Sections: 11, Sub-sections: 17,
Questions: 162.
Questions with enabling conditions: 132
Questions with validation conditions:52
Rosters: 5
Variables: 25

Survey Solutions

GHS_2021_CATI

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

PREFILLED SECTION
No sub-sections, No rosters, Questions: 13.

AIM AND USE OF THE SURVEY
No sub-sections, No rosters, No questions, Static texts: 1.

OBJECTIVES OF THE SURVEY
No sub-sections, No rosters, No questions, Static texts: 1.

CONFIDENTIALITY CLAUSE
No sub-sections, No rosters, No questions, Static texts: 4.

PARTICULARS OF THE DWELLING UNIT
No sub-sections, Rosters: 1, Questions: 8, Static texts: 1, Variables: 5.

PARTICULARS OF THE HOUSEHOLD
No sub-sections, No rosters, Questions: 6.

DEMOGRAPHICS
No sub-sections, Rosters: 1, Questions: 7, Static texts: 1, Variables: 10.

PERSONAL RELATIONSHIPS
No sub-sections, Rosters: 1, Questions: 10, Variables: 1.

PART 1: PERSON FILE
Sub-sections: 10, Rosters: 1, Questions: 45, Static texts: 3.

PART 2: HOUSE FILE
Sub-sections: 6, No rosters, Questions: 63, Static texts: 4.

PART 3: SURVEY OFFICER QUESTIONS - RESULT CODES AND COMMENTS
Sub-sections: 1, Rosters: 1, Questions: 10, Static texts: 2, Variables: 9.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — INSTRUCTIONS

APPENDIX C — CATEGORIES

LEGEND

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

Basic information

Title	GHS_2021_CATI
Subtitle	General Household Survey 2019 (Quarter 2)

Survey information

Country	South Africa
Year	2019
Languages	English
Unit of analysis	Persons and Households

PREFILLED SECTION

Unique number of the dwelling unit	TEXT SCOPE: IDENTIFYING UQNO ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Dwelling unit reference number	NUMERIC: INTEGER DUNO_ref SCOPE: IDENTIFYING – .
Province in which the dwelling unit is located	SINGLE-SELECT Prov SCOPE: IDENTIFYING 01 ○ Western Cape 02 ○ Eastern Cape 03 ○ Northern Cape 04 ○ Free State 05 ○ KwaZulu-Natal 06 ○ North West 07 ○ Gauteng 08 ○ Mpumalanga 09 ○ Limpopo
Landline/cellphone ☎▯/▯ number of enumerated household	TEXT HhPhone SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Assigned questionnaire	TEXT Assigned SCOPE: HIDDEN ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
PSU Segment Number	TEXT PSUNO_Seg SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Dwelling Unit Number Methodology	TEXT DUNO_Meth SCOPE: HIDDEN ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
District Municipality in which dwelling unit is located	TEXT District_Name SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
District code in which the dwelling unit is located	TEXT District_Code SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Local Municipality in which the dwelling unit is located	TEXT LocalMunic SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Main place of the dwelling unit	TEXT MainPlace SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Sub-place of the dwelling unit	TEXT SubPlace SCOPE: IDENTIFYING ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄

Collection month of the interview	SINGLE-SELECT SCOPE: IDENTIFYING	Collection_month

SINGLE-SELECT
SCOPE: IDENTIFYING

Collection_month

01 ○ January
02 ○ February
03 ○ March
04 ○ April
05 ○ May
06 ○ June
07 ○ July
08 ○ August
09 ○ September
10 ○ October
11 ○ November
12 ○ December

AIM AND USE OF THE SURVEY

The aim of the GHS is to generate national indicators to measure the level of development and performance of various government programmes and projects. Where such indicators exist, the survey will act as a monitoring and evaluation tool. In the absence of indicators, the survey will provide information to identify indicators that could possibly be monitored in future.

OBJECTIVES OF THE SURVEY

STATIC TEXT

1.To generate national, provincial and metropolitan municipality development indicators that will measure the life circumstances of South African households and individuals

2. To monitor the performance of government departments countrywide and contribute information towards measuring the impact of their policies and programmes.

3.To provide information on the need, availability and use of services provided by government.

Thank you for agreeing to participate in this very important national initiative. I will try my best not to take too much of your valuable time.

CONFIDENTIALITY CLAUSE

STATIC TEXT

Statistics South Africa

STATIC TEXT

17(1) Despite any other law, no return or other information collected by Statistics South Africa for the purposes of official or other statistics that relates to an individual or a household may be disclosed to any person.

STATIC TEXT

17(3b) Any person who is involved in the collection of, or who may use, that information or data, must first take an oath of confidentiality.

STATIC TEXT

18(1e) & 18(1g) An officer of Statistics South Africa who wilfully discloses any data or information obtained in the course of such employment to a person not authorised to receive that information is guilty of an offence and liable on conviction to a fine not exceeding R10 000, or to imprisonment for a period not exceeding 6 months or to both.

PARTICULARS OF THE DWELLING UNIT

E `IsAnswered(HhPhone) && IsAnswered(DUNO_ref) && IsAnswered(Prov) && IsAnswered(UQNO)`

---

1. Date of interview	DATE: CURRENT TIME	Interview_Date

INTERVIEWER! Please indicate number of calls?	NUMERIC: INTEGER	Call_Attempt

I   For every call attempt select a higher value than earlier. Do not revise the number of calls to a smaller value! You will not be able to re-enter the earlier captured timestamp of the call!

E   `Interview_Date!=null`

V1   `RCALLS.Count(v=>v.@rowcode<(self-1) && v.callResult.InList(11))==0`

M1   You should not be recalling households after the completed call!

SPECIAL VALUES
01   First Call
02   Second Call
03   Third Call
04   Fourth Call

PARTICULARS OF THE DWELLING UNIT
Roster: %CALL_TITLE% CALL
generated by numeric question `Call_Attempt`   `Calls`

STATIC TEXT

E   `Calls.Count(v=>v.@rowcode<@rowcode && v.Call_Status.InList(7))!=0`

V1   `/* macro is not used here to facilitate copying */ Calls.Count(v=>v.@rowcode<@rowcode && v.Call_Status.InList(7))==0`

M1   Error! There should be no visits after a terminal visit.

Visitation logic check:

INTERVIEWER! Record the date and time of the call!	DATE: CURRENT TIME	Callstamp

V1   `(@rowcode==Calls.Min(x=>x.@rowcode)) || (self>Calls[@rowcode-1].Callstamp)`

M1   Error! The every call's timestamp must be later than the timestamp of the previous call!

VARIABLE	STRING	Call_title
`IsAnswered(Callstamp) ? Callstamp.ToString() : " "`		

---

2. Is this household still staying at the same dwelling unit(DU) as the previous year?	SINGLE-SELECT	SameHH

E   `Callstamp!=null`

01 ◯ YES
02 ◯ NO
03 ◯ NEVER STAYED AT SAMPLED DU
04 ◯ NOT APPLICABLE

---

3. Do you have the contact details of the new household occupying that dwelling unit (DU)?	SINGLE-SELECT	SameHH1

E   `SameHH==2`

01 ◯ YES
02 ◯ NO

---

4. Please provide me with the landline/cell phone ☎/ number.	TEXT	HhPhone_PrvDU

I   NB: THANK THE RESPONDENT AND CALL NEW NUMBER AND CONTINUE WITH THE INTERVIEW ON THE SAME QUESTIONNAIRE.

E   `SameHH1==1`

INTERVIEWER! What is the status of the call?	SINGLE-SELECT	Call_Status

INTERVIEWER! What is the status of the call?

I DO NOT ASK THIS QUESTION.
E `SameHH==1 || SameHH1==2 ||SameHH1==1 && IsAnswered(HhPhone_PrvDU)|| SameHH.InList(3,4)`
V1 `(SameHH==4 &&self.InList(3,5,6))||(SameHH==3 &&self==6)|| (SameHH==2 && SameHH1==2 &&self==7) || (SameHH==1 && self.InList(1,2,4)) || (SameHH==2 && SameHH1==1 && IsAnswered(HhPhone_PrvDU) && self.InLi` [And 12 other symbols [1]](#)
M1 Please verify you have selected the correct status of the call above.

SINGLE-SELECT — Call_Status

- 01 ○ START INTERVIEW
- 02 ○ REFUSED TO PARTICIPATE
- 03 ○ TELEPHONE NUMBER IS NOT VALID
- 04 ○ APPOINTMENT FOR A LATER DATE
- 05 ○ TELEPHONE NUMBER IS NOT ANSWERED
- 06 ○ TELEPHONE NUMBER IS WRONG
- 07 ○ HOUSEHOLD MOVED OUT OF DU (non contact)
- 08 ○ SAMPLED DWELLING CANNOT BE ACCESSED

Date of next call

E `Call_Status.InList(4,5)`
V1 `Interview_Date<=self`
M1 Planned next call CANNOT be before the interview date.

DATE — DateNextCall

....

VARIABLE
`Calls.Any(x => x.SameHH==1)`

BOOLEAN — SameDW

VARIABLE
`Calls.Any(x => x.SameHH1==1)`

BOOLEAN — ContactDetails

VARIABLE
`Calls.Any(x => x.Call_Status==1)`

BOOLEAN — Startinterview

VARIABLE
`Calls.Any(x => x.SameHH.InList(1,2,3,4))`

BOOLEAN — question2

PARTICULARS OF THE HOUSEHOLD

E `SameDW.GetValueOrDefault() && Startinterview.GetValueOrDefault() || ContactDetails.GetValueOrDefault()`

---

1. Total number of households at the selected dwelling

E	`Call_Attempt==1`
V1	`NoHholds.InRange(1,10)`
M1	You have entered zero or a value greater than 10, please verify.

NUMERIC: INTEGER   NoHholds

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - .`

---

2. Household number of this household

E	`NoHholds>=1`
V1	`HHNO<=NoHholds`
M1	Invalid household number.
V2	`self.InRange(1,10)`
M2	You have entered zero or a value greater than 10, please verify.

NUMERIC: INTEGER   HHNO

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - .`

---

3. Total number of persons ☐☐ in this household

E	`NoHholds>=1 && HHNO>=1`
V1	`NoPersons.InRange(1,30)`
M1	You have entered a value < 1 or > 30. Are you sure?

NUMERIC: INTEGER   NoPersons

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - .`

---

4. Do you have an alternative landline/cellphone ☎☐/☐ number for your household?

E	`IsAnswered(NoPersons)`

SINGLE-SELECT   HhPhone_other

01 ○ YES
02 ○ NO

---

5. What is the alternative landline/cellphone ☎☐/☐ number for your household?

E	`HhPhone_other==1`

TEXT   HhPhone_Alt

`.................................................................`

6.What is the household's email address?

