

Health Management Information System (HMIS)

INDICATOR HANDBOOK 2080



Management Division

Department of Health Services

Ministry of Health and Population

Teku, Kathmandu

Foreword

I am delighted to announce the launch of the Health Management Information System (HMIS) Indicator Handbook 2080, a pivotal resource that underscores our commitment to enhancing healthcare delivery through informed decision-making and strategic planning. HMIS Indicator Handbook presents the opportunities to refine our approaches, foster innovation, and ultimately facilitate the generation of evidence of the services we provide to our communities. The Health Management Information System (HMIS) Indicator Handbook has been revised by the Integrated Health Information Management Section (IHIMS) of Management Division of the Department of Health Services in 2080. This handbook is a comprehensive compilation of health service indicators and informs calculation process based on HMIS recording and reporting tools revised in 2078. The indicators are computed in HMIS which helps in the monitoring and evaluation of the current state of health programs and the effective implementation of health interventions.

Finally, I would like to express gratitude to the Chiefs of the Integrated Health Information Management Section, Management Division, and all the contributors from various Divisions and Centers, as well as representatives from government and non-governmental organizations, for contributing to the various drafts and finalization of this handbook.

.....

Dr. Sangeeta Kaushal Mishra
Director General

Preface

The comprehensive use of health system information is being promoted through timely updates and improvements in the recording and reporting forms. In 2078, the Integrated Health Management Information Section (IHIMS) of Management Division undertook revisions to HMIS recording and reporting tools. Currently, the revised HMIS recording and reporting tools are utilized at all levels of health facilities, including hospitals, primary health care centers, health posts, basic health centers, community health units, urban health centers, female community health volunteers as well as by non-governmental entities.

The revision in HMIS tools also called for revisions and update to the HMIS Indicator Book. The HMIS indicator handbook serves as an updated repository of key relevant health indicators of all health services in Nepal. This handbook provides information to all government and non-government organizations about the indicators available in the HMIS system that will facilitate the use of HMIS data for planning, implementation, monitoring, and evaluation of programs and activities in the health sector.

The Health Management Information System (HMIS) Indicator Handbook is prepared as a comprehensive compilation of health indicators covering all programs with joint effort. We extend our acknowledgement and appreciation to the Ministry of Health and Population, as well as the Department of Health Services and its various Divisions and Center chiefs, provincial data managers, local level health section chiefs, and other representatives from government and non-governmental organizations, are acknowledged and appreciated for their valuable contributions in the preparation and updating of this handbook.

Finally, we express sincere thanks to the entire staff of the Integrated Health Information Management Section, other representatives of various government and non-government organizations for their efforts in the revision and update of the HMIS Indicator, which has been essential for integrated health information management.

.....

Dr. Sarbesh Sharma
Director
Management Division

Acknowledgement

I extend my sincere gratitude to all those who contributed to the development and completion of the Health Management Information System (HMIS) Indicator Handbook. This comprehensive resource is a testament to the collective effort and dedication of individuals who have played an instrumental role in shaping the landscape of healthcare information management within the health sector of Nepal.

The initiation of the Integrated Health Information Management Section (IHIMS) aligns with the need for accurate computation of health indicators that impact the planning, monitoring, evaluation, and the execution of programs in the health sector in Nepal. To document and maintain repository of definitions of health indicators with updated HMIS recording and reporting tools, this Revised HMIS Indicator Handbook 2080 has been prepared. This handbook aims for consistency in health data calculation methods across the country. It is envisioned to support individuals interested in keeping abreast of health statistics and assist in the planning, monitoring, and evaluation of health programs. This handbook will also serve as a guiding document for the automated computation of indicators in HMIS software. This handbook will be followed by the publication of Indicator Compendium Book, which will provide definitions of indicators, possible disaggregation of indicators, and limitations (if any).

This handbook has been prepared with the support of all governments and non-government agencies. I want to extend acknowledgment to the leadership of the Ministry of Health and Population and Department of Health Services for continuous guidance and colleagues of Divisions and Centers within the Department of Health Services; Provincial Health Authorities, Local levels, health facilities, and Health Development Partners for their valuable feedback and recommendations during the revision of HMIS recording and reporting tools and contributing in the development of this revised Indicator Handbook 2080.

Lastly, I would like to convey my heartfelt thanks to the entire team of the Integrated Health Information Management Section for their noteworthy contributions to the preparation of this handbook. I am confident that this resource will serve as a cornerstone in our ongoing mission to enhance healthcare data management and contribute to the overall improvement of health outcomes.

.....

Kapil Prasad Timalsena
Section Chief
Integrated Health Information Management System (IHIMS) Section

Contents

1. Background.....	2
2. Indicator Matrix	3
2.1 Maternal and Newborn Health.....	3
2.2 Family Planning	6
2.3 Reproductive Health Morbidity	7
2.4 Female Community Health Volunteers (FCHV).....	7
2.5 Primary Health Care Outreach Services.....	7
2.6 Immunization	8
2.7 Integrated Management of Newborn and Childhood Illnesses (IMNCI)	11
2.8 Nutrition.....	14
2.9 HIV/AIDS.....	17
2.10 Tuberculosis	18
2.11 Epidemiology and Disease Control	19
2.12 Curative Services.....	24
2.13 Population Program	25
2.14 Health Promotion and Education.....	29
2.15 Health Facilities.....	29

1. Background

Nepal's health sector needs accurate, comprehensive, and disaggregated data to gauge its performance, identify disparities between social groups, provinces and geographic areas, and plan future interventions. The Integrated Health Management Information System (IHMS), based within the Management Division, Department of Health Services (DoHS), has played an important role in providing health service data. Realizing the need to strengthen HMIS to meet current demands, the Integrated Health Information Management System Section of Management Division in Department of Health Services (DoHS), under the guidance of Ministry of Health and Population (MoHP), with support from health development partners revised the HMIS recording and reporting tools in 2078. This HMIS indicator book 2080 has been prepared to update and standardize indicators as per updated HMIS recording and reporting tools aligning with the national and international commitments.

After completion of HMIS revision, the IHMS section organized series of consultative workshops with Divisions and Centers leaders to collect, compile, and finalize indicators. The technical team tested the possibility of creating indicators in HMIS software and finalized indicators.

Overall, this indicator book has 359 indicators. New indicators have been added for programs such as Reproductive Health (RH) morbidity, Non-Communicable Disease (NCD) and Mental health, Geriatric, One Stop Crisis Management Center (OCMC), Social Service Unit (SSU), Nutrition Rehabilitation Home (NRH), rehabilitation, and special/newborn care unit services and in other programs, indicators are revised and added as per updated clinical and management protocols. The indicator book has 15 sections with a total of 359 indicators. Each indicator is defined with its numerator and denominator. The details of measurement have been explained in indicator compendium separately.

