

Health Information System (HIS)

Standards and Indicators Guide

Revised
February 2008

Introduction

This Guide lists the standards and indicators used within the Health Information System (HIS). 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 HIS. This numbering is consistent throughout the HIS toolkit and HIS database, and helps to identify the tools, forms and guidelines that are required to collect and report each indicator.

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.

Statistics

Section

1.0	Population	6
2.0	Mortality	9
3.0	Morbidity	12
4.0	IPD and Referral	8
5.0	Laboratory	6
6.0	Disease Control	1
7.0	EPI	5
8.0	Nutrition	25
9.0	Reproductive Health	20
10.0	HIV/AIDS	18
Total *		110

* does not include full disaggregation of indicators (e.g. into cause-specific incidence rates; antigen-specific coverage rates)

Table of Contents

1.0 POPULATION 6

1.0 Population	7
a. Total population	7
b. Live births.....	7
c. Infants under one	7
d. Children under five.....	7
e. Female 15-49 years of age.....	7
f. Pregnant and Lactating women	7

2.0 MORTALITY 8

2.1 Mortality by Age	9
a. Crude Mortality Rate (CMR)	9
b. Under 5 Mortality Rate (U5MR)	9
c. Infant Mortality Rate (IMR).....	9
d. Neonatal Mortality Rate (NNMR).....	9
Gender-specific Mortality Rate	9
2.2 Mortality by Cause	10
Maternal Mortality Ratio (MMR).....	10
e. Proportional Mortality Rate	10
2.3 Maternal Death Reporting and Investigation	10
f. Number of maternal deaths reported.....	10
g. Investigation of maternal deaths.....	10

3.0 MORBIDITY 11

3.1 Consultation	12
a. Total number of consultations	12
b. Health Facility Utilization Rate	12

c. Consultations per clinician per day	12
d. Proportional service use by Nationals	12
3.2 Morbidity	13
e. Incidence Rate	13
f. Proportional Morbidity Rate	13
3.3 Outbreak Alert and Response	13
g. Number of outbreaks reported	13
h. Timing of Outbreak Investigation	13
3.4 Sexually Transmitted Infection (STI)	14
i. Incidence of Male Urethral Discharge.....	14
j. Incidence of Genital Ulcer Disease.....	14
k. Proportion of STI among Under 18s	14
l. Partner Tracing	14

4.0 INPATIENT DEPARTMENT AND REFERRAL 15

4.1 Inpatient Department Activities	16
a. Number of patients at the end of the month	16
b. Proportion of U5 deaths within 24 hours.....	16
c. Average Length of Stay.....	16
d. Bed Occupancy Rate	16
e. Hospitalisation Rate	16
f. Proportional Service use by Nationals.....	17
4.2 Inpatient Department Admissions and Deaths	17
g. Case Fatality Rate	17
4.3 Referral	17
h. Referral Rate.....	17

5.0 LABORATORY 18

5.1 Malaria	19
a. Malaria Slide Positivity Rate	19
b. RDT Positivity Rate.....	19

f. Coverage of Tetanus Toxoid	35	f. Post test Counseling and Result (ANC partners)	42
g. Coverage of Intermittent Presumptive Treatment for Malaria	35	g. Proportional PMTCT service use by Nationals	42
9.2 Delivery Care	36	10.4 PMTCT (Labour and Delivery)	43
i. Crude Birth Rate	36	h. Antiretroviral Propylaxis (Mother)	43
j. Proportion of Births Attended by Skilled Health Worker	36	i. Antiretroviral Propylaxis (Infant)	43
k. Proportion of Deliveries at EmOC facility.....	36	j. Proportional ARV Use (Mother-Infant Pair).....	43
l. Proportion of Low Birth Weight newborns	36	10.5 PMTCT (Postnatal)	44
m. Management of obstetric complications	37	k. Exclusive Breastfeeding Rate	44
Stillbirth Rate	37	l. Home-based Counselling.....	44
n. Proportion of all birth performed by caesarian section	37	m. Family Planning Acceptance Rate.....	44
9.3 Postnatal Care	38	n. Co-trimoxazole Prophylaxis (mother)	44
o. Coverage of Complete Postnatal Care	38	o. Co-trimoxazole Prophylaxis (infant).....	45
9.4 Family Planning	38	Infant HIV positivity rate	45
p. Contraceptive Prevalence Rate.....	38		
9.5 Sexual and Gender-based Violence (SGBV)	38		
q. Incidence of Reported Rapes	38		
r. Timing of ECP Provision.....	39		
s. Timing of PEP Prophylaxis	39		
t. Timing of STI Presumptive Treatment.....	39		
10.0 HIV/AIDS	40		
10.1 Condom Distribution	41		
a. Condom Distribution Rate.....	41		
10.2 Voluntary Counselling and Testing	41		
HIV Prevalence Rate (VCT).....	41		
b. Post test Counseling and Result	41		
c. Proportional VCT service use by Nationals	41		
10.3 PMTCT (Antenatal)	42		
d. PMTCT Coverage Rate	42		
HIV Prevalence Rate (PMTCT)	42		
e. Post test Counseling and Result	42		

