



STANDARDS AND INDICATORS GUIDE



This document is for general distribution. All rights reserved. Reproductions and translations are authorized, except for commercial purposes, provided the source is acknowledged.

© UNHCR, October 2019

Cover photo: Lab technician, Mohammad Fazle Rabby, takes a blood sample from Rohingya refugee, Nur Alam, while working the night-shift at a 24-hour clinic in Kutupalong.

© UNHCR/Iffath Yeasmine

STANDARDS AND INDICATORS GUIDE

INTRODUCTION

This Guide lists the standards and indicators used within the Integrated Refugee Health Information System (IRHIS). It is designed as a reference tool, to help interpret indicators presented in HIS reports and to improve decision-making based on this information.

Indicators are referenced according to each section of the IRHIS.

Corresponding standards are presented where available. These should be modified according to regional or country-specific data. For indicators that have no reference standard, estimates should be derived from previous health reports.

TABLE OF CONTENTS

<i>Click on a category to jump directly to it in the table:</i>		<i>No. of indicators</i>	<i>Page</i>
1,0	Population	6	4
2,0	Mortality	9	5
3,0	Morbidity	11	7
4,0	IPD and Referral	8	9
5,0	Laboratory	6	10
6,0	Disease Control	4	11
7,0	EPI	4	12
8,0	Nutrition	31	13
9,0	Reproductive Health	28	17
10,0	HIV/AIDS	5	21



1.0 POPULATION

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Total population		Total number of persons		Number		Disaggregated by sex
2	Live births		Number of live births	Figure taken from Delivery Registers	Number		Disaggregated by sex. For Crude Birth Rate(CBR) see Section 9.2 Delivery care.
3	Infants under one		Number of infants < 1 year of age		Number		Disaggregated by sex
4	Children under five		Number of children under 5 years of age		Number		Disaggregated by sex
5	Female 15-49 years of age		Number of women aged 15-49 (of reproductive age)	Total population	Number	20% of total population	Default set as 20% of total population. Can be adjusted according to context.
6	Pregnant and Lactating women		Number of women who are pregnant and lactating	Total population x 0.04	Number	4% of total population	Default set as 4% of total population, assuming CBR of approx. 35 per year. Can be adjusted according to context.



2.1 MORTALITY BY AGE

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Crude Mortality Rate (CMR)	Impact	Rate of deaths in the total population	Number of deaths during the reporting period / mid- period Total population x 1000	/ 1000 population / month	< 0.75 deaths / 1000 / month	Disaggregated by sex (see gender specific mortality rate). Refer to regional specific mortality rates
2	Under 5 Mortality Rate (U5MR)	Impact	Rate of deaths among children under five	Number of deaths among under fives / mid- period Total under five population x 1000	/ 1000 population / month	< 1.5 deaths / 1000 / month	Disaggregated by sex (see gender specific mortality rate). Refer to regional specific mortality rates
3	Infant Mortality Rate (IMR)	Impact	Rate of deaths among infants under one	Number of deaths among under ones / Total number of live births x 1000	/ 1000 live births	< 60 deaths / 1000 live births	Disaggregated by sex (see gender specific mortality rate)
4	Neonatal Mortality Rate (NNMR)	Impact	Rate of deaths among newborns within the first 28 days of life	Total number of deaths for newborns < 28 days of life / Total number of live births x 1000	/ 1000 live births	< 12 deaths / 1000 live births	
5	Gender-specific Mortality Rate	Impact	Rate of deaths among males (or females) in the population	Number of male (or female) deaths within specified age group / Population within same age group x 1000	/ 1000 population / month		Disaggregated by crude, U5 and infant.

