting requirement 3 reasons for the missing data? Data burden (too much data elements to be recorded)4 The recording tool is not designed as user friendly 5 Other (specify): REVIEW THE MONTHLY REPORTS FOR CONFIRMED MALARIA AND ANSWER THE FOLLOWING QUESTIONS. HPQ\_45. Please confirm the availability of (A) Monthly reports available (B) Record the monthly reports for month 1 to number of # of month 3. If available, please conf. malaria **report** the number of # of conf. cases from the malaria cases recorded in the monthly reports (if monthly reports for month 1 to missing, leave month 3. blank) Yes, Yes, Yes, No available and available available but complete\* but partly\*\* no data complete recorded 01 1 2 0 Month 2 3 02 Month 3 1 2 3 0 2 03 Month 2 1 3 0 \*COMPLETE means that the monthly report contains the data relevant to the selected indicator. \*\*PARTLY: the monthly report is available but some information is missing.

DATA CO	MPLETENESS	
HPQ_46.	If the monthly report for malaria is not available, what are the possible reasons?	Storage or archiving problems 1
		Absence of designated staff2
		Stock out of source document3
		Other (specify):96

HPQ_47.	If the monthly report of malaria is partially complete or has no data, what are the possible reasons for the missing data?	Staffing issue(s) (shortage, absence) 1 Not understanding the data element 2 Presence of other vertical reporting requirement 3 Data burden (too much data elements to be recorded)
DISCREPA	NCIES	
HPQ_48.	If there was a discrepancy observed between the source document and the monthly report, what are the reasons for the discrepancy?	Data entry errors 1 Arithmetic errors 2 Information from all source documents not compiled correctly

	4. DISEASE IN UNDER FIVE CHILDREN INDICATOR								
	number of under five Children with Pneumonia								
HPQ_49.	Does this health post provide ICCM (pneumonia treatment) services?	1. Yes □	0. No □	→HPQ_059(if No)					
SOURCE D	DOCUMENTS AND REPORTS								
HPQ_50.	Does this health post report pneumonia data to a reporting system?	1. Yes □	0. No □	→HPQ_059 (if No)					
HPQ_51.	To which of the following reporting systems does the he data?	ealth post report pne	umonia						
Α	Community Health Information System (CHIS)	1. Yes □	0. No 🗆						
В	IMNCI program	1. Yes □	0. No □						
С	Nongovernmental organizations or institutions	1. Yes □	0. No □						
D	Other reporting system	1. Yes  SPECIFY	0. No □						

	for monthly reporting of pneumonia? We are primarily interested in the source document that is used for compiling monthly summary statistics for malaria. Please report if any locally developed documents are used.  Field book2  Disease information tally sheet3  Curative care service register4  ICCM register5  Health card6  Other (specify)  EVIEW THE SOURCE DOCUMENTS USED TO COMPILE AND SUMMARIZE INFORMATION FOR MONTHLY RE						ORTIN		6
HPQ_53.	Please confirm the availability of source documents for pneumonia in under five for month 1 to month 3. If available, please Recount the number of under-five children with pneumonia recorded in the source document for month 1 to month 3.	(A) Source documents available					(if nor	er ofui ildren ionia docu	nder- n with in the ments ease
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No				
01	Month 1	1	2	3	0				
02	Month 2	1	2	3	0				
03	Month 3	1	2	3	0				
eler take che *CC	e the last 15 entries recorded in the IC ments relevant to the selected indicate out the family folder for the last 15 ereck if all the data elements relevant for the source docurrents. The register is available but some	tor are filled in. ntries recorded or the selected ment contains	If the service d in the servic indicator are the data rele	tally sheet is the e tally sheet for e filled in.	e source ( each rep	doc ort	cumer ting pe	nt, ple	
HPQ_54.	If the source document (ICCM regis Service tally sheet) is not available, a are the possible reasons?								
HPQ_55.	If the source documents (ICCM registervice tally sheet) are partially contor or have no data, what are the possite reasons for the missing data?	nplete ible Prese Data recor	understanding ence of other burden (too ded)	ortage, absence the data elem vertical reportire much data elem the data elem to the designece the data element to the data elemen	nent 2 ng require ments to	be 	 ndly 5	6	

REVIEW THE	MONTHLY REPORTS FOR PNEUMONIA	IN UNDER_FIVE	CHILDREN AN	ID ANSWER THE	FOLLOW	'ING Q	UES1	IONS		
HPQ_56.	Please confirm the availability of monthly reports for month 1 to month 3. If available, please report the number under-five children with pneumonia recorded in the monthly reports for month 1 to month 3.	(A) Monthly reports available  (B) Record number of five childre pneumonic the mon reports (if m leave blo			(A) Monthly reports available					
		Yes, available and complete*	Yes, available but partly** complete	Yes, available but no data recorded	No					
01	Month 2	1	2	3	0					
02	Month 3	1	2	3	0					
03	Month 2	1	2	3	0					

<sup>\*</sup>COMPLETE means that the monthly report contains the data relevant to the selected indicator.

<sup>\*\*</sup>PARTLY: the monthly report is available but some information is missing.