Health Information System (HIS)

Standards and Indicators Guide

1.0 Population

Note

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.

1.0 Population

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
1.	a. Total population		Total number of persons	From proGres	Number			Disaggregated by sex
2.	b. Live births		Number of live births	Figure taken from Delivery Registers	Number			Disaggregated by sex. For Crude Birth Rate see Section 9.2m
3.	c. Infants under one		Number of infants < 1 year of age	From proGres	Number			Disaggregated by sex
4.	d. Children under five		Number of children under 5 years of age	From proGres	Number			Disaggregated by sex
5.	e. Female 15-49 years of age		Number of women aged 15-49 (of reproductive age)	Total population x 0.2	Number	20% of total population		
6.	f. Pregnant and Lactating women		Number of women who are pregnant and lactating	Total population x 0.04	Number	4% of total population		Assuming CBR of approx. 35 per year.

Health Information System (HIS)

Standards and Indicators Guide

2.0 Mortality

Note

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2.1 Mortality by Age

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
7.	a. Crude Mortality Rate (CMR)	Impact	Rate of deaths in the total population	Total number of deaths / Total population x 1000	/ 1000 population / month	< 1.5 deaths / 1000 / month	SPHERE	Disaggregated by sex (see gender specific mortality rate)
8.	b. Under 5 Mortality Rate (U5MR)	Impact	Rate of deaths among children under five	Number of deaths among under fives / Total under five population x 1000	/ 1000 population / month	< 3 deaths / 1000 / month	SPHERE	Disaggregated by sex (see gender specific mortality rate)
9.	c. 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	SPHERE	Disaggregated by sex (see gender specific mortality rate)
10.	d. 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	< 40 deaths / 1000 live births	SPHERE	
11.	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	Source	Remarks
12.	Maternal Mortality Ratio (MMR)	Impact	Rate of pregnancy-related deaths* among the population <i>* Death within pregnancy or within 42 days of termination of pregnancy</i>	Number of pregnancy-related deaths / Total number of live births x 100000	/ 100 000 live births		SPHERE	Presented in specific reports as annualised figures only, as more stable reference
13.	e. Proportional Mortality Rate	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	SPHERE	Disaggregated by crude and under five

2.3 Maternal Death Reporting and Investigation

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
14.	f. Number of maternal deaths reported	Process	Number of reported maternal deaths		Number		IAWG RH	
15.	g. Investigation of maternal deaths	Process	Proportion of reported maternal deaths which are investigated\	Number of maternal deaths investigated / Number of maternal deaths	%		IAWG RH SPHERE	

Health Information System (HIS)

Standards and Indicators Guide

3.0 Morbidity

Note

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3.1 Consultation

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source(s)	Remarks
16.	a. Total number of consultations	Process	Total number of consultations (new and revisit; Refugee and National)		Number			
17.	b. 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	UNHCR SPHERE	
18.	c. 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	UNHCR SPHERE	
19.	d. 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	Source	Remarks
20.	e. Incidence Rate	Impact	Rate of occurrence of new diseases or health problems in the population	Number of new cases of particular disease / Total population x 1000	/ 1000 population / month		SPHERE	Disaggregated by crude and under five
21.	f. Proportional Morbidity Rate	Impact	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	SPHERE	Disaggregated by crude and under five