Program	Number of indicators
Maternal and Newborn Health	46
Family planning	4
RH morbidity	5
Female community health volunteers	3
Primary health care outreach services	4
Immunization	43
Integrated management of childhood illnesses	31
Nutrition	31
HIV/AIDS	14
Tuberculosis	11
Epidemiology and disease control (Malaria, Kalazar, Leprosy, NCD, mental, Injury)	75
Curative services	24
Population Program (OCMC/SSU/Geriatric)	46
Health promotion and education	2
Health facilities (service availability)	14
Total indicators	353

2. Indicator Matrix

2.1 Maternal and Newborn Health

Code	Indicator	Numerator	Denominator	Multiplier
A	ANTEPARTUM			
1.1	Percentage of pregnant women who had at least one ANC checkup	Number of pregnant women who had at least one ANC checkup	Estimated number of live births	100
1.2	Percentage of pregnant women who had eight ANC visit as per protocol	Number of pregnant women who had eight ANC checkups as per protocol	Estimated number of live births	100
1.3	Percentage of women who received 180 iron folic acid tablets during pregnancy	Number of women who received 180 iron folic acid tablets during pregnancy	Estimated number of live births	100
1.4	Percentage of pregnant women who received anthelmintics	Number of pregnant women who received anthelmintics	Estimated number of live births	100
1.5	Percentage of women who received 180 calcium tablets during pregnancy	Number of women who received 180 calcium tablets during pregnancy	Estimated number of live births	100
B	DELIVERY			
1.6	Percentage of institutional deliveries	Number of deliveries conducted in health facilities	Estimated number of live births	100
1.7	Percentage of institutional deliveries below 20 years age among total institutional deliveries	Number of institutional deliveries below 20 years age	Number of institutional deliveries	100
1.8	Percentage of births attended by a skilled birth attendant (SBA trained ANM)	Number of deliveries conducted by a skilled birth attendant (SBA)	Estimated number of live births	100
1.9	Percentage of births attended by a skilled health personnel (SHP)	Number of births attended by a skilled health personnel (SHP)	Estimated number of live births	100
1.10	Percentage of births attended by a health worker other than SBA and SHP	Number of deliveries conducted by a health worker other than SBA and SHP	Estimated number of live births	100
1.11	Percentage of normal vaginal deliveries among reported deliveries	Number of Spontaneous (vaginal) deliveries (health facility)	Number of reported Institutional Deliveries	100
1.12	Percentage of assisted (vacuum or forceps) deliveries among reported deliveries	Number of assisted deliveries	Number of reported Institutional Deliveries	100

Code	Indicator	Numerator	Denominator	Multiplier
1.13	Percentage of deliveries by caesarean section among reported deliveries	Number of deliveries by caesarean section	Number of reported Institutional Deliveries	100
1.14	Percentage of delivery by caesarean section	Number of caesarean section deliveries	Estimated number of live births	100
1.15	Percentage pregnant women who gave birth at home and used misoprostol	Number of home delivery who used misoprostol	Number of reported home births	100
C	POSTPARTUM			
1.16	Percentage of postpartum women who received a PNC checkup at 24 hours of delivery	Number of postpartum women who received a PNC check at 24 hours of delivery	Estimated number of live births	100
1.17	Percentage of women who had four postnatal check-ups as per protocol	Number of postpartum women who received four PNC checkups as per protocol (24 hours, on 3 rd day and 7 th to 14 th days, and 6 weeks day)	Estimated number of live births	100
1.18	Percentage of postpartum mother receiving two PNC home visit	Number of postpartum mothers receiving two PNC (3 rd day and 7 th to 14 th days) home visit for institutional delivery and home delivery	Number of reported delivery (Home and facility)	100
1.19	Percentage of postpartum women who received a 45-day supply of iron folic acid (IFA)	Number of postpartum mothers who received a 45-day supply of IFA	Number of reported deliveries	100
1.20	Percentage of postpartum women who received Vitamin A supplementation	Number of postpartum mothers who received Vitamin A supplementation	Number of reported deliveries	100
D	MATERNAL COMPLICATIONS			
1.21	Met need for emergency obstetric care [Percentage of women with a direct obstetric complication who were treated at a EONC (basic or comprehensive) site]	Number of women with a direct obstetric complication who were treated in a EONC (basic or comprehensive) site	Estimated number of women with a direct obstetric complication (15% of estimated number of live birth)	100
1.22	Number of women treated for haemorrhage	Number of women treated for haemorrhage		

Code	Indicator	Numerator	Denominator	Multiplier
1.23	Number of women treated for ectopic pregnancy	Number of women treated for ectopic pregnancy		
1.24	Number of women treated for prolonged/ obstructed labor	Number of women treated for prolonged/ obstructed labor		
1.25	Number of women treated for ruptured uterus	Number of women treated for ruptured uterus		
1.26	Number of women treated for pre-eclampsia	Number of women treated for pre-eclampsia		
1.27	Number of women treated for eclampsia	Number of women treated for eclampsia		
1.28	Number of women treated for retained placenta	Number of women treated for retained placenta		
1.29	Number of women treated for puerperal sepsis	Number of women treated for puerperal sepsis		
1.30	Number of women treated for abortion complications	Number of women treated for abortion complications		
1.31	Percentage of postpartum women referred out due to obstetric complications	Number of postpartum women referred out due to obstetric complications	Number of postpartum women with obstetric complication	100
1.32	Percentage of women with obstetric complication who received a blood transfusion for haemorrhage	Number of women with obstetric complication who received a blood transfusion for haemorrhage	Number of women requiring blood transfusion	100
1.33	Percentage of postpartum mothers with caesarean section wound infection	Number of postpartum women with caesarean section wound infection	Total Number of caesarean section deliveries	100
E	MATERNAL MORTALITY			
1.34	Number of reported maternal deaths at health facility	Number of maternal deaths in health facilities		
F	NEONATAL			
1.35	Percentage of newborns with low birth weight (<2.5 kg)	Number of newborns who were weighed less than 2.5 kg	Number of reported live births at health facilities	100
1.36	Percentage of preterm birth	Number of preterm births	Number of reported live births at health facilities	100

Code	Indicator	Numerator	Denominator	Multiplier
1.37	Percentage of neonates with birth asphyxia	Total number of neonates with birth asphyxia	Number of reported live births at health facilities	100
1.38	Percentage of neonates with congenital anomalies	Number of neonates with congenital anomalies	Number of reported live births at health facilities	100
1.39	Percentage of newborns who had chlorhexidine ointment applied immediately after birth	Number of newborns who had chlorhexidine ointment applied immediately after birth	Number of reported live births (facility and home)	100
1.40	Percentage of neonates who received a check-up at 24 hours of birth	Number of neonates who received a checkup at 24 hours of birth	Estimated number of live births	100
1.41	Percentage of neonates who received four check-ups as per PNC protocol	Number of neonates who received four checkups as per PNC protocol (at 24 hours, on 3 rd day and 7 th day and 6 weeks (42 days) day))	Estimated number of live births	100
1.42	Percentage of stillbirths	Number of stillbirths	Estimated number of live births	100
1.43	Percentage of neonatal mortality (health facility)	Number of neonatal deaths reported in health facility	Estimated number of live births	100
G	SAFE ABORTION			
1.44	Percentage of pregnancies terminated by induced procedure at health facility	Number of pregnancies terminated by induced procedure at health facility	Estimated number of pregnancies	100
1.45	Percentage of women who received contraceptives after abortion (surgical or medical)	Number of women who received contraceptives after abortion care at health facility	Number of women who received abortion care at health facility	100
1.46	Percentage of women with complications from induced abortion (surgical and medical)	Number of women with complications after receiving induced abortion care at health facility	Number of women of receiving induced abortion care at health facility	100

2.2 Family Planning

Code	Indicator	Numerator	Denominator	Multiplier
2.1	Contraceptive prevalence rate unadjusted (CPR) (modern methods) among women of reproductive age (WRA)	Number of WRA currently using modern contraceptive methods	Estimated number of WRA	100
2.2	Percentage of modern contraceptives new acceptors among WRA	Number of modern contraceptives new acceptors	Estimated number of WRA	100

2.3	Percentage of postpartum women using a modern contraceptive method	Number of postpartum women (who delivered within last one year) using a contraceptive method	Number of deliveries at the same period (Health facility and Home)	100
2.4	Percentage of modern short acting contraceptives new acceptors among WRA	Number of pills and depo new acceptors	Estimated number of WRA	100

2.3 Reproductive Health Morbidity

Code	Indicator	Numerator	Denominator	Multiplier
3.1	Percentage of women aged 30 years and above screened for cervical cancer	Number of women aged 30 years and above screened for cervical cancer	Estimated number of women of age 30 years and above	100
3.2	Percentage of women tested positive in cervical screening	Number of women screened positive in cervical cancer screening	Number of women aged 30 years and above screened for cervical cancer	100
3.3	Percentage of women screened for breast cancer	Number of women screened for breast cancer	Estimated number of women aged 20-70 years	100
3.4	Percentage of women screened with pelvic organ prolapse	Number of women with pelvic organ prolapse	Number of women screened for pelvic organ prolapse	100
3.5	Number of women with obstetric fistula (suspected)	Number of women suspected with obstetric fistula		