DATA CO	MPLETENESS	
HPQ_57.	If the monthly report for pneumonia in under-five children is not available, what are the possible reasons?	Storage or archiving problems 1 Absence of designated staff2 Stock out of source document3 Other (specify):96
HPQ_58.	If the monthly report of pneumonia in under-five children is partially complete or has no data, what are the possible reasons for the missing data?	Staffing issue(s)(shortage, absence)1 Not understanding the data element 2 Presence of other vertical reporting requirement 3 Data burden (too much data elements to be recorded)

## DISCREPANCIES

HPQ_59.	If there was a discrepancy observed between the source document and monthly report, what are the reason the discrepancy?	d the ns for Infor Data	Data entry errors 1 Arithmetic errors 2 Information from all source documents not compiled correct				
				ohasis for data c ify)	accuracy96	6	
REPORT TI	MELINESS						
HPQ_60.	A. Is there a deadline for submission CHIS report by the health posts?	n of the month	ly	1. Yes □	0. No 🗆		
	B. If yes, what is the deadline (date (Write the end date of deadline)	e of month)?		Reporting deadline:			
HPQ_61.	Does the health post record the do of monthly CHIS reports to the Hea Woreda/District (see documentation)	lealth center or		1.Yes □	0. No 🗆	→HPQ_062 (if No)	
	IF AVAILABLE, REVIEW THE RECORDS	AND CHECK T	HE DATI	S OF SUBMISSIO	N FOR THE THREE	REVIEW MONTHS	
		A. Month 1	I	B. Month 2	C. Month 3		
HPQ_62.	Are the CHIS monthly reports submitted on time? (before or on the deadline)	<ol> <li>Service□</li> <li>Disease□</li> </ol>		1. Service□ 2. Disease□	1. Service□ 2. Disease□		
	(Current practice is submission before 23 <sup>rd</sup> of the month)	0. No 🗆		). No □	3. Quarter □ 0. No □		
	ALITY ASSESSMENT MECHANISM						
HPQ_63.	Does the health post have CHIS use explains data quality check protoc	ols)?		Yes, observed <b>E</b>	0. No 🗆		
HPQ_64.	Does the health post have access self-assessment tools (e.g. LQAS)?	to data quality	1.	Yes, observed <b>C</b>	0. No □		
HPQ_65.	Did the health post conduct LQAS three months?	in the review	1.	Yes 🗆	0. No □	→HPQ_068 (if No)	

HPQ_066	If Yes, which types of the report are covered by the LQAS?							
	Types of Reports		Month 1	Month 2	Month 3			
	03. For service report		1. Yes □	1. Yes □	1. Yes □			
			0. No □	0. No □	0. No □			
	04. For disease report		1. Yes □	1. Yes □	1. Yes □			
			0. No □	0. No □	0. No □			
HPQ_67.	Does the health post maintain a re check sheets conducted in the rev months?		1. Yes, observed	0. No 🗆				
HPQ_68.	Does the health post maintain reco to staff on data quality self-assessm		1. Yes, observed	0. No 🗆				
DATA PRO	CESSING AND ANALYSIS							
HPQ_69.	Does the health post use an electro database/system to enter and ana health data?		Yes 🗆 (	). No 🗆	→HPQ_069(if No)			
HPQ_70.	If yes, indicate the type of electronic	c system used for i	routine data entry	and analysis.				
	Electronic system	C. Foi	data entry	D. Fo	or data analysis			
		2. Yes	0. No	1. Yes	0. No			
	02. National open-source data processing system (e.g., DHIS 2, eCHIS)							
	02 National proprietary software(e.g., locally developed mHealth solutions)							
	06. Excel-based spreadsheet							
	07. Access-based data processing module							
	08. Other (specify)							
HPQ_71.	ASK RELEVANT STAFF IN THE HEALTH I REPORTS, DOCUMENTS, AND/OR DIS THE OBSERVATIONS ACCORDINGLY.							
H.	Aggregated/summary CHIS report v months.			oserved 🗆	0. No □			
l.	Demographic data on the catchme health post for calculating coverag		the 1. Yes, ol	oserved 🗆	0. No □			
J.	Indicators (e.g., Penta3 coverage) opost catchment area within the rev		health 1. Yes, of	oserved 🗆	0. No □			

K.	Comparisons between health post and health center/Woreda/District targets.	1. Yes, observed □	0. No □
L.	Comparisons of data over time, i.e., monitoring trends (e.g., for ANC, Penta3).	1. Yes, observed □	0. No □
M.	Comparisons of sex-disaggregated data (e.g., OPD visit).	1. Yes, observed □	0. No □
N.	Comparisons of service coverage between associated services (e.g. Penta1 vs OPV1, Penta3 vs OPV3).	1. Yes, observed □	0. No □

#### Part 2. Use of Information: Health Post Assessment Form

DATA VISUALIZATION

DATA VIS	UALIZATION						
HPU_1.	Does the health post prepare data tables, maps, etc.) showing achie targets (indicators, geographic at trends, and situation data)?	Yes, paper or electronic codata visuals observed at the post	→HPU_005 (if No)				
HPU_2.	If yes, what type of information is visuals and is it updated as per th						
Α	Map of catchment area	1. Yes, observed	2. Yes, but not updated $\Box$	0. No 🗆			
В	Catchment population profile	1. Yes, observed	2. Yes, but not updated $\Box$	0. No 🗆			
С	Staffing	1. Yes, observed □	2. Yes, but not updated $\Box$	0. No 🗆			
D	ANC coverage	1. Yes, observed $\Box$	2. Yes, but not updated $\Box$	0. No 🗆			
Е	Penta-3 immunization coverage	1. Yes, observed □	2. Yes, but not updated $\Box$	0. No 🗆			
F	Measles immunization coverage	1. Yes, observed □	2. Yes, but not updated $\Box$	0. No 🗆			
G	Malaria, all ages	1. Yes, observed $\square$	2. Yes, but not updated $\Box$	0. No 🗆			
Н	Pneumonia amongst Under five	1. Yes, observed □	2. Yes, but not updated $\Box$	0. No 🗆			
CHIS ANA	ALYTIC REPORT PRODUCTION						
HPU_3.	Does the health post have analyze summary tables, charts, maps)?	zed CHIS data (e.g.,	Yes, observed paper-based				
HPU_4.	Does the health post produce an quarterly, etc.) based on analysis (Excluding the routing monthly, q summary/aggregate reports subilevel.)	of CHIS data? warterly, and annual mitted to the higher	Yes, observed	0	→HPU_007(if No)		
HPU_5.	If yes, list the reports, indicating the frequency of the reports and the number of times the reports were actually issued in the last 12 months						