3.3 Outbreak Alert and Response

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
22.	g. Number of outbreaks reported	Process	Number of outbreaks reported		Number			
23.	h. Timing of Outbreak Investigation	Outcome	Proportion of reported outbreaks which are investigated within 48 hours	Number of reported outbreaks that are investigated within 48 hours / Number of reported outbreaks	%		SPHERE	

3.4 Sexually Transmitted Infection (STI)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
24.	i. Incidence of Male Urethral Discharge	Impact	Incidence of male urethral discharge among male population	Number of cases of male urethral discharge reported / Total male population x 1000	/ 1000 population / month		UNHCR	
25.	j. Incidence of Genital Ulcer Disease	Impact	Incidence of genital ulcer disease among total population	Number of cases of genital ulcer disease / Total population x 1000	/ 1000 population / month		UNHCR	
26.	k. Proportion of STI among Under 18s	Process	Proportion of syndromic STIs diagnosed among under 18s	Number of STIs diagnosed among under 18s / Total number of STIs diagnosed x 100	%			
27.	l. Partner Tracing	Outcome	Ratio of contacts of suspected STI cases treated to total number of suspected STI cases	Number of contacts treated / Number of cases identified x 100	%			

Health Information System (HIS)

Standards and Indicators Guide

4.0 Inpatient Department and Referral

Note

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4.1 Inpatient Department Activities

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
28.	a. Number of patients at the end of the month	Process	Number of patients at the end of the month		Number			
29.	b. 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	%		UNHCR	
30.	c. 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			
31.	d. 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%	UNHCR	
32.	e. 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	UNHCR	

33.	f. Proportional Service use by Nationals	Process	Proportional number of inpatient admissions by Nationals	Number of admissions to Nationals / Total number of admissions (Refugee + National) x 100	%			
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4.2 Inpatient Department Admissions and Deaths

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
34.	g. Case Fatality Rate	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	Source	Remarks
35.	h. 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

Health Information System (HIS)

Standards and Indicators Guide

5.0 Laboratory

Note

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5.1 Malaria

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
36.	a. 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	%			
37.	b. RDT 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	%			

5.2 Tuberculosis

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
38.	c. 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	%			

5.3 Blood Donation

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
39.	d. Quality of blood donation screening	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	%		UNGASS	

5.4 RPR Testing (OPD)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
40.	e. Syphilis Prevalence Rate (OPD)	Outcome	Proportion of STI patients, who were screened for syphilis using Rapid Plasma Reagin (RPR), who were RPR positive	Number of STI patients tested RPR positive / Total number of STI patients tested x 100	%			
41.	f. Partner Tracing	Outcome	Ratio of contacts of RPR positive cases tested to total number of RPR positive cases	Number of RPR positive contacts tested / Number of RPR positive cases x 100	%			

Health Information System (HIS)

Standards and Indicators Guide

6.0 Disease Control

Note

All numerators and denominators refer to one camp over a one month time period.

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6.1 Tuberculosis

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
42.	Treatment Success Rate	Outcome	Percentage of new smear positive patients who are documented to be cured, or to have successfully completed treatment	Number of new, registered smear-positive (infectious) cases that were cured or completed a full course / Total number of new, registered cases x 100	%			Calculated in HIS database using cohort analysis. Presented in specific reports only

Health Information System (HIS)

Standards and Indicators Guide

7.0 EPI

(Expanded Programme on Immunization)

Note

All numerators and denominators refer to one camp over a one month time period.