2.4 Female Community Health Volunteers (FCHV)

Code	Indicator	Numerator	Denominator	Multiplier
4.1	Number of Female Community Health Volunteers (FCHVs)	Number of Female Community Health Volunteers		
4.2	Percentage of mothers group meetings held	Number of mothers group meetings held	Number of FCHVs reported	100
4.3	Percentage of pregnant women visited by FCHVs	Number of pregnant women visited by FCHVs	Estimated number of pregnancies	100

2.5 Primary Health Care Outreach Services

Code	Indicator	Numerator	Denominator	Multiplier
5.1	Percentage of planned primary health care (PHC) outreach clinics conducted	Number of PHC outreach clinics conducted	Number of PHC outreach clinics planned	100
5.2	Average number of clients served per PHC outreach clinic	Number of clients served at PHC outreach clinics	Number of outreach clinics conducted	

Code	Indicator	Numerator	Denominator	Multiplier
5.3	Percentage of women who received an injectable contraceptive at PHC outreach clinic	Number of women who received an injectable contraceptive at PHC outreach clinic	Number of women who received an injectable contraceptive at PHC outreach clinic and health facilities	100
5.4	Percentage of women who received ANC check-up at PHC outreach clinic	Number of women who received ANC check-up at PHC outreach clinic	Number of women who received ANC check-up at PHC outreach clinic and health facilities	100

2.6 Immunization

Code	Indicator	Numerator	Denominator	Multiplier
A	CHILDREN			
6.1	Percentage of children under one year immunized with BCG	Number of children under one year immunized with BCG	Estimated number of children under one year	100
6.2	Percentage of <1-year children immunized with Rota vaccine 1	Number of <1-year children immunized with Rota vaccine 1	Estimated number of children under one year	100
6.3	Percentage of <1-year children immunized with Rota vaccine 2	Number of <1-year children immunized with Rota vaccine 2	Estimated number of children under one year	100
6.4	Percentage of children under one year immunized with OPV 1	Number of children under one year immunized with OPV 1	Estimated number of children under one year	100
6.5	Percentage of children under one year immunized with OPV 3	Number of children under one year immunized with OPV 3	Estimated number of children under one year	100
6.6	Percentage of children under one year immunized with fIPV 1	Number of children under one year immunized with fIPV 1	Estimated number of children under one year	100
6.7	Percentage of children under one year immunized with fIPV 2	Number of children under one year immunized with fIPV 2	Estimated number of children under one year	100
6.8	Percentage of children under one year immunized with PCV 1	Number of children under one year immunized with PCV 1	Estimated number of children under one year	100
6.9	Percentage of children under one year immunized with PCV 3	Number of children under one year immunized with PCV 3	Estimated number of children under one year	100
6.10	Percentage of children under one year immunized with DPT-HepB-Hib1	Number of children under one year immunized with DPT-HepB-Hib1	Estimated number of children under one year	100
6.11	Percentage of children under one year immunized with DPT-HepB-Hib3	Number of children under one year immunized with DPT-HepB-Hib3	Estimated number of children under one year	100
6.12	Percentage of children immunized against measles/rubella 1	Number of children under one year immunized with measles/rubella 1	Estimated number of children under one year	100

Code	Indicator	Numerator	Denominator	Multiplier
6.13	Percentage of children aged 12-23 months immunized with JE	Number of children aged 12-23 months immunized with JE	Estimated number of children aged 12-23 months	100
6.14	Percentage of children aged 12-23 months immunized against measles/rubella 2	Number of children 15-23 months immunized with measles/rubella 2	Estimated number of children aged 15-23 months	100
6.15	Percentage of children immunized with TCV	Number of children immunized with TCV	Estimated number of children aged 15-23 months	100
6.16	Percentage of children aged 12-23 months fully immunized as per NIP schedule vaccines	Number of children fully immunized as per NIP schedule	Estimated number of children aged 12-23 months	100
6.17	Percentage of girls 10-14 years immunized with HPV1	Number of girls 10-14 years immunized with HPV1	Estimated number of girls 10-14 years	100
6.18	Percentage of girls 10-14 years immunized with HPV2	Number of girls 10-14 years immunized with HPV2	Estimated number of girls 10-14 years	100
B	TETANUS DIPHTHERIA (TD)			
6.19a	Percentage of pregnant women who received td2	Number of pregnant women who received Td2	Estimated number of pregnancies	100
6.19b	Percentage of pregnant women who received complete dose of td	Number of pregnant women who received Td2 and Td2+	Estimated number of pregnancies	100
C	DROP-OUT RATE			
6.20	DPT-HepB-Hib drop-out rate. (%)	Number of children immunized with DPT-HepB-Hib1 <i>minus</i> number of children immunized with DPT-HepB-Hib3	Number of children immunized with DPT-HepB-Hib1	100
6.21	DPT-HepB-Hib 1 vs MR2 dropout rate	Number of children immunized with DPT-HepB-Hib1 <i>minus</i> number of children immunized with Measles/Rubella 2	Number of children immunized with DPT-HepB-Hib1	100
6.22	PCV dropout rate	Number of children immunized with PCV1 <i>minus</i> number of children immunized with PCV3	Number of children immunized with PCV1	100
6.23	Measles/rubella1 dropout rate	Number of children immunized with measles/rubella1 <i>minus</i> number of children immunized with measles/rubella 2	Number of children immunized with Measles/rubella1	100
6.24	HPV dropout rate (HPV1 vs HPV2)	Number of children immunized with HPV1 <i>minus</i> number of children immunized with HPV2	Number of children immunized with HPV1	100

Code	Indicator	Numerator	Denominator	Multiplier
D	WASTAGE RATE			
6.25a	Vaccine wastage rate of BCG	Total number of doses of BCG wasted	Number of doses of BCG expended	100
6.25b	Vaccine wastage rate of DPT-HepB-Hib	Total number of doses of DPT-HepB-Hib wasted	Number of doses of DPT-HepB-Hib expended	100
6.25c	Vaccine wastage rate of fIPV	Total number of doses of fIPV wasted	Number of doses of fIPV expended	100
6.25d	Vaccine wastage rate of JE	Total number of doses of JE wasted	Number of doses of JE expended	100
6.25e	Vaccine wastage rate of MR	Total number of doses of MR wasted	Number of doses of MR expended	100
6.25f	Vaccine wastage rate of OPV	Total number of doses of OPV wasted	Number of doses of OPV expended	100
6.25g	Vaccine wastage rate of Rota	Total number of doses of Rota wasted	Number of doses of Rota expended	100
6.25h	Vaccine wastage rate of TCV	Total number of doses of TCV wasted	Number of doses of TCV expended	100
6.25i	Vaccine wastage rate of TD	Total number of doses of TD wasted	Number of doses of TD expended	100
6.25j	Vaccine wastage rate of PCV	Total number of doses of PCV wasted	Number of doses of PCV expended	100
E	IMMUNIZATION CLINICS			
6.26	Percentage of planned immunization clinics conducted	Number of immunization clinics conducted	Number of immunization clinics planned	100
6.27	Percentage of planned immunization sessions conducted	Number of immunization sessions conducted	Number of immunization sessions planned	100
F	Hygiene Promotion			
6.28	Percentage of hygiene promotion session among conducted routine immunization session	Number of hygiene promotion session conducted	Number of immunization sessions conducted	100
6.29	Number of mothers/guardians participated in hygiene promotion session	Total number of reported mothers/guardians participated in hygiene promotion session		

