**Tool 3a: Mortality HH survey**

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| **Zone De Sante:** | **Date of Data Collection:** |
| **Aire de sante:** | **Enumerator Name/ID:** |
| **Village Name:** | **Supervisor Name:** |
| **Cluster Number:** |  |

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| Section: Informed Consent |
| I am \_\_\_\_\_, working for IMPACT Initiatives, a sister organization to ACTED, an international non-profit organization working in this area. Together with the University of Kinshasha School of Public Health and University of California Berkeley, we are doing research on methods to improve reporting of deaths in the community to better inform the health department on the number and causes of death in this area. This information helps health actors plan and run health services for the population. We are approaching you today because your household was randomly selected to participate in this study about mortality in Tanganyika Province. I would like to give you some information about our work and invite you to take part in this study. If there is any part that you don’t understand you can ask me to stop and I will take time to explain, or you can ask later.  \*\*Does the participant agree to continue?\*\* [YES / NO] |
| [If not agree to continue] Thank you for your time. [END INTERVIEW] |
| [If yes to continue] [APPLY INFORMED CONSENT FORM FOR TOOL 3a]  \*\* Has the household respondent consented to participate? \*\* [YES / NO]  [If yes to consent] [Continue to section 1].  [If no to consent] Thank you for your time. [END INTERVIEW] |

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| Section 1: Meta-Information | | |  |
| S/No | **Question** | **Choices** | **Skip Logic** |
| 1.1 | GPS points | geopoint |  |
| 1.2 | What is the sex of the respondent? | 1 = Male; 2 = Female; |  |
| 1.3 | What is the age in completed years of the respondent? | Integer |  |
| 1.4 | What is the sex of the head of household? | 1 = Male; 2 = Female; |  |
| 1.5 | What is the age of the head of household (years)? | Integer |  |
| 1.6 | In what *territoire* are you conducting the interview? | [List of territoire in Tanganyika Province] |  |
| 1.7 | In what *zone de sante* are you conducting the interview? | [List of zone de sante in Tanganyika Province] |  |
| 1.8 | In what *aire de sante* are you conducting the interview? | [List of aire de sante in Tanganyika Province] |  |
| 1.9 | In what *village* are you conducting the interview? | Text |  |
| 1.10 | What is the cluster ID number? | Integer |  |
| 1.11 | What is the household number? (match to cluster control form) | Integer |  |
| 1.12 | What is the marital status of the respondent? | 1 = Married; 2 = Separated; 3 = Divorced; 4 = Widower; 5 = Single; |  |
| 1.13 | What is the residency status of the household? | 1 = Host community; 2 = Internally displaced; 3 = Refugee; 4 = Refugee returnee; 5 = Internally displaced returnee; 6 = Other (specify) |  |
| 1.14 | What is the highest level of education of the respondent? | 1 = Pre-primary school  2 = Primary school  3 = Lower Secondary School  4 = Secondary School  5 = Post-secondary school  6 = Trade or professional school  7 = Religious school  8 = Don’t know  9 = Prefer not to answer. |  |
| 1.15 | What does the household do to make money or earn food? | [select multiple – contextual list of livelihood activities] |  |
| 1.16 | How many people in your household slept under the same roof, and ate from the same cooking pot the previous night? | Integer |  |

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| Section 2: Demographic Roster  Please ask these questions about each person living in the household. | | | |
| S/No | **Question** | **Choices** | **Skip Logic** |
| 2.1 | First Name: **(deleted at end of interview)** |  |  |
| 2.2 | Sex: | 1 = Male; 2 = Female; |  |
| 2.3 | Age (completed years): | Integer | If <= 5, go to 2.4; else 2.8 |
| 2.4 | Can you bring us [NAME]'s vaccination record or birth certificate? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 2.5 | Do you know the day, month, and year of [NAME]’s birth? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | If 1, go to 2.6; else 2.7 |
| 2.6 | What is the \*\*date of birth\*\* for [NAME]? | Date [MM-DD-YYYY] |  |
| 2.7 | If not exact date, can you estimate the \*\*month-year of birth\*\* for [NAME] ? | Date [MM-YYYY] |  |
| 2.8 | Was [NAME] present in the household on Christmas (December 25th, 2022)? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | If 2, go to 2.9; else 2.12 |
| 2.9 | Do you know the exact day, month, and year [NAME] \*\*JOINED\*\* the household? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | If 1, go to 2.10, else 2.11 |
| 2.10 | What day, month, year Joined Household? | Date [MM-DD-YYYY] |  |
| 2.11 | If not exact date, estimate month and year [NAME] \*\*JOINED\*\* the household? | Date [MM-YYYY] |  |
| 2.12 | In the last 3 months, has [NAME] have any health problem and needed to access health care? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |

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| Section 3: Summation | | | |
| In the following section, we want to know about the number of people you know. If you count someone in one of these groups, please do not double count them again. These questions will help us count the number of people who may be in need of certain health services. These should be people who:   * *Reside in the same community as you* * *People you know by sight and name, and who know you by sight and name* * *People who you are related to (children, grandchildren, cousins, aunts, uncles, grandparents) or live in the closest 5 households to yours by walking distance with since January 1st, 2023.* | | | |
| S/No | **Question** | **Choices** | **Skip Logic** |
| 3.1.1 | How many people in total do you know? | # of Boys <5yrs: |  |
| 3.1.2 | # of Men >5yrs: |  |
| 3.1.3 | # of Girls <5yrs: |  |
| 3.1.4 | # of Women >5yrs: |  |

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| Section 5: Women Health | | | |
| S/No | **Question** | **Choices** | **Skip Logic** |
| *For each woman of reproductive age 15-49 years of age residing in the household* | | | |
| 5.1 | Has [woman\_name] been pregnant in the last two years and completed that pregnancy? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 5.2 | Has the women delivered since January 1st, 2023? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q5.1 = 1 |
| 5.3 | If so, what was the result of the delivery? | 1 = Born alive and breathing; 2 = Born breathing but now dead; 3 = Stillbirth | Q5.2 = 1 |
| 5.4 | What is the status of [woman\_name] ? | 1 = Pregnant; 2 = breastfeeding; 3 = pregnant and breastfeeding; 4 = None | Q5.1 = 1 |

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| Section 6: Left Household Members | | |  |
| S/No | **Question** | **Choices** |  |
| 6.1 | Has anyone left your household since January 1st, 2023 and are not living in the current HH? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 6.2 | If yes, how many people have left your HH since January 1st, 2023 and are not living in the current HH? | Integer | Q6.1 = 1 |
| *For each individual that has left the household since Christmas (December 25th, 2022)* | | | |
| 6.3 | First Name: **(deleted at end of interview)** | Text |  |
| 6.4 | Sex: | 1 = Male; 2 = Female; |  |
| 6.5 | Age (completed years): | Integer (completed years) |  |
| 6.6 | Do you know the day, month, and year of [NAME\_LEFT]’s birth? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 6.7 | EXACT \*\*date of birth\*\* for [NAME\_LEFT]? | Date [MM-DD-YYYY] | Q6.6 = 1 |
| 6.8 | If exact date unknown, please estimate at least the \*\*month-year\*\* of birth for [NAME\_LEFT]? | Date [MM-YYYY] | Q6.6 = 2 |
| 6.9 | Was [NAME\_LEFT] present in the household on January 1st, 2023? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 6.10 | Do you know the exact day, month, and year [NAME\_LEFT] \*\*JOINED\*\* the household? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q6.9 = 1 |
| 6.11 | \*\*EXACT\*\* day, month, year [NAME\_LEFT] \*\*JOINED\*\* the household? | Date [MM-DD-YYYY] | Q6.10 = 1 |
| 6.12 | If not exact date, estimate month and year [NAME\_LEFT] \*\*JOINED\*\* the household? | Date [MM-YYYY] | Q6.10 = 2 |
| 6.13 | Do you know the date, month, and year that [NAME\_LEFT] \*\*LEFT\*\* your household? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 6.14 | \*\*EXACT\*\* date [NAME\_LEFT] \*\*LEFT\*\*? | Date [MM-DD-YYYY] | Q6.13 = 1 |
| 6.15 | If exact date unknown, can you estimate at least the \*\*month-year\*\* [NAME\_LEFT] \*\*LEFT\*\*? | Date [MM-YYYY] | Q6.13 = 2 |

