Sections: 9, Sub-sections: 18,
Questions: 221.
Questions with enabling conditions: 175
Questions with validation conditions:62
Rosters: 4
Variables: 12

**Survey
Solutions**

GHS2024_Apr

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

COVER
No sub-sections, No rosters, Questions: 15.

SURVEY INFORMATION
No sub-sections, No rosters, No questions, Static texts: 9.

PARTICULARS OF THE DWELLING UNIT
No sub-sections, No rosters, Questions: 4.

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

DEMOGRAPHIC INFORMATION
No sub-sections, Rosters: 1, Questions: 8, Variables: 10.

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

PERSON FILE
Sub-sections: 11, Rosters: 1, Questions: 63, Static texts: 3.

HOUSE FILE
Sub-sections: 6, No rosters, Questions: 100, Static texts: 4.

SURVEY OFFICER QUESTIONS: RESULT CODES AND COMMENTS
Sub-sections: 1, Rosters: 1, Questions: 15, Static texts: 2, Variables: 1.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — INSTRUCTIONS

APPENDIX C — CATEGORIES

LEGEND

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

Basic information

Title	GHS2024_Apr
Subtitle	General Household Survey 2024
Version identificator	1.0

Survey data information

Study type	Household Survey
Kind of data	Sample survey data [ssd]
Mode of Data Collection	CAPI

Survey information

Country	South Africa
Year	2024
Languages	English
Unit of analysis	Persons and Households
Funding	Baseline

COVER

PSU Segment Number	TEXT	PSUNO_Seg
Map Reference Number Identifier	TEXT	MRN_ID
Sampled Dwelling Unit Number at Point	TEXT	DUNO_POINT
Dwelling Unit Reference Number	TEXT	DUNO_ref
Dwelling Unit Number Methodology	TEXT	DUNO_Meth
Questionnaire number	TEXT	Ques_No

Province in which Dwelling Unit is located — SINGLE-SELECT — Prov

- 01 ○ WESTERN CAPE
- 02 ○ EASTERN CAPE
- 03 ○ NORTHERN CAPE
- 04 ○ FREE STATE
- 05 ○ KWAZULU-NATAL
- 06 ○ NORTH WEST
- 07 ○ GAUTENG
- 08 ○ MPUMALANGA
- 09 ○ LIMPOPO

District name in which Dwelling Unit is located	TEXT	District_Name
Local municipality in which Dwelling Unit is located	TEXT	Local_Munic
Main place in which Dwelling Unit is located	TEXT	Main_Place
Sub-place in which Dwelling Unit is located	TEXT	Sub_Place

Expected month of collection	SINGLE-SELECT	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

Longitude and Latitude coordinates

GPS   LongLat

N -

W -

A -

Assigned questionnaire

NUMERIC: INTEGER   Assigned

V1 `self.InRange(0,1)`
M1 The number you entered is incorrect!please enter the correct number.

- -

Unique number

TEXT   UQNO

....

SURVEY INFORMATION

STATIC TEXT

Statistics South Africa

STATIC TEXT

CONFIDENTIALITY CLAUSE

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.

STATIC TEXT

AIM AND USE OF THE SURVEY

STATIC TEXT

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.

STATIC TEXT

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.

PARTICULARS OF THE DWELLING UNIT

E `IsAnswered(Ques_No) && IsAnswered(DUNO_ref) && IsAnswered(Prov) && IsAnswered(MRN_ID)`

Get location

V1 `LongLat.GpsDistance(Location)<30`

M1 Please make sure you are at the correct DU point. (Map ref for navigation should match that of questionnaire)

GPS   Location

N

W

A

Get interview date

V1 `Interview_Date.Value.Year==2024`

M1 Error: Date of interview cannot be greater than the current date

DATE: CURRENT TIME   Interview_Date

Physical identification of Dwelling Unit

E `IsAnswered(Interview_Date)`

TEXT   Physical_ID

Is there currently any person residing at the selected Dwelling Unit?

I To be answered by the interviewer.

E `IsAnswered(Physical_ID)`

V1 `IsAnswered(self)`

M1 Please provide an answer to this question.