Code	Indicator	Numerator	Denominator	Multiplier
G	ADVERSE EVENTS FOLLOWING IMMUNIZATION (AEFI)			
6.30	Percentage of serious AEFI among reported AEFI cases	Number of serious AEFI cases	Total reported AEFI cases	100
H	VACCINE PREVENTABLE DISEASES			
6.31	Neonatal tetanus rate per 1000 live births	Number of neonatal tetanus cases	Estimated number of live births	1,000
6.32	Acute encephalitis syndrome (AES) rate per 100,000 population	Number of acute encephalitis syndrome cases	Estimated total population	100,000
6.33	Measles like illness rate per 100,000 population	Number of measles cases	Estimated total population	100,000

2.7 Integrated Management of Newborn and Childhood Illnesses (IMNCI)

Code	Indicator	Numerator	Denominator	Multiplier
A	CHILDREN UNDER FIVE YEARS: DIARRHOEA			
7.1	Diarrhoea incidence rate among children under five years	Number of children under five years with a new case of diarrhoea	Estimated number of children under five years	1,000
7.2	Percentage of children under five years with diarrhea suffering from dehydration (facility, outreach and community)	Number of children under five years with diarrhea suffering from dehydration (facility and outreach)	Number of children under five years with diarrhoea (facility and outreach)	100
7.3	Percentage of children under five years with diarrhea treated with zinc and ORS (facility, and outreach)	Number of children under five years with diarrhea treated with ORS and zinc (facility and outreach)	Number of children under five years with diarrhoea (facility and outreach)	100
7.4	Percentage of children under five years with diarrhoea treated with IV fluid	Number of children under five years with diarrhoea treated with IV fluid	Number of children under five years with diarrhoea	100
7.5	Diarrhoea mortality rate among children under five years (per 1,000)	Number of deaths due to diarrhoea among children under five years (facility and community)	Estimated number of children under five years	1,000
7.6	Diarrhoea case fatality rate among children under five years (per 1,000)	Number of deaths due to diarrhoea among children under five years occurring at health facilities	Number of children under five years with diarrhoea treated at a health facility	1,000
B	CHILDREN UNDER FIVE YEARS: ARI			

Code	Indicator	Numerator	Denominator	Multiplier
7.7	ARI incidence rate among children under five years (per 1,000)	Number of children under five years with a new case of ARI	Estimated number of children under five years	1,000
7.8	Incidence of pneumonia among children under five years (per 1,000)	Number of new cases of pneumonia (pneumonia or severe pneumonia, or very severe pneumonia) among children under five years	Estimated number of children under five years	1,000
7.9	Percentage of children under five years with ARI suffering pneumonia	Number of children under five years with ARI suffering pneumonia	Number of children under five years with ARI	100
7.10	Percentage of children under five years with pneumonia, who received antibiotics*(amoxicillin)	Number of children under five years with pneumonia, who received antibiotics*(amoxicillin)	Number of children under five years with pneumonia	100
7.11	Percentage of children under five years with ARI managed at a health facility	Number of children under five years with ARI managed at a health facility	Number of children under five years with ARI (facility and outreach)	100
7.12	ARI mortality rate among children under five years (per 1,000)	Number of deaths due to ARI among children under five years	Estimated number of children under five years	1,000
7.13	ARI case fatality rate among children under five years (per 1,000)	Number of deaths due to ARI at a health facility among children under five years	Number of children under five years treated for ARI at a health facility	1,000
C	CHILDREN UNDER FIVE YEARS: VITAMIN A			
7.14	Percentage of children 2-59 months treated with Vitamin A	Number of children 2-59 months treated with Vitamin A	Number of children 2-59 months reported in IMNCI	100
D	CHILDREN UNDER FIVE YEARS: MULTIPLE CLASSIFICATION			
7.15	Percentage of children under five years enrolled in IMNCI programme	Number of children under five years enrolled in IMNCI programme	Estimated number of children under five years	100
7.16	Percentage of multiple illness classification cases reported in IMNCI	Number of multiple illness classification cases reported in IMNCI	Number of cases reported in IMNCI	100
7.17	Percentage of infants aged 0-2 months with possible severe bacterial infection (PSBI)	Number of infants aged 0-2 months with possible severe bacterial infection (PSBI)	Number of infants aged 0-2 months reported in IMNCI	100
7.18	Percentage of infants aged 0-2 months with PSBI receiving a first dose of Gentamycin	Number of infants aged 0-2 months with PSBI receiving a first dose of Gentamycin	Number of infants aged 0-2 months reported with PSBI	100

Code	Indicator	Numerator	Denominator	Multiplier
7.19	Percentage of infants aged 0-2 months with PSBI receiving a complete dose of Gentamycin	Number of infants aged 0-2 months with PSBI receiving a complete dose of Gentamycin	Number of infants aged 0-2 months reported with PSBI	100
7.20	Percentage of infants aged 8-59 days with pneumonia treated with amoxycillin	Number of infants aged 8-59 days with pneumonia treated with amoxycillin	Number of newborns aged 8-59 days with pneumonia	100
7.21	Percentage of infants aged 0-2 months with local bacterial infection (LBI)	Number of infants aged 0-2 months with local bacterial infection (LBI)	Number of infants aged 0-2 months reported in IMNCI	100
7.22	Percentage of infants aged 0-2 months with feeding problems	Number of infants aged 0-2 months who had feeding problems	Number of newborns (0-2 months) reported in IMNCI	100
E	INPATIENT NEWBORN SERVICES			
7.23	Number of sick babies admitted at SNCU/NICU/KMCU	Number of sick babies admitted at SNCU/NICU/KMCU		
7.24	Percentage of small and/or sick newborn managed with KMC at SNCU/NICU/KMCU	Number of small and/or sick newborn managed with KMC at SNCU/NICU/KMCU	Total number of small and/or sick newborn reported with LBW, Preterm, Hypothermia	100
7.25a	Percentage of sick newborn improved after treatment at SNCU/NICU/KMCU	Number of small and sick newborns at SNCU/NICU/KMCU- improved	Total number of small and sick newborns admitted at SNCU/NICU/KMCU	100
7.25b	Percentage of sick newborns referred from SNCU/NICU/KMCU	Number of small and sick newborns at SNCU/NICU/KMCU- referred	Total number of small and sick newborns admitted at SNCU/NICU/KMCU	100
7.25c	Percentage of sick newborns LAMA/absconded during treatment at SNCU/NICU/KMCU	Number of small and sick newborns at SNCU/NICU/KMCU- LAMA	Total number of small and sick newborns admitted at SNCU/NICU/KMCU	100
7.25d	Percentage of sick newborns died during treatment at SNCU/NICU/KMCU	Number of small and sick newborns at SNCU/NICU/KMCU-Death	Total number of small and sick newborns admitted at SNCU/NICU/KMCU	100
7.26	Number of newborns provided free newborn care services	Number of newborns provided free newborn care services		
7.27	Average length of stay in SNCU/NICU/KMCU	Total number of stay days in SNCU/NICU/KMCU	Total number of sick babies admitted at SNCU/NICU/KMCU	

Code	Indicator	Numerator	Denominator	Multiplier
7.28	Proportion of sick babies who had hypothermia among those admitted in SNCU/NICU/KMCU	Number of sick babies admitted in SNCU/NICU/KMCU who had hypothermia	Total number of sick babies admitted at SNCU/NICU/KMCU	100
7.29	Percentage of newborns with preterm low birth and/or hypothermia managed with KMC	Number of newborns with preterm low birth and/or hypothermia managed with KMC	Number of inpatient newborns recorded with preterm, low birth weight and/or hypothermia	100

