

Exercise to practice using the PAMI Excel tool to identify PAMIs for cholera control

Get ready for the exercise

https://tinyurl.com/PAMIcontrol



- Make sure to use a computer that operates under Windows
- Download the PAMI Excel tool, and save a local copy
- Download the training dataset with acceptable representativeness of testing (i.e., 1st training dataset)
- Download the user guide of the PAMI Excel tool

Upload the data into the PAMI Excel tool and process the calculations

- Upload the training dataset into the PAMI Excel tool in the sheet Data input table
- Expand the selection in the sheet R.1 to have as many rows populated with data as in the data input table
- Refresh all using the Excel tab "Data"

Describe the dataset

- 1. How many years are included in the analysis period? ____
- 2. How many operational units are there in this dataset? ____
- 3. How many deaths were reported in total over the analysis period? ____

Describe some parameters of the PAMI analysis

- 4. What is the value of the 80th percentile of the mortality indicator? ____ (geo units with a mortality score \geq this value will have a mortality score = 3)
- 5. Which proportion the geo units had weekly testing \geq 50%? ____
- 6. Which testing indicator will be used? _

Explore the outputs of the calculations

Consider the geo unit id_033

In this geo unit:

- 7. How many deaths were registered over the analysis period? _____
- 8. What is the mortality? ____
- 9. What is the mortality indicator score? _____
- 10. What is the priority index? ____



Assess a potential priority index threshold

Stakeholders decided on a priority index threshold \geq 11:

- 11. What is the cumulative number of geographic units considered as PAMIs? ______
- 12. What is the cumulative percentage of population living in PAMIs? _____
- 13. What is the percentage of cases that occurred in PAMIs over the analysis period?
- 14. What is the percentage of deaths that occurred in PAMIs over the analysis period?
- 15. What are your thoughts on the potential impact of the future NCP with a priority index set to \geq 11?

Explore the presence of vulnerability factors

- 16. How many geo units with a priority index of 10 have hard to access populations?
- 17. What are the unique identifiers of these geo units?