**NSCA 2.0 Stakeholder Training**

**Day4: Sampling & Site Selection Demonstration**

**Guidance**

**Focus of Demonstration:** To demonstrate how sampling decisions are translated into adjustments within the NSCA Sampling Template

**Supplies Needed:** Laptops with Excel per pair/group

**Support Materials:** Day 4- Session 1-Sampling Exercise Facility List.xlsx – Excel file

**Estimated Time:** 60 minutes

**Exercise Notes:**

As a whole group, we will conduct a mock-sampling exercise using the facility list provided. We will open with questions and discussion around the sampling frame, different facility types, and important considerations.

Afterwards, the group will follow along as Arthur conducts the sampling exercise on the projector, taking in feedback and suggestions from the group.

Opening Discussion:

* In pairs of two, open the facility list on your computer.
* Create a pivot table (or use the existing pivot table) using the four columns of data
  + What do you notice?
    - Number of facility types?
    - Size of each distinct population segment?
* The sampling strategy for the NSCA uses the lowest administrative level as the first sampling unit. What is it in this example?
  + Which facility types are below this level?
  + What about above this level?
  + And what is at this level?
* Why does it matter at what level in the health system hierarchy is each facility type positioned?
* How should we sample each facility type selected?
  + What are the implications of this decision?
* What confidence level and confidence interval should we use?
* Let’s get started with the template. Feel free to open the “Instructions for the Sampling Template” MS Word document that can be found in the toolkit.