2.2 MORTALITY BY CAUSE

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
6	Maternal Mortality Ratio (MMR)	Impact	Rate of pregnancy-related deaths* among the population	Number of pregnancy-related deaths / Total number of live births x 100,000	/ 100 000 live births		Presented in specific reports as annualised figures only, as more stable reference * Death within pregnancy or within 42 days of termination of pregnancy
7	Proportional Mortality	Impact	Proportion of deaths attributable to a particular cause among the population	Number of deaths due to a particular cause / Total number of deaths x 100	%	No more than 25% of proportional mortality should be in "others" column	Disaggregated by crude and under five

2.3 MATERNAL DEATH REPORTING AND INVESTIGATION

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
8	Number of maternal deaths reported	Process	Number of reported maternal deaths		Number		
9	Investigation of maternal deaths	Process	Proportion of reported maternal deaths which are investigated	Number of maternal deaths investigated / Number of maternal deaths	%		

3.0 MORBIDITY



3.1 CONSULTATION

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Total number of consultations	Process	Total number of consultations (new and revisit; Refugee and National)		Number		
2	Health Facility Utilization Rate	Outcome	Rate at which new visits are made to health facilities in one year	Number of new visits made in one camp / Total population x 12	/ refugee / year	1.0 - 4.0 new visits / refugee / year	
3	Consultations per clinician per day	Outcome	Rate at which consultations are made to a full time clinician each day in one camp	Total number of consultations (new and revisit; Refugee and National) / Number of full-time equivalent trained clinicians in the camp / Number of full days OPD functioning in the month	consultations / clinician / day	< 50 consultations / clinician / day	
4	Proportional service use by Nationals	Outcome	Proportional use of outpatient services by Nationals	Number of consultations to Nationals (new and revisit) / Total number of consultations (new and revisit; Refugee + National) x 100	%		

3.2 MORBIDITY

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
5	Incidence Rate	Impact	Rate of occurrence of new diseases or health problems in the population	Number of new cases of particular disease / Total population at risk of developing disease x 1000	/ 1000 population / month		Disaggregated by crude and under five
6	Proportional Morbidity	Outcome	Proportion of illness attributable to a particular cause among the total population	Number of cases of a particular disease or health event / Total number of cases x 100	%	No more than 25% of proportional morbidity should be in "others" column	Disaggregated by crude and under five

3.3 OUTBREAK ALERT AND RESPONSE							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
7	Number of out-breaks reported	Process	Number of out-breaks reported		Number		
3.4 SEXUALLY TRANSMITTED INFECTION (STI)							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
8	Proportion of Male Urethral Discharge	Outcome	Proportion of male urethral discharge among STI male cases	Number of cases of male urethral discharge reported / Total STI consultations x 100	%		syndromic approach only
9	Proportion of Genital Ulcer Disease	Outcome	Proportion of genital ulcer disease among STI Consultations	Number of cases of genital ulcer disease / Total STI Consultations x 100	%		syndromic approach only. Dissaggregated by sex
10	Proportion of specific STI etiologies	Outcome	Proportion of STI etiologies (laboratory diagnosed) among the STI consultations	Number of specific STIs diagnosed (laboratory confirmed) / Total number of STIs consultations x 100	%		Dissaggregated by Sex Do not use in combination with syndromic approach.
11	Proportion of STI below 18 years	Outcome	Proportion of syndromic STIs diagnosed below 18 years	Number of STIs diagnosed below 18 years / Total number of STIs diagnosed x 100	%		Dissaggregated by Sex

4.0 INPATIENT DEPARTMENT AND REFERRAL



4.1 INPATIENT DEPARTMENT ACTIVITIES

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Number of patients at the end of the month	Process	Number of patients at the end of the month		Number		
2	Proportion of U5 deaths within 24 hours	Outcome	Proportion of inpatient deaths among under fives that occur within 24 hours of admission	Number of under five deaths within 24 hours of admission / Total number of under five deaths x 100	%		
3	Average Length of Stay	Outcome	Average length of stay for all authorized discharges	Sum of days spent in hospital for all authorized discharges / Total number of authorized discharges	Days		
4	Bed Occupancy Rate	Outcome	Average number of beds that are occupied at any point in time	(Average length of stay x Number of admissions during reporting period) / (Number of beds x Number of days during reporting period)	%	75%	
5	Hospitalisation Rate	Outcome	Rate at which individuals are admitted to hospital among the population	Number of admissions / Total Population x 1000 x 12	/ 1000 population / year	50-150 / 1000 population / year	
6	Proportion of admissions by Nationals	Process	Proportional number of inpatient admissions by Nationals	Number of admissions by Nationals / Total number of admissions (Refugee + National) x 100	%		