	Title of the report/bulletin (A)	Number of times this report is supposed to be issued per year  (B)	Number of times this report was actually issued in the last 12 months (C)	Target audience of the report (e.g., FMOH, RHB, ZHD, Woreda/District health office, civil administration, parliament, HAD, community forums, general population)  (D)
01				
02				
03				
HPU_6.	Do any of these reports contain disc decisions/recommendations based performance targets based on CHI	l on key		
	08. Maternal and Child health		1. Yes □	0. No □
	09. Health Promotion and Diseaso	e prevention	1. Yes □	0. No □
	10. Public health emergency		1. Yes □	0. No □
	11. Human resource manageme	nt	1. Yes □	0. No □
	12. Pharmaceuticals		1. Yes □	0. No □
	13. Finance and Resource		1. Yes □	0. No □
	14. Health Information System		1. Yes □	0. No □

FEEDBACK	TO HEALTH POSTS			
HPU_7.	Did the health post receive feedback reports from the health center/Woreda/District health office based on CHIS information in the review three months?  (OBSERVE THE REPORT AND TICK ACCORDINGLY.)	1. Yes, observed □	0. No 🗆	→HPU_009 (if No)
HPU_8.	If yes, indicate the types of feedback reports:			
A	Feedback on data quality (including data accuracy, reporting timeliness, and/or report completeness)	1. Yes, observed □	0. No □	
В	Feedback on service performance based on reported CHIS data (e.g., appreciation/ acknowledgement of good performance; gaps identified; resource allocation/mobilization)	1. Yes, observed □	0. No □	

ROUTINE DE	ECISION-MAKING FORUMS AN	ND PROCES	SSES AT HE	ALTI	H POS1				
HPU_9.	Does the health post conduct team (PMT) meeting?	performand	ce monitori	ing	1. Yes		0. No	) 🗆	→HPU_016 (if No)
HPU_10.	Are all the health post staffs poperformance review?	rticipating	in the		1. Yes		0. No	) [	
HPU_11.	How often are the performanc supposed to take place?	e monitorin	g meeting	S	Month Quart Biann Annu No sc	nly erly ually ally hedule			2 3 4 5
HPU_12.	How many times did the perfor meetings take place during the	e review thr	ee months	ŝ	Four to Three Two to One to None	times3 mes4 ime5 0			
HPU_13.	Were minutes of performance monitoring meetings maintained for the review three months?	Mor	nth 1 0. No□	1. \	Mon Yes □	0. No□	Moi	nth 3 0. No□	→HPU_016 (if No to all)
HPU_14.	Please check the performance and see if the following topics w		-	ninu	te/reco	ords for the	review mo	onths	
A	Did they have any discussions of such as data quality, complete reporting?	on CHIS ma	ınagement	,	1. Yes		0. No		→HPU_015 (if No)
В	Were CHIS related issues identii	fied and pri	ioritized?		1. Yes		0. No		→HPU_015(i f No)
С	Were root cause analysis cond CHIS related issues?	ucted for th	ne prioritize	:d	1. Yes		0. No		
D	Was an action plan developed related issues?	d to address	s the CHIS						
E	Has any follow-up action taker made during the previous mee issues? (e.g., referring CHIS-rela solution to the higher level)	etings on Ch	HIS-related		1. Yes		0. No		
HPU_15. A <b>A</b>	Were discussions held to review progress against targets/plan):  (Please check the performanc see if the following topics were	e monitorin							→HPU_016 (if all are No)
	08. Maternal and Child hec	alth			1. Yes		0. No		
	09. Health Promotion and D	Disease prev	vention		1. Yes		0. No		
	10. Public health emergenc	СУ			1. Yes		0. No		

	11. Human resource management	1. Yes □	0. No 🗆	
	12. Pharmaceuticals	1. Yes □	0. No 🗆	
	13. Finance and Resource	1. Yes □	0. No 🗆	
	14. Health Information System	1. Yes □	0. No 🗆	
В	Has the PMT identified and prioritized performance issues?	1. Yes □	0. No □	→HPU_016 (if No)
С	Did the PMT conduct root cause analysis for the prioritized performance related issues?	1. Yes □	0. No 🗆	
D	Have they made any decisions based on the discussion Such as:	of the health post's	s performance?	
	01. Formulation of plans	1. Yes □	0. No 🗆	
	02. Budget preparation	1. Yes □	0. No 🗆	
	03. Medicine supply and drug management	1. Yes □	0. No 🗆	
	04. Advocacy for the community and HAD groups	1. Yes □	0. No 🗆	
	05. Promotion of service quality/improvement	1. Yes □	0. No 🗆	
	06. Reducing the gender gap in the provision of health services	1. Yes □	0. No 🗆	
	07. No action required at this time	1. Yes □	0. No 🗆	
Е	Was an action plan developed?	1. Yes □	0. No 🗆	
F	Has any follow-up action taken place based on the decisions made during the previous meetings on performance-related issues? (e.g., referring performance related issues for solution to the higher level)	1. Yes □	0. No 🗆	