SINGLE-SELECT   Anyperson_DU

01   ○ YES, START INTERVIEW

02   ○ YES, BUT REFUSED TO PARTICIPATE

03   ○ NO

04   ○ NO, SAMPLED DWELLING CANNOT BE ACCESSED

PARTICULARS OF THE HOUSEHOLD

E `Anyperson_DU == 1`

Total number of households at the selected D welling Unit E `Anyperson_DU ==1` V1 `TOTALHH.InRange(1,20)` M1 You have entered a value that is not within acceptable range. Please verify	NUMERIC: INTEGER TOTALHH ------------------------------.
Is this a multiple household? I NOTE: Please populate CENSUS MODE Questionnaire. E `TOTALHH >1` V1 `self==1` M1 Go back to QUESTION 1_Total number of households at the selected dwelling & change the total number of household(s).	SINGLE-SELECT Multiple_HH 01 ◯ YES 02 ◯ NO
Household number of this household E `Anyperson_DU ==1 && IsAnswered(TOTALHH)` V1 `HHNO.InRange(1,TOTALHH)` M1 HHNo cannot be larger than the total number of households.	NUMERIC: INTEGER HHNO ------------------------------.
Total number of persons 👥 in this household E `Anyperson_DU ==1 && IsAnswered(HHNO)` V1 `TOTALHH.InRange(1,30)` M1 You have entered a value that is not within acceptable range. Please verify	NUMERIC: INTEGER TOTPERSHH ------------------------------.
What is the contact number ☎ 📱/💬 of this household? E `IsAnswered(TOTALHH) && TOTPERSHH >= 1`	TEXT HHPhoneNo ....
What is the email address of enumerated household? I Type "0" if there's no email address in the household. E `HHPhoneNo!=null`	TEXT Email ....

DEMOGRAPHIC INFORMATION

E `IsAnswered(Email)`

Name and surname of household members	LIST PERSON_NAME

I   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
And 128 other symbols [1]

E   `Interview_Date!=null`

V1   `PERSON_NAME.Length == TOTPERSHH`

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

E   `PERSON_NAME!=null`

V1   `Other_person==2`

M1   Go back to PARTICULARS OF HOUSEHOLD, change the total number of persons and type the person's Firstname and Surname.

DEMOGRAPHIC INFORMATION
Roster: HOUSEHOLD MEMBERS - %ROSTERTITLE%
generated by list question PERSON_NAME

Prsninf

E   `Other_person ==2`

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 the total number of persons and delete this person's Firstname and Surname.

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 logical 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 person who is 35 years and 8 months old, enter "35". for a baby who is less than 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?	SINGLE-SELECT Population
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 \[2\]](#)	01 ◯ BLACK AFRICAN 02 ◯ COLOURED 03 ◯ INDIAN/ASIAN 04 ◯ WHITE
E `Age!=null && Compulsory.GetValueOrDefault()`	05 ◯ OTHER

D6: Which language does %rostertitle% speak most often in this household?	SINGLE-SELECT Languages
E `Four_by_Four==1 && Population!=null`	01 ◯ AFRIKAANS 02 ◯ ENGLISH 03 ◯ ISINDEBELE 04 ◯ ISIXHOSA 05 ◯ ISIZULU 06 ◯ KHOI, NAMA AND SAN LANGUAGES 07 ◯ SEPEDI 08 ◯ SESOTHO 09 ◯ SETSWANA 10 ◯ SIGN LANGUAGE 11 ◯ SISWATI 12 ◯ TSHIVENDA 13 ◯ XITSONGA 14 ◯ 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 - %ROSTERTITLE%
generated by list question PERSON_NAME