I	Type "0" if ther's no email address in the household.
E	`HhPhone_other==2 || HhPhone_Alt!=null`

TEXT   email

`.................................................................`

DEMOGRAPHICS

E NoPersons>=1 && email!=null

First name and surname	LIST Firstname

I Type the first name and surname of each member of the household, st
arting with the head or acting head. If there is more than one head/acti
ng head, start with the oldest and only person who resides
And 128 other symbols [1]

E NoPersons>0
V1 Firstname.Length==NoPersons
M1 Error, not corresponding with total number of persons

Is there any other person residing in this household, other than those already mentioned, who is not present here?	SINGLE-SELECT Other_person 01 ◯ YES 02 ◯ NO

I If 'Yes' go back to record the person's information?
E Firstname!=null
V1 Other_person==2
M1 Go back to PARTICULARS OF HOUSEHOLD,
change the total number of persons and type the person's Firstname a
nd Surname.

DEMOGRAPHICS
Roster: PERSON ROSTER
generated by list question Firstname   Prsninf

E Other_person == 2

STATIC TEXT

DEMOGRAPHICS

D1: Has %rostertitle% stayed here (in this household) for at least four nights on average per week during the last four weeks?	SINGLE-SELECT Four_by_Four 01 ◯ YES 02 ◯ NO

I If answer is "NO", Go back to PARTICULARS OF HOUSEHOLD, change t
he total number of persons and delete this person's Firstname and Sur
name.

D2: Is %rostertitle% a male or a female?	SINGLE-SELECT Sex 01 ◯ MALE 02 ◯ FEMALE

I please make sure this question is completed
E Four_by_Four==1

D3: What is %rostertitle%'s date of birth?	DATE DOB

E IsAnswered(Sex)
V1 DOB<=Interview_Date
M1 Date conflict. The date of interview and date of birth do not have a logi
cal relationship.

D4: What is %rostertitle%'s age in completed years?	NUMERIC: INTEGER Age

I Age refers to the person's age at his/her last birthday, e.g. for a perso
n who is 35 years and 8 months old, enter "35". for a baby who is less t
han 12 months old, enter "0"
E IsAnswered(Sex)
V1 self==FullYearsBetween (DOB,Interview_Date)
M1 D.O.B or Recorded Age is incorrect, the correct calculated Age is %Cal
Age%. Please go back to verify D.O.B or Recorded Age.

D5: What population group does %rostertitle% belong to? I This question must be asked for all persons in the household. Remember that persons of different population groups do sometimes form part of the same household so you cannot assume the population grou And 50 other symbols [2] E `Age!=null && Compulsory.GetValueOrDefault()`	SINGLE-SELECT Population 01 ◯ BLACK AFRICAN 02 ◯ COLOURED 03 ◯ INDIAN/ASIAN 04 ◯ WHITE 05 ◯ OTHER
VARIABLE `Interview_Date.FullYearsSince(DOB)`	LONG CalAge
VARIABLE `Prsninf.Any(x => x. Age!= null && Four_by_Four!=null && Sex!=null)`	BOOLEAN Compulsory
VARIABLE `Prsninf.Any(x => x.HHC_FATH_ALIVE!=null)`	BOOLEAN Linking
VARIABLE `Prsninf.Any(x => x.Four_by_Four == 1)`	BOOLEAN anymember4x4
VARIABLE `Prsninf.Any(x => x.Age >= 10)`	BOOLEAN above9
VARIABLE `Prsninf.Any(x => x.Age <= 17)`	BOOLEAN Less18
VARIABLE `Prsninf.Any(x => x.Age >= 14)`	BOOLEAN above14
VARIABLE `Interview_Date.Value.Date.AddMonths(-0).ToString("MMMM")`	STRING IMonth
VARIABLE `Interview_Date.Value.Date.AddMonths(-1).ToString("MMMM")`	STRING EndMonth
VARIABLE `Interview_Date.Value.Date.AddYears(-5).ToString("YYYY")`	STRING StartYear

PERSONAL RELATIONSHIPS

E `Other_person!=null`

VARIABLE	BOOLEAN	LinkingRosters
`Prsninf.All(x => x.Population!=null)`		

PERSONAL RELATIONSHIPS
Roster: RELATIONSHIP
generated by list question `Firstname`

RELAT

E `LinkingRosters.GetValueOrDefault()`

HHC1: What is %rostertitle%'s relationship to the head of the household?

I i.e. the first person on the household roster.
E `LinkingRosters.GetValueOrDefault()`
V1 `((Prsninf.Count(x=>x.HHC_RELATIONSHIP==1)==1)) || ((Prsninf.Count(x=>x.HHC_RELATIONSHIP==1)>1) && HHC_RELATIONSHIP!=1) && (!((Prsninf.Count(x=>x.HHC_RELATIONSHIP==1)==0)))`
M1 Invalid relationship. List the head/acting head of the household first on the roster. Ensure there is only one head/acting head and every household should have a head/acting head.

SINGLE-SELECT HHC_RELATIONSHIP

- 01 ◯ Head/acting head
- 02 ◯ Husband/wife/partner of household head
- 03 ◯ Son/daughter/stepchild/adopted child of household head
- 04 ◯ Brother/sister/stepbrother/stepsister of household head
- 05 ◯ Father/mother/stepfather/stepmother of household head
- 06 ◯ Grandparent/great grandparent of household head
- 07 ◯ Grandchild/great grandchild of household head
- 08 ◯ Other relative (e.g. in-laws or aunt/uncle) of household head
- 09 ◯ Non-related persons

HHC2: What is %rostertitle%'s present marital status?

E `HHC_RELATIONSHIP!=null && Compulsory.GetValueOrDefault()`
V1 `(HHC_RELATIONSHIP==2 && HHC_MARITAL.InList(1,2)) || (HHC_RELATIONSHIP!=2)`
M1 Invalid selection, a husband/wife/partner should be married or living together with a partner.
V2 `(Age<13 && HHC_MARITAL.InList(7)) || (Age>12 && HHC_MARITAL.InList(1,2,3,4,5,6,7))`
M2 Invalid selection, person (%rostertitle%) is too young for option selected

SINGLE-SELECT HHC_MARITAL

- 01 ◯ Legally married (include customary, traditional, religeous etc.)
- 02 ◯ Living together like husband and wife/partners
- 03 ◯ Divorced
- 04 ◯ Separated, but still legally married
- 05 ◯ Widowed
- 06 ◯ Single, but have lived together with someone as husband/wife/partners before
- 07 ◯ Single and have never been married/never lived together as husband/wife before

---

HHC3: Does %rostertitle%'s spouse/partner live in this household?

E `HHC_MARITAL.InList(1,2) && Compulsory.GetValueOrDefault()`

SINGLE-SELECT SPOUSE

- 01 ◯ Yes
- 02 ◯ No

HHC4: Which person is the spouse/partner of %rostertitle%?

F `Age>=12 && @current.@rowcode!=@rowcode`
E `SPOUSE==1 && Compulsory.GetValueOrDefault() && NoPersons>1`

SINGLE-SELECT: LINKED SPOUSE_NAME

HHC5: Is %rostertitle%'s biological father still alive? E `Compulsory.GetValueOrDefault()`	SINGLE-SELECT HHC_FATH_ALIVE 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
HHC6: Is %rostertitle%'s biological father part of this household? E `HHC_FATH_ALIVE == 1`	SINGLE-SELECT HHC_FATH_PARTHH 01 ◯ YES 02 ◯ NO
HHC7: Which person is %rostertitle%'s biological father? I This question is only applicable to persons whose biological father is still alive. F `Sex==1 && @current.@rowcode!=@rowcode && Age>=(@current.Age+12)` E `HHC_FATH_PARTHH==1 && Compulsory.GetValueOrDefault()` V1 `@rowcode!=self[0]` M1 A person cannot be his/her own father. Please select another household member.	SINGLE-SELECT: LINKED HHC_FATH_NAME
HHC8: Is %rostertitle%'s biological mother still alive? E `Compulsory.GetValueOrDefault()`	SINGLE-SELECT HHC_MOTH_ALIVE 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
HHC9: Is %rostertitle%'s biological mother part of this household? E `HHC_MOTH_ALIVE == 1 && Compulsory.GetValueOrDefault()`	SINGLE-SELECT HHC_MOTH_PARTHH 01 ◯ YES 02 ◯ NO
HHC10: Which person is %rostertitle%'s biological mother? I This question is only applicable to persons whose biological mother is still alive. F `Sex==2 && @current.@rowcode!=@rowcode && Age>=(@current.Age+12)` E `HHC_MOTH_PARTHH==1 && Compulsory.GetValueOrDefault()` V1 `HHC_MOTH_NAME!=HHC_FATH_NAME` M1 Error, person selected on HHC6 cannot be selected again V2 `@rowcode!=self[0]` M2 A person cannot be his/her own mother. Please select another household member.	SINGLE-SELECT: LINKED HHC_MOTH_NAME

PART 1: PERSON FILE

E `Linking.GetValueOrDefault() && anymember4x4.GetValueOrDefault()`

PART 1: PERSON FILE
Roster: PERSON CHARACTERISTICS ROSTER
generated by list question `Firstname`

E `$fourbyfour`

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER
EDUCATION

STATIC TEXT

HIGHEST LEVEL OF EDUCATION

### EDU1: What is the highest level of education that %rostertitle% has successfully completed? E `Four_by_Four==1` V1 `(Age<=15 && self.InList(0,1,2,3,4,5,6,7,8,9,10,11,12,28, 29,98)) || (Age>15 && Education.InRange(0,98))` M1 Please check, respondent too young to have completed a tertiary education.	SINGLE-SELECT Education 98 ○ NO SCHOOLING 00 ○ GRADE R/0 01 ○ GRADE 1/SUB A/CLASS 1 02 ○ GRADE 2 /SUB B/CLASS 2 03 ○ GRADE 3/STANDARD 1/ABET/AET 1 04 ○ GRADE 4/STANDARD 2 05 ○ GRADE 5/STANDARD 3/ABET/AET 2 06 ○ GRADE 6/STANDARD 4 07 ○ GRADE 7/STANDARD 5/ABET/AET 3 08 ○ GRADE 8/STANDARD 6/FORM 1 09 ○ GRADE 9/STANDARD 7/FORM 2/ABET/AET 4/OCCUPATIONAL CERTIFICATE/ NQF Level 1 10 ○ GRADE 10/STANDARD 8/FORM 3/NCV Level 2/ OCCUPATIONAL CERTIFICATE/ NQF Level 2 11 ○ GRADE 11/STANDARD 9/FORM 4/NCV Level 3/ OCCUPATIONAL CERTIFICATE/NQF Level 3 12 ○ GRADE 12/STANDARD 10/FORM 5/NATIONAL SENIOR CERTIFICATE/MATRIC/NCV LEVEL 4/ OCCUPATIONAL CERTIFICATE/NQF LEVEL 4 13 ○ NTC I/N1/NQF 1 14 ○ NTC II/N2/NQF 2 [And 15 other symbols [1]](#)

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / EDUCATION
EARLY CHILDHOOD DEVELOPMENT (SIX YEARS AND YOUNGER)

