

The complete RHIS curriculum is available here:

[https://www.measureevaluation.org/our-work/](https://www.measureevaluation.org/our-work/routine-health-information-systems/rhis-curriculum)

[routine-health-information-systems/rhis-curriculum](https://www.measureevaluation.org/our-work/routine-health-information-systems/rhis-curriculum)

**5.2.2**

Data Sets

Exercise on Practicing Data Analysis, Step 1 (Part 2)

Instructions for Participants

* Review Handout 5.2.3: the “Global Reference List of Core Health Indicators” of the World Health Organization (WHO). This 136-page resource can also be viewed online at [http://www.who.int/healthinfo/indicators/2015/en/](http://extremepresentation.typepad.com/blog/2006/09/choosing_a_good.html).
* Select five indicators from WHO’s complete list, or from the examples extracted below.
* For each indicator:
  + Specify the numerator.
  + Specify the denominator.
  + What is the data source for the numerator?
  + What is the data source for the denominator?
  + How can the indicator be interpreted?

Standard Indicators for Regular Analysis and Presentation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Domain | Group | Sub-group | | Indicator (s) |
| **Health status**  **(Module 2)** | Inpatient | Mortality | | Incidence of inpatient death and case fatality rates for top causes |
| Institutional deaths as a proportion of total estimated deaths |
| Morbidity | | Incidence of the top diagnoses |
| Outpatient | Morbidity | | Incidence of the top diagnoses |
| Surveillance | Priority diseases | | TB notification rate |
| New cases of notifiable diseases |
| **Health service coverage**  **(Module 3)** | Reproductive maternal and neonatal preventive health services | Antenatal care (ANC) | | ANC 1 & ANC 4 |
|  | Mean ANC visits per client | |
| ANC1 in early pregnancy | |
| 1st and 2nd dose of intermittent presumptive treatment for malaria during pregnancy (IPT 1 & IPT2) | |
| 2nd dose of tetanus toxoid vaccine (TT2) | |
| Delivery care | Skilled birth attendance | |
| Institutional deliveries | |
|  | | Caesarian section (CS) rate |
| Neonatal care | | Post-natal care within 2 days of birth |
| Family planning | | Couple years of protection (CYP) |
| Child preventive health services | Immunization | | DTP1 & DTP3[[1]](#footnote-1);  Polio1 & Polio3;  1st dose of measles-containing vaccine (MCV1) |
| DTP1 – DTP3 dropout rate |
| Micro-nutrients | | Vitamin A supplementation |
| Services for control of priority health problems | HIV/AIDS | | Pregnant women receiving HIV counseling and testing |
| PMTCT coverage |
| ART coverage |
| ART retention rate |
| Tuberculosis | | TB case detection rate |
| TB treatment success |
| Malaria | | Malaria confirmation rate |
| Cancer | | Cervical cancer screening |
| Disease surveillance | | AFP rate |
| Measles confirmation rate |
| Completeness & timeliness of weekly surveillance reporting |
| **Health system inputs and outputs (Module 3)** | Inputs | Health infrastructure | | Health facilities per 10,000 population, by type of facility |
| Human resources | | Health professionals per 1,000 population, by type of worker |
| Supplies | | Stockouts of tracer drugs |
| Outputs | Outpatients | | Outpatient department (OPD) visits per capita |
| Inpatients | | Admissions per 100 population |



1. Coverage with the pentavalent (diphtheria-tetanus-pertussis-hepatitis B–haemophilis influenza) vaccine is still often labeled “DTP coverage.” [↑](#footnote-ref-1)