

Standards of Care (SOC) for Programs on Prevention of Mother-to-Child Transmission (PMTCT) of HIV

STANDARD	MEASUREMENT OF STANDARD		DATA	ASSESSMENT		
	Definition	Numerator	Data Elements Needed	Result of Quarterly Measurement		
		Denominator	Data Source	Action		
1 All pregnant women should be screened for HIV and/or offered HIV testing and counseling during ANC	Proportion of women screened or tested and given results at ANC	# of pregnant women who are screened or tested for HIV and given results in ANC	<ul style="list-style-type: none"> Date of 1st ANC visit Date of HIV testing Date HIV test results given 	< 90%	90 to 94%	≥ 95%
		# of women attending 1st ANC	PMTCT register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
2 All pregnant women should be screened for HIV and/or offered HIV testing and counseling during labor and delivery (L&D)	Proportion of women screened or tested and given results at L&D	# of pregnant women who are screened or tested for HIV and given results at L&D	<ul style="list-style-type: none"> Date of L&D visits Date of HIV testing Date HIV test results given 	< 90%	90 to 94%	≥ 95%
		# of women attending L&D	L&D/ PMTCT register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
3 All HIV+ pregnant women should have CD4 count results available within 1 month before expected delivery date	Proportion of HIV+ pregnant women with CD4 results available at the ANC/ PMTCT site	# of HIV+ women with CD4 results available at ANC/ PMTCT site	<ul style="list-style-type: none"> Date of HIV-positive result Date CD4 results are on site 	< 80%	80 to 94%	≥ 95%
		# of HIV+ women registered at ANC/PMTCT site	PMTCT register & CD4 log book	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
4 All HIV+ pregnant women should receive ARV according to national guidelines	Proportion of HIV+ pregnant women who received ARV drugs (prophylaxis or lifelong ART) according to national guidelines	# of HIV+ pregnant women who received ARV drugs (prophylaxis of lifelong ART) according to national guidelines	<ul style="list-style-type: none"> HIV test results Type of ARV regimen dispensed 	< 80%	80 to 94%	≥ 95%
		# of HIV+ women registered at ANC/PMTCT site	PMTCT register & CD4 log book	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
5 All HIV+ pregnant women with CD4 ≤ 350 cells/mm ³ should initiate HAART during pregnancy	Proportion of HIV+ pregnant women with CD4 ≤ 350 initiating HAART during pregnancy	# of HIV+ pregnant women initiating HAART	<ul style="list-style-type: none"> Pregnant women with CD4 test Test results of CD4 ≤ 350 HAART number ARV regimen 	< 80%	80 to 94%	≥ 95%
		# of HIV+ pregnant women with CD4 ≤ 350	PMTCT register, ART clinic register, lab CD4 logbook	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
6 All HIV+ pregnant women with CD4 ≤ 350 cells/mm ³ should initiate Cotrimoxazole Preventive Therapy (CPT) according to national guidelines	Proportion of HIV+ pregnant women with CD4 ≤ 350 initiating CPT	# of HIV+ pregnant women with CD4 ≤ 350 initiating CTX prophylaxis	<ul style="list-style-type: none"> Pregnant women with CD4 test Test results of CD4 ≤ 350 CPT number 	< 80%	80 to 94%	≥ 95%
		# of HIV+ pregnant women with CD4 ≤ 350	PMTCT register, ART clinic register, lab CD4 logbook	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?

STANDARD	MEASUREMENT OF STANDARD		DATA	ASSESSMENT		
	Definition	Numerator	Data Elements Needed	Result of Quarterly Measurement		
		Denominator	Data Source	Action		
7 All newborns to HIV+ mothers should receive ARV according to the national guidelines	Proportion of HIV-exposed newborns who received ARV prophylaxis according to national guidelines	# of newborns to HIV+ mothers that initiated ARV according to the national guidelines	<ul style="list-style-type: none"> HIV+ women that delivered Newborns to HIV+ mothers New borns with ARVs" 	< 80%	80 to 94%	≥ 95%
		# of newborns to HIV+ mothers registered at ANC/L&D/PMTCT site	PMTCT register, L&D register and ART register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
8 All infants born to HIV+ mothers should initiate CPT after 6-weeks postnatal according to national guidelines	Proportion of HIV-exposed infants 6-weeks or older who are receiving CPT	# HIV-exposed infants 6-weeks or older who are receiving CPT	<ul style="list-style-type: none"> HIV+ women that delivered Newborns to HIV+ mothers New borns with CPT 	< 80%	80 to 94%	≥ 95%
		# of infants, 6-weeks or older, born to HIV+ mothers registered at ANC/L&D/PMTCT site	PMTCT register, L&D register and ART/care register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
9 All infants/ children born to HIV+ mothers should access HIV early infant diagnosis (EID) as early as 6-weeks postnatal according to national guidelines	Proportion of HIV-exposed infants 6-weeks or older who had blood collected for EID	# HIV-exposed infants 6-weeks or older whose blood was collected for EID	<ul style="list-style-type: none"> HIV+ women that delivered Newborns to HIV+ mothers New borns with DBS collected 	< 80%	80 to 94%	≥ 95%
		# of infants, 6-weeks or older, born to HIV+ mothers registered at ANC/L&D/PMTCT site	PMTCT register, DBS register, L&D register and ART/care register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
10 All HIV-exposed infants/ children whose DBS was collected for PCR should receive results within 4 to 8 weeks	Proportion of HIV-exposed infants/children whose DBS was collected for EID that received the PCR results	# HIV-exposed infants/children whose DBS was collected for EID that received the PCR results	<ul style="list-style-type: none"> HIV+ women that delivered Newborns to HIV+ mothers New borns with DBS collected PCR results 	< 80%	80 to 94%	≥ 95%
		# HIV-exposed infants/ children whose DBS was collected for EID	PMTCT register, DBS register, L&D register and ART/care register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
11 When breastfeeding is the feeding option, all mothers or infants should receive ARVs during the breastfeeding period or according to national guidelines	Proportion of HIV+ breastfeeding women (or HEI infants) receiving PMTCT prophylaxis during breastfeeding	# of HIV+ breastfeeding women or their HEI who receive ARV prophylaxis during breastfeeding	<ul style="list-style-type: none"> Documented BF Infant age Maternal/infant post partum ARV prophylaxis 	< 80%	80 to 94%	≥ 95%
		# of HIV+ breastfeeding women	PMTCT register, L&D register and HEI follow-up register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?
12 All HIV+ postpartum women with unmet need for family planning should be offered a contraceptive method	Proportion of HIV+ postpartum women willing to delay pregnancy that are using family planning methods	# HIV infected postpartum women willing to delay pregnancy that received a family planning method	<ul style="list-style-type: none"> PMTCT data Postpartum visits FP screening questionnaire Family planning method 	< 80%	80 to 94%	≥ 95%
		# HIV+ postpartum women willing to delay pregnancy	PMTCT register, L&D register, postpartum register, and ART register	Investigate why	Confirm trend at next period	On target! Any lesson to learn from?

CONSIDERATIONS

These standards are an attempt to translate the goals of MTCT elimination into operational targets

They are generic and will need country adaptation and fine-tuning

They do not necessarily capture every single step of the PMTCT cascade; the 12 proposed standards are supposed to gauge the level of performance of PMTCT

Standards proposed do not necessarily gauge the coverage of PMTCT at the population level; clients not accessing PMTCT are not part of the proposed denominators

These standards can be assessed monthly or quarterly as it fits specific context; investigating the reason for low performance or outlining lessons might take several weeks

Some standards like EID or FP might be challenging to measure and might require special investigations