E `Age<=6`

ECD1: Which of the following does %rostertitle% currently attend ?	SINGLE-SELECT	ECD_CHLDATT
	01 ◯ Grade R	
	02 ◯ Pre-school/nursery school/Grade 00/Grade 000	
	03 ◯ Creche/ educare centre	
	04 ◯ Day-mother/gogo	
	05 ◯ Home based play group	
	06 ◯ School (Grade 1 or 2)	
	07 ◯ NONE	
	08 ◯ DO NOT KNOW	
	09 ◯ OTHER	

ECD2: If not attending any of the centres mentioned previously, where is %rostertitle% during the day for most of the time? E ECD_CHLDATT.InList(7,8,9)	SINGLE-SELECT	ECD_NOTATT
	01 ◯ At home with parent, foster parent or guardian	
	02 ◯ At home with another adult	
	03 ◯ At home with someone younger than 18	
	04 ◯ At someone else's dwelling	
	05 ◯ Other	

ECD3: What is the main reason for %rostertitle% for not attending Grade R, Pre-school/nursery school/Grade 00/Grade 000/Crèche/educare centre? E ECD_CHLDATT.InList(4,5,7,8,9)	SINGLE-SELECT	ECD_NOTATT_RSN
	01 ◯ Prefer that the child stay at home/with someone else	
	02 ◯ These facilities do not exist in our area	
	03 ◯ The facility he/she attended closed down due to COVID-19	
	04 ◯ Concerned for his/her safety and do not want expose him/her to the virus	
	05 ◯ Do not want to risk the health of other household members	
	06 ◯ Too expensive	
	07 ◯ Do not have adequate transport	
	08 ◯ OTHER	

ECD4: Does the household pay any fees for %rostertitle% to be cared for, or to attend an ECD facility? If yes, how much is paid per month? E ECD_CHLDATT<=6	SINGLE-SELECT	ECD_FEES
	00 ◯ NONE	
	01 ◯ R1 - R100	
	02 ◯ R101 - R200	
	03 ◯ R201 - R300	
	04 ◯ R301 - R500	
	05 ◯ R501 - R1000	
	06 ◯ R1001 - R2000	
	07 ◯ More than R2000	
	08 ◯ DO NOT KNOW	

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / EDUCATION

LITERACY AND EDUCATION (FIVE YEARS AND OLDER)

E Age>=5

STATIC TEXT

ATTENDING AN EDUCATIONAL INSTITUTION

EDU2: Is %rostertitle% currently attending an educational institution, even if he/she is presently learning from home and not physically attending classes?	SINGLE-SELECT EDU_ATTEND
I e.g.school,university,home school,Early Childhood Development Centre (ECD), day care,creche,pre-school,distance/correspondence education. Only include courses of six months and longer. F Age>=5	01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW

EDU3: What is the main reason why %rostertitle% is not currently attending an educational institution?	SINGLE-SELECT EDU_RSNN
E EDU_ATTEND==2 && Age>=5 V1 (Sex==1 && self!=12) || (Sex==2) M1 Invalid selection only females can select "pregnancy"	01 ◯ Too old/young 02 ◯ Has completed education/satisfied with my level of education/do not want to study 03 ◯ School/education institution is too far 04 ◯ Difficulties to get to school (transport) 05 ◯ No money for fees 06 ◯ He or she is working at home or business/job 07 ◯ COVID-19 08 ◯ Family commitment (e.g child minding) 09 ◯ Education is useless or not interesting 10 ◯ Unable to perform at school 11 ◯ Illness 12 ◯ Pregnancy 13 ◯ Failed exams 14 ◯ Got married 15 ◯ Disability 16 ◯ Violence in school And 3 other symbols [2]

EDU4: Which of the following educational institutions does %rostertitle% attend?	SINGLE-SELECT EDU_EDUI
E EDU_ATTEND==1 && Age>=5 V1 (Age<=6 && Education.InList(98,0,1,28) && self.InList(1,2,8,9)) || (Age>6 && Education.InList(0,1,2,3,4,5,6,7,8,9,10,11,12,19,20,28,98) && self.InList(2,8,9)) ||(Age>=18 && Education.InList(0,1,2,3,4 And 150 other symbols [3] M1 Educational institution being attended is not consistent with the highest level of education attained	01 ◯ Pre-school (including ECD centre,e.g day care,creche,play group,nursery school or pre_primary school) 02 ◯ School (Including Grade R to Grade 12 learners who attend a formal school) 03 ◯ Adults Education and Training Learning Centres (AET Centres) 04 ◯ Literacy classes (e.g Kha Ri Gude) 05 ◯ Higher Educational Institution (University/University of Technology) 06 ◯ Technical and Vocational Education and Training (TVET) College 07 ◯ Other College 08 ◯ Home based education/home schooling (not done by school or other educational institution in response to COVID-19 lockdown 09 ◯ Other than any of the above

EDU5: Is the institution that %rostertitle% is attending public or private? E EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1	SINGLE-SELECT EDU_PPRIV 01 ◯ PUBLIC (Government) 02 ◯ PRIVATE (Independent) 03 ◯ DO NOT KNOW
EDU6: Is it a correspondence/ distance educational institution? I The student studies by post/via the internet (e.g. UNISA) in a correspondence/distance institution.This does not include schools and educational facilities that are forced to conduct remote learning E EDU_PPRIV!=null	SINGLE-SELECT EDU_CORR 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
EDU7: Does the educational institution/school at which %rostertitle% is enrolled offer a remote or home schooling option? E EDU_CORR.InList(2,3)	SINGLE-SELECT EDU_homesch 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
EDU8: During the past school calendar week (Monday to Friday), how often has %rostertitle% physically attended classes at the school / educational institution that he/she is attending? E EDU_homesch.InList(1,2,3)	SINGLE-SELECT EDU_Attfreq 01 ◯ Every day 02 ◯ Four days 03 ◯ Three days 04 ◯ Two days 05 ◯ One day 06 ◯ Never 07 ◯ Never, but attending classes every second week 08 ◯ Never, prefer to participate in remote learning 09 ◯ Not applicable - school closed (e.g. school holiday, or COVID lockdown)
EDU9: Is %rostertitle% participating in the home schooling/learning? E EDU_homesch==1	SINGLE-SELECT EDU_homesch_part 01 ◯ Yes 02 ◯ No 03 ◯ Do not know
EDU10: Does %rostertitle% have access to the following resources to assist him/her with distance learning? I The item should be in working order. E EDU_homesch_part==1 V1 self.Yes.Length + self.No.Length == 4 M1 Provide a response for all items	MULTI-SELECT: YES/NO EDU_HOMESCH_ASSIST 01 ☐ / ☐ Smart phone 02 ☐ / ☐ Computer/ Desktop/ Laptop 03 ☐ / ☐ Tablet computer (e.g. iPad) 04 ☐ / ☐ Printed materials provided by schools
EDU11: During this academic year, has %rostertitle% benefited from any fee reductions and/or partial bursaries? E EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1	SINGLE-SELECT EDU_BURS 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW

EDU12: What is the total amount of tuition fees paid by this household for %rostertitle% this year?	SINGLE-SELECT EDU_TOTFEES
	00 ◯ NONE
I Add expenses made to date as well as expected expenses for the remainder of the year. Do not include cost of uniforms, books and other learning materials, accommodation fees, sport fees, and transport [And 6 other symbols [4]](#)	01 ◯ R 1-R 100
	02 ◯ R 101-R 200
	03 ◯ R 201-R 300
E `EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	04 ◯ R 301-R 500
	05 ◯ R 501-R 1 000
	06 ◯ R 1 001-R 2 000
	07 ◯ R 2 001-R 3 000
	08 ◯ R 3 001-R 4 000
	09 ◯ R 4 001-R 8 000
	10 ◯ R 8 001-R 12 000
	11 ◯ R 12 001-R 16 000
	12 ◯ R 16 001-R 20 000
	13 ◯ More than R 20 000
	14 ◯ DO NOT KNOW

EDU13: If no fees were paid for education, why were no fees paid?	SINGLE-SELECT EDU_NOFEES
	01 ◯ Cannot afford to pay
E `EDU_TOTFEES==0 && EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	02 ◯ Do not want to pay
	03 ◯ No fee school /school did not ask for fees
	04 ◯ Got a fee exemption
	05 ◯ Got a bursary covering all costs
	06 ◯ School did not offer a service
	07 ◯ Could not afford to pay due to COVID-19 related loss of income
	08 ◯ Other

EDU14: Which grade is %rostertitle% currently attending?	SINGLE-SELECT EDU_GRDE
	00 ◯ GRADE R/0
E `EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1`	01 ◯ GRADE 1
V1 `(Education==98 && EDU_GRDE ==0)||( Education ==0 && EDU_GRDE==1) || (Education ==1 && EDU_GRDE==2)||( Education ==2 && EDU_GRDE ==3) || (Education ==3 && EDU_GRDE ==4)||( Education ==4 && EDU_GRDE ==5` [And 304 other symbols [4]](#)	02 ◯ GRADE 2
	03 ◯ GRADE 3
	04 ◯ GRADE 4
M1 Error, current grade does not correspond with highest level of education	05 ◯ GRADE 5
	06 ◯ GRADE 6
	07 ◯ GRADE 7
	08 ◯ GRADE 8
	09 ◯ GRADE 9
	10 ◯ GRADE 10
	11 ◯ GRADE 11
	12 ◯ GRADE 12/MATRIC
	13 ◯ NC(V) Level 2 (N1/NTC 1)
	14 ◯ NC(V) Level 3 (N1/NTC 2)
	15 ◯ NC(V) Level 4 (N1/NTC 3)
	[And 1 other symbols [3]](#)

EDU15: Is %rostertitle% doing the same grade that he/she did last year or before?	SINGLE-SELECT EDU_SAME
	01 ◯ YES
E `Age>=5 && EDU_ATTEND==1 && EDU_EDUI==2`	02 ◯ NO
	03 ◯ DO NOT KNOW

EDU16: Does %rostertitle% attend a school where food is given as part of the school feeding scheme/Government nutrition program? E `EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1`	SINGLE-SELECT EDU_FOOD 01 ⭘ YES 02 ⭘ NO 03 ⭘ DO NOT KNOW
EDU17: Does %rostertitle% eat the food provided as part of the school feeding scheme or Government nutrition program? I If yes, specify how regularly food is eaten. E `EDU_FOOD==1 && EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1`	SINGLE-SELECT EDU_EATFOOD 01 ⭘ No 02 ⭘ Yes, every day 03 ⭘ Yes, a few times a week 04 ⭘ Yes, sometimes 05 ⭘ DO NOT KNOW

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER
HEALTH AND GENERAL FUNCTIONING

HLT1: Is %rostertitle% covered by medical aid or medical benefit scheme or other private health insurance? I If the person is a dependent and covered by someone else's scheme, the answer is "Yes"	SINGLE-SELECT HLT_MEDI 01 ⭘ YES 02 ⭘ NO 03 ⭘ DO NOT KNOW
HLT2: Has a doctor or other health care provider ever told %rostertitle% that he/she has COVID-19?	SINGLE-SELECT HLT_COVID_POSTEST 01 ⭘ Yes 02 ⭘ No 03 ⭘ Do not know
HLT3: Has a doctor/nurse/other health care worker at a clinic/hospital/private practice ever told %rostertitle% that he/she has/had any of the following? I Read all the options. E `HLT_COVID_POSTEST!=null` V1 `self.Yes.Length + self.No.Length == 5` M1 Provide an answer for all items	MULTI-SELECT: YES/NO HLT_CHRONIC_TYPE 01 ☐ / ☐ Asthma 02 ☐ / ☐ Diabetes 03 ☐ / ☐ Hypertension/high blood pressure 04 ☐ / ☐ Stroke 05 ☐ / ☐ Tuberculosis

