

## RIVO Costing questionnaire

# RIVO COSTING QUESTIONNAIRE

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### General information

#### Province / Region

- |                                   |                                 |                              |
|-----------------------------------|---------------------------------|------------------------------|
| <input type="radio"/> Mbeya       | <input type="radio"/> Njombe    | <input type="radio"/> Tanga  |
| <input type="radio"/> Kilimanjaro | <input type="radio"/> Arusha    | <input type="radio"/> Dodoma |
| <input type="radio"/> Singida     | <input type="radio"/> Shinyanga | <input type="radio"/> Mwanza |
| <input type="radio"/> Pwani       |                                 |                              |

#### Name of interviewer

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### Role within immunization service

1

#### Name of interviewee

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#### Role within immunization services

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

#### others specify

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### Electronic systems

#### Which of the following electronic systems are available in the region?

- ☐ eIS
- ☐ VIMS

#### When was the VIMS implemented?

yyyy-mm

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When was the TImR implemented?

yyyy-mm

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Please indicate if you still use paper-based systems for either immunization or logistics information management

☐ Immunization

☐ Logistics

## Vaccination session execution: Child registration

*Time spent on entering details and data regarding a new child registration (including services provided and data management, finding patient folder and event recording).*

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Is this activity performed by the region?

☐ Yes

☐ No

Before the implementation of the eIS or VIMS, on average, how many vaccination sessions were organized per month?

*Please provide the number per month*

---

How many days in a week were vaccination sessions executed?

*Please provide the number of days per week*

---

How many children were registered in each vaccination session?

*Please provide the number of children registered per day*

---

Comments (if necessary);

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## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in registering children during a vaccination session. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

*Minutes*

---

Comments (if necessary);

---

**Currently** , on average, how many vaccination sessions are organized per month?

*Please provide the number per month*

---

**Currently**, how many days in a week are vaccination sessions executed?

*Please provide the number of days per week*

---

**How many children are registered in each session?**

*Please provide the number children registered per day*

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in registering children during a vaccination session.  
Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

*Minutes*

---

Comments (if necessary);

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## Organizing an outreach session

*Preparation for the delivery of immunization outreach sessions*

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Is this activity performed by the region?

- ☐ Yes
- ☐ No

Before the implementation of the eIS or VIMS, on average, how many outreach sessions were organized per year?  
Please provide the number per year

Comments (if necessary);

Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in organizing one outreach session. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:

\* Number of persons with this profile who were involved in the activity at a time

Time spent by one person with this profile each time the activity was performed  
Hours

Comments (if necessary);

Currently, on average, how often outreach sessions are organized per year?  
Please provide the number per year

Comments (if necessary);

Personnel involved

1

» Please indicate who is currently involved in organizing one outreach session. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:

\* Number of persons with this profile involved in the activity at a time

Time spent by one person with this profile each time the activity is performed  
Hours

Comments (if necessary);

## Delivering an outreach session

*Administration of vaccinations during outreach sessions, including recording of vaccine events*

Is this activity performed by the region?

- ☐ Yes  
☐ No

Before the implementation of the eIS or VIMS, on average, how many children on average were vaccinated during one outreach session?

Comments (if necessary);

### Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in delivering one outreach session. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

\* Number of persons with this profile who were involved in the activity at a time

Time spent by one person with this profile each time the activity was performed  
Hours

Comments (if necessary);

Before the implementation of the eIS or VIMS, on average, how much did an outreach session cost in terms of the following items:

Tanzanian Shillings

Consumables (e.g., allowances, per-diems, fuel, transportation fares etc.)

Services (e.g., transport fares)

If necessary please indicate how the cost could be calculated

interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it

Currently, on average, how many children are vaccinated during one outreach session?