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| Section 7: Household Deaths | | |  |
| S/No | **Question** | **Choices** | **Skip Logic** |
| 7.1 | Has anyone passed away in your household since January 1st, 2023? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.2 | Have any babies, infants or small children passed away since last January 1st, 2023? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.3 | How many people in your household have died since January 1st, 2023? | Integer | Q7.1 = 1 or Q7.2 = 1 |
| *For each individual that has died in the household since Christmas (December 25th, 2022)* | | | |
| 7.4 | First Name: | Text |  |
| 7.5 | Sex: | 1 = Male; 2 = Female; |  |
| 7.6 | Age (completed years): | Integer (completed years) |  |
| 7.7 | Do you know the day, month, and year of [NAME\_DIED] birth? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q7.6 <= 5 |
| 7.8 | What is the \*\*date of birth\*\* for [NAME\_DIED] ? | Date [MM-DD-YYYY] | Q7.7 = 1 |
| 7.9 | If exact date not known, please estimate at least the month-year of birth as best as possible using the local events calendar. | Date [MM-YYYY] | Q7.7 = 2 |
| 7.10 | Was [NAME\_DIED] present in the household since January 1st, 2023? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.11 | Do you know the exact day, month, and year [NAME\_DIED] \*\*JOINED\*\* the household? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q7.10 = 1 |
| 7.12 | \*\*EXACT\*\* day, month, year [NAME\_DIED] \*\*JOINED\*\* household? | Date [MM-DD-YYYY] | Q7.11 = 1 |
| 7.13 | If not exact date, estimate \*\*month-year\*\* [NAME\_DIED] \*\*JOINED\*\* the household? | Date [MM-YYYY] | Q7.11 = 2 |
| 7.14 | Do you know the [NAME\_DIED]'s \*\*date of death\*\*? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.15 | \*\*EXACT\*\* date of death of [NAME\_DIED]? | Date [MM-DD-YYYY] | Q7.14 = 1 |
| 7.16 | If exact date unknown, estimate the \*\*month-year\*\* of death of [NAME\_DIED] | Date [MM-YYYY] | Q7.14 = 2 |
| 7.17 | How did the [NAME\_DIED] pass away? | 1 = Acute disease (malaria, fever, COVID-19, measles, cholera); 2 = Accident/trauma; 3 = Intentional violence; 4 = Post-partum death (women within 0-42 days of giving birth; 5 = During pregnancy; 6 = During delivery; 7 = Chronic disease (cancer, heart disease, diabetes, stroke, etc.); 8 = Other (specify) |  |
| 7.18 | Where did the [NAME\_DIED] pass away? | 1 = At home; 2 = At health facility; 3 = At another location (specify); 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.19 | Did [NAME\_DIED] seek health care in the 2 weeks before dying? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 7.20 | If so, place health care sought? | 1 = Government hospital; 2 = Government health center; 3 = Government health post  4 = Private hospital; 5 = Private clinic; 6 = Other private medical facility; 7 = NGO hospital; 8 = NGO clinic; 9 = Traditional healer or practitioner; 10 = Pharmacy; 11 = Specify other; 12 = Don't know | Q7.19 = 1 |
| 7.21 | If not, main reason for not seeking care in a health structure/facility? | 1 = Immediate death; 2 = No money / consultation too expensive; 3 = Too sick to seek care; 4 = Health facility too far away  5 = Went to a traditional healer; 6 = No time to go/too busy to go; 7 = Do not trust the health facility; 8 = Safety issue; 9 = Care was refused at the health facility; 10 = Other (specify); 11 = Don’t know | Q7.19 = 2 |
| 7.22 | In your own words, can you provide any other details about the circumstances of [NAME\_DIED]'s death? | Text |  |