ANNUAL PI	ANNING			
HPU_16.	Does the heath post have annual plan for the current year?	1. Yes, observed □	0. No	
HPU_17.	Does the health post use CHIS for annual planning?	1. Yes □	0. No	→HPU_022 (if No)
HPU_18.	Does the health post plan reflect use of data from the CHIS for target setting?	1. Yes □	0. No	

# SUPERVISION BY THE HEALTH CENTER/WOREDA/DISTRICT

HPU_20.	How many times did the health center/Woreda/District health office visit your health post over the review three months?	More than four times Four times Three times Two times One time None	2 3 4 5 0	→HPU_028 (if No)
HPU_21.	Did the supervisor use the integrated supportive supervision and/or CHIS checklist during the most recent visit?	1. Yes □	0. No 🗆	
HPU_22.	Did the supervisor (s) check the data quality?	1. Yes □	0. No 🗆	
HPU_23.	During the most recent visit, did the health center/ Woreda/District health office supervisor discuss your health post's performance based on CHIS information?	1. Yes □	0. No 🗆	→HPU_025 (if No)
HPU_24.	If HPU_023 is Yes, did the supervisor help you to make a decision or take corrective action based on the discussion?	1. Yes □	0. No 🗆	
HPU_25.	Did the supervisor send a report/ written feedback on the last supervisory visit(s)?	1. Yes □	0. No 🗆	
HPU_26.	Did the health center/ Woreda/District health office conduct CHIS mentorship?	1. Yes □	0. No 🗆	→HPU_028 (if No)
HPU_27.	If yes, please check if there is written feedback on the last CHIS mentorship?	1. Yes, observed □	0. No 🗆	
DATA DISS	SEMINATION OUTSIDE HEALTH SECTOR			
HPU_28.	Did the health post submit/present health sector performance reports to the kebele administration in the past 12 months?	1. Yes □ 0.	.No □	→HPU_030
HPU_29.	Do those reports/presentations use data from the CHIS to show the health post's progress?	1. Yes  0	. No 🛚	
HPU_30.	Are health post performance data shared with the community via local publication, reports, etc.	1. Yes  0	. No 🛚	
HPU_31.	Did the health post hold performance review meeting with community representatives in the past six month (e.g. with the kebele council, HAD leaders, etc.)?	1. Yes □ 0.	No 🗆	

# **GPS COORDINATES**

HPQ_111	Please capture the GPS coordinates of health office.		
	(Note: Enumerator may have to go outside to capture		
	the coordinates)		

# Organizational and Behavioral Assessment Tool (OBAT) – For Woreda and Higher Levels

#### **Purpose**

- 1. Assess whether the organizational mechanisms are in place for producing the desired results in RHIS performance.
- 2. Explore the extent to which a culture of information exists in the organization.
- 3. Identify the commitment and support of upper management for enhancing an information system.
- 4. Quantify the health workers' motivation, knowledge, and skills to perform RHIS tasks.

# Summary of Information Collected via the OBAT

- 1. Promotion of information culture
  - Emphasis on data quality
  - Use of RHIS information (for planning, day-to-day operations, and monitoring)
  - Problem solving, feedback
  - Sense of responsibility
  - Empowerment/accountability

#### 2. Individuals behavior

- Perception of self-competency to perform RHIS tasks
- Knowledge of RHIS (including rationale for data collection and how to perform data quality checks)
- Skills to perform RHIS tasks (such as identification and problem solving, visually presenting data, interpretation, and evidence-based decision-making)
- Motivation

#### **Data Collection Methods**

Paper and pencil-based self-assessment to be administered by:

- Woreda (Head /deputy head, HMIS focal person/M& officer, 1 health program supervisor or focal persons/case team coordinator)
- Zone and region (Plan and M&E Director/core process owner, HMIS focal person, 1 program case team coordinator)

The OBAT has the following parts:

- Survey relevant for staff and management at all levels
- Cadre and level-specific competency surveys

Number	Question	Result
SURVEY FACILI	TATOR	
OBAT_101	Survey date	
OBAT_102	Interviewer name	
OBAT_103	Interviewer code	
	Please enter your 2-character identifier.	
OBAT_104	Type of facility	1 = Referral/Specialized hospital
	[Country specific]	2 = General hospital
		3 = Primary hospital
		4 = Health center
		5 = Medium clinics
		6 = Health post
		7 = Woreda health office
		8 = ZHD
		9= RHB
UNIT IDENTIFIC	ATION	
[Valid when fa	cility type is 7, 8 or 9 – see customization no	otes]
OBAT_105h	Select Region	Addis Ababa
		Afar
		Amhara
		Beneshangul Gumuz
		Dire Dawa
		Gambella
		Harari
		Oromiya
		SNNPR
		Somali
		Tigray
OBAT_106h	Zone/Sub-city	
	Please enter the alphanumeric code that identifies this level (up to 11 alphanumeric digits).	
OBAT_107h	Woreda	
	Please enter the alphanumeric code	
	that identifies this level (up to 11 alphanumeric digits).	
	[Valid when type of facility is 7]	
	<u>' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' </u>	