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7.1 Children Vaccinated

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
43.	a. Vaccination Coverage Rate	Outcome	Percentage of infants under one year who are fully immunized against target disease	Number of infants who finished antigen course / Total number of infants / 12	%	95%	UNICEF	Disaggregated by BCG, Polio, DPT, Measles, Fully Immunized
44.	b. Program Drop Out Rate	Outcome	Proportion of infants not receiving all three required doses of DTP after receiving an initial dose, compared number of infants who receive an initial dose.	(Number of infants who receive DPT 1 - Number of infants who receive DPT 3) / Number of infants who received DPT 1	%	< 10 %	UNICEF	

7.2 Vaccine Wastage

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
45.	c. Vaccine Wastage Rate	Outcome	Proportion of doses of vaccine supplied but not administered	(Number of doses of vaccine supplied - Number of doses administered (Refugee + National) / Number of doses supplied	%	< 8%	UNICEF	Disaggregated by BCG, Polio, DPT, Measles, Tetanus Toxoid

7.3 Vitamin A Distribution

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
46.	d. 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%		

7.5 Growth Monitoring

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
47.	e. 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%		

Health Information System (HIS)

Standards and Indicators Guide

8.0 Nutrition

Note

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8.1 Supplementary Feeding Program

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
48.	a. Number of new admissions to SFP	Process	Number of new admissions to SFP		Number			
49.	b. Mean Length of Stay (U5)	Outcome	Average length of stay for U5 children who recovered	Sum number of weeks of admission for U5 children who recovered / Number U5 exits due to recovery	Weeks	< 2 months	WFP/ UNHCR	
50.	c. Recovery Rate (U5)	Outcome	Proportion of U5 exits from SFP due to recovery	Number of U5 recovered / Total number of U5 exits x 100	%	> 75%	WFP/ UNHCR	Disaggregated by Refugee and National
51.	d. Death Rate (U5)	Outcome	Proportion of U5 exits from SFP due to death	Number of U5 deaths / Total number of U5 exits x 100	%	< 3%	WFP/ UNHCR	Disaggregated by Refugee and National
52.	e. Default Rate (U5)	Outcome	Proportion of U5 exits from SFP due to default	Number of U5 defaulters / Total number of U5 exits x 100	%	< 15%	WFP/ UNHCR	Disaggregated by Refugee and National

53.	f. Coverage of SFP (U5)	Outcome	Percentage of expected number of moderately malnourished children U5 who are enrolled in SFP	Number of U5 enrolled at end of the month / (Estimated moderate acute malnutrition rate x population U5) x 100	%	> 90%		
54.	g. Coverage of SFP (Pregnant and Lactating)	Outcome	Percentage of expected number of pregnant and lactating women who are enrolled in SFP	Number of pregnant and lactating in SFP at end of the month / Expected number of pregnant and lactating women in the camp	%			

8.2 Therapeutic Feeding Program

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
55.	a. Number of new admissions to TFP	Process	Number of new admissions to TFP		Number			
56.	b. 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 / Number U5 exits due to recovery	Days	< 30 days	WFP/ UNHCR	Disaggregated by Marasmus and Kwash'rkor

57.	c. Average Weight Gain (U5)	Outcome	Average number of grams that recovered children gained per kg per day since admission in TFP	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	WFP/ UNHCR	Disaggregated by Marasmus and Kwash'ror
58.	d. Recovery Rate (U5)	Outcome	Proportion of U5 exits from TFP due to recovery	Number of U5 recovered / Total number of U5 exits x 100	%	> 75%	WFP/ UNHCR	Disaggregated by Refugee and National
59.	e. Death Rate (U5)	Outcome	Proportion of U5 exits from TFP due to death	Number of U5 deaths / Total number of U5 exits x 100	%	< 10%	WFP/ UNHCR	Disaggregated by Refugee and National
60.	f. Default Rate (U5)	Outcome	Proportion of U5 exits from TFP due to default	Number of U5 defaulters / Total number of U5 exits x 100	%	< 15%	WFP/ UNHCR	Disaggregated by Refugee and National

61.	g. Coverage of TFP (U5)	Outcome	Percentage of expected number of severely malnourished children U5 who are enrolled in TFP	Number of U5 enrolled at end of the month / (Estimated severe acute malnutrition rate x population U5) x 100	%	> 90%		
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8.3 Community-based Therapeutic Care (CTC)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
8.3a Stabilisation Centre (SC)								
62.	a. Number of new admissions to SC	Process	Number of new admissions to SC		Number			
63.	b. 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 / Number U5 exits due to recovery	Days			Disaggregated by Marasmus and Kwash'ror
64.	c. Stabilisation Rate (U5)	Outcome	Proportion of children successfully stabilised	Number of U5 discharges to OTP / Total number of U5 exits x 100	%			Disaggregated by Marasmus and Kwash'ror
8.3b Outpatient Therapeutic Program (OTP)								
65.	a. Number of new admissions to OTP	Process	Number of new admissions to OTP		Number			

