INSTRUCTIONS: Important to note the use of following symbols in dropdown response options

- ○ Means chose one only
- ☐ Means select all that are applicable.

Section 1: Household Contact Attempts

1.1. Choose Household ID

1.2. Record visit attempt date: YYYY-MM-DD

1.3. Record type of Visit [dropdown with radio button, choose one option only]

- ○ Community Engagement
- ○ GIS – Mapping
- ○ Regular Visit
- ○ Problem Solving
- ○ Quality Control
- ○ Tracking

1.4. What is the visit outcome? [dropdown with radio button, choose one option only]
- ○ Contact
- ○ Passive Refusal [people are in homestead but ignoring to talk to data collector [end visit]
- ○ Non-contact [END of visit]

1.5. [IF non-contact] are you transferring to tracking or rescheduling a visit?
- ○ Transferring to tracking
- ○ Reschedule a visit

1.6. [IF requesting transfer to tracking] Why do you want to transfer record to tracking?
- ○ Found late afternoon only
- ○ Found late afternoon or Sunday
- ○ Found Sunday only
- ○ Working away from homestead but within DSA

1.7. [IF rescheduling a visit] when are you visiting the household again? YYYY-MM-DD

1.8. [IF Passive refusal] provide details of what happened for you to say its passive refusal.

1.9. [IF Passive refusal] Transfer to field supervisor to revisit to evaluate.
- ○ Transferring to Field Supervisor

1.10. Who is the informant for the household?
- ○ Household head
- ○ Household member [link details by choosing from household roster]
- ○ Neighbour [Provide BSID, HHID and DSID]
- ○ Staff member [Only if Bounded Structure/Dwelling is a facility]

1.11. Was permission to participate given?
- ○ Yes
- ○ No, refused

1.12. [IF Refused:] What is the reason for refusal? [provide space to write text narrative]

1.13. [IF Refused:] Are you transferring this Bounded Structure/Dwelling, to whom? [END of visit, End of form]
- ○ Field Supervisor
- ○ Community Engagement

Section 2: Household Consent [NB: ensure you handle consent according to approved Nodal Ethical framework, that at minimum must ensure written informed consent]

2.1. [IF permission to participate was given] Do you consent to do household questionnaires?
- ○ Yes
- ○ No

2.2. [IF permission to participate was given] Do you consent for the household to be contacted for telephonic data collection?
- ○ Yes
- ○ No

2.3. Is participant able to write?
- ○ Yes
- ○ No

2.4. [IF participant able to write] Participant consent signature and date [enable capture of participant signature and date]

2.5. [IF participant NOT able to write] Witness consent signature and date [enable capture of witness signature and date]

Section 3: Community Engagement Activities

3.1. Did you know our organisation [NAME of HDSS Node] was going to visit you this week?
- ○ Yes
- ○ No

3.2. [IF YES] how did you learn that we were going to visit you? *Mark all that apply*
- ☐ Roadshows
- ☐ Community dialogues
- ☐ Community meetings
- ☐ Commemorative events (e.g. World AIDS Day, Mandela Day, etc)
- ☐ Presentation by our staff at meetings held by other organisations
- ☐ Community sport or music events
- ☐ Radio programme
- ☐ SMS sent by our organisation
- ☐ School based-events
- ☐ Others (specify)_____

Section 4: Household Residency

4.1. Is the household still resident at this Bounded Structure/Dwelling?
- ○ Yes [Go to section 2]
- ○ No

4.2.   [IF NO] When did the household end its residency? YYYY-MM-DD

4.3.   How did the household end its residency?
- ○ Household has ended
- ○ Household migrated to outside DSA (External out-migrated)
- ○ Household migrated to within DSA (internally out-migrated)

NB: Please note you only choose household migrated (externally or internally) if all resident household members (including one-member households) have migrated, otherwise treat

migration as individual or groups of individuals migrating together. Also treat remaining resident members as old household continuing its residency)

4.4. Did some of the household members migrate together?
- ○ Yes
- ○ No

4.5. [IF YES] How many multiple migrations would you like to capture? [insert number of multiple migrations required, each to list household members who moved from to same place of destination on the same day]

4.6. Within each MULTIPLE MIGRATION:

4.6.1. For each multiple migration, select the members who migrated together from household roster dropdown]

4.6.2. [IF HOUSEHOLD MEMBERS ARE EXTERNALLY OUT-MIGRATING] Is the external location of their destination place of usual residence a rural or urban area?
- ○ Rural
- ○ Urban

4.6.2.1. What is the name of the external location of their destination place of usual residence? [Provide a Node specific dropdown list of locations that represent your common external migration streams]

4.6.3. [IF HOUSEHOLD MEMBERS ARE INTERNALLY OUT-MIGRATING] Is the internal location of their destination place of usual residence a rural or urban area?
- ○ Rural
- ○ Urban

4.6.3.1. What is the name of the internal location of their destination place of usual residence? [Provide a Node specific dropdown list of locations of villages/suburbs and local areas]

NB: Please note a separate migration module might only be necessary if a Node wants to ask more migration questions about households than above.

