

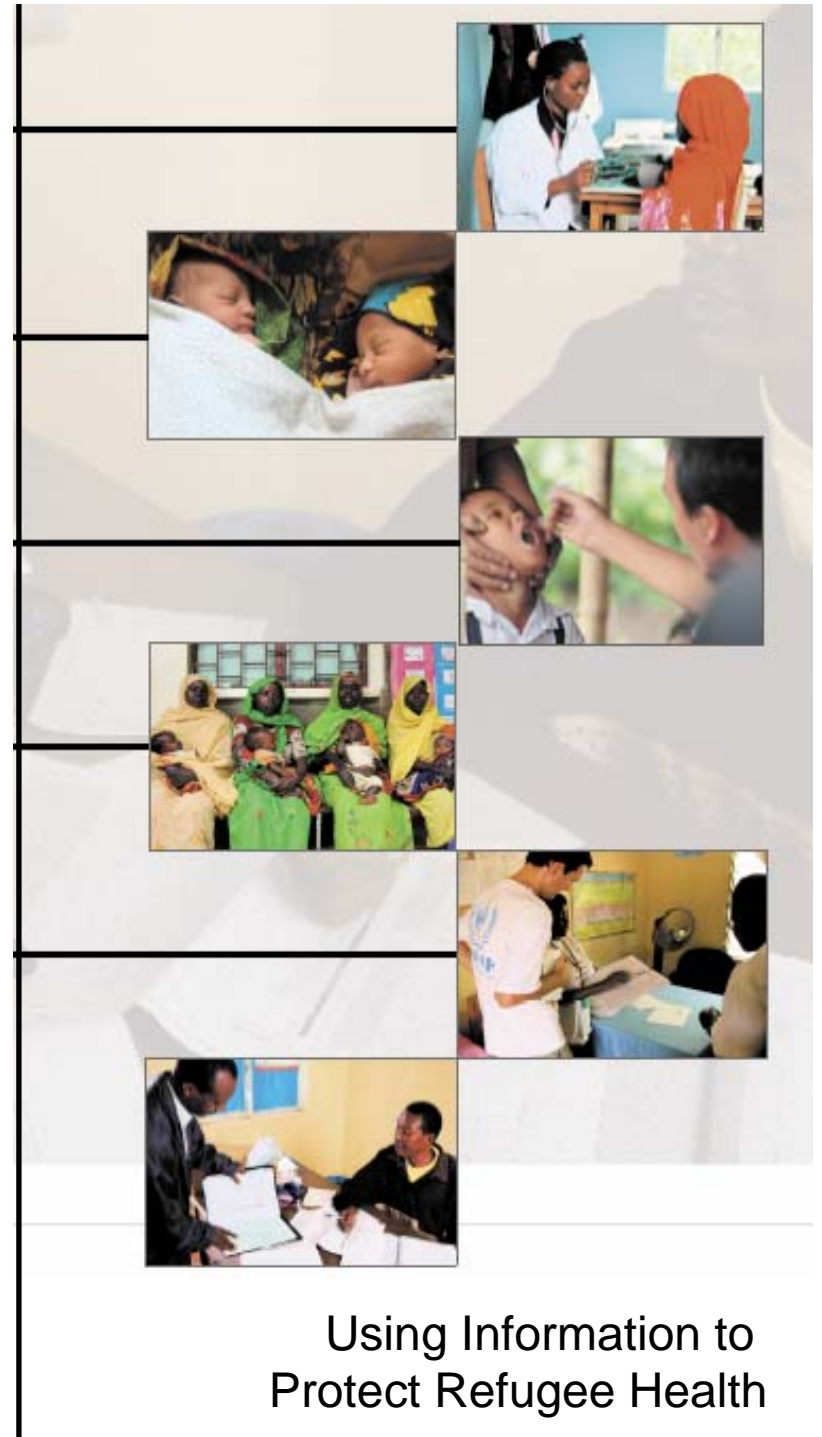
Health Information System (HIS)

