**Statistics**

1. **Proximity to Target Formula**

Introduction: The EPI is based on a proximity-to-target methodology whereby each County’s performance on any given indicator is measured based on its position within a range established by the lowest performing County (equivalent to 0 on a 0-100 scale) and the target (equivalent to 100). The generic formula for the **proximity-to-target indicator** calculation in the context of the global EPI is as follows:

(1)

Where:

*International range = best benchmark minus poorest performing Country*

*Target = International or national benchmark*

For example, the score for the indicator Access to Sanitation (i.e., percent of population with access to adequate sanitation) is calculated as follows:

* The target is 100% access to sanitation.
* The worst performer might have 5% of its population with access to adequate sanitation.
* Assume, Kenya’s access to sanitation is at 65%.
* The international range is 100-5 = 95.
* With 65% access to sanitation, the proximity-to-target score is calculated as follows: (95-35/95) x 100 = 63.1.

1. **Policy Category Score**

(2)

Where m is the total number of indicators under any given policy category

1. **Objective category score**

(3)

Where *l* is the total number of policy categories

1. **EPI Score**

EPI Score  (4)