4.2 INPATIENT DEPARTMENT ACTIVITIES

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
7	Case Fatality Rate (IPD)	Outcome	Fatality rate attributable to a particular cause	Number of deaths / Number of admissions due to a particular cause x 100	%		Disaggregated by crude and under five

4.3 REFERRAL

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
8	Referral Rate	Outcome	Rate at which referrals are made to other types and levels of health care	Number of referrals from camp according to department / Total population x 1000	/ 1000 population / month		Disaggregated by Emergency, District, Regional, Zonal, National and Other



5.0 LABORATORY

5.1 LABORATORY ACTIVITIES

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Number of all tests performed	Process	Total number of all laboratory diagnostic tests performed during the month	Number of all tests	Number		Disaggregated by type of test

5.2 MALARIA

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
2	Malaria Slide Positivity Rate	Outcome	Proportion of malaria films examined which were positive for malaria parasites	Number of malaria slides which were positive for <i>Plasmodium falciparum</i> / Total number of malaria slides examined x 100	%		
3	RDT Positivity Rate	Outcome	Proportion of RDT positive for malaria	Number of malaria RDT which were positive for <i>Plasmodium falciparum</i> / Total number of malaria RDT done x 100	%		

5.3 TUBERCULOSIS

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
4	Sputum Smear Positivity Rate	Outcome	Proportion of sputum smears examined which were positive for acid fast bacilli (AFB)	Number of sputum smears which were positive for AFB / Total number of sputum smears examined x 100	%		

5.4 BLOOD DONATION

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
5	Proportion of blood donationS screened for HIV	Outcome	Percentage of donated blood units screened for HIV in a quality assured manner	Number of donated blood units screened for HIV in a quality assured manner / Total number of donated blood units screened x 100	%		Number of blood transfusion done with blood coming from a blood bank.

5.5 SYPHILIS TESTING (OPD)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
6	Proportion of Syphilis Positivity (OPD)	Outcome	Proportion of STI patients, who were screened positive for syphilis	Number of STI patients tested positive for syphilis / Total number of STI patients tested for syphilis x 100	%		Dissaggregated by Sex



6.1 TUBERCULOSIS

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	TB treatment success rate	Outcome	Percentage of new smear positive patients who are documented to be cured, or to have successfully completed treatment	Number of TB cases who were cured or completed treatment / total number of TB cases notified for treatment x 100	%	90 %	Disaggregated by sex, age group (0-4, 5-14, 15-17, 18 and above).
2	TB notification rate	Impact	Rate of occurrence of new and relapsing TB cases	Number of new and relapse TB cases notified during a given time period / average population during the same time period x 100 000	/ 100000 population / month		Calculated per 100 000 people instead of 1000 people Disaggregated by sex, age group (0-4, 5-14, 15-17, 18 and above) and HIV status
3	TB case fatality rate	Outcome	Percentage of TB case notified who died	Number of TB deaths / total number of TB cases notified for treatment x 100	%		Disaggregated by sex, age group (0-4, 5-14, 15-17, 18 and above) HIV status and anti-TB drug resistance
4	Coverage of HIV testing	Process	Percentage of new and relapse TB cases notified who had an HIV test	Number of new and relapse TB cases notified with documented HIV status / total number of new and relapse TB cases notified x 100	%		Disaggregated by sex, age group (0-4, 5-14, 15-17, 18 and above)



7.0 EXPANDED PROGRAMME ON IMMUNIZATION (EPI)

7.1 CHILDREN VACCINATED

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Measles Vaccination Coverage	Outcome	Percentage of infants who are receive a dose of Measles or Measles Containing Vaccine	Number of infants who received measles vaccination / (Total number of targetted infants for the time period)	%	95%	
2	Vaccination Coverage Rate	Outcome	Percentage of infants under one year who are fully immunized against target diseases	Number of infants who finished antigen course / (Total number of targetted infants for the time period)	%	95%	Disaggregated by BCG, Polio, DTP-HepB-Hib, Vitamin A, Other Vaccinations as per National Guidelines
3	Program Dropout Rate	Outcome	Proportion of infants not receiving all three required doses of Pentavalent vaccine after receiving an initial dose, compared number of infants who receive an initial dose.	$\frac{((\text{DTP-HepB-Hib 1-DTP-HepB-Hib 3}) \times 100) / \text{DTP-HepB-Hib 1}}{1}$	%	< 10 %	