66.	b. Mean Length of Stay (U5)	Outcome	Average length of stay for U5 children who recovered	Sum number of weeks of admission for U5 children who recovered / Number U5 exits due to recovery	Weeks			Disaggregated by Marasmus and Kwash'ror
67.	c. 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 exit and lowest weight recorded during recovery] / Number of recovered children	g / kg / day			Disaggregated by Marasmus and Kwash'ror
68.	d. Recovery Rate (U5)	Outcome	Proportion of U5 exits from OTP due to recovery	Number of U5 recovered / Total number of U5 exits x 100	%			Disaggregated by Refugee and National
69.	e. Death Rate (U5)	Outcome	Proportion of U5 exits from OTP due to death	Number of U5 deaths / Total number of U5 exits x 100	%			Disaggregated by Refugee and National
70.	f. Default Rate (U5)	Outcome	Proportion of U5 exits from OTP due to default	Number of U5 defaulters / Total number of U5 exits x 100	%			Disaggregated by Refugee and National

71.	h. Proportion of children requiring inpatient care	Outcome	Proportion of children requiring in-patient care	Number of U5 transfers to SC / Total number of U5 exits x 100	%			Disaggregated by Refugee and National
72.	g. Coverage of CTC (U5)	Outcome	Percentage of expected number of severely malnourished children U5 who are enrolled in CTC	Number of U5 enrolled at end of the month / (Estimated severe acute malnutrition rate x population U5) x 100	%			

Health Information System (HIS)

Standards and Indicators Guide

9.0 Reproductive Health

Note

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9.1 Antenatal Care

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
73.	a. Timing of first Antenatal 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	%			
74.	b. Coverage of Syphilis Screening	Outcome	Proportion of ANC mothers who were screened for syphilis during pregnancy	Number of pregnant women who had been screened for syphilis during the antenatal period at the time of delivery / Total number of live births x 100	%	100%	IAWG RH	
75.	c. Prevalence of Syphilis	Impact	Percentage of ANC mothers that tested positive on Rapid Plasma Reagin testing	Number of pregnant women tested positive for syphilis / Total number of ANC mothers tested x 100	%		IAWG RH	
76.	d. Abortion ratio	Impact	Ratio of abortions* to live births in a population * Abortion defined as a spontaneous miscarriage before 22 weeks gestation	Number of abortions in the camp / Total number of live births in the camp x 1000	/ 1000 live births		IAWG RH	

77.	e. Coverage of Complete Antenatal Care	Outcome	Proportion of ANC mothers who made at least 4 antenatal visits during pregnancy	Number of pregnant women who had made at least 4 antenatal visits at the time of delivery / Total number of live births x 100	%	100%	IAWG RH	
78.	f. Coverage of Tetanus Toxoid	Outcome	Proportion of ANC mothers who received 2 doses of tetanus toxoid (TT) vaccine during pregnancy	Number of pregnant women who had received 2 doses of TT (or were fully vaccinated) during the antenatal period at the time of delivery / Total number of live births x 100	%	100%	IAWG RH	
79.	g. Coverage of Intermittent Presumptive Treatment for Malaria	Outcome	Proportion of ANC mothers who received 2 doses of fansidar (SP) prophylaxis during pregnancy	Number of pregnant women who had received two doses of SP during the antenatal period at the time of delivery / Total number of live births x 100	%	100%		