Comments (if necessary);

## Personnel involved

1

» Please indicate who is currently involved in delivering one outreach session. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

\* Number of persons with this profile involved in the activity at a time

Time spent by one person with this profile each time the activity is performed

Hours

Comments (if necessary);

Currently, , on average, how much does an outreach session cost in terms of the following items:

Tanzanian Shillings

Consumables (e.g., per diems, fuel, transportation fares etc.)

Services (e.g., catering, hotels, transport fares)

If necessary please indicate how the cost could be calculated

interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it

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## Defaulter identification

*Reviewing registry to identify children who missed appointments, making list of defaulters*

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Is this activity performed by the region?

☐ Yes

☐ No

Before the implementation of the eIS or VIMS, on average, how often were defaulters identified in a year?

Please provide the number per year

---

Comments (if necessary);

---

### Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in identifying defaulters. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

Hours

---

Comments (if necessary);

---

Currently, on average, how often are defaulters identified in a year?

Please provide the number per year

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in identifying defaulters. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

---

## Defaulter contacting

*Contacting list of defaulters to remind of missed vaccinations*

---

Is this activity performed by the region?

- ☐ Yes
- ☐ No

Before the implementation of the eIS or VIMS, on average, how often were defaulters contacted?

Please provide the number per year

---

Comments (if necessary);

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in contacting defaulters. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---



\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

Hours

---

Comments (if necessary);

---

**Currently**, on average, how often are defaulters contacted?

Please provide the number per month

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in contacting defaulters. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

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## Identifying performance gaps

*Reviewing data to find performance gaps (such as not on track for coverage targets that month)*

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Is this activity performed by the region?

☐ Yes

☐ No

**Before the implementation of the eIS or VIMS, on average, how often were performance gaps identified?**

*Please provide the number per month*

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Comments (if necessary);

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in identifying performance gaps. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

*Hours*

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Comments (if necessary);

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**Currently, on average, how often are performance gaps identified?**

*Please provide the number per month*

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Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in identifying performance gaps. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

Time spent by one person with this profile each time the activity is performed

Hours

Comments (if necessary);

## Immunization and vaccine stock management reports generation

*Time taken to search for and record the data that will be included in the monthly or weekly or annual reports.*

Is this activity performed by the region?

☐ Yes

☐ No

Before the implementation of the eIS or VIMS, on average, how often were immunization and vaccine stock reports generated?

Please provide the number per year

Comments (if necessary);

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in preparing immunization and vaccine stock reports. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

\* Number of persons with this profile who were involved in the activity at a time

Time spent by one person with this profile each time the activity was performed

Hours

Comments (if necessary);

**Currently**, on average, how often are immunization and vaccine stock reports generated?

Please provide the number per year

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in preparing immunization and vaccine stock reports.  
Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

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## Transportation of immunization and vaccine stock management reports

*Transporting of weekly/monthly reports to higher administrative level*

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Is this activity performed by the region?

- ☐ Yes
- ☐ No

On average, how much does one trip for transportation of immunization reports cost (e.g., fuel, public transport fares, per-diem paid to employees etc.)?

Please provide the cost in Tanzanian Shillings or describe how to calculate the cost (ie. kilometres, cost for fuel, etc.)**NOTE: Insert NA if data is not available/unknown**

---

Comments (if necessary);

interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it

---

**Before the implementation of the eIS or VIMS**, on average, how often were immunization and vaccine stock reports transported?

Please provide the number per month

---

Comments (if necessary);

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in transporting immunization and vaccine stock reports. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed  
Hours

---

Comments (if necessary);

---

Currently, on average, how often are immunization and vaccine stock reports transported?

Please provide the number per month

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in transporting immunization and vaccine stock reports. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

---

## Monitoring the cold chain

**Data entry for recording fridge temperature**

---

Is this activity performed by the region?