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / HEALTH AND GENERAL FUNCTIONING
PREGNANCY
E `Age<=50 && Age>=12 && Sex==2`

HLT4: Has %rostertitle% been pregnant during the past 12 months? E `Age<=50 && Age>=12 && Sex==2`	SINGLE-SELECT HLT_PREG 01 ⭘ YES 02 ⭘ NO 03 ⭘ DO NOT KNOW

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / HEALTH AND GENERAL FUNCTIONING
GENERAL FUNCTIONING
E `Age>=5`

DSB1: Does %rostertitle% have difficulty in seeing (even with glasses, if he/she wears them)? I Read all the options except "DO NOT KNOW".	SINGLE-SELECT DSB_SEE 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW
DSB2: Does %rostertitle% have difficulty in hearing (even with a hearing aid, if he/she wears one)? I Read all the options except "DO NOT KNOW". E DSB_SEE!=null	SINGLE-SELECT DSB_HEA 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW
DSB3: Does %rostertitle% have difficulty in walking a kilometer or climbing a flight of steps? I Read all the options except "DO NOT KNOW". E DSB_HEA!=null	SINGLE-SELECT DSB_WAL 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW
DSB4: Does %rostertitle% have difficulty in remembering and concentrating? I Read all the options except "DO NOT KNOW". E DSB_WAL!=null	SINGLE-SELECT DSB_REM 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW
DSB5: Does %rostertitle% have difficulty with self-care, such as washing or dressing? I Read all the options except "DO NOT KNOW". E DSB_REM!=null	SINGLE-SELECT DSB_SEL 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW
DSB6: Does %rostertitle% have difficulty in communicating in his/her usual language including sign language? I Read all the options except "DO NOT KNOW". E DSB_SEL!=null	SINGLE-SELECT DSB_COM 01 ◯ No difficulty 02 ◯ Some difficulty 03 ◯ A lot of difficulty 04 ◯ Cannot do at all / unable to do 05 ◯ DO NOT KNOW

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER
SOCIAL GRANTS
E HLT_MEDI!=null

SOC1: Does %rostertitle% receive a social grant or social relief assistance from the Government? E HLT_MEDI!=null	SINGLE-SELECT SOC_GRANT 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW

SOC2: Does %rostertitle% receive the following grant:

I Read all the options.
E SOC_GRANT == 1
V1 (self.Yes.Contains(1) && Age >= 60) || (self.Yes.Contains(2) && Age.InRange(18,59)) || (self.Yes.Contains(3) && Age.InRange(0,17)) || (self.Yes.Contains(4) && Age.InRange(0,17)) || (self.Yes.Contains And 101 other symbols [2]
M1 Invalid grant, please confirm if the type of grant corresponds with the AGE!
V2 self.Missing.Length==0
M2 Please answer all options

MULTI-SELECT: YES/NO   SOC_GRANT_TYPE

01 ☐ / ☐ Old age grant (60-74: R1 860; 75+: R1 880)
02 ☐ / ☐ Disability grant (18-59: R1 860)
03 ☐ / ☐ Child support grant (R440, and R450 from 1 October 2020)
04 ☐ / ☐ Care-dependency grant (R1 860)
05 ☐ / ☐ Foster care grant (R1040)
06 ☐ / ☐ War Veteran's grant (R1 880)
07 ☐ / ☐ Grant-in-Aid (R440 April-September; R450 from 1 October)
08 ☐ / ☐ Special COVID-19 Social relief of distress grant (R350)

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER
ECONOMIC ACTIVITY

E Age >= 15 && IsAnswered(SOC_GRANT)

STATIC TEXT

E Age >= 15 && IsAnswered(SOC_GRANT)

Now, I am going to ask you questions on economic activities.

LAB1: In the last week (Monday to Sunday) did %rostertitle% work for a wage, salary, commission or any payment in kind (including paid domestic work), even if it was for only one hour?

I Examples: a regular job, contract, casual or piece work for pay, work in exchang
E Age >= 15 && IsAnswered(SOC_GRANT)

SINGLE-SELECT   LAB_WGE
01 ○ YES
02 ○ NO

LAB2: In the last week (Monday to Sunday) did %rostertitle% run or do any kind of business, big or small, for himself/herself or with one or more partners, even if it was for only one hour?

I Examples: Commercial farming, selling things, making things for sale, construction, repairing things, guarding cars, brewing beer, collecting wood or water for sale, hairdressing, crèche businesses, t And 123 other symbols [3]
E LAB_WGE!=null

SINGLE-SELECT   LAB_BUS
01 ○ YES
02 ○ NO

LAB3: In the last week (Monday to Sunday) did %rostertitle% help without being paid in any kind of business, run by his/her household even if it was for only one hour?

I Examples: Commercial farming, production of agricultural produce to sell, help to sell things, make things for sale or exchange, doing the accounts, cleaning up for the business, etc.
E LAB_BUS!=null

SINGLE-SELECT   LAB_VOL
01 ○ YES
02 ○ NO

LAB4: In the last week (Monday to Sunday) even though %rostertitle% did not do any work for pay or profit, does %rostertitle% have a job or business that he/she would definitely return to?

E CountValue(2,LAB_WGE,LAB_BUS,LAB_VOL) == 3

SINGLE-SELECT   LAB_RET
01 ○ YES
02 ○ NO

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / ECONOMIC ACTIVITY
EMPLOYED

E CountValue(1,LAB_WGE,LAB_BUS,LAB_RET)>=1

LAB5: Is %rostertitle%'s willing to provide the amount she/he earns? E `CountValue(1,LAB_WGE,LAB_BUS,LAB_RET)>=1`	SINGLE-SELECT LAB_AMOUNT 01 ◯ YES 02 ◯ NO
LAB6: What is %rostertitle%'s total salary/pay at his/her main job? E `LAB_AMOUNT==1` V1 `LAB_STO < 99999998 && LAB_STO>0` M1 Error, please check if correct salary amount is given	NUMERIC: INTEGER LAB_STO ------------------------------
LAB7: Is this salary .... E `LAB_AMOUNT==1`	SINGLE-SELECT LAB_SALPER 01 ◯ Per week 02 ◯ Per month 03 ◯ Annualy
LAB8: Please estimate the salary/pay of %rostertitle% for his/her main job I Ask if the respondent was not willing to give an amount. Show prompt card 3 and mark the applicable code E `LAB_AMOUNT==2`	SINGLE-SELECT LAB_SALC 01 ◯ R1-R50 per week | R1-R200 per month | R1 -R2 400 per annum 02 ◯ R51-R125 per week | R201-R500 per month | R2 401 -R6 000 per annum 03 ◯ R126-R250 per week | R501-R1 000 per month | R6 001 -R12 000 per annum 04 ◯ R251-R375 per week | R1 001-R1 500 per month | R12 001 -R18 000 per annum 05 ◯ R376-R625 per week | R1 501-R2 500 per month | R18 001-R30 000 per annum 06 ◯ R626-R875 per week | R2 501-R3 500 per month | R30 001 -R42 000 per annum 07 ◯ R876-R1 125 per week | R3 501-R4 500 per month | R42 001 -R54 000 per annum 08 ◯ R1 126-R1 500 per week | R4 501-R6 000 per month | R54 001 -R72 000 per annum 09 ◯ R1 501-R2 000 per week | R6 001-R8 000 per month | R72 001 -R96 000 per annum 10 ◯ R2 001-R2 750 per week | R8 001-R11 000 per month | R96 001 -R132 000 per annum 11 ◯ R2 751-R4 000 per week | R11 001-R16 000 per month | R132 001 -R192 000 per annum 12 ◯ R4 001-R7 500 per week | R16 001-R30 000 per month | R192 001 -R360 000 per annum 13 ◯ R7 501 or more per week | R30 001 or more per month | R360 001 or more per annum 14 ◯ DO NOT KNOW 15 ◯ REFUSED

PART 1: PERSON FILE / PERSON CHARACTERISTICS ROSTER / ECONOMIC ACTIVITY
UNEMPLOYED

E `CountValue(2,LAB_WGE,LAB_BUS,LAB_VOL,LAB_RET) == 4`

LAB9: In the last four weeks, was %rostertitle% looking for any kind of job or trying to start any type of business? E CountValue(2,LAB_WGE,LAB_BUS,LAB_VOL,LAB_RET) == 4	SINGLE-SELECT LAB_LOOK 01 ◯ YES 02 ◯ NO
LAB10: Would %rostertitle% have liked to work during the last week? E LAB_LOOK == 2	SINGLE-SELECT LAB_START 01 ◯ YES 02 ◯ NO
LAB11: What was the main reason why %rostertitle% did not try to find work or start a business in the last four weeks? E LAB_LOOK == 2 && LAB_START == 1 V1 (Sex==1 && self!=4) || (Sex==2) M1 Invalid selection only females can select "pregnancy"	SINGLE-SELECT LAB_RNSW 01 ◯ Awaiting the season for work 02 ◯ Waiting to be recalled from a job 03 ◯ Health reasons 04 ◯ Pregnancy 05 ◯ Disabled or Unabled to work (handicapped) 06 ◯ Housewife/ Homemaker (family considerations/ child care) 07 ◯ Undergoing training to help find work 08 ◯ No jobs available in the area 09 ◯ Lack of money to pay for transport to look for work 10 ◯ Unable to find work requiring his/ her skills 11 ◯ Lost hope in finding an kind of work 12 ◯ No transport available 13 ◯ Scholar or student 14 ◯ Retired 15 ◯ Too old/ young to work 16 ◯ Did not want to work And 1 other symbols [4]
LAB12: If a suitable job had been offered or circumstances had allowed, would %rostertitle% have been able to start work or a business in the last week (Monday to Sunday)? E LAB_START != 2	SINGLE-SELECT LAB_ACCJOB 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW

PART 2: HOUSE FILE

E `NoPersons>=1 && anymember4x4.GetValueOrDefault() && above9.GetValueOrDefault()`