9.2 Delivery Care

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
80.	i. 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	UNHCR	
81.	j. Proportion of Births Attended by Skilled Health Worker	Outcome	<p>Proportion of births attended by skilled health worker*</p> <p><i>*Defined as doctors and/or persons with midwifery skills who can diagnose and manage obstetrical emergencies as well as normal deliveries.</i></p> <p><i>Traditional birth attendants (trained or untrained) are not included</i></p>	Number of deliveries attended by trained health workers / Number of deliveries x 100	%	100%	IAWG RH	Deliveries are irrespective of outcome (live or still birth)
82.	k. Proportion of Deliveries at EmOC facility	Outcome	<p>Proportion of deliveries at an EmOC facility*</p> <p><i>*Health centre includes maternity wards in the camp and government hospitals define as EmOC facility</i></p>	Number of deliveries in an EmOC facility / Number of deliveries x 100	%	> 15%	UN Process	Deliveries are irrespective of outcome (live or still birth)
83.	l. Proportion of Low Birth Weight newborns	Impact	Proportion of live births that were less than 2500 g	Number of live births < 2500g / Number of live births x 100	%	< 15%	IAWG RH	

84.	m. Management of obstetric complications	Impact	<p>Proportion of obstetric complications treated at an EmOC facility</p> <p><i>* Defined as antepartum haemorrhage, post-partum haemorrhage, obstructed labour, pre-eclampsia, eclampsia or puerperal sepsis</i></p>	<p>Number of obstetric complications treated at an EmOC facility / Number of obstetric complications x 100</p>	%		IAWG RH UN Process	
85.	Stillbirth Rate	Impact	<p>Rate of still births* in proportion to number of births</p> <p><i>* Still birth defined as a fetal death after 22 weeks gestation</i></p>	<p>Number of still births / Number of live births and stillbirths x 1000</p>	/ 1000 total births / month		IAWG RH	
86.	n. Proportion of all birth performed by caesarian section	Outcome	<p>Proportion of live births performed by caesarian section</p>	<p>Number of live births performed by caesarian section / Number of live births x 100</p>	%	5 to15%	IAWG RH UN Process	

9.3 Postnatal Care

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
87.	o. 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%	IAWG RH	

9.4 Family Planning

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
88.	p. Contraceptive Prevalence Rate	Outcome	Proportion of women of reproductive age (15-49) who are using (or whose partner is using) a contraceptive method	Number of family planning acceptors (new and repeat) / Number of women 15-49 years x 100	%		IAWG RH	

9.5 Sexual and Gender-based Violence (SGBV)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
89.	q. Incidence of Reported Rapes	Impact	Rate at which rapes are reported in the population	Number of rape cases reported / Total population x 1000	/ 1000 population / month		IAWG RH MISP	

90.	r. Timing of ECP Provision	Outcome	Proportion of rape survivors who receive emergency contraceptive pill (ECP) within 120 hours of an incident occurring	Number of rape survivors who receive ECP within 120 hours of an incident / Total number of rape cases reported	%	100% of eligible rape survivors		
91.	s. Timing of PEP Prophylaxis	Outcome	Proportion of rape survivors who receive post-exposure prophylaxis (PEP) within 72 hours of an incident occurring	Number of rape survivors who receive PEP within 72 hours of an incident / Total number of rape cases reported	%	100% of eligible rape survivors	IAWG RH	
92.	t. Timing of STI Presumptive Treatment	Outcome	Proportion of rape survivors who receive presumptive STI treatment within 2 weeks of an incident occurring	Number of rape survivors who receive presumptive STI treatment within 2 weeks of an incident / Total number of rape cases reported	%	100% of eligible rape survivors		

Health Information System (HIS)

Standards and Indicators Guide

10.0 HIV/AIDS

Note

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.

For VCT and PMTCT numerators and denominators, it is assumed that each client progresses consecutively through each stage of counselling and testing (i.e. an individual who is tested for HIV is assumed to have had pre-test counselling; and an individual who is post-test counselled is assumed to have had pre-test counselling and testing).

10.1 Condom Distribution

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
93.	a. Condom Distribution Rate	Outcome	Rate of condom distribution among the population	Number of condoms distributed (male and female) / Total population x 1000	/ person / month	0.5 condoms / person / month	IAWG RH UNHCR	

10.2 Voluntary Counselling and Testing

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
	HIV Prevalence Rate (VCT)	Impact	Proportion of VCT clients, who were tested for HIV, who were HIV positive	Number of VCT clients tested HIV positive / Number of VCT clients tested x 100	%			
94.	b. Post test Counseling and Result	Outcome	Proportion of VCT clients tested for HIV, who received post-test result and counselling	Number of VCT clients post-test counselled / Number of VCT clients tested x 100	%		UNHCR	
95.	c. Proportional VCT service use by Nationals	Outcome	Proportion of Nationals who were pre-test counselled, out of the total number who were pre-test counseled in VCT	Number of Nationals pre-test counselled in VCT / Number of VCT clients pre-test counselled (Refugee and National)	%			