OBAT_108h	Unit name	
OBAT_110h	Office(s) visited	
	(Note: it could be one or more offices from which information is collected. Please list them here.)	
OBAT_111f	Urban/rural	Urban1
		Rural2
OBAT_112f	Managing authority	Government/public1
		NGO/not-for-profit2
		Private-for-profit3
		Mission/faith-based4
		Other (specify)
		96

# Part 1. OBAT: For Staff and Management at All Levels

The objective view to deve Your response	part of the	reaknesses in the system with a . Please express your opinions honestly. red with anyone, except in aggregate
OBAT_112	Survey start time  (Use the 12-hour clock system)	
Number	Question	Result

Number	Question	Result
SECTION 1.1	: RESPONDENT BACKGROUND	
DDI	Title of the person completing the questionnaire (circle answer)	Regional / Zonal/woreda head/deputy head1 Regional / Zonal/woreda RHIS/M&E unit leads2 Regional / Zonal/woreda DPC or MCH supervisors or focal persons3  Other (specify)96
DD2	Sex	Male1 Female2
DD3a	Highest level of education achieved.  (Circle one)	Primary/Elementary 1 Secondary/High School 2 Post-secondary or Higher 3
DD3b	If formal technical/medical training, please specify type.  (Circle answer)	MSc in M&E 1  MSc in Health informatics 2  MPH or other related master's degree 3

		Physician4	
		Health officer5	
		Nurse/Midwife6	
		HIТ/IT	
		HEW8	
		Other (specify)96	
DD4a	Years of employment	Year Month	
DD4b	Years of working with health data or RHIS/HMIS/CHIS	Year Month	
DD5a	Have you ever received formal RHIS/HMIS/CHIS training?	Yes1 No0	
	(Circle answer)		
DD5b	If yes, did you receive training in RHIS/HMIS/CHIS RHIS-related activities in the last year? (Circle answer)	Yes1 No0	
DD5c	If Yes to DD5a, what type of formal RHIS training	Health statistics1	
	have you ever received? (Circle all that apply)	HMIS/CHIS (data collection, transmission, storage, and/or data quality assurance) 2 Data analysis and use 3	
		General M&E4	
		ICT5	
		Other (specify)96	

SECTION	1.3: RHIS KNOWLEDGE	
U1	Indicate possible reasons for collecting or using aggregated data on a monthly basis for the following data types.	Responses
U1A	(Circle your response either 1. Yes or 2. No.)	
UIA	The reasons for collecting or using aggregated diseases data:	
	a. To provide individual level care	1. Yes 0. No
	b. To know changes in magnitude/burden of selected diseases	1. Yes 0. No
	c. To triage patients who need urgent care and those who can wait for some time	1. Yes 0. No
	d. To identify disease outbreaks and take action to address epidemics	1. Yes 0. No
	e. To plan preventive and promotive activities	1. Yes 0. No
U1B	The reasons for collecting or using aggregated immunization data:	
	a. To know the coverage of effective intervention (immunization) for improving maternal or child health	1. Yes 0. No
	b. To improve diagnosis and treatment of under five children	1. Yes 0. No
	c. To take action for providing necessary resources (eg. staffing, equipment, vaccines, etc)	1. Yes 0. No
	d. To plan for immunization activities – developing targets for immunization	1. Yes 0. No
U1C	The reasons for collecting or using aggregated age/sex of patients/clients	
	a. To ensure equitable service coverage across people of all groups	1. Yes 0. No
	b. To know which group is affected by certain disease	1. Yes 0. No
	c. To get more funding	1. Yes 0. No
	d. To calculate workload of OPD and under-five clinic	1. Yes 0. No
	e. To know if the appropriate group is getting the relevant services	1. Yes 0. No
U1E	The reasons for collecting or using geographical data or residence of patients, i.e., where they come from	
	a. To plan preventive and promotive activities targeted to certain geographic areas	1. Yes 0. No
	b. To improve access and utilization of health services	1. Yes 0. No
	c. To determine the behavior of clients/population group	1. Yes 0. No
	d. For disease surveillance (to control epidemic/disease outbreaks)	1. Yes 0. No
Ulf	Why are population data needed (e.g., number of people living in the catchment area)?	
	a. To use as denominator for calculating of indicators	1. Yes 0. No
	b. To plan the provision of various health services	1. Yes 0. No
	c. To calculate the workload of health facilities	1. Yes 0. No
	d. To know the knowledge and skill of health professionals	1. Yes 0. No

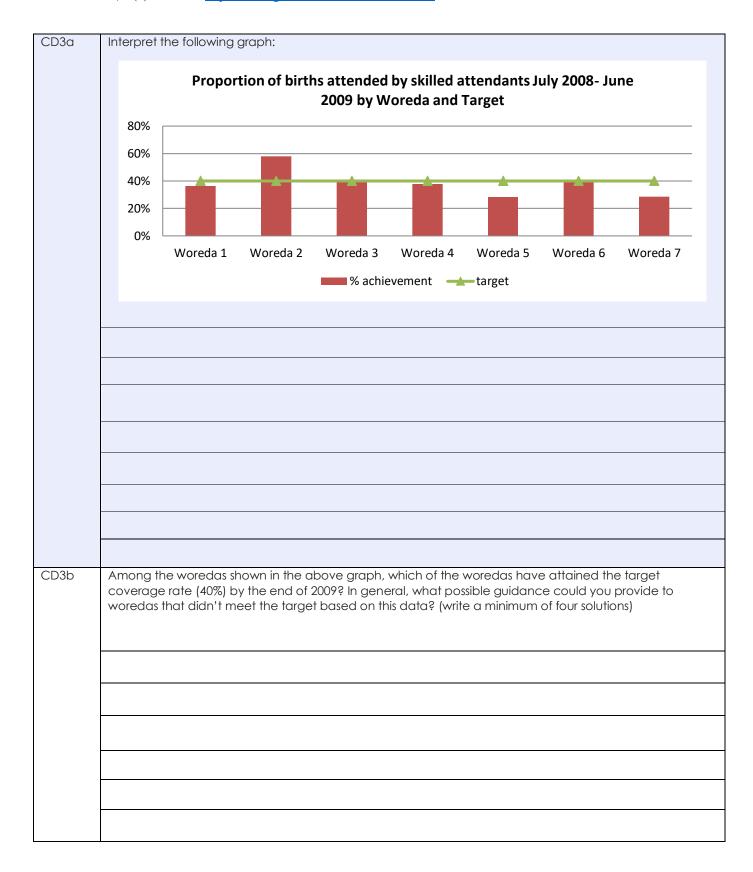
U2	Describe three dimensions of data quality.
1	
2	
3	
U3	Describe three ways (mechanisms) of ensuring data quality, relevant to your job classification/responsibilities.
1	
2	
3	