Module 9 – Reproductive Health Antenatal and Delivery Care



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Using Information to
Protect Refugee Health

Safe Motherhood

“Safe Motherhood means ensuring that all women receive the care they need to be safe and healthy throughout pregnancy and childbirth”



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Key Program Components

- Safe Motherhood
 - Antenatal Care
 - Delivery Care
 - Post natal Care
- Family Planning
- SGBV

Reproductive Health of Young People

- Special needs and requirements
- Often have less influence over conditions of sexual relations and childbearing.
- Young people rarely have access to detailed and accurate information about sexuality and reproduction
- Consequences of sexual and reproductive decisions very far-reaching



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Defining Children and Young People

- Children
 - **0 - 18 years***

- Adolescents
 - **10 - 19 years****

- Youth
 - **15 - 24 years****

- Young People
 - **10 - 24 years****

* *CRC*

** *UNFPA / WHO / UNICEF*



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>1 What are the tools used for data collection?

- **Primary Tools**
 - **Antenatal Care Register**
 - **Antenatal Care Tally Sheet**
 - **Weekly + Monthly RH Report**

- **Secondary Tools**
 - **Antenatal Card**
 - **Tetanus Toxoid Card**



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>2 Who is responsible for collecting the data?

- ANC staff in each camp should take responsibility for recording information
- RH Supervisor is responsible for compiling Weekly RH Report

>3 What data should be collected and how?

- Registers to monitor pregnancy risk and to log delivery of routine preventive services:
 - Deworming
 - IPT
 - TT
 - RPR
 - ITN distribution
- Entire antenatal history should be recorded in the SAME register



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Antenatal Register

Serial No.	ANC No.	Name	Age	Status (Ref / Nat)	Address	REGISTRATION							OBSTETRIC HISTORY								
						Date of visit	Marital Status	Gravity	Parity	No. of children	LMP	EDD	Gest. age	Stillbirth	Abortion	Caesarian Section	Last Born				
																	Birth date	Alive / Dead			

RISK FACTORS												SERVICES (Enter Date Provided)							PREGNANCY OUTCOME						Vitamin A 200 000 IU				
1st Visit			2nd Visit			3rd Visit			4th Visit			Fansidar		RPR			TT		Mebend.	ITN	Abortion		Normal Delivery			Stillbirth			
Date	Gest. age	ANC RF*	Date	Gest. age	ANC RF*	Date	Gest. age	ANC RF*	Date	Gest. age	ANC RF*	1	2	- ve	+ ve	Partner Treated	1	2			Compl.	Un- Compl.	Date of Delivery	Delivery Compl. **		Fresh	Macer.		



>3 What data should be collected and how?

- Updating of Pregnancy outcome into ANC register
- Use of the ANC Tally Sheet
 - **Non-sequential ordering of repeat visits**



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Health Information System

Daily Reporting Form

Name of Organisation _____

Name of Camp & Unit _____

9.1 Antenatal Tally Sheet

Date (s) _____

	Refugee		National	
	< 18	≥ 18	< 18	≥ 18
Number of first antenatal visits < 1st trimester	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Number of first antenatal visits > 1st trimester	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Number of repeat antenatal visits	00000 00000	00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000
Number of RPR tests conducted	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000	00000 00000 00000
Number of RPR tests positive	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000	00000 00000 00000
Number of RPR positive contacts treated	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000	00000 00000 00000
Number of high-risk pregnancies detected	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Number of abortions	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000	00000 00000 00000	00000 00000 00000

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For each pregnancy outcome entered in the Antenatal Register, review the antenatal history and tally below if standards of care have been met.

The pregnancy outcome section should be *regularly* updated in Antenatal Register, from ANC cards and/or Delivery register.

	Refugee		National	
	< 18	≥ 18	< 18	≥ 18

Number of pregnant women at time of delivery who:

Received 4 or more antenatal visits	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Received 2 doses of tetanus toxoid vaccine	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Received at least 2 doses of fansidar	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Were screened for syphilis	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Received 1 dose of mebendazole	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000
Received 1 insecticide treated net (ITN)	00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	00000 00000 00000 00000 00000	00000 00000 00000 00000 00000

>1 What are the tools used for data collection?