☐ Yes

☐ No

**Before the implementation of the eIS or VIMS**, on average, how often was the cold chain monitored?

*please provide the number per week*

---

Comments (if necessary);

---

### Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in recording fridge temperatures. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

Minutes

---

Comments (if necessary);

---

**Currently**, on average how often is the cold chain monitored

*please provide the number per week*

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in recording fridge temperatures. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed  
Minutes

---

Comments (if necessary);

---

## Determining quantities of vaccine to order

*Reconciling number of vaccines to order*

---

Is this activity performed by the region?

- ☐ Yes
- ☐ No

Before the implementation of the eIS or VIMS, on average, how often was this activity performed?

Please provide the number per month

---

Comments (if necessary);

---

Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in determining quantities of vaccine to order. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:  

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

Hours

---

Comments (if necessary);  

---

Currently, on average, how often is this activity performed?  
Please provide the number per month

---

Comments (if necessary);  

---

Personnel involved

1

» Please indicate who is currently involved in determining quantities of vaccine to order. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:  

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---



Comments (if necessary);

---

## Vaccine quality control / monitoring

*Physical counting, recording, and checking of closed vials*

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Is this activity performed by the region?

☐ Yes

☐ No

Before the implementation of the eIS or VIMS, on average, how often was this activity performed?

*Please provide the number per month*

---

Comments (if necessary);

---

### Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in performing a physical count, recording and checking of closed vials. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

*Hours*

---

Comments (if necessary);

---

Currently, on average, how often is this activity performed?

*Please provide the number per month*

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in performing a physical count, recording and checking of closed vials. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

---

## Emergency vaccine replenishments

**Transporting of vaccine supplies from higher administrative levels due to a local vaccine stock-out**

---

Is this activity performed by the region?

- ☐ Yes
- ☐ No

On average, how much does one emergency trip for vaccine replenishment cost (e.g., fuel, public transport fares, per-diem paid to employees etc.)?

Please provide the cost in Tanzanian Shillings or describe how to calculate the cost (ie. kilometres, cost for fuel, etc.)**NOTE: Insert NA if data is not available/unknown**

---

Comments (if necessary);

interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it

---

**Before the implementation of the eIS or VIMS, on average, how many vaccine stock-out events did the region experience?**

Please provide the number per year

---

Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in transporting emergency vaccine orders. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

Hours

---

Comments (if necessary);

---

Currently, on average, how many vaccine stock-out events does the region experience?

Please provide the number per year

---

Comments (if necessary);

---

Personnel involved

1

» Please indicate who is currently involved in transporting emergency vaccine orders. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- ☐ Assistant clinical officer
- ☐ Clinical officer
- ☐ Assistant medical officer
- ☐ Medical doctor
- ☐ Registered nurse
- ☐ Enrolled nurse
- ☐ Nurse attendant
- ☐ Public health nurse
- ☐ Community health worker
- ☐ Other

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

Hours

---

Comments (if necessary);

---

# Printing

*Printing of registries, stock cards, tallies, reports, etc. for the purposes of vaccine stock management*

---

## Document Eg. Registry, report, tally sheet

1

Before the implementation of the eIS or VIMS, please provide a list of the type of documents and number of documents that were printed for immunization and stock data management.

---

### » Printed documents

Document Eg. Registry, report, tally sheet

---

Average number of pages per document

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How often did you print this document per year?

---

Comments (if necessary);

---

## Document Eg. Registry, report, tally sheet

1

Please provide a list of the type of documents and number of documents that are printed for immunization and stock data management **currently**, and the number of average pages per document and frequency of printing.

---

### » Printed documents

Document Eg. Registry, report, tally sheet

---

Number of pages

---

Frequency of printing (per year)

---

Comments (if necessary);

---

# Maintenance

***Recurring activity that involves maintenance of hardware, equipment, and systems used in immunization and vaccine stock data recording and reporting.***

Is this activity performed by the region?

- ☐ Yes
- ☐ No

**Before the eIS or VIMS implementation**, on average, how many maintenance events regarding hardware and software used in immunization and vaccine stock data management were performed annually (e.g., computers, tablets, printers)?