Section 5: Household Socio-Economic Status

5.1. What is the man construction material used for the walls of the main dwelling?
- ○ Brick
- ○ Cement block/concrete
- ○ Corrugated iron/zinc
- ○ Wood
- ○ Plastic
- ○ Cardboard

- ○ Mud and cement mix
- ○ Wattle and daub
- ○ Tile
- ○ Mud
- ○ Thatching/ grass
- ○ Asbestos
- ○ Other (specify)

5.2. What is the main construction material used for the roof of the main dwelling?
- ○ Cement block/concrete
- ○ Corrugated iron/zinc
- ○ Wood
- ○ Plastic
- ○ Cardboard
- ○ Mud and cement mix
- ○ Wattle and daub
- ○ Tile
- ○ Mud
- ○ Thatching/ grass
- ○ Asbestos
- ○ Other (specify

5.3. What is the main construction material used for the floor of the main dwelling?
- ○ Earth/Sand
- ○ Dung
- ○ Wood/ Planks
- ○ Parquet/ polished wood
- ○ Vinyl or asphalt strips
- ○ Ceramic tiles
- ○ Cement
- ○ Carpet
- ○ Other (specify)

5.4. How many rooms do members of this household usually use for sleeping at this dwelling? _ _ _

5.5. During the last 12 months, what was the household's main source of drinking water
- ○ Piped (tap) water in the dwelling/house (skip to Q1.6)
- ○ Piped (tap) water in yard (skip to Q1.6)
- ○ Borehole in yard (skip to Q1.6)
- ○ Rain-water tank in yard (skip to Q1.6)
- ○ Neighbour's tap
- ○ Public/communal tap
- ○ Water-carrier/tanker
- ○ Water vendor
- ○ Borehole outside yard
- ○ Flowing water/stream/river
- ○ Stagnant water/dam/pool
- ○ Well
- ○ Spring
- ○ Other (specify)

5.6. How far is the water source from the dwelling or yard (200m is equal to the length of two football/soccer fields)?

- ○ Less than 200 metres
- ○ 201-500 metres
- ○ 502 metres- 1kilometre
- ○ More than 1 kilometre
- ○ Don't know

5.7. What type of toilet facility is used by this household?
- ○ Flush toilet connected to a public sewerage system
- ○ Flush toilet connected to a septic or conservancy tank
- ○ Pour flush toilet connected to a septic tank (or septage pit)
- ○ Chemical toilet
- ○ Pit latrine/toilet with ventilation pipe (VIP)
- ○ Pit latrine/toilet without ventilation pipe
- ○ Bucket toilet
- ○ Ecological sanitation systems (e.g. urine diversion)
- ○ Open defecation (e.g. no facilities, field, bush)
- ○ Other (specify)

5.8. Does this household presently have connection to electricity supply?
- ○ Yes, interconnected grid electricity
- ○ Yes, off grid (generator, solar, other electricity sources)
- ○ No

5.9. What is the main source of fuel used for cooking by this household?
- ○ Electricity from grid
- ○ Solar energy
- ○ Generator energy
- ○ Gas (LPG)
- ○ Paraffin
- ○ Wood
- ○ Coal
- ○ Animal dung
- ○ None
- ○ Other, specify.

5.10. [If Q1.9 main source of fuel for cooking= "electricity from grid"] If there is loadshedding, what alternative energy sources do you use for cooking?
- ○ Solar energy
- ○ Generator energy
- ○ Gas (LPG)
- ○ Paraffin
- ○ Wood
- ○ Coal
- ○ Animal dung
- ○ None
- ○ Other, specify.

5.11.   What is the main source of fuel used for lighting by this household?
- ○ Electricity from grid
- ○ Solar energy
- ○ Generator energy
- ○ Gas (LPG)
- ○ Paraffin
- ○ Candles
- ○ None
- ○ Other, specify.

5.12.   [If Q1.11 main source of fuel for lighting= "electricity from grid"] If there is loadshedding, what alternative energy sources do you use for lighting?
- ○ Solar energy
- ○ Generator energy
- ○ Gas (LPG)
- ○ Paraffin
- ○ Candles
- ○ Battery operated light
- ○ None
- ○ Other, specify.

5.13.   [If electricity from grid is main source of fuel for cooking (Q1.9) and lighting (Q1.11)] During loadshedding, what is the main alternative source of energy for you?
- ○ Generator
- ○ Inverter operated from batteries charged when there is grid electricity.
- ○ Inverter operated from batteries charged from solar panels and/or wind.
- ○ Battery operated equipment or power bank
- ○ None
- ○ Other, specify.

