**HIV counseling and testing**

**Q1. What is the HIV positivity rate?**

|  |  |
| --- | --- |
| ***Formula*** | **Number tested positive for HIV / Number tested for HIV** |
| *Numerators* | **DHIS** |
| HIV test positive client 15-49 years |
| Antenatal client HIV 1st test positive |
| Infant 1st PCR test positive around 6 weeks |
| Infant rapid HIV test positive around 18 months |
| *Denominators* | HIV test client 15-49 years |
| Antenatal client HIV 1st test |
| Infant 1st PCR test around 6 weeks |
| Infant rapid HIV test around 18 months |
| *Interpretation* | *XX% tested for HIV and tested positive in District A* |

**Q2. What is the HCT coverage?**

|  |  |  |
| --- | --- | --- |
| ***Formula*** | **Number tested for HIV / population** | |
| *Numerators* | **DHIS** | **Catchment or Census** |
| HIV test client 15-49 years |  |
| Antenatal client HIV 1st test |
| *Denominators* | Antenatal 1st visit total | Population |
| *Interpretation* | *XX% tested for HIV in District A* | |

**Q3. What is the condom distribution coverage?**

|  |  |  |
| --- | --- | --- |
| ***Formula*** | **Number of condoms distributed / population \* 1,000** | |
| *Numerators* | **DHIS** | **Catchment or census** |
| Female condoms distributed |  |
| Male condoms distributed |
| *Denominators* |  | Population |
| *Interpretation* | *XX condoms were distributed per 1,000 people in District A* | |

**Q4. What percent of HIV positive patients have TB co-infection?**

|  |  |
| --- | --- |
| ***Formula*** | **Number PLHIV diagnosed with TB / Number tested positive for HIV** |
| *Numerators* | **DHIS** |
| TB/HIV co-infected client - total |
| *Denominators* | HIV test positive client 15-49 years |
| *Interpretation* | *XX% of people tested positive for HIV with a confirmed TB test in District A* |

**Q5. What is the HIV-positivity rate among infants born to HIV-positive women?**

|  |  |
| --- | --- |
| ***Formula*** | **Number of infants tested positive / Number of live births to HIV positive women** |
| *Numerators* | **DHIS** |
| Infant rapid HIV test positive around 18 months |
| Infant 1st PCR test positive around 6 weeks |
| *Denominator* | Live births to HIV positive women |
| *Interpretation* | *XX% of infants born to HIV positive women tested HIV positive in District A* |

**Q7. What percentage of ANC testers were new clients?**

|  |  |
| --- | --- |
| ***Formula*** | **Number of 1st HIV test/ Number tested for HIV** |
| *Numerator* | **DHIS** |
| Antenatal client HIV 1st test |
| *Denominator* | Antenatal client eligible for HIV 1st test |
| *Interpretation* | *XX% of antenatal clients were tested for the first time in District A* |

**Q8. How many males were circumcised in VMMC?**

|  |  |  |
| --- | --- | --- |
| ***Formula*** | **Number of males circumcised / population \* 10,000** | |
| *Numerators* | **DHIS** | **Census or catchment** |
| Medical male circumcision performed |  |
| *Denominators* |  | Population |
| *Interpretation* | *XXX men were circumcised per 10,000 men in the population in District A* | |

**HIV linkage to care**

**Q10. What percentage of patients enrolled in ART were late diagnoses** *(CD4 counts <200 cell/mm3 at diagnosis)*

|  |  |
| --- | --- |
| ***Indicator*** | **N***umber of newly diagnosed individuals with CD4 counts under 200 cell/mm3/number with CD4 test done at start of ART* |
| *Numerators* | **Tier.net** |
| CD4 TLC below 15pc or 100 cls/µl at start of ART (Child under 15 years; Adult) |
| CD4 TLC 15-19pc or 100-199 cls/µl at start of ART (Child under 15 years; Adult) |
| *Denominators* | CD4 done at start of ART (Child under 15 years; Adult) |
| *Interpretation* | *XX% of those with a CD4 test in District A were a late diagnosis (CD4 counts <200 cell/mm3 at diagnosis)* |

**Q11. What percentage of ART eligible pediatric and adult patients are initiated on ART?**

|  |  |  |
| --- | --- | --- |
| ***Formula*** | **N***umber on ART/number eligible for ART* | |
| *Numerators* | **DHIS** | **Tier.net** |
|  | naïve started ART (Adult Male, adult female, <1, 1-5, 5-14) |
| *Denominator* | Antenatal client eligible for ART initiation |  |
| *Interpretation* | *XX% of ART eligible patients (HIV positive patients) in District A were initiated on ART* | |