*Please provide the number per year*

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Comments (if necessary);

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in the ordinary maintenance of the hardware and software used in immunization and vaccine stock data management\*\*. Eg. 2 technician spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

*Hours*

---

Comments (if necessary);

---

**Before the eIS or VIMS implementation**, on average, how much did a maintenance event cost in terms of the following items:

*Please provide the total cost in Tanzanian Shillings. In doing so, please consider any cost incurred for durable goods (e.g., equipment, tablets, spare parts), consumables (e.g., paper, stationary, fuel, per-diems) and/or services (e.g., transportation fares, accomodation etc.)*

**NOTE: Insert NA if data is not available/unknown**

---

Durable goods specifically acquired for the activity (e.g., equipment, tablets, spare parts, etc.)

---

Consumables (e.g., paper, stationary, fuel, etc.)

---

Services (e.g., catering, hotels, transport fares)

---

If necessary please indicate how the cost could be calculated

*interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it*

---

**Before the eIS or VIMS implementation** what was your annual budget for maintenance of hardware, equipment, and systems used in immunization data management (e.g., computers, tablets, printers).

*Please provide the total budget in Tanzanian Shillings. NOTE: if not available or unknown put NA*

---

**Currently**, on average, how many maintenance events regarding hardware and software used in immunization and vaccine stock data management are performed annually (e.g., computers, tablets, printers)?

*Please provide the number per year*

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in the ordinary maintenance of the hardware and software used in immunization and vaccine stock data management\*\*. Eg. 2 technician spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

*Hours*

---

Comments (if necessary);

---

**Currently**, how much does a maintenance event cost in terms of the following items:

*Tanzanian Shillings*

---

Durable goods specifically acquired for the activity (e.g., equipment, tablets, spare parts, etc.)

---

Consumables (e.g., paper, stationary, fuel, etc.)

---

Services (e.g., catering, hotels, transport fares)

---

If necessary please indicate how the cost could be calculated

*interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it*

---

**Currently**, what is your annual budget for maintenance of hardware, equipment, and systems used in immunization data management (e.g., computers, tablets, printers).

*Please provide the total budget in Tanzanian Shillings. NOTE: if not available or unknown put NA*

---

## Refresher trainings

*Recurrent trainings provided for the recording and reporting of immunization data, whether on paper or electronically.*

---

Is this activity performed at the region?

☐ Yes

☐ No

**Before the eIS or VIMS implementation** on average, how many refresher trainings were performed annually?

*Please provide the number per year*

---

Comments (if necessary);

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in delivering refresher trainings for the use of eIS or VIMS. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

Other, specify:

---

\* Number of persons with this profile who were involved in the activity at a time

---

Time spent by one person with this profile each time the activity was performed

*Hours*

---

Comments (if necessary);

---

**Before the eIS or VIMS implementation** on average, how much did a refresher training cost in terms of the following items:

*Please provide the total cost in Tanzanian Shillings. In doing so, please consider any cost incurred for durable goods (e.g., equipment, tablets, spare parts), consumables (e.g., paper, stationary, fuel, per-diems) and/or services (e.g., transportation fares, accomodation etc.)*

**NOTE: Insert NA if data is not available/unknown**

---

Durable goods specifically acquired for the activity (e.g., equipment, tablets, spare parts, etc.)

---

Consumables (e.g., paper, stationary, fuel, etc.)

---

Services (e.g., catering, hotels, transport fares)

---

**If necessary please indicate how the cost could be calculated**

*interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it*

---

**Before the eIS or VIMS implementation** what was your annual budget for refresher trainings for data recording systems for immunization and vaccine stock management.

