

## EmONC indicators metadata

	Indicator	Operational Definition	Numerator	Denominator
DOMAIN 1: Structure indicators – Equitably distributed, well-functioning EmONC facilities	<b>Availability</b>			
	1a. Progress toward long-term goal for EmONC availability	Proportion of EmONC facilities recommended for long-term goal that are performing all EmONC signal functions	No. facilities performing all EmONC signal functions	No. EmONC facilities recommended for long-term goal
	1b. Progress toward interim goal for scaling up EmONC availability	Proportion of EmONC facilities designated by the ministry of health that are performing all EmONC signal functions	No. facilities performing all EmONC signal functions	No. of designated EmONC facilities
	<b>Adequate conditions to provide good quality care (“readiness”)</b>			
	2. Basic infrastructure	Proportion of facilities that have basic infrastructure (i.e., water and electricity)	No. facilities w/ basic infrastructure	Total no. facilities assessed <sup>1</sup>
	3. Equipment, drugs & supplies	Proportion of facilities that have all tracer commodities needed to perform EmONC	No. facilities w/ all tracer commodities	Total no. facilities assessed
	4. Health workforce adequate for caseload	Proportion of facilities that have adequate staffing per shift for caseload	No. facilities meeting caseload-specific staffing recommendations per shift	Total no. facilities assessed
	5. Emergency referral readiness	Proportion of facilities that meet an essential level of emergency referral readiness	No. facilities meeting the criteria for essential emergency referral readiness	Total no. facilities assessed
	<b>Accessibility</b>			
	6. Home to Comprehensive EmONC within 1hr	Proportion of the population able to access at least a Comprehensive EmONC facility within 1hr travel time	No. people in a specified area able to access at least a Comprehensive EmONC facility within 1hr travel time	Total population in specified area

<sup>1</sup> The “total number of facilities assessed” will either be: (a) in full assessments (baseline and re-assessments every 3-5 years), the total number of facilities with at least 20-50 deliveries per month; or (b) for routine monitoring (quarterly, semi-annually and annually), the number of facilities that are designated to receive targeted EmONC support (the same as the denominator for indicator 1b).

	Indicator	Operational Definition	Numerator	Denominator
DOMAIN 2: Process indicators – People's interaction with the system	<b>Place of delivery</b>			
	7. Institutional delivery rate	Proportion of expected live births that take place in health facilities	No. women who give birth in facilities	Expected live births
	<b>Met need</b>			
	8. Met need for emergency obstetric care	Proportion of women with direct obstetric complications who are definitively treated in facilities	No. women w/ direct obstetric complications recorded in facility registers and who were not referred out	Expected no. of women w/ direct obstetric complications (15% of expected live births)
	<b>Clinical appropriateness of care</b>			
	9. Cesarean section as a proportion of all expected births	Proportion of expected live births that were delivered via cesarean section	No. women who had cesarean sections in facilities	Expected live births
	<b>Experience of care</b>			
	10. Person-centered maternity care	Proportion of facilities that provide optimal person-centered maternity care	No. facilities w/ an average PCMC score of 90 or higher	Total no. facilities assessed
11. Togetherness - 24/7 family access to inpatient newborn care unit	Proportion of facilities with 24/7 family access to inpatient newborn care unit for the duration of their stay	No. facilities where mothers, fathers and designated support persons have 24/7 access to the unit where infants are inpatient for the duration of their stay	Total no. facilities assessed with separate inpatient newborn care units	
12. Health workforce wellbeing	Proportion of facilities with high levels of health workforce burnout	No. facilities w/ EmONC-related health workforce reporting high burnout	Total no. facilities assessed	
DOMAIN 3: Outcome indicators – Effectiveness of care	<b>Impact on maternal mortality in health facilities</b>			
	13. Institutional maternal mortality ratio	Number of maternal deaths in health facilities, expressed per 100,000 live births in health facilities	No. maternal deaths in facilities	No. live births in facilities assessed
	14. Direct obstetric case fatality rate	Proportion of women with direct obstetric complications in facilities who die before discharge	No. maternal deaths in facilities due to direct obstetric complications	Total no. women w/ direct obstetric complications recorded in assessed facilities' records and who were not referred out
	<b>Impact on stillbirths and newborn mortality in health facilities</b>			
	15. Intrapartum stillbirth and very early neonatal death rate	Proportion of births in health facilities that are intrapartum stillbirths or livebirths followed by very early neonatal death	No. in-facility intrapartum stillbirths + number of very early neonatal deaths (within the first 24 hours of birth)	Total no. live births + in-facility intrapartum stillbirths in facilities assessed
	16. Neonatal inpatient mortality rate	Proportion of small and sick newborns admitted to the inpatient newborn care unit (SNCU/NICU) who die in the unit before discharge	No. small and sick newborns admitted to the inpatient newborn care unit who die before discharge	Total no. small and sick newborns admitted to inpatient newborn care unit who were not referred out