#### Part 2. OBAT: For Woreda Levels

Number	Question
SECTION 2.	1: COMPETENCY TO PERFORM RHIS TASKS
MANAGER	Y IS FOR THE WOREDA, ZONE OR REGIONAL MANAGEMENT, CASE TEAM COORDINATOR AND RHIS OR STAFF RESPONSIBLE FOR THE ANALYSIS AND INTERPRETATION OF AGGREGATE CONAL/REGIONAL DATA.
	LIKE YOU TO SOLVE THE FOLLOWING PROBLEMS ABOUT PROBLEM IDENTIFICATION AND SOLVING, G DATA, CALCULATING PERCENTAGES, AND PLOTTING AND INTERPRETING INFORMATION.
	CASE STUDY ON DATA QUALITY
	Ato Mesfin, Woreda Health Office head, read a recent report prepared by the HMIS Officer after a supervision visit made to five out of eight health facilities in the woreda. The supervisor cross-checked the reported data with the recorded data from the source document and calculated verification factor. The supervision report showed that the average data accuracy for the indicator, antenatal care 1st visit (ANC1) was only 60% and Ato Mesfin felt very disturbed by it. "I need to take action," he said aloud. He set up a meeting with the entire Woreda health team to identify the reasons for the discrepancy and think about next steps to improve the data quality. After some discussion with his team about the potential reasons for the low percentage of data accuracy, the Woreda team started preparing an action plan for all health facilities in the Woreda.
PS1	Describe possible data quality problem in this scenario
PS2	Write potential reasons to the data quality problem.

а	
b	
С	
PS3	Major activities to improve the data quality.
а	
b	
С	
d	
е	
CD1	The estimated number of pregnant mothers in the woreda catchment area for the current period is 760. The health facilities in the woreda have registered 456 pregnant mothers for antenatal care first visit. Calculate the percentage of pregnant mothers in the woreda attending antenatal care in the same period.
CD2	The table below shows the monthly HIV counseling and testing (HCT) results for Dera Woreda. In this Woreda, government facilities provide HCT services. During a recent review of the data, it was discovered that youth (below age 24) account for a significant number of new HIV infections. In response to these data, health centers in Dera Woreda regularly review HCT data to inform decisions related to increasing the uptake of HCT services among youth.

	TIV COU	nseling &	Testing	Month	hly Sun	nmary, Dec	cember 2	009					
I L						Faci	ility #1	Facil	ity #2	Facil	ity #3	Facili	ity #4
						Age o	of client	Age of	f client	Age of	fclient	Age of	client
	ndicato	tor			< 24 y.	≥ 24 y.	< 24 y.	≥ 24 y.	< 24 y.	≥ 24 y.	< 24 y.	≥ 24 y.	
F	HCT 1	Number of clients counseled			34 <sup>-</sup>	1 40	61	226	501	623	108	151	
F	HCT 2	Number of	clients t	tested	for HIV	339	9 39	53	220	494	600	108	151
		Number of positive	clients v	who tes	sted	30	0 4	9	63	96	141	17	19
		Number of support gro		referre	d to	30	0 4	4	41	84	98	4	8
02	01. Less than 24 years old  02. Equal to or greater than 24 years old												
	acilities -	elop a bar chart depicting the distribution across the ages of clients tested for HIV for the four ties.											
													7
													_
	-												
	-												
	-												
	-												
	-												



CD3c	Provide at least one use of the above chart findings at the:						
CD3c	1. Facility level						
CD3c	2. Community level						
CD3c	3. Woreda level						
CD4	A survey in the facility catchment area found 500 chi	dren under five vears old that were malnourished.					
	The total population of children less than five years of						
CD5	If the malnutrition rate in children less than two years than two years old was 10,000, then calculate number						
	marriwo years dia was 10,000, men calculate nombe	of children who die mainoonsned.					
OBAT_113	Survey end time						
	(Use the 12-hour clock system)						

## Organizational and Behavioral Assessment Tool (OBAT)

# For Health Facility

### **Purpose**

- 5. Assess whether the organizational mechanisms are in place for producing the desired results in RHIS performance.
- 6. Explore the extent to which a culture of information exists in the organization.
- 7. Identify the commitment and support of upper management for enhancing an information system.
- 8. Quantify the health workers' motivation, knowledge, and skills to perform RHIS tasks.

