

Adapting an Indicator

WHO HIV DAK → Ethiopia · authored in **Annex C** (indicators & performance metrics)

INDICATOR

The adaptation loop

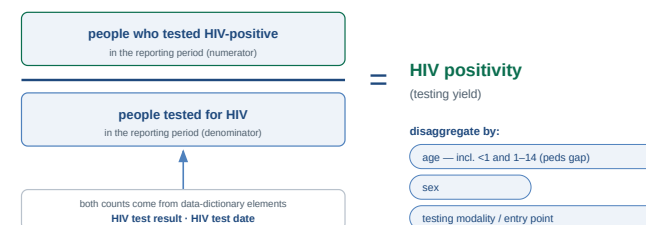


↻ repeat for each table or indicator — every finished artifact feeds L3 (PlanDefinition + CQL · Measure + CQL)

THE 6 STEPS

- 1 Locate & check computable.** In Annex A, filter by *Linkages to aggregate indicators*. Numerator and denominator must come from **routine data elements** — if it needs a survey or external source, **STOP** (not a DAK indicator).
- 2 Read the WHO logic.** The numerator and denominator definitions, and which data elements they use.
- 3 Find national divergences.** Disaggregations and the exact national definitions of the counts. **[confirm: ETH]**
- 4 Author.** Fill the Annex C template fields (format →).
- 5 Check.** Numerator & denominator come only from Annex A elements; **reconcile** against a known total (e.g. last quarter).
- 6 Record provenance.** Divergence from the WHO definition + national reference; track the version.

WORKED SHAPE — HIV TESTING POSITIVITY



FORMAT (ANNEX C)

- short name · definition · category · what it measures · rationale
- **numerator** definition + calculation
- **denominator** definition + calculation
- disaggregation · reference (+ DAK ID, SI ref)

DON'T BREAK IT

- **Not computable from routine DAK data** (survey / supply / multi-source) — measured elsewhere, not authored as DAK logic: condoms distributed, needles/syringes, condom use, KP know-status, KP on ART

DONE?

- Computable from routine data
- Num & denom are Annex A elements
- Disaggregation matches national reporting
- Reconciled to a known total
- Provenance recorded; ground-truthed

- Pattern: COUNT of clients where [element]=value AND [date] in period

- Every element must already exist in Annex A
- Changed a DD element? Update every linked indicator (Annex A *Linkage* columns)
- Mind operator **precedence**; keep population names consistent

Then it becomes L3: **FHIR Measure + CQL**

Method: WHO SMART Guidelines IG Starter Kit v2.0.0 · WHO HIV DAK 2nd ed. · HIV IG v1.0.0. Ethiopia specifics → confirm against national guidelines.