HOUSING

HSG1: Indicate the type of main dwelling that the household occupies.	SINGLE-SELECT	HSG_MAIND
	01 ○ DWELLING/HOUSE OR BRICK/CONCRETE BLOCK STRUCTURE ON A SEPARATE STAND OR YARD OR ON FARM	
	02 ○ TRADITIONAL DWELLING/HUT/STRUCTURE MADE OF TRADITIONAL MATERIALS	
	03 ○ FLAT OR APARTMENT IN A BLOCK OF FLATS	
	04 ○ CLUSTER HOUSE IN COMPLEX	
	05 ○ TOWN HOUSE (SEMI-DETACHED HOUSE IN COMPLEX)	
	06 ○ SEMI-DETACHED HOUSE	
	07 ○ DWELLING/HOUSE/FLAT/ROOM IN BACKYARD	
	08 ○ INFORMAL DWELLING/SHACK IN BACKYARD	
	09 ○ INFORMAL DWELLING/SHACK NOT IN BACKYARD, E.G. IN AN INFORMAL/SQUATTER SETTLEMENT OR ON FARM	
	10 ○ ROOM/FLATLET ON A PROPERTY OR LARGE DWELLING /SERVANTS' QUARTERS/GRANNY FLAT	
	11 ○ CARAVAN/TENT	
	12 ○ OTHER	

HSG2: What is the main material used for the walls of the main dwelling?	SINGLE-SELECT	HSG_WALLS
E `HSG_MAIND!=null`	01 ○ BRICKS	
	02 ○ CEMENT BLOCK/CONCRETE	
	03 ○ CORRUGATED IRON/ZINC	
	04 ○ WOOD	
	05 ○ PLASTIC	
	06 ○ CARDBOARD	
	07 ○ MUD AND CEMENT MIX	
	08 ○ WATTLE AND DAUB	
	09 ○ MUD	
	10 ○ THATCHING/GRASS	
	11 ○ ASBESTOS	
	12 ○ OTHER	

HSG3: What is the main material used for the roof of the main dwelling? E `HSG_WALLS!=null`	SINGLE-SELECT HSG_ROOF 01 ○ CEMENT BLOCK/CONCRETE 02 ○ CORRUGATED IRON/ZINC 03 ○ WOOD 04 ○ PLASTIC 05 ○ CARDBOARD 06 ○ MUD AND CEMENT MIX 07 ○ WATTLE AND DAUB 08 ○ TILE 09 ○ MUD 10 ○ THATCHING/GRASS 11 ○ ASBESTOS 12 ○ OTHER
HSG4: How many rooms in total does this household occupy? Including Lounges, dining rooms, kitchens, living rooms, bedrooms, bathrooms and toilets, but not outside toilets/font> E `HSG_ROOF!=null`	NUMERIC: INTEGER HSG_RM_TOT ‒ .
HSG5: What is the tenure status of the dwelling that the household occupies at present? E `HSG_RM_TOT!=null`	SINGLE-SELECT HSG_TENURE 01 ○ Rented from private individual 02 ○ Rented from other (incl municipality and social housing institutions) 03 ○ Owned, but not yet paid off to bank/financial institution 04 ○ Owned, but not yet paid off to private lender 05 ○ Owned and fully paid off 06 ○ Occupied rent-free 07 ○ OTHER 08 ○ DO NOT KNOW
HSG6: Is the dwelling you live in, or has it ever been, an RDP or state subsidised dwelling? I Do not include housing subsidies for government employees. E `HSG_TENURE!=null`	SINGLE-SELECT HSG_RDP 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW

STATIC TEXT

E `HSG_MAIND!=null`

WATER

WAT1: What is the household's main source of drinking water? E HSG_MAIND!=null	SINGLE-SELECT WAT_DRINKWAT 01 ○ Piped (tap) water in dwelling/house 02 ○ Piped (tap) water in yard 03 ○ Borehole in yard 04 ○ Rain-water tank in yard 05 ○ Neighbour's tap 06 ○ Public/communal tap 07 ○ Water-carrier/tanker 08 ○ Water vendor (charge involved) 09 ○ Borehole outside yard 10 ○ Flowing water/stream/river 11 ○ Stagnant water/dam/pool 12 ○ Well 13 ○ Spring 14 ○ OTHER
WAT2: How far is the water source from the dwelling or yard? I Note that 200m is equal to the length of two football/soccer fields. E WAT_DRINKWAT >= 5	SINGLE-SELECT WAT_DIST 01 ○ Less than 200 metres 02 ○ 201 - 500 metres 03 ○ 501 metres - 1 kilometre 04 ○ More than 1 kilometre 05 ○ DO NOT KNOW
WAT3: Is the household main source of drinking water supplied by a municipality? E WAT_DRINKWAT!=null	SINGLE-SELECT WAT_MUN_SOURCE 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW
WAT4: Has this household municipal water supply been interrupted at any time during the last 12 months? E WAT_MUN_SOURCE==1	SINGLE-SELECT WAT_INTE_12mth 01 ○ YES 02 ○ NO
WAT5: Thinking about the interruptions in your municipal water supply over the last 12 months, was any specific interruption longer than two days? E WAT_MUN_SOURCE==1 && WAT_INTE_12mth==1	SINGLE-SELECT WAT_INTE_2days 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW
WAT6: If you add all the days that your municipal water supply was interrupted over the last 12 months, was it more than 15 days in total? E WAT_INTE_12mth==1	SINGLE-SELECT WAT_INTE_15DAYS 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW

STATIC TEXT

E WAT_DRINKWAT!=null

SANITATION

SAN1: What type of toilet facility is used by this household? E `WAT_DRINKWAT!=null`	SINGLE-SELECT SAN_TOIL 01 ○ Flush toilet connected to a public sewerage system 02 ○ Flush toilet connected to a septic or conservancy tank 03 ○ Pour bucket-flush toilet connected to a septic tank (or seepage pit) 04 ○ Chemical toilet 05 ○ Pit latrine/toilet with ventilation pipe 06 ○ Pit latrine/toilet without ventilation pipe 07 ○ Bucket toilet 08 ○ Portable flush toilet 09 ○ Composting toilet 10 ○ Urine diversion dry toilet 11 ○ Open defecation (e.g no facilities, field , bush) 12 ○ OTHER
SAN2: Is the toilet facility shared with other households? E `SAN_TOIL!=11`	SINGLE-SELECT SAN_SHARE 01 ○ YES 02 ○ NO
SAN3: Is the toilet facility in the dwelling, in the yard or outside the yard? E `SAN_TOIL!=11` V1 `(SAN_LOCATION!=1 && SAN_TOIL.InList(5,6))|| (SAN_LOCATIO N.InList(1,2,3) && SAN_TOIL.InList(1,2,3,4,7,8,9,10,11,1 2))` M1 Pit latrines cannot be located in the dwelling.	SINGLE-SELECT SAN_LOCATION 01 ○ In dwelling 02 ○ In yard 03 ○ Outside yard
SAN4: How far is the nearest toilet facility to which the household has access? I Please note, 200m is equal to the length of two football/soccer fields. E `SAN_LOCATION==3 && SAN_TOIL!=11`	SINGLE-SELECT SAN_DISTANCE 01 ○ Less than 50m 02 ○ 51m - 100m 03 ○ 101m - 200m 04 ○ 201m - 500m 05 ○ More than 500m
SAN5: Does your household have hand washing facilities (e.g basin, bowl, or functioning tippy tap)? E `SAN_TOIL!=11`	SINGLE-SELECT SAN_WASHFAC 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW
SAN6: After using the toilet, do household members clean their hands using one of the following methods? E `SAN_TOIL!=11`	SINGLE-SELECT SAN_WASH 01 ○ Rinse hands with water 02 ○ Wash hands with soap and water 03 ○ Clean hands with hand sanitiser or wet wipes 04 ○ DO NOT CLEAN HANDS 05 ○ DO NOT KNOW

STATIC TEXT

E `SAN_TOIL!=null`

ENERGY

ENG1: Does this household have access to or use electricity? E `SAN_TOIL!=null`	SINGLE-SELECT ENG_ACCESS 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
ENG2: What is the household's main source of electricity? E `ENG_ACCESS==1`	SINGLE-SELECT ENG_MAINELECT 01 ◯ In-house conventional meter 02 ◯ In-house prepaid meter 03 ◯ Connected to other source which the household pays for (e.g. connected to neighbours line and paying neighbour) 04 ◯ Connected to other source which the household does not pay for (e.g. connected to neighbours line and not paying) 05 ◯ Generator 06 ◯ Home solar panels 07 ◯ OTHER
ENG3: Does this household presently have a connection to the MAINS electricity supply? E `ENG_ACCESS==1 && ENG_MAINELECT<=4`	SINGLE-SELECT ENG_MAINS 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
ENG4: What is the main source of energy/fuel for cooking in this household? E `ENG_ACCESS!=null` V1 `(ENG_ACCESS==2 && self!=1) || (ENG_ACCESS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))` M1 Invalid selection, household does not have access to electricity. V2 `self!=7` M2 Candles cannot be used for cooking V3 `ENG_MAINS!=1 && self!=1 || (ENG_MAINS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))` M3 Household does not have a connection to the MAINS electricity supply	SINGLE-SELECT ENG_COOK 01 ◯ Electricity from mains 02 ◯ Other source of electricity (i.e generator) 03 ◯ Gas 04 ◯ Paraffin 05 ◯ Wood 06 ◯ Coal 07 ◯ Candles 08 ◯ Animal dung 09 ◯ Solar energy 10 ◯ NONE 11 ◯ OTHER
ENG5: What is the main source of energy/fuel for lighting in this household? E `ENG_COOK!=null` V1 `(ENG_ACCESS==2 && self!=1) || (ENG_ACCESS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))` M1 Invalid selection, household does not have access to electricity. V2 `!(self.InList(5,6,8))` M2 Wood, Coal and Animal dung cannot be used for lighting V3 `ENG_MAINS!=1 && self!=1 || (ENG_MAINS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))` M3 Household does not have a connection to the MAINS electricity supply	SINGLE-SELECT ENG_LIGHT 01 ◯ Electricity from mains 02 ◯ Other source of electricity (i.e generator) 03 ◯ Gas 04 ◯ Paraffin 05 ◯ Wood 06 ◯ Coal 07 ◯ Candles 08 ◯ Animal dung 09 ◯ Solar energy 10 ◯ NONE 11 ◯ OTHER

ENG6: What is the main source of energy/fuel for water heating in this household?	SINGLE-SELECT	ENG_WHEAT

E   `ENG_LIGHT!=null`

V1   `(ENG_ACCESS==2 && self!=1) || (ENG_ACCESS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))`

M1   Invalid selection, household does not have access to electricity.

V2   `self!=7`

M2   Candles cannot be used for water heating.

V3   `ENG_MAINS!=1 && self!=1 || (ENG_MAINS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))`

M3   Household does not have a connection to the MAINS electricity supply

01 ◯ Electricity from mains
02 ◯ Other source of electricity (i.e generator)
03 ◯ Gas
04 ◯ Paraffin
05 ◯ Wood
06 ◯ Coal
07 ◯ Candles
08 ◯ Animal dung
09 ◯ Solar energy
10 ◯ NONE
11 ◯ OTHER

ENG7: What is the main source of energy/fuel for space heating in this household?

SINGLE-SELECT   ENG_SHEAT

E   `ENG_WHEAT!=null`

V1   `(ENG_ACCESS==2 && self!=1) || (ENG_ACCESS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))`

M1   Invalid selection, household does not have access to electricity.

V2   `self!=7`

M2   Candles cannot be used for space heating.