2.8 Nutrition

Code	Indicator	Numerator	Denominator	Multiplier
A	GROWTH MONITORING			
8.1	Percentage of children aged 0-11 months new registered for growth monitoring	Number of children aged 0-11 months new registered for growth monitoring	Estimated number of children aged 0-11 months	100
8.2	Percentage of children aged 12-23 months new registered for growth monitoring	Number of children aged 12-23 months new registered for growth monitoring who were never registered for growth monitoring in aged 0-11 months	Estimated number of children aged 12-23 months	100
8.3	Average number of visits among children aged 0-23 months registered for growth monitoring	Total number of visits among children completed 23 months and registered for growth monitoring in 0-23 months	Number of children who completed 23 months and who were registered for growth monitoring in 0-23 months	
8.4	Percentage of children aged 0-23 months registered and visited for growth monitoring who were underweight	Number of children aged 0-23 months registered and visited for growth monitoring who were underweight	Number of children aged 0-23 months registered and visited for growth monitoring	100
B	INFANT AND YOUNG CHILD FEEDING			
8.5	Percentage of children below 6 months exclusively breastfed among registered for growth monitoring	Number of children below 6 months exclusively breastfed among registered for growth monitoring	Number of children under one year aged registered for growth monitoring	100
8.6	Percentage of children aged 6–8 months registered for growth monitoring who received solid, semisolid, or soft foods	Number of children aged 6-8 months registered for growth monitoring who received solid, semi-solid or soft foods	Estimated number of children aged 6-11 months	100
C	MICRO-NUTRIENTS AND ANTIHELMINTHICS			

Code	Indicator	Numerator	Denominator	Multiplier
8.7	Percentage of children aged 6-59 months, who received Vitamin A supplementation in last six months	Number of children aged 6-59 months who received Vitamin A supplementation in last six months	Estimated number of children aged 6-59 months	100
8.8	Percentage of children aged 12-59 months who received anthelmintic in last six months	Number of children aged 12-59 months who received anthelmintic in last six months	Estimated number of children aged 12-59 months	100
8.9	Percentage of children aged 6-23 months, who received at least one cycle (60 sachets) of Baal Vita (MNP)	Number of children aged 6-23 months, who received at least one cycle of Baal Vita (MNP)	Estimated number of children aged 6-23 months	100
8.10	Percentage of children aged 6-23 months, who received all 3 cycles of Baal Vita (MNP) in last 18 months	Number of children aged 6-23 months, who received all 3 cycles of Baal Vita (MNP) in the last 18 months	Estimated number of children aged 6-23 months	100
8.11	Percentage of adolescent girls aged 10-19 years who received IFA supplementation for 13 weeks	Number of adolescent girls aged 10-19 years who received IFA supplementation for 13 weeks	Estimated number of adolescent girls aged 10-19 years	100
8.12	Percentage of adolescent girls aged 10-19 years who received Iron and Folic Acid (IFA) for 26 weeks in the last 12 months	Number of adolescent girls aged 10-19 years who received iron folic acid (IFA) supplementation for 26 weeks in last 12 months	Estimated number of adolescent girls aged 10-19 years	100
D	INTEGRATED MANAGEMENT OF ACUTE MALNUTRITION (IMAM)			
8.13	Percentage of children aged 6-59 months screened for malnutrition by FCHV	Number of children aged 6-59 months screened for malnutrition by FCHV	Estimated number of children aged 6-59 months	100
8.14	Number of SAM cases (6-59 months) admitted at outpatient therapeutic centers (OTCs)	Number of SAM cases (6-59 months) admitted at outpatient therapeutic centers (OTCs)- new cases		
8.15	Percentage of SAM cases (6-59 months) recovered	Total number of SAM cases (6-59 months) recovered (cured)	Total Number of SAM cases (6-59 months) discharged from OTCs	100
8.16	Percentage of SAM cases (6-59 months) admitted at OTCs who died	Number of SAM cases (6-59 months) admitted at OTCs who died	Total Number of SAM cases (6-59 months) discharged from OTCs	100
8.17	Percentage of SAM cases (6-59 months) admitted at OTCs who defaulted	Number of SAM cases (6-59 months) admitted at OTCs who defaulted	Total Number of SAM cases (6-59 months) discharged from OTCs	100

Code	Indicator	Numerator	Denominator	Multiplier
8.18	Number of MAM cases (6-59 months) admitted at outpatient therapeutic centers (OTCs)	Number of MAM cases (6-59 months) admitted at outpatient therapeutic centers (OTCs)- new cases		
8.19	Percentage of MAM cases (6-59 months) Recovered	Number of MAM cases (6-59 months) recovered (cured)	Total Number of MAM cases (6-59 months) discharged from OTCs	100
8.20	Percentage of MAM cases (6-59 months) admitted at OTCs who died	Number of MAM cases (6-59 months) admitted at OTCs who died	Total Number of MAM cases (6-59 months) discharged from OTCs	100
8.21	Percentage of MAM cases (6-59 months) admitted at OTCs who defaulted	Number of MAM cases (6-59 months) admitted at OTCs who defaulted	Number of MAM cases (6-59 months) discharged from OTCs	100
E	Nutrition Rehabilitation Home			
8.22	Number of SAM cases (0-59 months) admitted at nutrition rehabilitation centre (NRCs)	Number of SAM cases (0-59 months) admitted at nutrition rehabilitation centre (NRCs)		
8.23	Percentage of cases admitted at NRCs with SAM who Recovered	Number cases admitted at NRCs with SAM who recovered	Number of SAM cases discharged from NRCs	100
8.24	Percentage of SAM cases admitted at NRCs who died	Number of cases admitted at NRCs with SAM who died	Number of SAM cases discharged from NRCs	100
8.25	Percentage of cases admitted at NRCs with SAM who LAMA	Number of cases admitted at NRCs with SAM who LAMA	Number of SAM cases discharged from NRCs	100
8.26	Number of MAM cases admitted NRCs	Number of MAM cases admitted at NRCs		
8.27	Percentage of cases admitted at NRCs with MAM who recovered	Number cases admitted at NRCs with MAM who recovered	Number of MAM cases discharged from NRCs	100
8.28	Percentage of MAM cases at NRCs who died	Number of cases admitted at NRCs with MAM who died	Number of MAM cases discharged from NRCs	100
8.29	Percentage of cases admitted at NRCs with MAM who LAMA	Number of cases admitted at NRCs with MAM who LAMA	Number of MAM cases discharged from NRCs	100
F.	School health and nutrition			
8.30	Number of students in grade 1-12 who received anthelminthic	Number of students in grade 1-12 who received anthelminthic		
G.	Inpatient therapeutic center (ITC)			
8.31	Percentage of SAM cases at ITC who died	Number of cases admitted at ITC with SAM complications who died	Number of SAM cases with complications discharged from ITC	100

2.9 HIV/AIDS

Code	Indicators	Numerator	Denominator	Multiplier
9.1	Number of people newly infected with HIV in the reporting period per 1000 uninfected population	Number of people newly infected with HIV in the reporting period	Estimated number of uninfected populations	1000
9.2	Percentage of Key Populations who received an HIV test and know their results	Number of key Populations who received an HIV test and know their results	Estimated number of key populations	100
9.3	Percentage of people who inject drugs (PWIDs) currently on opioid substitution therapy (OST)	Number of people who inject drugs (PWIDs) currently on opioid substitution therapy	Estimated number of PWIDs	100
9.4	Percentage of diagnosed Sexually Transmitted Infections (STIs) treated	Total number of people diagnosed with STIs (syndromic/aetiological) that are treated	Total number of people diagnosed with STIs	100
9.5	Percentage of pregnant women with known HIV status	Number of pregnant women attending ANC clinic and/or giving birth at facilities who were tested for HIV during pregnancy, at labor, and/or delivery, or those who already knew they were HIV positive at the first ANC.	Estimated number of pregnancies	100
9.6	Percentage of women screened for syphilis at an antenatal care (ANC) check-up	Number of women who were screened for syphilis at an ANC check-up	Estimated number of pregnancies	100
9.7	Percentage of women screened for syphilis at an ANC check-up and tested positive	Number of women who were screened for syphilis at an ANC check-up and tested positive	Number of women who were screened for syphilis at an ANC check-up	100
9.8	Percentage of women who tested positive for syphilis at an ANC check-up and were treated	Number of women who tested positive for syphilis at an ANC check-up and were treated	Number of women who tested positive for syphilis at an ANC check-up	100
9.9	Percentage of alive PLHIV among estimated PLHIV	Number of alive PLHIV	Estimated number of PLHIV	100
9.10	Percentage of PLHIV on ART among alive PLHIV	Number of PLHIV on ART	Number of alive PLHIV	100