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| Section 8: Network Reported Deaths | | | | | |
| In the following section, we want to ask you a few questions about people who have died. Similar to the previous questions, we only want to know about people who:   * *Reside in the same community as you* * *People you know by sight and name, and who know you by sight and name* * *People who you are related to (children, grandchildren, cousins, aunts, uncles, grandparents) or live in the closest 5 households to yours by walking distance with since January 1st, 2023.* | | | | | |
| S/No | **Question** | | **Choices** | **Skip Logic** | |
| 8.1 | Since January 1st, 2023, how many people do you know how have died? | | Integer | Q8.1 = 1 or Q8.2 = 1  (loop from Q8.4 by this number) | |
| *For each reported death in the respondent’s social network* |  | |  |  | |
| 8.2 | What was the FIRST and LAST name of the deceased person? | | Text |  | |
| 8.3 | | | | | | Was [deceased\_name] known by any other names or nicknames? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  |
| 8.4 | If yes, what other names? | | Text |  | |
| 8.5 | What was the sex of [deceased\_name]? | | 1 = Male; 2 = Female; 8 = Don’t know |  | |
| 8.6 | What was the age in completed years of [deceased\_name]? | | Integer (completed years) |  | |
| 8.7 | Do you know the day, month, and year of [deceased\_name]’s birth? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q8.7 <= 5 | |
| 8.8 | What is the \*\*date of birth\*\* for ${name\_died}? | | Date [MM-DD-YYYY] | Q8.9 = 1 | |
| 8.9 | If exact date not known, please estimate at least the month-year of birth as best as possible using the local events calendar. | | Date [MM-YYYY] | Q8.9 = 2 | |
| 8.10 | Do you know the [deceased\_name]'s \*\*date of death\*\*? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  | |
| 8.11 | \*\*EXACT\*\* date of death of ${name\_died}? | | Date [MM-DD-YYYY] | Q8.12 = 1 | |
| 8.12 | If exact date unknown, estimate the \*\*month-year\*\* of death of [deceased\_name] | | Date [MM-YYYY] | Q8.12 = 2 | |
| 8.13 | How did the [deceased\_name] pass away? | | 1 = Acute disease (malaria, fever, COVID-19, measles, cholera)  2 = Accident/trauma  3 = Intentional violence  4 = Post-partum death (women within 0-42 days of giving birth  5 = During pregnancy  6 = During delivery  7 = Chronic disease (cancer, heart disease, diabetes, stroke, etc.)  8 = Other (specify) |  | |
| 8.14 | Where did the [deceased\_name] pass away? | | 1 = At home; 2 = At health facility; 3 = At another location (specify); 8 = Don’t know; 9 = Prefer not to answer |  | |
| 8.15 | Did [deceased\_name] seek health care in the 2 weeks before dying? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  | |
| 8.16 | If so, place health care sought? | | 1 = Government hospital; 2 = Government health center; 3 = Government health post  4 = Private hospital; 5 = Private clinic; 6 = Other private medical facility; 7 = NGO hospital  8 = NGO clinic; 9 = Traditional healer or practitioner; 10 = Pharmacy; 11 = Specify other; 12 = Don't know | Q8.17 = 1 | |
| 8.17 | If not, main reason for not seeking care in a health structure/facility? | | 1 = Immediate death; 2 = No money / consultation too expensive; 3 = Too sick to seek care; 4 = Health facility too far away  5 = Went to a traditional healer; 6 = No time to go/too busy to go; 7 = Do not trust the health facility; 8 = Safety issue; 9 = Care was refused at the health facility; 10 = Other (specify); 11 = Don’t know | Q8.17 = 2 | |
| 8.18 | In your own words, can you provide any other details about the circumstances of [deceased\_name]'s death? | | Text |  | |
| 8.19 | Was [deceased\_name] a member of the community you currently live in? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  | |
| 8.20 | If no, what Admin1 did [deceased\_name] live at the time of their death? | | [Select one – contextual list] | Q8.21 = 2 | |
| 8.21 | If no, what Admin2 did [deceased\_name] live at the time of their death? | | [Select one – contextual list] | Q8.21 = 2 | |
| 8.22 | If no, what Admin3 did [deceased\_name] live at the time of their death? | | [Select one – contextual list] | Q8.21 = 2 | |
| 8.23 | If no, what village did [deceased\_name] live at the time of their death? | | [Select one – contextual list] | Q8.21 = 2 | |
| 8.24 | Did you share a meal or beverage with [deceased\_name] in the one month before they passed away? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  | |
| Q8.25 | We would like to follow up more closely with the household of [name\_deceased] to better understand the causes of their death. This will help us understand the causes of high mortality in Tanganyika Province so the health department and NGOs can better plan their response.  We would like to ask your permission to follow up with [name\_deceased]'s household directly to better understand the causes of death. We would not disclose your information that you told us about the death, but it would increase the risk of breaching your confidentiality if we discussed with the household. If you are not comfortable with us following up with the household, please tell us. We will only follow up with them if you give us permission to do so.  \*\*Do we have your permission to follow up with the household of [name\_deceased]? \*\* | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer |  | |
| Q8.26 | Do you have any phone number you can share for [name\_deceased]'s household? | | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q8.26 = 1 | |
| Q8.27 | | Phone number | Phone Number | Q8.27 = 1 |
| Q8.28 | | Is there anyone else we could call by phone who could connect us with [name\_deceased]'s household? | 1 = Yes; 2 = No; 8 = Don’t know; 9 = Prefer not to answer | Q8.26 = 1 |
| Q8.29 | | Phone number (alternate): | Phone Number | Q8.29 = 1 |
| Q8.30 | | Do you have any other information on how we could reach or contact [name\_deceased]'s household? | Text | Q8.26 = 1 |
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