V3   `ENG_MAINS!=1 && self!=1 || (ENG_MAINS==1 && self.InList(1,2,3,4,5,6,7,8,9,10,11))`

M3   Household does not have a connection to the MAINS electricity supply

01 ◯ Electricity from mains
02 ◯ Other source of electricity (i.e generator)
03 ◯ Gas
04 ◯ Paraffin
05 ◯ Wood
06 ◯ Coal
07 ◯ Candles
08 ◯ Animal dung
09 ◯ Solar energy
10 ◯ NONE
11 ◯ OTHER

PART 2: HOUSE FILE

SOLID WASTE MANAGEMENT

E   `ENG_ACCESS!=null`

SWR1: How is the refuse or rubbish of this household collected or removed?

SINGLE-SELECT   SWR_RUB

E   `ENG_ACCESS!=null`

01 ◯ Removed by local authority/private company at least once a week
02 ◯ Removed by local authority/private company less often than once a week
03 ◯ Removed by community members, contracted by the municipality, at least once per week
04 ◯ Removed by community members, contracted by the municipality, less often than once per week
05 ◯ Removed by community members at least once a week
06 ◯ Removed by community members less often than once a week
07 ◯ Communal refuse dump
08 ◯ Communal container/Central collection point
09 ◯ Own refuse dump
10 ◯ Dump or leave rubbish anywhere
11 ◯ Other

COMMUNICATION

E `SWR_RUB!=null`

COM1: Does this household have a functional/working landline telephone in the dwelling?	SINGLE-SELECT · COM_PHONE
E `SWR_RUB!=null`	01 ◯ YES 02 ◯ NO

COM2: Is there a functional/ working cellular telephone available within this household?	SINGLE-SELECT · COM_CELL
E `COM_PHONE!=null`	01 ◯ YES 02 ◯ NO

COM3: How many cellphones does members of this household own?	NUMERIC: INTEGER · COM_CELL_TOTAL
E `COM_CELL ==1` V1 `COM_CELL_TOTAL<=50` M1 please check if number of cellphone recorded is not more than 50	- -

---

COM4: Do members of this household use any of the following internet services?	MULTI-SELECT: YES/NO · COM_Internet
I Read all the options. E `COM_CELL!=null` V1 `self.Missing.Length==0` M1 Provide an answer for all items	01 ☐ / ☐ Fixed internet connection in the household (e.g.Fibre, ADSL) 02 ☐ / ☐ Mobile internet (e.g. mobile broadband such as 3G or 4G on phone, tablet or other device) 03 ☐ / ☐ Public or private WiFi (i.e Tshwane WiFi, Food outlets etc) 04 ☐ / ☐ Internet for students at a school/university/college 05 ☐ / ☐ Internet at place of work 06 ☐ / ☐ Internet in a library/community hall/Thusong centre 07 ☐ / ☐ Internet Cafe

---

TRANSPORT

E `IsAnswered(COM_Internet)`

TRA1: Please specify if members of this household used any of the following means of transport during the last calendar week (Monday to Sunday).	MULTI-SELECT: YES/NO · TRA
I Read all the options. E `IsAnswered(COM_Internet)` V1 `self.Missing.Length==0` M1 Provide an answer for all items	01 ☐ / ☐ Minibus taxi/sedan taxi/bakkie taxis 02 ☐ / ☐ Buses 03 ☐ / ☐ Train

---

TRA2: Please specify the total number of trips taken with a taxi during the last calendar week	NUMERIC: INTEGER · TRA_Taxi_trips
E `TRA.Yes.Contains(1)` V1 `TRA_Taxi_trips >0 && TRA_Taxi_trips <= 100` M1 Error, Total number of trips should not exceed 100.	- -

TRA3: How much money was spent in total on taxies by all household members during the last calendar week?	NUMERIC: INTEGER TRA_Taxi_cost
E `TRA.Yes.Contains(1)` W1 `TRA_Taxi_cost >0 && TRA_Taxi_cost <5000` M1 Error, please confirm amount, it should not be 0 and should also not exceed 5000.	
TRA4: How far (in kilometers) do you have to travel to get to the nearest taxi stop?	NUMERIC: INTEGER TRA_taxi_dist
I Write 0 for less than one kilometre E `TRA.Yes.Contains(1)` V1 `TRA_taxi_dist<=25` M1 Error, Kilometres should not exceed 25km	
TRA5: Please specify the total number of trips taken with a Bus during the last calendar week.	NUMERIC: INTEGER TRA_bus_trips
E `TRA.Yes.Contains(2)` V1 `TRA_bus_trips >0 && TRA_bus_trips <= 100` M1 Error, Total number of trips should not exceed 100.	
TRA6: How much money was spent in total on Buses by all household members during the last calendar week?	NUMERIC: INTEGER TRA_bus_cost
E `TRA.Yes.Contains(2)` W1 `TRA_bus_cost>0 && TRA_bus_cost<5000` M1 Error, please confirm amount, it should not be 0 and should also not exceed 5000.	
TRA7: How far (in kilometers) do you have to travel to get to the nearest Bus stop?	NUMERIC: INTEGER TRA_Bus_Dist
I Write 0 for less than one kilometre E `TRA.Yes.Contains(2)` V1 `TRA_Bus_Dist<=25` M1 Error, Kilometres should not exceed 25km	
TRA8: Please specify the total number of trips taken with a Train during the last calendar week.	NUMERIC: INTEGER TRA_Train_trips
E `TRA.Yes.Contains(3)` V1 `TRA_Train_trips >0 && TRA_Train_trips <= 100` M1 Error, Total number of trips should not exceed 100.	
TRA9: How much money was spent in total on Trains by all household members during the last calendar week?	NUMERIC: INTEGER TRA_Train_Cost
E `TRA.Yes.Contains(3)` W1 `TRA_Train_Cost>0 && TRA_Train_Cost <5000` M1 Error, please confirm amount, it should not be 0 and should also not exceed 5000.	
TRA10: How far (in kilometers) do you have to travel to get to the nearest train station?	NUMERIC: INTEGER TRA_train_dist
I Write 0 for less than one kilometre E `TRA.Yes.Contains(3)` V1 `TRA_train_dist<=25` M1 Error, Kilometres should not exceed 25km	

PART 2: HOUSE FILE
HEALTH AND WELFARE

E IsAnswered(TRA)

HHW1: If any member of this household becomes ill and decides to seek medical help, where do they usually go first?

I 1.Public sector refers to government, provincial or community institution 2.Private sector refers to private clinics, surgery, private hospitals and sangomas

E IsAnswered(TRA)

SINGLE-SELECT	HHW_HLTFAC

- 01 ◯ Public hospital
- 02 ◯ Public clinic
- 03 ◯ Other in public sector
- 04 ◯ Private hospital
- 05 ◯ Private clinic
- 06 ◯ Private doctor/specialist
- 07 ◯ Traditional healer
- 08 ◯ Spiritual healer's workplace/church
- 09 ◯ Pharmacy/chemist
- 10 ◯ Health facility provided by employer
- 11 ◯ Alternative medicine,e.g homoeopathist
- 12 ◯ Other in private sector
- 13 ◯ DO NOT KNOW

STATIC TEXT

E IsAnswered(TRA)

FOOD SECURITY

FSD1: In the past 12 months, did any adult (18 years and above) in this household go hungry because there wasn't enough food?

E IsAnswered(TRA)

SINGLE-SELECT	FSD_Hung_Adult

- 01 ◯ Never
- 02 ◯ Seldom
- 03 ◯ Sometimes
- 04 ◯ Often
- 05 ◯ Always
- 06 ◯ Not applicable(No adults in the household

FSD2: In the past 12 months, did any child (17 years or younger) in this household go hungry because there wasn't enough food?

E FSD_Hung_Adult!=null

SINGLE-SELECT	FSD_Hung_Child

- 01 ◯ Never
- 02 ◯ Seldom
- 03 ◯ Sometimes
- 04 ◯ Often
- 05 ◯ Always
- 06 ◯ Not applicable (No children in household)

FSD3: During the last 12 MONTHS, was there a time when you or others in your household ate only a few kinds of foods because of a lack of money or other resources?

E FSD_Hung_Child!=null

SINGLE-SELECT	FSD_FEWFOODS

- 01 ◯ YES
- 02 ◯ NO
- 03 ◯ DO NOT KNOW
- 04 ◯ REFUSED

FSD4: Has it happened 5 or more days in the past 30 days?

E FSD_FEWFOODS==1

SINGLE-SELECT	FSD_FEWFOODS_DAYS

- 01 ◯ Yes
- 02 ◯ No

FSD5: During the last 12 MONTHS, was there a time when you or others in your household had to skip a meal because there was not enough money or other resources to get food?

E FSD_FEWFOODS!=null

SINGLE-SELECT	FSD_SKIPPED

- 01 ◯ YES
- 02 ◯ NO
- 03 ◯ DO NOT KNOW
- 04 ◯ REFUSED

FSD6: Has it happened 5 or more days in the past 30 days? E `FSD_SKIPPED==1`	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	FSD_SKIPPED_DAYS
FSD7: During the last 12 MONTHS, was there a time when you or others in your household ate less than you thought you should because of a lack of money or other resources? E `FSD_FEWFOODS!=null`	SINGLE-SELECT 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED	FSD_ATELESS
FSD8: Has it happened 5 or more days in the past 30 days? E `FSD_ATELESS==1`	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	FSD_ATELESS_DAYS
FSD9: During the last 12 MONTHS, was there a time when your household ran out of food because of a lack of money or other resources? E `FSD_FEWFOODS!=null`	SINGLE-SELECT 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED	FSD_RANOUT
FSD10: Has it happened 5 or more days in the past 30 days? E `FSD_RANOUT==1`	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	FSD_RANOUT_DAYS

PART 2: HOUSE FILE
AGRICULTURAL ACTIVITIES AND HOUSEHOLD INCOME

E `FSD_Hung_Adult!=null`

AGR1: Has the household been involved in the production of any kind of food or agricultural products during the past twelve months? (e.g. livestock, crops, poultry, food gardening, forestry, fish, etc.) E `FSD_Hung_Adult!=null`	SINGLE-SELECT 01 ◯ YES 02 ◯ NO	AGR_Agri
AGR2: Indicate the kind of food production/ agricultural activities that the household is involved in: I Read all the options. E `AGR_Agri == 1` V1 `self.Missing.Length==0` M1 Provide an answer for all items V2 `self.Yes.ContainsAny()` M2 Atleast one YES shoul be answered in any option.	MULTI-SELECT: YES/NO 01 ☐ / ☐ Livestock production (cattle, goats, sheep, pigs, etc.) 02 ☐ / ☐ Poultry production(chickens, ducks, geese, guinea fowl, etc.) 03 ☐ / ☐ Grains and food crops (maize, wheat, beans, sorghum, millet, groundnuts etc.) 04 ☐ / ☐ Industrial crops (e.g. tea, coffee, cotton, tobacco) 05 ☐ / ☐ Fruit and vegetable production 06 ☐ / ☐ Fodder, grazing/pasture or grass for animals 07 ☐ / ☐ Fish farming/aquaculture 08 ☐ / ☐ Forestry 09 ☐ / ☐ Game farming	AGR_Agri_type