7.2 VACCINE WASTAGE

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
4	Vaccine Wastage Rate	Outcome	Proportion of doses of vaccine supplied but not administered	$\frac{(\text{Number of doses of vaccine supplied} - \text{Number of doses administered (Refugee + National)})}{\text{Number of doses supplied}}$	%	< 8%	Disaggregated by BCG, Polio, DTP-HepB-Hib, Measles, Tetanus Toxoid



8.1 COMMUNITY-BASED MANAGEMENT OF ACUTE MALNUTRITION (CMAM)

8.1a Stabilisation Centre (SC) - SAM Treatment

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Mean Length of Stay (U5)	Outcome	Average length of stay for U5 children elapsed between admission and discharge.	Sum number of days of admission for U5 children who recovered or cured / Number U5 exits due to recovery or cured	Days		
2	Average Weight Gain (U5)	Outcome	Average number of grams that recovered children gained per kg per day between admission and discharge	Sum [(weight on exit - lowest weight recorded during recovery(g)) / lowest weight recorded during recovery (kg) x total number of days between exit and lowest weight recorded during recovery] / Number of recovered children	g / kg / day	> 8 g/kg/day	
3	Promoted to OTP rate	Outcome	Proportion of children successfully stabilised	Number of U5 discharge promoted to OTP / Total number of U5 discharges x 100	%	> 75%	
4	Recovery (cure) rate	Outcome	Proportion of children successfully recovered from SAM	Number of U5 discharge cured from SAM / Total number of U5 discharges x 100	%		
5	Death Rate (U5)	Outcome	Proportion of U5 exits from SC due to death	Number of U5 deaths / Total number of U5 discharges x 100	%	< 10%	
6	Default Rate (U5)	Outcome	Proportion of U5 exits from SC due to default	Number of U5 defaulters (confirmed and unconfirmed) / Total number of U5 discharged x 100	%	< 15%	

8.1b Outpatient Therapeutic Programme (OTP) - SAM Treatment							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
8	Number of new admissions to OTP	Process	Number of new admissions to OTP		Number		
9	Mean Length of Stay (U5)	Outcome	Average length of stay for U5 children who recovered	Sum number of days of admission for U5 children who recovered or cured / Number U5 discharges due to recovery or cured	Days	< 45 days	
10	Average Weight Gain (U5)	Outcome	Average number of grams that recovered children gained per kg per day since admission in OTP	Sum [(weight on exit - lowest weight recorded during recovery(g)) / lowest weight recorded during recovery (kg) x total number of days between discharge and lowest weight recorded during recovery] / Number of recovered children	g / kg / day	> 8 g/kg/day	
11	Recovery Rate (U5)	Outcome	Proportion of U5 exits from OTP due to recovery	Number of U5 recovered or cured from SAM/ Total number of U5 discharges x 100	%	> 75%	
12	Death Rate (U5)	Outcome	Proportion of U5 exits from OTP due to death	Number of U5 deaths / Total number of U5 discharges x 100	%	< 10%	
13	Default Rate (U5)	Outcome	Proportion of U5 exits from OTP due to default	Number of U5 defaulters (confirmed and unconfirmed) / Total number of U5 discharges x 100	%	< 15%	
14	Non-recovery rate	Outcome	Proportion of U5 exits from OTP due to non-recovery	(Number of medical referral + number of non-response) / Total number of U5 discharges	%		
15	Proportion of children requiring inpatient care	Outcome	Proportion of children requiring in-patient care	Number of U5 transfers to SC / (Total number of U5 discharges + transfers out) x 100	%		

8.1c Targeted Supplementary Feeding Programme performance Indicators - MAM Treatment