### Summary of Information Collected via the OBAT

- 3. Promotion of information culture
  - Emphasis on data quality
  - Use of RHIS information (for planning, day-to-day operations, and monitoring)
  - Problem solving, feedback
  - Sense of responsibility
  - Empowerment/accountability
- 4. Individuals behavior
  - Perception of self-competency to perform RHIS tasks
  - Knowledge of RHIS (including rationale for data collection and how to perform data quality checks)
  - Skills to perform RHIS tasks (such as identification and problem solving, visually presenting data, interpretation, and evidence-based decision-making)
  - Motivation

#### **Data Collection Methods**

Paper and pencil-based self-assessment to be administered by:

Health facility (head, HMIS focal person, one case team/department head)

The OBAT has the following parts:

- Survey relevant for staff and management at all levels
- Cadre and level-specific competency surveys

Number	Question	Result
SURVEY FACILIT	ATOR	
OBAT_101	Survey date	
OBAT_102	Interviewer name	
OBAT_103	Interviewer code	
	Please enter your 3-character identifier.	
OBAT_104	Type of facility	1 = Referral/Specialized hospital
		2 = General hospital
		3 = Primary hospital
		4 = Health center
FACILITY IDENTI	FICATION	
[Valid when fac	cility type is 1, 2, 3, 4, 5 or 6]	
OBAT_105f	Select Region	1. Addis Ababa
	Please circle	2. Afar
		3. Amhara
		4. Beneshangul Gumuz
		5. Dire Dawa
		6. Gambella
		7. Harari
		8. Oromiya
		9. SNNPR
		10. Somali
		11. Tigray
		12. Sidama
OBAT_107f	Woreda/Sub-city	
	Please enter name of the woreda or sub-city	
	332 3,	
OBAT_109f	Health facility name	
OBAT_110f	Urban/rural	Urban1
		Rural2
OBAT_111f	Managing authority	Government/public1
		NGO/not-for-profit2
		Private-for-profit3
		Mission/faith-based4
		Other (specify)96

### Part 1. OBAT: For Staff and Management at All Levels

Introduction					
leading the RI The objective view to deve Your response	part of the	ation Systems enesses in the case express you with anyone, e	e system with o our opinions ho except in aggre	ector. a nestly.	
Thank you.					
OBAT_112	Survey start time (Use the 12-hour clock system)			:	
Number	Question	Result			
SECTION 1.1:	RESPONDENT BACKGROUND				
DDI	Title of the person completing the questionnaire (circle answer)	Health facilit staff/HIT	y HMIS focal pe	erson/data manag case team lead 96	gement
DD2	Sex				
DD3a	Highest level of education achieved.  (Circle one)	Primary/Elen Secondary/E	nentary High School ary or Higher	1	
DD3b	If formal technical/medical training, please specify type.  (Circle answer)	MSc in Healt MPH or othe Physician Health office Nurse/Midwi	h informatics r related maste er	r's degree	2 4 5 6
DD4a	Years of employment		Year	Month	

DD4b	Years of working with health data or RHIS/HMIS/CHIS	Year Month
DD5a	Have you ever received formal RHIS/HMIS/CHIS training?  (Circle answer)	Yes1 No0
DD5b	If yes, did you receive training in RHIS/HMIS/CHIS RHIS-related activities in the last year? (Circle answer)	Yes1 No0
DD5c	If Yes to DD5a, what type of formal RHIS training have you ever received?  (Circle all that apply)	Health statistics 1 HMIS/CHIS (data collection, transmission, storage, and/or data quality assurance) 2 Data analysis and use 3 General M&E 4 ICT 5 Other (specify) 96

SECTION 1.3	3: RHIS KNOWLEDGE	
U1	Indicate possible reasons for collecting or using aggregated data on a monthly basis for the following data types.	Responses
	(Circle your response either 1. Yes or 2. No.)	
U1A	The reasons for collecting or using aggregated diseases data:	
	a. To provide individual level care	1. Yes 0. No
	b. To know changes in magnitude/burden of selected diseases	1. Yes 0. No
	c. To triage patients who need urgent care and those who can wait for some time	1. Yes 0. No
	d. To identify disease outbreaks and take action to address epidemics	1. Yes 0. No
	e. To plan preventive and promotive activities	1. Yes 0. No
U1B	The reasons for collecting or using aggregated immunization data:	
	a. To know the coverage of effective intervention (immunization) for improving maternal or child health	1. Yes 0. No
	b. To improve diagnosis and treatment of under five children	1. Yes 0. No
	c. To take action for providing necessary resources (e.g. staffing, equipment, vaccines, etc.)	1. Yes 0. No
	d. To plan for immunization activities – developing targets for immunization	1. Yes 0. No
U1C	The reasons for collecting or using aggregated age/sex of patients/clients	
	a. To ensure equitable service coverage across people of all groups	1. Yes 0. No
	b. To know which group is affected by certain disease	1. Yes 0. No
	c. To get more funding	1. Yes 0. No