AGR3: What is the main purpose for growing farm products or keep stock for the household? E IsAnswered(AGR_Agri_type)	SINGLE-SELECT AGR_MainUse 01 ◯ As a main source of food for the household 02 ◯ As the main source of income/earning a living 03 ◯ As an extra source of income 04 ◯ As an extra source of food for the household 05 ◯ As a leisure activity or hobby e.g. gardening
FIN1: What are the sources of income for this household? I Read all the options except"NO INCOME". V1 self.Missing.Length==0 M1 Provide a response for all items V2 !(self.Yes.Contains(8) && self.Yes.ContainsAny(1,2,3,4,5,6,7)) M2 Cannot select YES on NO INCOME if you selected YES to any other option(s).	MULTI-SELECT: YES/NO FIN_INC 01 ☐ / ☐ Salaries/wages/commission 02 ☐ / ☐ Income from a business 03 ☐ / ☐ Remittances (money received from people living elsewhere) 04 ☐ / ☐ Pensions 05 ☐ / ☐ Grants (include old age grant here) 06 ☐ / ☐ Sales of farming products and services 07 ☐ / ☐ Other income sources e.g. rental income, interest 08 ☐ / ☐ NO INCOME
FIN2: Which one of the above income sources is the main source of income? I FIN_INC.Contains((decimal)FIN_INC_MAIN). Error, Selected option is not part of income sources F FIN_INC.Yes.Contains(@optioncode) E FIN_INC.Yes.ContainsAny(1,2,3,4,5,6,7)	SINGLE-SELECT FIN_INC_MAIN 01 ◯ Salaries/wages/commission 02 ◯ Income from a business 03 ◯ Remittances (money received from people living elsewhere) 04 ◯ Pensions 05 ◯ Grants (include old age grant here) 06 ◯ Sales of farming products and services 07 ◯ Other income sources e.g. rental income, interest
FIN3: Please specify approximately how much households receive per month from remittances? E FIN_INC.Yes.Contains(3) V1 FIN_REM < 999999 M1 Error, Please specify the correct amount	NUMERIC: INTEGER FIN_REM -------------------------------
FIN4: Please specify approximately how much households receive per month in pensions (do not include income from old age grants)? E FIN_INC.Yes.Contains(4) V1 FIN_PEN < 999999 M1 Error, Please specify the correct amount	NUMERIC: INTEGER FIN_PEN -------------------------------

FIN5: What was the total household expenditure in the last month?	SINGLE-SELECT FIN_EXP 01 ◯ R0 02 ◯ R1 - R199 03 ◯ R200 - R399 04 ◯ R400 - R799 05 ◯ R800 - R1 199 06 ◯ R1 200 - R1 799 07 ◯ R1 800 - R2 499 08 ◯ R2 500 - R 4 999 09 ◯ R5 000 - R9 999 10 ◯ R10 000 or more 11 ◯ Do not know 12 ◯ Refuse
HWL1: Does the household own one or more motor vehicle(s) in working condition (e.g. a car/bakkie/van/truck)?	SINGLE-SELECT HWL_Vehicle 01 ◯ YES 02 ◯ NO
HWL2: How many vehicles are there in the household? E `HWL_Vehicle==1` V1 `HWL_Vehicle <=10 && HWL_Vehicle > 0` M1 Error, Please make sure the correct number of vehicles are entered	NUMERIC: INTEGER HWL_TOTVEH -------------------------------
HWL3: In the previous month, did this household make use of a domestic or household workers' services (excluding for business purposes)?	SINGLE-SELECT HWL_DOMW 01 ◯ YES 02 ◯ NO
HWL4: Does the household own any of the following? I The item should be in working order. V1 `self.Yes.Length + self.No.Length == 6` M1 Provide a response for all items	MULTI-SELECT: YES/NO HWL_Assets 01 ☐ / ☐ TV Set 02 ☐ / ☐ Pay TV (M-Net/ DSTV) Subscription 03 ☐ / ☐ Computer/ Desktop/ Laptop 04 ☐ / ☐ Refrigerator or Combined Fridge Freezer 05 ☐ / ☐ Home Security Service, e.g. Fidelity ADT 06 ☐ / ☐ Geyser, providing hot water

PART 3: SURVEY OFFICER QUESTIONS - RESULT CODES AND COMMENTS

E   `IsAnswered(HhPhone) && IsAnswered(DUNO_ref) && IsAnswered(Prov) && IsAnswered(UQNO) && IsAnswered(question2)`

INTERVIEWER! Please indicate number of calls?	NUMERIC: INTEGER ncalls
I For every visit attempt select a higher value than earlier. Do not revise the number of visits to a smaller value! You will not be able to re-enter the earlier captured timestamp of the visit! V1 `RCALLS.Count(v=>v.@rowcode<(self-1) && v.callResult.InList(11))==0` M1 You should not be calling households after the completed calls!	`- - - - - - - - - - - - - - - - - - - - - - - - - -.` SPECIAL VALUES 01 First call 02 Second call 03 Third call 04 Fourth call

VARIABLE `Calls.Any(x => x.Call_Status==1)`	BOOLEAN start
VARIABLE `Calls.Any(x => x.Call_Status==2)`	BOOLEAN Refuse
VARIABLE `Calls.Any(x => x.Call_Status==3)`	BOOLEAN WrongNo
VARIABLE `Calls.Any(x => x.Call_Status.InList(4,5))`	BOOLEAN Appoint
VARIABLE `Calls.Any(x => x.SameHH==2)`	BOOLEAN Linking_NoPartic
VARIABLE `Calls.Any(x => x.Call_Status==6)`	BOOLEAN TELWRONG
VARIABLE `Calls.Any(x => x.Call_Status==7)`	BOOLEAN HHMOVED
VARIABLE `Calls.Any(x => x.Call_Status==8)`	BOOLEAN sampled

PART 3: SURVEY OFFICER QUESTIONS - RESULT CODES AND COMMENTS

Roster: %CALLTITLE% - CALL
generated by numeric question `ncalls`   RCALLS

STATIC TEXT

E   `RCALLS.Count(v=>v.@rowcode<@rowcode && v.callResult.InList(11))!=0`

V1   `/* macro is not used here to facilitate copying */ RCALLS.Count(v=>v.@rowcode<@rowcode && v.callResult.InList(11))== 0`

M1   Error! There should be no calls after a terminal call.

Call logic check:

INTERVIEWER! Record the date and time of the call	DATE: CURRENT TIME callTimestamp
V1 `(@rowcode==RCALLS.Min(x=>x.@rowcode)) || (self>RCALLS[@rowcode-1].callTimestamp)` M1 Error! The every call's timestamp must be later than the timestamp of the previous call!	`...............................................`

VARIABLE `IsAnswered(callTimestamp) ? callTimestamp.ToString() : " "`	STRING callTitle

	SINGLE-SELECT callResult
⬚ INTERVIEWER! What was the result of the call? E IsAnswered(callTimestamp) V1 (self.InList(11,12,24,37) && start.GetValueOrDefault()) || (self==23 && TELWRONG.GetValueOrDefault()) || (self== 22 && Refuse.GetValueOrDefault()) || (self==21 && WrongNo.GetValueOrDefault()) || (self= And 255 other symbols [5] M1 Please check if you have the correct result code.	11 ◯ COMPLETED 12 ◯ PARTLY COMPLETED 21 ◯ NON-CONTACT 22 ◯ REFUSAL 23 ◯ OTHER NON-RESPONSE 24 ◯ NO USABLE INFORMATION 31 ◯ UNOCCUPIED DWELLING 32 ◯ VACANT DWELLING 33 ◯ DEMOLISHED 34 ◯ NEW DWELLING UNDER CONSTRUCTION 35 ◯ STATUS CHANGE 36 ◯ LISTING / CLASSIFICATION ERROR 37 ◯ NON-HOUSEHOLD MEMBER
What was the main reason for the refusal? E callResult==22	SINGLE-SELECT RefusalReason1 01 ◯ TOO BUSY 02 ◯ NOT INTERESTED 03 ◯ RESPONDENT FATIGUE 04 ◯ ANTI-GOVERNMENT ATTITUDES 05 ◯ SURVEY NOT MANDATORY 06 ◯ PRIVACY/CONFIDENTIALITY CONCERNS 07 ◯ WON'T TALK TO STRANGERS/ SECURITY CONCERNS 08 ◯ FEAR OF NEGATIVE CONSEQUENCE 09 ◯ OTHER
Please specify "OTHER" reason for refusal. I Please use CAPITAL LETTERS. E RefusalReason1==9	TEXT OtherRefusal1 ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄
Date of next call E callResult==12 || (callResult==21 && Appoint.GetValueOrDefault()) V1 Interview_Date<=self M1 Planned next call CANNOT be before the interview date.	DATE DateNextCall1 ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄

PART 3: SURVEY OFFICER QUESTIONS - RESULT CODES AND COMMENTS / %CALLTITLE% - CALL

SURVEY OFFICER QUESTIONS

E callResult.InList(11,12)

1. In what language was the <u>main part of the interview conducted</u>?	SINGLE-SELECT	Q1ntLanguage
	01 ◯ AFRIKAANS	
	02 ◯ ENGLISH	
	03 ◯ ISINDEBELE	
	04 ◯ ISIXHOSA	
	05 ◯ ISIZULU	
	06 ◯ KHOI, NAMA AND SAN LANGUAGES	
	07 ◯ SEPEDI	
	08 ◯ SESOTHO	
	09 ◯ SETSWANA	
	10 ◯ SISWATI	
	11 ◯ TSHIVENDA	
	12 ◯ XITSONGA	
	13 ◯ OTHER (SPECIFY)	

1a. Specify other language	TEXT	Q1antlanguage
E `Q1ntLanguage==13`		

STATIC TEXT

E `RCALLS.All(x=>x.callResult!=null) && ncalls!=null`

FINAL RESULT CODE FOR SUPERVISOR: QUESTIONNAIRE

Indicate the final result code for the questionnaire	SINGLE-SELECT SCOPE: SUPERVISOR	FinalResult
E `RCALLS.All(x=>x.callResult!=null) && ncalls!=null` V1 `RCALLS.LastOrDefault()?.callResult==FinalResult` M1 Please make sure the final result code is equal to the last visit result code	11 ◯ COMPLETED	
	12 ◯ PARTLY COMPLETED	
	21 ◯ NON-CONTACT	
	22 ◯ REFUSAL	
	23 ◯ OTHER NON-RESPONSE	
	24 ◯ NO USABLE INFORMATION	
	31 ◯ UNOCCUPIED DWELLING	
	32 ◯ VACANT DWELLING	
	33 ◯ DEMOLISHED	
	34 ◯ NEW DWELLING UNDER CONSTRUCTION	
	35 ◯ STATUS CHANGE	
	36 ◯ LISTING / CLASSIFICATION ERROR	
	37 ◯ NON-HOUSEHOLD MEMBER	

Reason for not completing the questionnaire	TEXT SCOPE: SUPERVISOR	NonResponse
E `FinalResult ==22`		

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] Call_Status: INTERVIEWER! What is the status of the call?
Validation Condition:

```
(SameHH==4 &&self.InList(3,5,6))||(SameHH==3 &&self==6)|| (SameHH==2 && SameHH1==2 &&self==7) || (SameHH==1 &&
self.InList(1,2,4)) || (SameHH==2 && SameHH1==1 && IsAnswered(HhPhone_PrvDU) && self.InList(1,2,4,5))
```

Validation Message: Please verify you have selected the correct status of the call above.