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
16	Number of new admissions to SFP	Process	Number of new admissions to SFP		Number		
17	Mean Length of Stay (U5)	Outcome	Average length of stay for U5 children who recovered or cured	Sum number of days of admission for individual U5 children who recovered or cured / Number U5 discharges due to recovery or cured	Days	< 120 days	
18	Average Weight Gain (U5)	Outcome	Average number of grams that recovered children gained per kg per day since admission in SFP	Sum [(weight on discharge - weight on admission on entry(g))/ weight on entry (kg) x total number of days between discharge and entry/admission / Number of recovered or cured children	g / kg / day	> 3 g/kg/ day	
19	Recovery Rate (U5)	Outcome	Proportion of U5 discharges from SFP due to recovery or cured	Number of U5 recovered or cured from MAM/ Total number of U5 discharges x 100	%	> 75%	
20	Death Rate (U5)	Outcome	Proportion of U5 discharges from SFP due to death	Number of U5 deaths / Total number of U5 discharges x 100	%	< 3%	
21	Default Rate (U5)	Outcome	Proportion of U5 discharges from SFP due to default	Number of U5 defaulters (confirmed and unconfirmed) / Total number of U5 discharges x 100	%	< 15%	
22	Non-recovery rate	Outcome	Proportion of U5 discharges from TSFP due to non-recovery	(Number of medical referral + number of non-response) / Total number of U5 discharges	%		

8.2 BLANKET FEEDING SUPPLEMENTARY FEEDING PROGRAMMES

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
23	Coverage of BSFP for under-five children	Outcome	Percentage of expected number of eligible children U5 who are enrolled in BSFP	Number of U5 enrolled at the end of the reporting period / (Expected Eligible children U5 in the reporting period) x 100	%	> 90%	This could be adopted depending on the target age group for BSFP
24	Coverage of BSFP for Pregnant and Lactating women	Outcome	Percentage of expected number of pregnant and lactating women who are enrolled in BSFP	Number of pregnant and lactating in BSFP at end of the reporting period / Expected number of pregnant and lactating women in the camp	%		

8.3 GROWTH MONITORING							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
25	Growth Monitoring Utilisation (U5)	Outcome	Proportion of expected number of children U5 who were screened for weight-for-age	Number of U5 screened for weight-for-age / Total population of U5 x 100	%	> 90%	
26	SAM Proportion (GMP)	Outcome	Proportion of expected number of children U5 who were screened during GMP with SAM	Total U5 falling under SAM(WFH, MUAC and/or oedema) / Total number of children covered by GMP x 100	%	< 2%	
27	MAM Proportion (GMP)	Outcome	Proportion of expected number of children U5 who were screened during GMP with MAM	Total U5 falling under MAM(WFH and/or MUAC) / Total number of children covered by GMP x 100	%	< 8%	
28	GAM proportion (GMP)	Outcome	Proportion of expected number of children U5 who were screened during GMP with MAM or SAM	SAM + MAM Cases / Total number of children covered by GMP x 100	%	< 10%	
29	SAM Proportion (MUAC)	Outcome	Proportion of expected number of children U5 who were screened for MUAC with SAM	Total U5 falling under SAM(MUAC and/or oedema) / Total number of children covered by screening x 100	%	< 2%	
30	MAM Proportion (MUAC)	Outcome	Proportion of expected number of children U5 who were screened for MUAC with MAM	Total U5 falling under MAM(MUAC) / Total number of children covered by screening x 100	%	< 8%	
31	GAM proportion (MUAC)	Outcome	Proportion of expected number of children U5 who were screened for MUAC with SAM or SAM	SAM + MAM Cases(MUAC) / Total number of children covered by screening x 100	%	< 10%	