*Please provide the total budget in Tanzanian Shillings. NOTE: if not available or unknown put NA*

---

**Currently**, on average, how many refresher trainings are performed for the eIS or VIMS annually?

*Please provide the number per year*

---

Comments (if necessary);

---

## Personnel involved

1

» Please indicate who is currently involved in providing refresher trainings. Eg. 2 nurses spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

---

\* Number of persons with this profile involved in the activity at a time

---

Time spent by one person with this profile each time the activity is performed

*Hours*

---

Comments (if necessary);

---

**Currently**, how much does a maintenance event cost in terms of the following items:

*Tanzanian Shillings*

---

Durable goods specifically acquired for the activity (e.g., equipment, tablets, spare parts, etc.)

---



Consumables (e.g., paper, stationary, fuel, etc.)

---

Services (e.g., catering, hotels, transport fares)

---

**If necessary please indicate how the cost could be calculated**

*interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it*

---

**Currently, what is your annual budget for refresher trainings?**

*Please provide the total budget in Tanzanian Shillings. NOTE: if not available or unknown put NA*

---

## Technical and/or administrative support visits

*Recurring visits from the IVD Department for supervision and technical assistance in immunization delivery services*

---

**Is this activity performed by the region?**

☐ Yes

☐ No

**Before the eIS or VIMS implementation on average, how many technical/supervisory visits were conducted annually?**

*Please provide the number per year*

---

**Comments (if necessary);**

---

## Personnel involved

1

» Before the eIS or VIMS implementation please indicate who was involved in providing technical and/or supervision assistance. Eg. 2 immunization officers spend 4 hours each on this activity.

\* Profile of the personnel involved

☐ Assistant clinical officer

☐ Clinical officer

☐ Assistant medical officer

☐ Medical doctor

☐ Registered nurse

☐ Enrolled nurse

☐ Nurse attendant

☐ Public health nurse

☐ Community health worker

☐ Other

**Other, specify:**

---

\* Number of persons with this profile who were involved in the activity at a time

---

**Time spent by one person with this profile each time the activity was performed**

*Hours*

---

**Comments (if necessary);**

---

Before the eIS or VIMS implementation on average how much did a technical/supervisory visit cost in terms of the following items:

Tanzanian Shillings

Consumables (e.g., allowances, per-diems, fuel, transportation fares etc.)

Services (e.g., transport fares)

If necessary please indicate how the cost could be calculated

interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it

Currently, on average, how many technical/supervisory visits are conducted annually?

Comments (if necessary);

## Personnel involved

1

» please indicate who is involved, Currently in providing technical and/or supervision assistance.  
Eg. 2 immunization officers spend 4 hours each on this activity.

\* Profile of the personnel involved

- |  |   |   |
|--|---|---|
| <input type="radio"/> Assistant clinical officer | <input type="radio"/> Clinical officer    | <input type="radio"/> Assistant medical officer |
| <input type="radio"/> Medical doctor             | <input type="radio"/> Registered nurse    | <input type="radio"/> Enrolled nurse            |
| <input type="radio"/> Nurse attendant            | <input type="radio"/> Public health nurse | <input type="radio"/> Community health worker   |
| <input type="radio"/> Other                      |   |   |

Other, specify:

\* Number of persons with this profile who were involved in the activity at a time

Time spent by one person with this profile each time the activity was performed

Hours

Comments (if necessary);

Besides the personnel costs, Currently, how much does a technical/supervisory visit in terms of the following items:

Please provide the total cost in Tanzanian Shillings. In doing so, please consider any cost incurred for durable goods (e.g., equipment, tablets, spare parts), consumables (e.g., paper, stationary, fuel, per-diems) and/or services (e.g., transportation fares, accomodation etc.)  
**NOTE: Insert NA if data is not available/unknown**

Consumables (e.g., allowances, per-diems, fuel, transportation fares etc.)

Services (e.g., transport fares)

If necessary please indicate how the cost could be calculated

*interviewer: if the interviewee struggles to state a cost, try to elicit any information useful to estimating it*

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# Thank you for your time - asante sana!

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