[2] SOC_GRANT_TYPE: SOC2:Does %rostertitle% receive the following grant:
Validation Condition:

```
(self.Yes.Contains(1) && Age >= 60) ||
(self.Yes.Contains(2) && Age.InRange(18,59)) ||
(self.Yes.Contains(3) && Age.InRange(0,17)) ||
(self.Yes.Contains(4) && Age.InRange(0,17)) ||
(self.Yes.Contains(5) && Age.InRange(0,22)) ||
(self.Yes.Contains(6) && Age >= 75) ||
(self.Yes.Contains(8) && Age >18)
```

Validation Message: Invalid grant, please confirm if the type of grant corresponds with the AGE!
Validation Condition:

```
self.Missing.Length==0
```

Validation Message: Please answer all options

[3] EDU_EDUI: EDU4: Which of the following educational institutions does %rostertitle% attend?
Validation Condition:

```
(Age<=6 && Education.InList(98,0,1,28) && self.InList(1,2,8,9)) ||  (Age>6 &&
Education.InList(0,1,2,3,4,5,6,7,8,9,10,11,12,19,20,28,98) && self.InList(2,8,9)) ||(Age>=18 &&
Education.InList(0,1,2,3,4,5,6,7,28,98) && self.InList(3,4)) ||(Age>=15 &&
Education.InList(9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28) && self.InList(5,6,7,9))
```

Validation Message: Educational institution being attended is not consistent with the highest level of education attained

[4] EDU_GRDE: EDU14: Which grade is %rostertitle% currently attending?
Validation Condition:

```
(Education==98 && EDU_GRDE ==0)||( Education ==0 && EDU_GRDE==1) || (Education ==1 && EDU_GRDE==2)||( Education
==2 && EDU_GRDE ==3) || (Education ==3 && EDU_GRDE ==4)||( Education ==4 && EDU_GRDE ==5) || (Education ==5 &&
EDU_GRDE ==6)||( Education ==6 && EDU_GRDE ==7) || (Education ==7 && EDU_GRDE==8)||( Education ==8 && EDU_GRDE
==9) || (Education ==9 && EDU_GRDE ==10)||( Education ==10 && EDU_GRDE ==11) || (Education ==11 && EDU_GRDE ==12)
|| (Education.InRange(10,12) && EDU_GRDE.InRange(13,15))
```

Validation Message: Error, current grade does not correspond with highest level of education

[5] callResult: INTERVIEWER! What was the result of the call?
Validation Condition:

```
(self.InList(11,12,24,37) && start.GetValueOrDefault()) ||
(self==23 && TELWRONG.GetValueOrDefault()) ||
(self==22 && Refuse.GetValueOrDefault()) ||
(self==21 && WrongNo.GetValueOrDefault()) ||
(self==21 && Appoint.GetValueOrDefault()) ||
(self.InList(31,32,33,34,35,36) && sampled.GetValueOrDefault())  ||

(self==23 && Linking_NoPartic.GetValueOrDefault()) ||
(self==23 && ContactDetails.GetValueOrDefault()) ||
(self==23 && HHMOVED.GetValueOrDefault())
```

Validation Message: Please check if you have the correct result code.

APPENDIX B — INSTRUCTIONS

[1] Firstname: First name and surname

Type the first name and surname of each member of the household, starting with the head or acting head. If there is more than one head/acting head, start with the oldest and only person who resides in this dwelling and was part of this household at least four nights a week on average and has done so over the last four weeks.

[2] Population: D5: What population group does %rostertitle% belong to?

This question must be asked for all persons in the household. Remember that persons of different population groups do sometimes form part of the same household so you cannot assume the population group for people who are not present at the interview.

[3] LAB_BUS: LAB2: In the last week (Monday to Sunday) did %rostertitle% run or do any kind of business, big or small, for himself/herself or with one or more partners, even if it was for only one hour?

Examples: Commercial farming, selling things, making things for sale, construction, repairing things, guarding cars, brewing beer, collecting wood or water for sale, hairdressing, crèche businesses, taxi or other transport business, having a legal or medical practice, performing in public, having a public phone shop, etc.

[4] EDU_TOTFEES: EDU12: What is the total amount of tuition fees paid by this household for %rostertitle% this year?

Add expenses made to date as well as expected expenses for the remainder of the year. Do not include cost of uniforms, books and other learning materials, accommodation fees, sport fees, and transport fees.

APPENDIX C — CATEGORIES

[1] Education: EDU1: What is the highest level of education that %rostertitle% has successfully completed?
Categories: 98:NO SCHOOLING, 0:GRADE R/0, 1:GRADE 1/SUB A/CLASS 1, 2:GRADE 2 /SUB B/CLASS 2, 3:GRADE 3/STANDARD 1/ABET/AET 1
, 4:GRADE 4/STANDARD 2, 5:GRADE 5/STANDARD 3/ABET/AET 2, 6:GRADE 6/STANDARD 4, 7:GRADE 7/STANDARD 5/ABET/AET 3, 8:GRADE
8/STANDARD 6/FORM 1, 9:GRADE 9/STANDARD 7/FORM 2/ABET/AET 4/OCCUPATIONAL CERTIFICATE/ NQF Level 1, 10:GRADE 10/STANDARD
8/FORM 3/NCV Level 2/ OCCUPATIONAL CERTIFICATE/ NQF Level 2, 11:GRADE 11/STANDARD 9/FORM 4/NCV Level 3/ OCCUPATIONAL CERTIFI
CATE/NQF Level 3, 12:GRADE 12/STANDARD 10/FORM 5/NATIONAL SENIOR CERTIFICATE/MATRIC/NCV LEVEL 4/ OCCUPATIONAL CERTIFICAT
E/NQF LEVEL 4, 13:NTC I/N1/NQF 1, 14:NTC II/N2/NQF 2, 15:NTC III/N3/NQF 3, 16:N4/NTC 4/ OCCUPATIONAL CERTIFICATE/NQF LEVEL 5, 17:
N5/NTC 5/ OCCUPATIONAL CERTIFICATE/NQF LEVEL 5, 18:N6/NTC 6/ OCCUPATIONAL CERTIFICATE/NQF LEVEL 5, 19:CERTIFICATE WITH LESS
THAN GRADE 12/STANDARD 10, 20:DIPLOMA WITH LESS THAN GRADE 12/STANDARD 10, 21:HIGHER/NATIONAL/ADVANCED CERTIFICATE W
ITH GRADE 12/STD 10/OCCUPATIONAL CERTIFICATE-NQF Level 5, 22:DIPLOMA WITH GRADE 12/STANDARD 10/ OCCUPATIONAL CERTIFICAT
E- NQF LEVEL 6, 23:HIGHER DIPLOMA/OCCUPATIONAL CERTIFICATE (B-TECH)-NQF LEVEL 7, 24:BACHELORS DEGREE/OCCUPATIONAL CERTIF
ICATE - NQF LEVEL 7, 25:HONOURS DEGREE/POSTGRADUATE DIPLOMA/ OCCUPATIONAL CERTIFICATE -NQF LEVEL 8, 26:POST HIGHER DIPLO
MA (M TECH AND MASTERS DEGREE)- NQF LEVEL 9, 27:DOCTORAL DEGREES (D TECH AND PHD)- NQF LEVEL 10, 28:OTHER, 29:DO NOT KNO
W

[2] EDU_RSNN: EDU3: What is the main reason why %rostertitle% is not currently attending an educational institution?
Categories: 1:Too old/young, 2:Has completed education/satisfied with my level of education/do not want to study, 3:School/education instituti
on is too far, 4:Difficulties to get to school (transport), 5:No money for fees, 6:He or she is working at home or business/job, 7:COVID-19, 8:Fa
mily commitment (e.g child minding), 9:Education is useless or not interesting, 10:Unable to perform at school, 11:Illness, 12:Pregnancy, 13:F
ailed exams, 14:Got married, 15:Disability, 16:Violence in school, 17:Not accepted for enrolment, 18:Do not have time/too busy, 19:OTHER

[3] EDU_GRDE: EDU14: Which grade is %rostertitle% currently attending?
Categories: 0:GRADE R/0, 1:GRADE 1, 2:GRADE 2, 3:GRADE 3, 4:GRADE 4, 5:GRADE 5, 6:GRADE 6, 7:GRADE 7, 8:GRADE 8, 9:GRADE 9, 10:
GRADE 10, 11:GRADE 11, 12:GRADE 12/MATRIC, 13:NC(V) Level 2 (N1/NTC 1), 14:NC(V) Level 3 (N1/NTC 2), 15:NC(V) Level 4 (N1/NTC 3), 16:
OTHER

[4] LAB_RNSW: LAB11: What was the main reason why %rostertitle% did not try to find work or start a business in the last
four weeks?
Categories: 1:Awaiting the season for work, 2:Waiting to be recalled from a job, 3:Health reasons, 4:Pregnancy, 5:Disabled or Unabled to wor
k (handicapped), 6:Housewife/ Homemaker (family considerations/ child care), 7:Undergoing training to help find work, 8:No jobs available in t
he area, 9:Lack of money to pay for transport to look for work, 10:Unable to find work requiring his/ her skills, 11:Lost hope in finding an kind of
work, 12:No transport available, 13:Scholar or student, 14:Retired, 15:Too old/ young to work, 16:Did not want to work, 17:OTHER

Legend and structure of information in this file

Name of section

Enabling condition for this section **Type of question, scope** **Variable name**

Question title **Answer options**

SECTION 5: OTHER INCOME SOURCES
E s4_other_sources_which.Contains(98)

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?

I **This refers to family relations**
E s3_time_other > 0
V1 s4_rel_leaders_which.Contains(98)
M1 **Can not be itself**
V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_in-sem_advice)) ||s3_time_other_breeding_advice == 0
M2 **This person is not in the list**
F optioncode != s5_ignored_option_code

MULTI-SELECT   s4_rel_leaders_other
SCOPE: PREFILLED

01 ☐ **Community animal health workers**

02 ☐ **Private**

03 ☐ **Government**

04 ☐ **Livestock keepers association**

05 ☐ **NGO**

And **5 other [13]**

Additional information: **Link to full set in appendix**
"I" — **Question instruction**
"E" — **Enabling condition**
"V1" — **Validation condition №1**
"M1" — **Message for validation №1**
"F" — **Filter in Categorical questions**

Breadcrumbs

Type or roster

Roster Title

CHAPTER 3 IDENTIFICATION /
Roster: **LEADER RELATION DETAILS**
generated by fixed list:

01 **Ward Livestock Officer**

02 **Village Livestock Officer**

99 **Other (specify)**

List items