9.0 REPRODUCTIVE HEALTH



9.1 ANTENATAL CARE							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Timing of first Ante-natal Visit	Outcome	Percentage of first time antenatal visits that were made in first trimester	Number of first time ANC visits made in first trimester / Number of first-time ANC visits x 100	%	100%	
2	Coverage of Complete Antenatal Care	Outcome	Proportion of pregnant women who made at least 4 antenatal visits during pregnancy	Number of pregnant women who had made at least 4 antenatal visits / Total number of live births x 100		100%	
3	ANC syphilis testing coverage	Outcome	Proportion of pregnant women who were screened for syphilis during antenatal period	Number of pregnant women who were screened for syphilis during the antenatal period / Total Number of live births x 100	%	100%	
4	Proportion of ANC syphilis positivity	Outcome	Proportion of ANC women that tested positive for syphilis	Number of ANC women who tested positive for syphilis / Total number of ANC women tested x 100	%		Dissaggregated by Age (< 18 and > 18 years), sex
5	Coverage of ANC Anemia Screening	Outcome	Proportion of ANC women who were screened for Anemia during pregnancy.	Number of ANC women screened for anemia / Total Number of live births x 100	%	100%	
6	Proportion of Anemia among pregnant women	Impact	Proportion of ANC women with severe or moderate anaemia	Number of ANC women with severe and moderate anaemia / Total Number of ANC women tested x 100	%		
7	Coverage of Tetanus Toxoid	Outcome	Proportion of ANC women who were fully vaccinated for Tetanus during pregnancy	Number of ANC women fully vaccinated for tetanus / Total number of live births x 100	%	100%	
8	Coverage of Intermittent Presumptive Treatment for Malaria	Outcome	Proportion of ANC women who received at least 2 doses of malaria prophylaxis during pregnancy	Number of ANC women who received at least 2 doses of malaria prophylaxis / Total number of live births x 100	%		
9	Coverage of deworming prophylaxis (ANC)	Outcome	Proportion of ANC women who were dewormed during pregnancy	Number of ANC women who had received deworming treatment / Total number of expected births x 100	%		

10	Post Abortion Care	Impact	Number of women receiving post abortion care	Number of women receiving post abortion care	Number		Dissaggregated by Age (< 18 and > 18 years), sex
11	ANC HIV testing coverage	Outcome	Proportion of first time ANC visits who were tested for HIV	Number of first-time ANC visits tested for HIV / Number of first ANC visits	%	100%	
12	Proportion of ANC HIV positivity	Impact	Proportion of pregnant women who were tested for HIV and were positive	Number of pregnant women who tested HIV positive during ANC visits / Number of pregnant women tested during ANC visits x 100	%		HIV prevalence in ANC can be a valid proxy for the prevalence in the general population. However, it must be used with care and the source must be explicitly mentioned when used.
13	Proportion of sero-positive pregnant women on ART	Outcome	Percentage of HIV-positive pregnant women receiving ART to reduce the risk of mother-to-child transmission (MTCT)	Number of HIV positive women receiving ART / Total number HIV positive pregnant women x 100	%		Includes newly initiated and continuing treatment

9.2 DELIVERY CARE

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
14	Crude Birth Rate		Rate of live births among the population	Number of live births in the camp / Total population x 1000	/ 1000 population / month	10-40 / 1000 / year	
15	Skilled birth attendance	Outcome	Proportion of births attended by skilled health worker (*)	Number of deliveries attended by skilled health worker (at the health facility + referred cases) / Number of live births and still births x 100	%	100%	* Defined as births in a health facility by a qualified, skilled health worker such as doctors, nurses or midwives (persons with midwifery skills who can diagnose and manage obstetrical emergencies as well as normal deliveries). Traditional birth attendants (trained or untrained) are not included. Deliveries are irrespective of outcome (live or still birth)
16	Proportion of obstetric complications detected	Performance	Proportion of obstetric complications (*) detected	Number of obstetric complications detected during pregnancy and delivery / Number of total births x 100	%		* Defined as antepartum haemorrhage, post-partum haemorrhage, obstructed labour, pre-eclampsia, eclampsia or puerperal sepsis Denominator to include live and still births

17	Proportion of referred obstetric complications	Impact	Proportion of obstetric complications (*) referred to CEmOC facility	Number of obstetric complications referred to higher level facility / Number of obstetric complications x 100	%	100%	* Defined as ante-partum haemorrhage, post-partum haemorrhage, obstructed labour, pre-eclampsia, eclampsia or puerperal sepsis
18	Proportion of all birth performed by caesarean section	Outcome	Proportion of live births performed by caesarian section	Number of live births performed by caesarian section + number referred for obstetric complications who receive caesarian section / Number of live births x 100	%	5 to 15%	This indicator should include women who are referred for obstetric complications who receive caesarian sections at referral health facilities
19	Proportion of Low Birth Weight newborns	Impact	Proportion of live births less than 2500g	Number of live births < 2500g / Number of live births x 100	%	< 15%	Live births is included here rather than expected births. This includes ONLY babies who are weighed immediately after birth in a health facility
20	Stillbirth Rate	Impact	Rate of stillbirths* in proportion to number of births	Number of stillbirths / Number of live births and stillbirths x 1000	/ 1000 total births / month		* Stillbirth is defined as a fetal death after 22 weeks of gestation and prior to delivery