- **Primary Tools**
 - **Delivery Care Register**
 - **Weekly + Monthly RH Report**

- **Secondary Tools**
 - **Partograph**
 - **Apgar Scoring Chart**
 - **ANC Card**
 - **Ward Book and Clinical Notes**



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>2 Who is responsible for collecting the data?

- Staff on maternity ward in each camp should take responsibility for recording information
- Role of TBAs / community health workers
- RH Supervisor responsible for compiling Weekly RH Report



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>3 What data should be collected and how?

- Comprehensive reporting of births has two critical functions:
 - **Population Data**
 - **Birth Registration**
- Updating of information from home deliveries / births before arrival (BBA) / births in referral centres
- Recording of other medical admissions (non-deliveries) on maternity ward



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Delivery Register

Serial No.	ANC No.	Name	Age	Status (Ref / Nat)	Address	REGISTRATION													
						Date of admission	Time of admission	Gravidity	Parity	No. of children	LMP	EDD	Gest. age	Blood Pressure	Fetal IHR	Present'n	RPR		
																	- ve	+ ve	

DELIVERY DETAILS					DELIVERY OUTCOME					NEWBORN							
Date of delivery	Time of delivery	Mode of delivery	Location of delivery	Att'd by skilled health worker	Normal Delivery	Delivery Compl. *	Stillbirth		Blood Loss (mls)	Perineum state	Sex (M / F)	Condition	Apgar Score	Birth Weight		Weighed < 72 hours	Name
							Macros.	Fresh						< 2500g	> 2500g		

IPD (Pregnancy) Register

Serial No.	ANC No.	Name	Age	Status (Ref / Nat)	Address	Date of admission	Time of admission	Gravidity	Parity	No. of children

LMP	EDD	Gest. age	Blood Pressure	Fetal HR	Present'n	RPR		Diagnosis	Treatment given	Date of exit	Length of stay	Reason for exit*
						- ve	+ ve					



>4 How and when should the data be reported?

- Retrieve data from Registers
- Enter into Antenatal / Delivery Section within Weekly RH Report
- Use photocopies / printouts if needed for individual facility-based reports



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Health Information System (HIS)
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Health Information System

Weekly Reporting Form

9.0 Reproductive Health

Name of Organisation _____

Name of Camp & Unit _____

Current Week & Month _____

9.1 Antenatal Care

9.1a

	Refugee		National	
	< 18	≥ 18	< 18	≥ 18
First antenatal visit < 1st trimester				
First antenatal visit > 1st trimester				
Repeat antenatal visit				
Number of RPR tests conducted				
Number of RPR tests positive				
Number of contacts of RPR positive cases treated				
Number of high-risk pregnancies detected				
Number of abortions				

9.1b *Enter number of pregnant women at time of delivery who:*

			National	
	< 18	≥ 18	< 18	≥ 18
Received 4 or more antenatal visits				
Received 2 doses of tetanus toxoid during antenatal period				
Received at least 2 doses of fansidar during antenatal period				
Were screened for syphilis during antenatal period				
Received 1 dose of mebendazole during antenatal period				
Received 1 ITN* during antenatal period				

9.2 Delivery Care

	Refugee				National	
	< 18 Home	EmOC † Facility	≥ 18 Home	EmOC † Facility	< 18	≥ 18
Live births						
Still births						
Low Birth Weight (< 2500g)						
Attended by a skilled health worker**						
Number of obstetric complications treated						
Number of caesarian sections performed						

* ITN = Insecticide Treated Net ** excluding TBA † EmOC = Emergency Obstetric Care