5.14.   Does the household have any of the following items in good working order?
- ☐ Television set
- ☐ Swimming pool
- ☐ DVD player/ Blu ray player
- ☐ Pay TV (M-Net/DSTV/ Top TV) Subscription
- ☐ Air ci\conditioner (excluding fans)
- ☐ Computer/Desktop/ laptop
- ☐ Vacuum cleaner/ floor polisher
- ☐ Dish washing machine
- ☐ Tumble dryer
- ☐ Fridge/Freezer
- ☐ Electric Stove/ Gas Stove
- ☐ Microwave Oven
- ☐ Built-ink Kitchen sink
- ☐ Home security service
- ☐ Home theatre system/ Hifi/Stereo
- ☐ Geyser (providing hot water)
- ☐ Landline telephone
- ☐ Cellphone smartphone
- ☐ Livestock
- ☐ Car or Bakkie

5.15.   How does this household mainly access internet?
- ○ From a network at home
- ○ From household members' cellphone(s)
- ○ From a network at work
- ○ From elsewhere (e.g. internet café)
- ○ No access to internet

5.16.   What kind of agricultural activity is the household involved in?

- ☐ Livestock production (cattle goats, sheep, pigs, etc)
- ☐ Poultry production (chickens, ducks, geese, guinea fowl, ostrich, etc)
- ☐ Vegetable production
- ☐ Production of crops (grains, fruits, sugarcane, etc)
- ☐ Fodder grazing /pasture/grass for animals
- ☐ Other
- ☐ None

5.17.   [IF LIVESTOCK PRODUCTION] which livestock and how many?
- ☐ Cattle ___
- ☐ Sheep___
- ☐ Goats___
- ☐ Pigs____
- ☐ Others____

5.18.   [IF DOING AGRIC ACTIVITY] where does this household operate its agricultural activities?

- ○ Farmland
- ○ Backyard
- ○ Communal or tribal land
- ○ Other

5.19.   Has any resident member of the household been a victim of any of these crimes in the past 12 months?
- ☐ None
- ☐ Theft
- ☐ Assault
- ☐ Murder
- ☐ Other crime

5.20.   How would the household classify its financial situation these days?
- ○ Very comfortable
- ○ Comfortable
- ○ Just getting by
- ○ Poor
- ○ Extremely poor

5.21.   In the last 12 months did you or other members of your household worry about not having enough food to eat because of a lack of money or other resources?
- ○ Yes
- ○ No
- ○ Don't know

5.22. In the last 12 months was there a time you or other members of your household were unable to eat healthy and nutritious food because of a lack of money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.23. In the last 12 months was there a time you or other members of your household ate only a few kinds of foods because of a lack of money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.24. In the last 12 months was there a time you or other members of your household had to skip a meal because there was not enough money or other resources to get food?
  ○ Yes
  ○ No
  ○ Don't know

5.25. In the last 12 months was there a time you or other members of your household ate less than you thought you should because of a lack of money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.26. In the last 12 months was there a time when your household ran out of food because of lack of money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.27. In the last 12 months was there a time you or other members of your household were hungry but did not eat because there was not enough money or other resources for food?
  ○ Yes
  ○ No
  ○ Don't know
  ○

5.28. In the last 12 months was there a time you or other members of your household went without eating for a whole day because of lack of money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.29. In the last 12 months did you ever cut the size of children's meals or did the children skip a meal because there was not enough money or other resources?
  ○ Yes
  ○ No
  ○ Don't know

5.30. [IF YES] How often?
  ○ Almost every month

    ○ Some months but not all
    ○ Only once or twice

Section 6: Household member Roster

6.1. Prepopulate household roster with all currently registered members of the household; full names [surname, first name, second name, DSID, date of birth (yyyy-mm-dd) and current age in years]

6.2. Provide space to add any new household members currently not on the prepopulated household roster [capture full names surname, first name, second name only, automatically generate a Temp ID for them, and allocate HMR form for each newly added member. For instance, for the first new additional member for household AB, generate AB-01, etc]

6.3. To check if there are any new household members to be added to the household roster, use the following probing questions to ensure you list all household members:

    6.3.1. Could you please tell me the names of all new members of your household not on the household roaster but who are 'currently' resident here?

    6.3.2. Could you please tell me the names of all new members of your household not on the household roaster but who are 'currently' not usually resident here?

    6.3.3. Are there any other people not on the household roster but who are usually resident with your household and usually eat together with your household, such as domestic workers?

    6.3.4. Has any person who had become a member of your household after [DATE of last visit] died or out-migrated and is not listed on the household roster?

6.4. [Prepopulate head of household at last visit] Has household head changed?
    ○ Yes
    ○ No

6.5. On which date did household head change? YYYY-MM-DD

6.6. [IF Household head changed] Who is the household head [Choose from list of the household roaster and link]