9.11	Percentage of PLHIV on ART with viral load suppressed among PLHIV on ART	Number of PLHIV on ART with viral load suppressed	Number of PLHIV on ART	100
9.12	Percentage of people newly enrolled in HIV care who had their TB status assessed and recorded during their last visit	Number of people newly enrolled in HIV care who had their TB status assessed and recorded during their last visit	Number of people newly enrolled in HIV care	100
9.13	Percentage of newly enrolled PLHIV on ART who diagnosed with TB	Number of newly enrolled PLHIV on ART who diagnosed with TB	Total number of newly enrolled PLHIV on ART	100
9.14	Percentage of PLHIV enrolled on ART who diagnosed with Hepatitis-C	Number of PLHIV enrolled on ART who diagnosed with Hepatitis-C	Total number of enrolled PLHIV on ART	100

2.10 Tuberculosis

Code	Indicators	Numerator	Denominator	Multiplier
10.1	Case notification rate (All forms of TB, New and Relapse TB case)	Number of new and relapse bacteriologically confirmed, clinically diagnosed pulmonary and extra pulmonary TB cases registered in a defined period	Estimated population at mid-year in defined area	100,000
10.2	Case notification rate (all forms of TB cases)	Number of all forms of TB Cases (PBC PCD and EP) registered in a defined period (generally one year)	Estimated population at mid-year in defined area	100,000
10.3	TB Treatment Coverage	Total new and relapse TB Cases registered in treatment in the defined year	Estimated incidence TB Cases in the defined year	100
10.4	Loss to follow up rate (%)	Number of all type of TB cases who interrupted treatment for more than 2 consecutive months	Number of all type of TB cases registered during the same period	100
10.5	TB- Case fatality rate (%)	Number of all type of TB cases registered for treatment who died from any cause during treatment	Number of all type of TB cases registered during the same period	100
10.6	Treatment success rate	[(Number of PBC cases with smear negative in the last month of treatment and on at least one previous occasion) + (Number of all PBC, PCD and EP TB cases who	Number of all forms of TB cases (PBC, PCD and EP) bacteriologically confirmed and clinically diagnosed TB cases registered for treatment during the same period	100

Code	Indicators	Numerator	Denominator	Multiplier
		completed treatment but did not meet the criteria for cure or failure)]		
10.7	Slide Positivity rate	Total number of pulmonary TB cases bacteriologically confirmed in the lab in defined period of time	Total number of presumptive TB cases examined in the lab in the defined period of time	100
10.8	Percentage of TB Cases documented as HIV Status Known	Total number of TB Cases with HIV status known during the period of TB treatment	Total number of all forms of TB cases (PBC, PCD and EP) registered in the treatment during the defined period of time	100
10.9	Percentage of TB cases of all forms (PBC, PCD and EP) of TB cases with DST status known	Total number of TB Cases with DST Status known	Total number of TB cases registered in treatment in the defined period of time	100
10.10	Treatment Coverage of DR TB Cases	Total Number of DR TB Cases enrolled in treatment during the defined period of time	Total number of estimated DR TB Cases in the defined period of time	100
10.11	Treatment Success Rate of DR TB Cases	Total Number of DR TB Cases who has met the definition of both Cure and Complete	Total number of DR TB Cases enrolled in Treatment in the defined period of time	100

2.11 Epidemiology and Disease Control

Code	Indicators	Numerator	Denominator	Multiplier
A	MALARIA			
11.1	Annual blood examination rate (ABER) of malaria at risk population ^a	Number of blood slides examined	Estimated population at risk	100
11.2	Malaria test positivity rate	Number of positive cases	Number of samples tested	100
11.3	Annual parasite incidence (per 1,000 population at risk population) ^a	Number of positive cases	Estimated population at risk	1,000
11.4	Clinical malaria incidence (CMI) at risk population	Number of clinical malaria cases	Estimated population at risk	1000
11.5	Percentage of Plasmodium Falciparum (Pf+P mix) cases	Number of PF + P mix cases	Total number of positive cases	100
11.6	Percentage of imported cases of malaria	Total number of imported cases	Total number of positive cases	100

Code	Indicators	Numerator	Denominator	Multiplier
11.7	Percentage of confirmed severe malaria	Number of confirmed severe malaria cases	Total number of positive cases	100
B	KALA-AZAR			
11.8	Incidence of kala-azar per 10,000 population at risk	Number of new Kala-azar cases	Estimated population at risk	10,000
11.9	Kala-azar case fatality rate among at risk population	Number of deaths due to Kala-azar	Number of Kala-azar cases among at risk population	100
C	LYMPHATIC FILARIASIS			
11.10	Prevalence of lymphatic filariasis per 10,000 among total population	Number of cases of lymphatic filariasis	Estimated total population	10,000
D	ZOONOTIC DISEASES			
11.11	Number of cases of animal bites	Number of cases of animal bites		
11.12	Number of cases of snake bites	Number of cases of snake bites		
11.13	Percentage of deaths due to rabies	Number of deaths due to rabies	Total number of bites by animal and dog	100
11.14	Number of JE cases	Number of JE cases		
11.15	Percentage of deaths due to JE	Number of JE death	Number of JE cases	100
11.16	Incidence of Dengue cases per 10,000 population	Number of Dengue cases	Estimated total population	10,000
11.17	Incidence of scrub typhus cases per 10,000 population	Number of scrub typhus cases	Estimated total population	10,000
E	LEPROSY			
11.18	New case detection rate of leprosy	Number of new leprosy cases	Estimated total population	100,000
11.19	Prevalence of leprosy (PB+MB) per 10,000 population	Number of leprosy cases under treatment (PB and MB)	Estimated total population	10,000
11.20	Percentage of new leprosy cases presenting with a grade-2 disability	Number of new leprosy cases (PB and MB) presenting with a grade-2 disability due to leprosy	Number of new leprosy cases (PB and MB)	100
11.21	Rate of grade-2-disability among new cases detected	Number of new leprosy cases (PB and MB) presenting with a grade-2 disability due to leprosy	Estimated total population	100,000
11.22	Percentage of new leprosy cases that are MB	Number of new leprosy cases that are MB	Number of new leprosy cases (PB and MB)	100