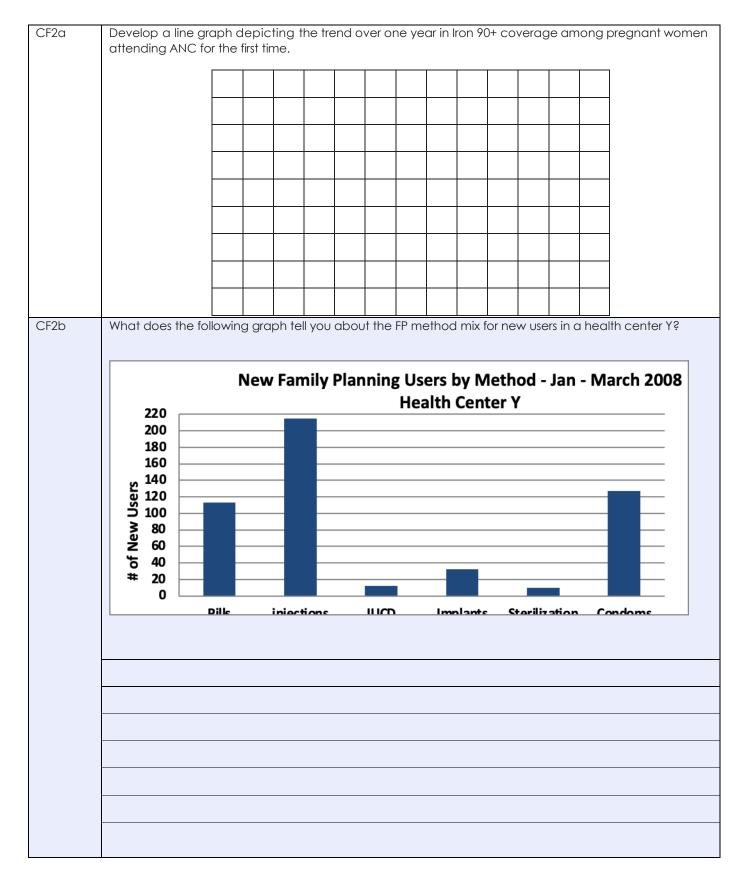
	d. To calculate workload of OPD and under-five clinic	1. Yes	0. No
	e. To know if the appropriate group is getting the relevant services	1. Yes	0. No
U1D	The reasons for collecting or using geographical data or residence of patients, i.e., where they come from		
	a. To plan preventive and promotive activities targeted to certain geographic areas	1. Yes	0. No
	b. To improve access and utilization of health services	1. Yes	0. No
	c. To determine the behavior of clients/population group	1. Yes	0. No
	d. For disease surveillance (to control epidemic/disease outbreaks)	1. Yes	0. No
U1E	Why are population data needed (e.g., number of people living in the catchment area)?		
	a. To use as denominator for calculating of indicators	1. Yes	0. No
	b. To plan the provision of various health services	1. Yes	0. No
	c. To calculate the workload of health facilities	1. Yes	0. No
	d. To know the knowledge and skill of health professionals	1. Yes	0. No

U2	Describe three dimensions (aspects) of data quality.
1	
2	
3	
U3	Describe three ways (mechanisms) of ensuring data quality, relevant to your job classification/responsibilities.
1	
2	
3	

### Part 3. OBAT: For Health Facility

Number	Question	Result							
SECTION 3.1	SECTION 3.1: COMPETENCY TO PERFORM RHIS TASKS								
	THIS SURVEY IS FOR A FACILITY MANAGEMENT, DEPARTMENT/CASE TEAM COORDINATOR OR STAFF RESPONSIBLE FOR THE ANALYSIS AND INTERPRETATION OF HEALTH FACILITY DATA.								
	LIKE YOU TO SOLVE THESE PROBLEMS ABOUT PROBL IG PERCENTAGES, AND PLOTTING AND INTERPRETIN	EM IDENTIFICATION AND SOLVING, COMPILING DATA, IG INFORMATION.							
	CASE STUDY ON DATA QUALITY								
	Yekatit monthly report and cross-checked the reptally sheet and registers. They calculated the date the data accuracy score is only 70% and the tea identify the reasons for the discrepancy and think	s for the low percentage of data accuracy, the team							
PS1	Describe possible data quality problem in this scenario.								
PS2	Write potential reasons to the data quality proble	m.							
а									

b														
С														
PS3	Write major ac	Write major activities to improve the data quality of Gera Health Facility												
а														
b														
С														
d														
е														
CF1	The estimated number of pregnant mothers in the facility catchment area for the current period is 340. The antenatal clinic in your facility has registered 170 pregnant mothers. Calculate the percentage of pregnant mothers in the facility catchment area attending antenatal care.													
CF2	The table below shows pregnant women attending antenatal care for the first time, as well as the number of these women who received Iron 90+ for prevention of anemia.													
	ANC Clinic - Health Indicator	Jul	Διια	San	Oct	Nov	Dec	Jan	Feb	Mar	Δnr	May	Jun	
	No. of ANC 1st visits	<b>Jui</b> 156	<b>Aug</b> 162	<b>Sep</b> 158						145	<b>Apr</b> 171	<b>May</b> 164	152	
	No. of women who received Iron 90+	101	110	107	106	121	105	97	109	117	144	143	138	



	T =	
CF2c	The target for the health center Y for new clients or clients would the facility need to have each month	n FP for the year 2008 is 1,200 clients. How many new n if new clients were evenly distributed by month?
		target in the first quarter as planned and it maintains FP client enrollments for the next three quarters, will
	0. No	
CF2d	Provide at least one use of above family planning	g graph findings at the:
CF2d1	Facility level	
CF2d2	Community level	
CF3	A survey in the facility catchment area found a to	tal of 500 children (225 boys and 275 girls) under five
CIS		lation of children less than five years old was 5,000,
CF3a	What is the malnutrition rate of boys?	
CF3b	What is the malnutrition rate of girls?	
CF3c	What information do you get by disaggregating the planning/improving your service delivery?	e data by sex? How does this information help you in
OBAT_113	Survey end time	
	(Use the 12-hour clock system)	