9.3 POSTNATAL CARE

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
21	Postnatal Vitamin A Coverage Rate	Outcome	Proportion of women who received Vitamin A prophylaxis within 6 weeks of delivery	Number of women receiving one dose of Vitamin A within 6 weeks of delivery / Number of live births x 100	%	100%	
22	Coverage of Complete Postnatal Care	Outcome	Proportion of women who received 3 postnatal visits within six weeks of delivery.	Number of women attended for post-natal care 3 times within 6 weeks of delivery / Number of live births x 100	%	100%	Visit for mother and new born. Disaggregate where they are offered separately
23	Co-trimoxazole Prophylaxis (infant)	Outcome	Proportion of HIV positive infants or infants born to HIV positive mothers started co-trimoxazole prophylaxis within 2 months of birth	Number of HIV positive infants or infants born to HIV positive mothers started on co-trimoxazole prophylaxis / Total number of HIV positive deliveries x 100	%	100%	

9.4 FAMILY PLANNING							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
24	Contraceptive Prevalence	Outcome	Proportion of women of reproductive age (15-49) who are using (or whose partner is using) a contraceptive method	Number of women of reproductive age (15-49) using a contraceptive method (new and repeat users) / Number of women 15-49 years x 100	%		
9.5 SEXUAL AND GENDER-BASED VIOLENCE (SGBV)							
S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
25	Number of rape reported in health facilities	Impact	Number of rape cases reported in health facility	Number of rape cases reported			Dissaggregated by Age (< 18 and > 18 years), sex
26	Timing of ECP Provision	Outcome	Proportion of rape survivors who receive emergency contraceptive pill (ECP) within 120 hours of an incident	Number of rape survivors who receive ECP within 120 hours of an incident / Total number of rape cases reported within 120 hours x 100	%	100% of eligible rape survivors	
27	Timing of PEP Provision	Outcome	Proportion of rape survivors who receive post-exposure prophylaxis (PEP) within 72 hours of an incident	Number of rape survivors who receive PEP within 72 hours of an incident / Total number of rape cases reported within 72 hours x 100	%	100% of eligible rape survivors	
28	Timing of STI Presumptive Treatment Provision	Outcome	Proportion of rape survivors who receive presumptive STI treatment within 2 weeks of an incident	Number of rape survivors who receive presumptive STI treatment within 2 weeks of an incident / Total number of rape cases reported within 2 weeks of the incident x 100	%	100% of eligible rape survivors	



10.1 CONDOM DISTRIBUTION

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
1	Condom Distribution Rate	Outcome	Rate of condom distribution among the population	Number of condoms distributed per month / Total population	Nr / person / month	0.5 condoms / person / month	Include male and female condoms

10.2 HIV COUNSELLING AND TESTING

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
2	HIV Counselling and Testing	Outcome	Number of women and men who received an HIV test and know their results	Number of people tested for HIV who know their results	Number		Disaggregate by Age/Sex/Place of testing/Sero status

10.3 ANTI-RETROVIRAL THERAPY (ART)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Remarks
3	Number of HIV positive adults and children on ART	Outcome	Number of persons on ART	Number of persons on ART	Number		Dissaggregated by Age, sex, new/continued, pregnant, line of treatment, TB status assessed, Isoniazide prophylaxis, TB treatment status, viral load testing, viral suppression status, exclusive breast-feeding
4	Proportion of Infants on Anti retroviral Prophylaxis	Outcome	Percentage of infants born to HIV-infected women receiving antiretroviral (ARV) prophylaxis for prevention of mother-to-child transmission (PMTCT)	Number of infants on ARVs born to HIV+ mothers / total number of infants born to HIV+ mothers x 100	%		Dissaggregated by sex
5	Infant HIV testing with PCR	Impact	Proportion of infants born to HIV positive mothers who receive a PCR test at 2 months	Number of infants born to HIV positive mothers who receive a PCR test at 2 months / Total number of infants born to HIV positive mothers x 100	%		Dissaggregated by sex

NOTES

- All numerators and denominators refer to one camp over a one month time period.
- All indicators refer to refugee data only, unless it is specified that National data should be included.