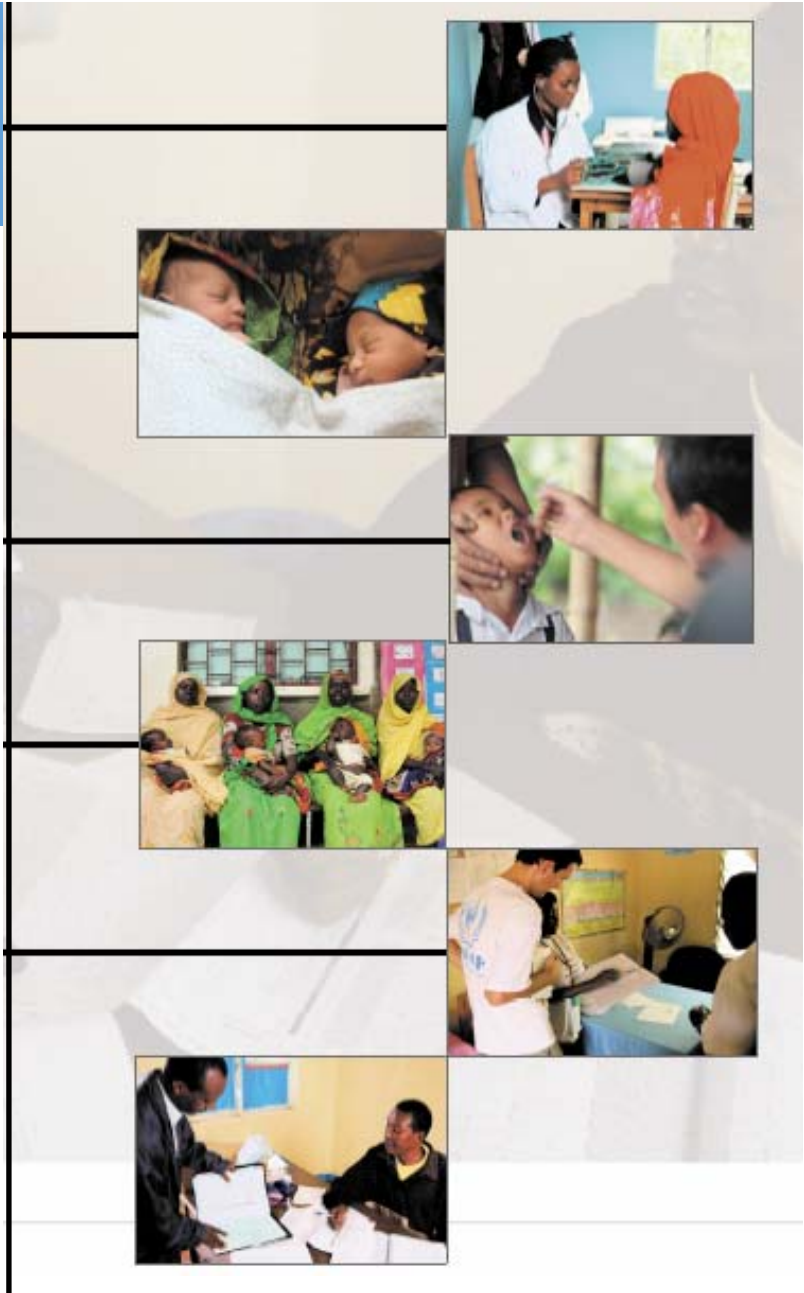
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Exercise Work

Health Information System (HIS)

Modules 9 – Antenatal and Delivery Care

Case Study
Parts (a) – (d)



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>5 How should the data be interpreted and used?

- Enter data into Monthly Excel Spreadsheet
- Understand how to interpret and use the indicators that are generated



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Crude Birth Rate

Total number of births
during given time period *

————— x 1000

Total population during that period

* usually expressed per year

Stillbirth Rate

Total number of stillbirths
during given time period *

_____ x 1000

Total of births during period
(still *and* live births)

* usually expressed per year

Definition of Abortion

- Spontaneous abortion

- **Miscarriage**

- **Stillbirth**

Defined by :
gestational age
and/or
birth weight

- Induced abortion

- **Therapeutic**

- **Elective**



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