



Tips and Tools for Learning Improvement

Answer Key | Measurement for Improvement

Exercise 1: Understanding measures

True or False

1. An outcome indicator measures how a system is performing with respect to the health or social status of a defined population or individual.

A. True

B. False

2. A process indicator measures the long-term results of what we are trying to improve.

A. True

B. False

Exercise 2: Defining a measure

Indicator	Numerator	Denominator
% of pregnant women tested for HIV during ANC visits daily	<i>Number of pregnant women tested for HIV during ANC visits for a given day</i>	<i>Number of pregnant women who came in for ANC visits for a given day</i>
% of circumcised males experiencing at least one moderate or severe adverse event during or in three days following surgery per week	<i>Number of males circumcised in the health care facility who experience at least one moderate or severe adverse event in three days following surgery (based on week of surgery, not date of adverse event)</i>	<i>Number of males circumcised in the health care facility each week</i>
% of vulnerable children as defined by PEPFAR in village 1 sleeping under bed nets the previous night	<i>Number of vulnerable children as defined by PEPFAR in village 1 sleeping under bed nets the previous night</i>	<i>Number of vulnerable children as defined by PEPFAR monitored in village 1</i>
% of babies born in the facility who received skin-to-skin care	<i>Number of babies who received skin-to-skin care for the first hour after birth in the facility</i>	<i>Number of live births in the facility</i>

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Exercise 3: Creating a measure

Process indicator: Describe what you are measuring.	<i>% of HIV-positive clients assessed for malnutrition using MUAC</i>
Numerator: Who actually received the service?	<i># of HIV-positive clients who had their nutritional status assessed using MUAC in the clinic</i>
Denominator: Who should receive the service which you are focusing on?	<i># of HIV-positive clients seen in the clinic</i>
Data source: Where are you getting your data from?	<i>Client records</i>
Frequency: How often will data be collected?	<i>Weekly during the improvement process, followed by monthly to monitor sustained performance</i>
Responsible person: Individual who will ensure that the data is collected and maintained.	<i>Registration officer, volunteers, and data clerk</i>