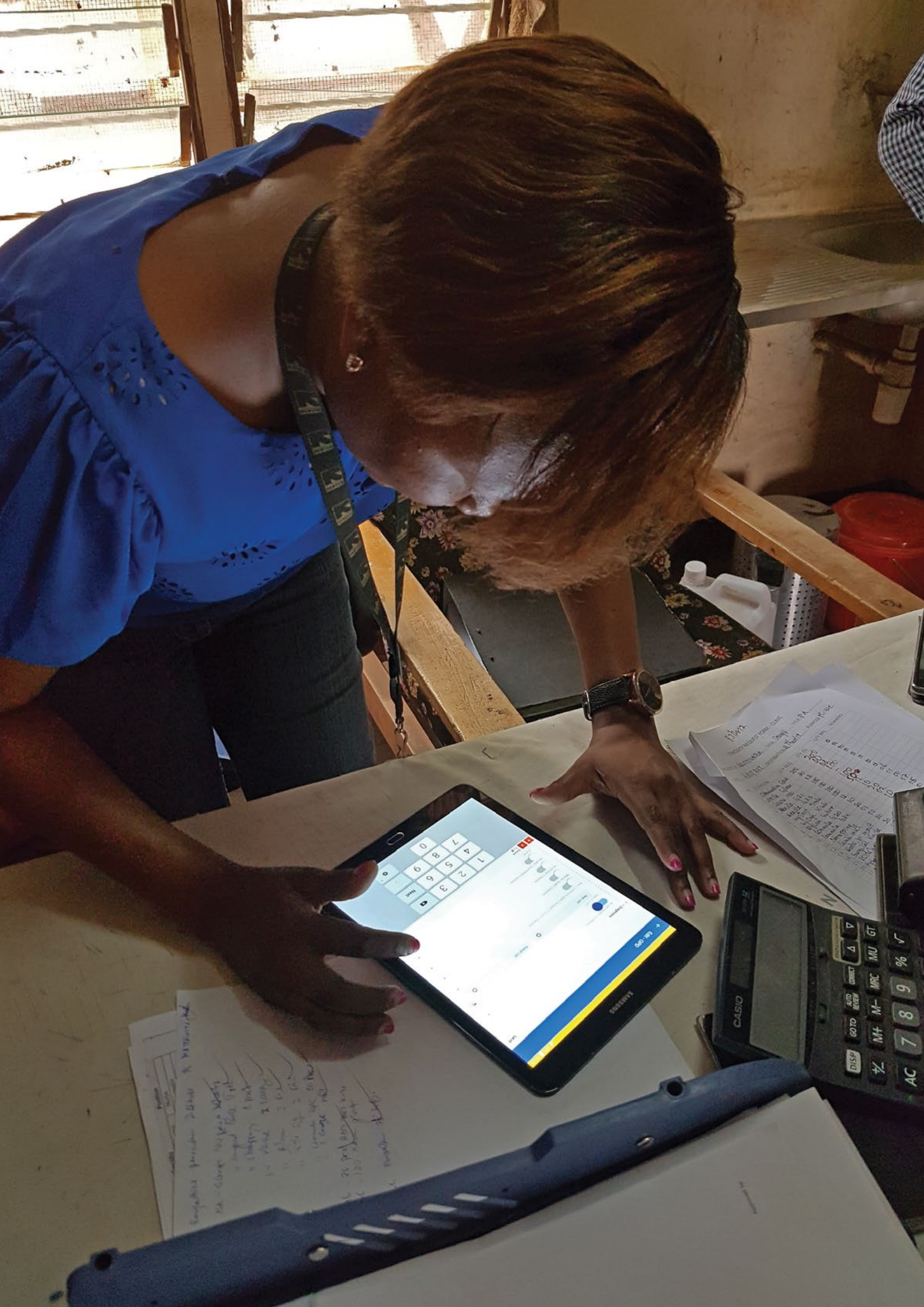


Photo on the left: Clinician in Kakuma Refugee Camp entering health data in a tablet.

Back cover photo: Kakuma Refugee Camp immunization room.

© UNHCR/Vincent Kahi