Code	Indicators	Numerator	Denominator	Multiplier
11.23	Proportion of female cases among new cases detected (%)	Number of females among new cases detected	Number of new leprosy cases (PB and MB)	100
11.24	Percentage of leprosy cases who started treatment but loss to follow-up	Number of PB and MB cases who started treatment but loss to follow-up	Number of new leprosy cases (PB and MB)	100
11.25	Proportion of children (0-14 years) among new	Number of new cases of leprosy among 0-14 years children	Total number of new leprosy cases (PB and MB)	100
11.26	Treatment completion rate	Number of leprosy cases who has completed 12 strips of MDT within 18 months in case of MB and 6 strip of MDT within 9 months in case of PB	Number of MB cases registered before 18 months and PB cases registered before 9 months	100
11.27	Proportion of foreign leprosy cases	Number of new foreign cases	Total number of new leprosy cases	100
11.28	Proportion of contact examination among new	Total number of index case conducted contact examinations	Number of index case for contact examination	100
F	NCD			
11.29a	Total NCDs cases (old and new) on treatment	Total number of NCD cases (old and new) cases on treatment		
11.29b	Hypertension cases (old and new) on treatment	Total number of hypertension cases on treatment		
11.29c	Cardiovascular Disease (CVD) cases (old and new) on treatment	Total number of cardiovascular disease (CVD) cases on treatment		
11.29d	Diabetes cases (old and new) on treatment	Total number of Diabetes cases on treatment		
11.29e	Cancer cases (old and new) on treatment	Total number of cancer cases on treatment		
11.29f	COPD cases (old and new) on treatment	Total number of COPD cases on treatment		
11.29g	Asthma cases (old and new) on treatment	Total number of asthma cases on treatment		
11.29h	Chronic Kidney Disease (CKD) cases (old and new) on treatment	Total number of chronic kidney disease (CKD) cases on treatment		
11.29i	Rheumatic Heart Disease (RHD) cases (old and new) on treatment	Total number of Rheumatic Heart Disease (RHD) cases on treatment		
11.29j	Stroke cases (old and new) on treatment	Total number of Stroke cases on treatment		

Code	Indicators	Numerator	Denominator	Multiplier
11.29k	Heart attacks cases (old and new) on treatment	Total number of Heart Attack cases on treatment		
11.29l	Sickle cell diseases and other haeglobinopathies cases (old and new) on treatment	Total number of cases of Sickle cell diseases and other haemoglobinopathies on treatment		
11.30	Number of NCD cause-specific admissions (Total NCDs)	Total number of admissions due to NCDs		
11.31a	Number of deaths due to Cardiovascular disease	Total number of deaths due to cardiovascular disease		
11.31b	Number of deaths due to Cancer	Total number of deaths due to cancer		
11.31c	Number of deaths due to Diabetes	Total number of deaths due to diabetes		
11.31d	Number of deaths due to Chronic respiratory diseases	Total number of deaths due to chronic respiratory diseases		
11.31e	Number of deaths due to all NCDs	Total number of deaths due to all type of NCDs		
11.32a	Number of Cervical Cancer managed (new cases)	Total number of new cervical cancer cases managed		
11.32b	Number of Oral Cancer managed (new cases)	Total number of new oral cancer cases managed		
11.32c	Number of Breast Cancer managed (new cases)	Total number of new breast cancer cases managed		
11.32d	Number of Lungs Cancer managed (new cases)	Total number of new lungs cancer cases managed		
11.33	Percentage of control cases for hypertension and diabetes	Total number of cases with controlled hypertension and diabetes	Total number of follow up cases for hypertension and diabetes	100
G	MENTAL HEALTH			
11.34a	Number of cases diagnosed and treated for Depression.	Number of cases diagnosed and treated for depression		
11.34b	Number of cases diagnosed and treated for Suicide attempt	Number of cases diagnosed and treated for suicide attempt		
11.34c	Number of cases diagnosed and treated for Epilepsy	Number of cases diagnosed and treated for Epilepsy		

Code	Indicators	Numerator	Denominator	Multiplier
11.34d	Number of cases diagnosed and treated for Psychosis	Number of cases diagnosed and treated for Psychosis		
11.35a	Number of cases diagnosed and treated for Alcohol use disorder	Number of cases diagnosed and treated for alcohol use disorder		
11.35b	Number of cases diagnosed and treated for Substance use condition	Number of cases diagnosed and treated for substance use conditions		
11.36	Ratio of mental health case retention at health facility	Total number of follow up cases at facility	Total number of new cases for the facility each month	
11.37	Percentage of follow up cases reporting for mental health improvement at health facility	Total number of mental health cases on regular follow up reporting improvement	Total number of mental health cases on regular follow up	100
H	INJURY			
11.38a	Number of cases of RTI	Number of cases of RTI		
11.38b	Number of cases of Fall injury	Number of cases of Fall injury		
11.38c	Number of cases of burn injury	Number of cases of burn injury		
11.38d	Number of cases of drowning	Number of cases of drowning		
11.38e	Number of cases of injury due to bites	Number of cases of injury due to bites		
11.38f	Number of cases of injury due to assault/violence	Number of cases of injury due to assault/violence		
11.39a	Number of deaths due to Road Traffic Injuries	Number of deaths due to RTI		
11.39b	Number of deaths due to Fall injuries	Number of deaths due to Fall injury		
11.39c	Number of deaths due to Burn injury	Number of deaths due to burn injury		
11.39d	Number of deaths due to Drowning	Number of deaths due to drowning		
11.39e	Number of deaths due to Bites	Number of deaths due to bites		
11.39f	Number of deaths due to Assault	Number of deaths due to assault/violence		
I	REHABILITATION			
11.40	Number of patients utilizing Rehabilitation Services	Number of patients utilizing Rehabilitation Services		
11.41	Percentage of patients who were referred in and out of health facility (for rehabilitation)	Number of new patients who were referred in and out	Number of new patients	100

Code	Indicators	Numerator	Denominator	Multiplier
J	DISABILITY			
11.42	Number of people with disability utilizing rehabilitation services	Number of new people with disability utilizing rehabilitation services		
11.43	Percentage of people with disability utilizing rehabilitation services	Number of new people with disability utilizing rehabilitation services	Total new patients receiving rehabilitation services	100

2.12 Curative Services

Code	Indicators	Numerator	Denominator	Multiplier
A	OUTPATIENTS			
12.1	Number of outpatients	Number of new outpatients		
12.2	Outpatient sex ratio	Number of new male outpatients	Number of new female outpatients	100
12.3	Percentage of patients (outdoor, indoor, and emergency) who were referred in	Number of patients (outdoor, indoor, and emergency) who were referred in	Number of new patients served	100
B	INPATIENTS			
12.4	Percentage population utilising inpatient services at hospitals	Number of inpatient cases	Estimated total population	100
12.5	Inpatient sex ratio	Number of male inpatients	Number of female inpatients	
12.6	Percentage of inpatients who were referred out	Number of inpatients who were referred out	Number of inpatients	100
12.7	Average length of stay in hospital	Total length of stay of discharged patients in a given period	Number of discharges and deaths in the same period	
C	EMERGENCY SERVICES			
12.8	Percentage of population utilising emergency services in hospitals	Number of people utilizing emergency services in hospitals	Estimated total population	100
D	HOSPITAL BEDS			
12.9	Number of hospital beds per 5,000 population	Number of hospital beds	Estimated total population	5,000
12.10	Bed occupancy rate	Number of inpatient days in a period	Number of inpatient beds available in hospitals x 365 days	100
12.11	Throughput of inpatients	Number of inpatient admissions	Number of inpatient beds available	
12.12	Hospital bed turnover rate	Total Number of discharges including death for a period	Average Operational beds during the period	
12.13	Bed turnover interval	Available beds X 365 – patient service days	Number of discharges including deaths	

Code	Indicators	Numerator	Denominator	Multiplier
E	ROAD TRAFFIC INJURIES (RTI)			
12.14	Number of Road traffic injuries (RTI) in emergency service	Number of Road Traffic Injuries (RTI) cases in emergency service		
12.15	Percentage of death by caused of RTI	Number of deaths caused of RTI	Total number of RTI in Emergency services	100
F	SUICIDE			
12.16	Number of suicide cases (all types of suicide)	Total number of deaths due to suicide		
12.17	Suicide mortality rate	Number of suicide cases	Estimated total population	100000
G	TRACHOMA			
12.18	Number of active trachoma cases	Total number of active trachoma cases		
H	MORTALITY			
12.19	Hospital death rate	Number of deaths in the hospital	Number of inpatients	100
I	SURGERY			
12.20	Infection rate among surgical cases	Number of surgical cases with post-operative infection	Number of surgical cases	100
12.21	Surgery related death rate	Number of deaths among surgical cases	Number of surgical cases	100
J	DIAGNOSTIC SERVICES			
12.22	Average number of radiographic images per day	Number of radiographic images/x-rays	Number of days	
12.23	Average number of laboratory tests per day at hospitals	Number of laboratory tests	Number of days	