10.3 PMTCT (Antenatal)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
96.	d. PMTCT Coverage Rate	Outcome	Proportion of first time ANC visits who were pre-test counselled	Number of first ANC visits pre-test counselled / Number of first ANC visits	%			
	HIV Prevalence Rate (PMTCT)	Impact	Proportion of first ANC visits, who were tested for HIV, who were HIV positive	Number of first ANC visits tested HIV positive / Number of first ANC visits tested x 100	%			
97.	e. Post test Counseling and Result	Outcome	Proportion of first ANC visits tested for HIV, who received post-test result and counselling	Number of first ANC visits post-test counselled / Number of first ANC visits tested x 100	%		UNHCR	
98.	f. Post test Counseling and Result (ANC partners)	Outcome	Proportion of ANC partners, who were pre-test counselled and HIV tested, who received post-test result and counselling	Number of ANC partners post-test counselled / Number of ANC partners tested x 100	%			
99.	g. Proportional PMTCT service use by Nationals	Outcome	Proportion of Nationals who were pre-test counselled, out of the total number who were pre-test counseled in PMTCT	Number of Nationals pre-test counselled in PMTCT / Total number of PMTCT clients pre-test counselled (Refugee and National)	%			

10.4 PMTCT (Labour and Delivery)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
100.	h. Antiretroviral Prophylaxis (Mother)	Outcome	Proportion of HIV positive mothers who swallowed ARV during labour/delivery	Number of HIV positive mothers who swallowed ARV during labour/delivery / Total number HIV positive deliveries x 100	%			
101.	i. Antiretroviral Prophylaxis (Infant)	Outcome	Proportion of infants of HIV positive mothers who swallowed ARV within 72 hours of delivery	Number of infants of HIV positive mothers who swallowed ARV within 72 hours of delivery / Total number HIV positive deliveries x 100	%			
102.	j. Proportional ARV Use (Mother-Infant Pair)	Outcome	Ratio of mother-infant pairs that swallowed ARV on time to the number of HIV positive deliveries	Number of mother-infant pairs who swallowed ARV according to protocol / Total number HIV positive deliveries x 100	%			

10.5 PMTCT (Postnatal)

S/N	Indicator Name	Type	Description	Formula	Units	Standard	Source	Remarks
103.	k. Exclusive Breastfeeding Rate	Outcome	Proportion of HIV positive mothers who plan to exclusively breastfeed after delivery	Number of HIV positive mothers who plan to exclusively breastfeed / Total number of HIV positive deliveries x 100	%			
104.	l. Home-based Counselling	Outcome	Proportion of HIV positive mothers who received at least one home-based counselling visit after delivery	Number of HIV positive mothers who received at least one home-based counselling visit after delivery/ Total number of HIV positive deliveries x 100	%			
105.	m. Family Planning Acceptance Rate	Outcome	Proportion of HIV positive mothers who accepted a modern method of family planning after delivery	Number of HIV positive mothers who accepted a modern method of family planning after delivery / Total number of HIV positive deliveries x 100	%			
106.	n. Co-trimoxazole Prophylaxis (mother)	Outcome	Proportion of HIV positive mothers who received at least one home-based counselling visit after delivery	Number of HIV positive mothers who received at least one home-based counselling visit after delivery/ Total number of HIV positive deliveries x 100	%			

107.	o. Co-trimoxazole Prophylaxis (infant)	Outcome	Proportion of HIV positive mothers who accepted a modern method of family planning after delivery	Number of HIV positive mothers who accepted a modern method of family planning after delivery / Total number of HIV positive deliveries x 100	%			
108.	Infant HIV positivity rate	Impact	Proportion of infants born to HIV positive mothers who test positive for HIV after 18 months	Number of infants who test positive aged 18 months / Total number of HIV positive deliveries x 100	%			Requires cohort analysis performed by HIS database