2.13 Population Program

Code	Indicator	Numerator	Denominator	Multiplier
A	ONE-STOP CRISIS MANAGEMENT CENTER (OCMC)			
13.1	Number of new registered cases in OCMC	Number of new registered cases in OCMC		
13.2	Number of follow-up cases registered in OCMC	Number of follow-up cases registered in OCMC		
13.3	Percentage of emotional violence among the total new registered cases	Number of new registered cases in OCMC with emotional violence	Total number of new registered cases in OCMC	100

Code	Indicator	Numerator	Denominator	Multiplier
13.4	Percentage of denial of resources/opportunities/services among the total new registered cases	Number of new registered cases in OCMC with denial of resources/opportunities/services	Total number of new registered cases in OCMC	100
13.5	Percentage of harmful traditional practices among the total new registered cases	Number of new registered cases in OCMC with harmful traditional practices	Total number of new registered cases in OCMC	100
13.6	Percentage of child/forced marriage related violence among the total new registered cases	Number of new registered cases in OCMC with child/forced marriage related violence	Total number of new registered cases in OCMC	100
13.7	Percentage of physical violence among the total new registered cases	Number of new registered cases in OCMC service with physical violence	Total number of new registered cases in OCMC	100
13.8	Percentage of sexual assault- among the total new registered cases	Number of new registered cases in OCMC service with sexual assault	Total number of new registered cases in OCMC	100
13.9	Percentage of rape among the total new registered cases	Number of new registered cases in OCMC with rape	Total number of new registered cases in OCMC	100
13.10a	Number of reported cases who received Physical examination service	Number of new registered cases in OCMC a who received physical examination service		
13.10b	Number of reported cases who received treatment of Injury	Number of new registered cases in OCMC a who received services for injury		
13.10c	Number of reported cases who received Safe abortions services	Number of new registered cases in OCMC who received safe abortion service		
13.10d	Number of reported cases who received treatment of mental illness	Number of new registered cases in OCMC who received treatment of mental illness		
13.10e	Number of reported cases who received psychosocial counseling	Number of new registered cases in OCMC who received psychosocial counseling service		
13.10f	Number of reported cases who received medico-legal service	Number of new registered cases in OCMC who received medicolegal service		
13.10g	Number of reported cases who received HIV testing and counseling (HTC) service	Number of new registered cases in OCMC who received HIV testing and counseling (HTC) service		
13.10h	Number of reported cases who performed Pregnancy test	Number of new registered cases in OCMC who performed pregnancy test		

Code	Indicator	Numerator	Denominator	Multiplier
13.10i	Number of reported cases who received Emergency contraceptives	Number of new registered cases in OCMC who received emergency contraceptive service		
13.10j	Number of reported cases who received STI treatment	Number of new registered cases in OCMC who received STI treatment		
13.11	Percentage of OCMC cases presented with disability among new OCMC cases	Number of OCMC cases with any one physical disability	Number of new registered cases in OCMC	100
13.12	Proportion of female cases among new OCMC cases	Number of female cases registered in OCMC	Number of new registered cases in OCMC	100
13.13	Percentage of perpetrators reported within relatives by new registered cases in OCMC	Number of perpetrators reported within relatives	Number of new registered cases in OCMC	100
B	Social Service Unit (SSU)			
13.14	Number of new registered cases in SSU	Number of new registered cases in SSU		
13.15	Number of follow-up cases registered in SSU	Number of follow-up cases in SSU		
13.16	Amount of total expenses (NRS) in SSU	Amount of total expenses (NRS)		
13.17	Amount of total cost exempted (NRS) in SSU	Amount of total cost exempted (NRS)		
13.18	Percentage of cost exempted among the total expenses in SSU	Amount of total cost exempted (NRS)	Amount of total expenses (NRS)	100
C	Geriatric			
13.19	Number of new registered cases in geriatric services	Number of new registered cases in geriatric services		
13.20	Number of follow-up cases registered in geriatric services	Number of follow-up cases registered in geriatric services		
13.21a	Number of new registered geriatric cases of Stroke	Number of new registered geriatric cases with stroke		
13.21b	Number of new registered geriatric cases of Chronic respiratory disease	Number of new registered geriatric cases with Chronic Respiratory Disease		
13.21c	Number of new registered geriatric cases of coronary artery disease	Number of new registered geriatric cases with coronary artery disease		

Code	Indicator	Numerator	Denominator	Multiplier
13.21d	Number of new registered geriatric cases of Hypertension	Number of new registered geriatric cases with Hypertension		
13.21e	Number of new registered geriatric cases of Diabetes Mellitus	Number of new registered geriatric cases with Diabetes Mellitus		
13.21f	Number of new registered geriatric cases of Cancers	Number of new registered geriatric cases with Cancer		
13.21g	Number of new registered geriatric cases of Parkinsonism	Number of new registered geriatric cases with Parkinsonism		
13.21h	Number of new registered geriatric cases of Dementia and Alzheimer's,	Number of new registered geriatric cases with Dementia and Alzheimer's		
13.21i	Number of new registered geriatric cases of Benign Prostatic Hypertrophy	Number of new registered geriatric cases with Benign Prostatic Hypertrophy (BPH)		
13.21j	Number of new registered geriatric cases of Depression	Number of new registered geriatric cases with Depression		
13.21k	Number of new registered geriatric cases of Osteoarthritis	Number of new registered geriatric cases with Osteoarthritis		
13.21l	Number of new registered geriatric cases of Osteoporosis	Number of new registered geriatric cases with Osteoporosis		
13.21m	Number of new registered geriatric cases of Sarcopenia	Number of new registered geriatric cases with Sarcopenia		
13.21n	Number of new registered geriatric cases of Pneumonia	Number of new registered geriatric cases with Pneumonia		
13.21o	Number of new registered geriatric cases of Urinary Tract infection	Number of new registered geriatric cases with Urinary Tract Infection		
13.22	Amount of total expenses for Geriatric Services	Amount of total expenses (NRS) for geriatric services		
13.23	Amount of total cost exempted for Geriatric Services	Amount of total cost exempted (NRS) for Geriatric Services		
13.24	Percentage of cost exempted among the total expenses for Geriatric Services	Amount of total cost exempted (NRS)	Amount of total cost expended (NRS)	100

2.14 Health Promotion and Education

Code	Indicator	Numerator	Denominator	Multiplier
14.1	Number of people attending health education sessions	Number of people attending health education sessions		
14.2	Number of health education sessions conducted	Number of health education sessions conducted		

2.15 Health Facilities

Code	Indicator	Numerator	Denominator	Multiplier
15.1	Number of CEONC sites	Number of hospitals providing CEONC Service		
15.2	Number of BEONC sites	Number of health facilities providing BEONC Service		
15.3	Number of birthing centers	Number of health facilities providing normal institutional delivery service		
15.4	Number of safe abortions sites	Number of health facilities providing safe abortion services		
15.5	Number of IUCD sites	Number of health facilities providing IUCD service		
15.6	Number of Implant sites	Number of health facilities providing Implant service		
15.7	Number of adolescent-friendly health facilities sites	Number of health facilities providing adolescent friendly health services		
15.8	Number of OTC sites	Number of health facilities providing OTC service		
15.9	Number of DOTS sites	Number of health facilities providing DOTS service		
15.10	Number of Microscopy sites	Number of health facilities providing microscopy service		
15.11	Number of labs	Number of health facilities providing laboratory service		
15.12	Number of HTC sites	Number of health facilities providing HTC service		

Code	Indicator	Numerator	Denominator	Multiplier
15.13	Number of PMTCT sites	Number of health facilities providing PMTCT service		
15.14	Number of ART sites	Number of health facilities providing ART service		