RELAT

E `LinkingRosters.GetValueOrDefault()`

HHC1: What is %rostertitle%'s relationship to the head/acting 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
- 03 ○ SON/DAUGHTER/STEPCHILD /ADOPTED CHILD
- 04 ○ BROTHER/SISTER/STEPBROTHER/STEPSISTER
- 05 ○ FATHER/MOTHER/STEPFATHER/STEPMOTHER
- 06 ○ GRANDPARENT/GREAT GRANDPARENT
- 07 ○ GRANDCHILD/GREAT GRANDCHILD
- 08 ○ OTHER RELATIVE (E.G. IN-LAWS OR AUNT/UNCLE)
- 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, religious 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 01 ○ YES 02 ○ NO	SPOUSE
HHC4: Which person is the spouse/partner of %rostertitle%? F `Age>=12 && @current.@rowcode!=@rowcode` E `SPOUSE==1 && Compulsory.GetValueOrDefault() && TOTPERSHH >1`	SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: ROSTER PRSNINF	SPOUSE_NAME
HHC5: Is %rostertitle%'s biological father still alive? E `Compulsory.GetValueOrDefault()`	SINGLE-SELECT 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW	HHC_FATH_ALIVE
HHC6: Is %rostertitle%'s biological father part of this household? E `HHC_FATH_ALIVE == 1`	SINGLE-SELECT 01 ○ YES 02 ○ NO	HHC_FATH_PARTHH
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 SOURCE OF CATEGORIES: ROSTER PRSNINF	HHC_FATH_NAME
HHC8: Is %rostertitle%'s biological mother still alive? E `Compulsory.GetValueOrDefault()`	SINGLE-SELECT 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW	HHC_MOTH_ALIVE
HHC9: Is %rostertitle%'s biological mother part of this household? E `HHC_MOTH_ALIVE == 1 && Compulsory.GetValueOrDefault()`	SINGLE-SELECT 01 ○ YES 02 ○ NO	HHC_MOTH_PARTHH
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 SOURCE OF CATEGORIES: ROSTER PRSNINF	HHC_MOTH_NAME

PERSON FILE

E `Anyperson_DU ==1 && anymember4x4.GetValueOrDefault()`

PERSON FILE
Roster: PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%
generated by list question PERSON_NAME

`Person_file`

E `$fourbyfour`

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%
EDUCATION

STATIC TEXT

HIGHEST LEVEL OF EDUCATION

EDU1: What is the highest level of education th
at %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 educ
ation.

- 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/FOR M 1
- 09 GRADE 9/STANDARD 7/FOR M 2/ABET/AET 4/OCCUPATI ONAL CERTIFICATE/ NQF Lev el 1
- 10 GRADE 10/STANDARD 8/FOR M 3/NCV Level 2/ OCCUPATI ONAL CERTIFICATE/ NQF Lev el 2
- 11 GRADE 11/STANDARD 9/FOR M 4/NCV Level 3/ OCCUPATI ONAL CERTIFICATE/NQF Lev el 3
- 12 GRADE 12/STANDARD 10/FO RM 5/NATIONAL SENIOR CE RTIFICATE/MATRIC/NCV LEV EL 4/ OCCUPATIONAL CERTI FICATE/NQF LEVEL 4
- 13 NTC I/N1/NQF 1
- 14 NTC II/N2/NQF 2

And 15 other symbols [1]

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / 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 in pre-school that is not linked to a primary school 02 ◯ Grade R in pre-school that is linked to a primary school 03 ◯ Pre-school/nursery school/ Grade 00/Grade 000 04 ◯ Creche/ educare centre 05 ◯ Day-mother/gogo 06 ◯ Home based play group 07 ◯ School (Grade 1 or 2) 08 ◯ NONE 09 ◯ DO NOT KNOW 10 ◯ 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(8,9,10)	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(5,6,8,9,10)	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 ◯ Do not want to risk the health of other household members 04 ◯ Too expensive 05 ◯ Do not have adequate transport 06 ◯ OTHER

ECD4: How much does this household pay per month for the child to be cared for, or to atten d an ECD facility? E ECD_CHLDATT<=7	SINGLE-SELECT ECD_FEES 00 ○ NO FEES 01 ○ R1 - R100 02 ○ R101 - R200 03 ○ R201 - R300 04 ○ R301 - R500 05 ○ R501 - R1000 06 ○ R1001 - R2000 07 ○ R2001 - R4000 08 ○ R4001 - R8000 09 ○ More than R8000 10 ○ DO NOT KNOW
ECD5: How often does someone in the househ old read books/tell stories to %rostertitle%?	SINGLE-SELECT ECD_READ 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Every day
ECD6: How often does someone in the househ old sing to or with %rostertitle%?	SINGLE-SELECT ECD_SING 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Every day
ECD7: How often does someone in the househ old colour or draw with %rostertitle%?	SINGLE-SELECT ECD_COLOUR 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Every day
ECD8: If %rostertitle% points to or asks about a n object, how often is he or she told what its na me is and given an explanation of what the obj ect does or is used for?	SINGLE-SELECT ECD_OBJECT 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Every day
ECD9: How often does someone in the househ old name or count different things to or with % rostertitle%?	SINGLE-SELECT ECD_COUNT 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Every day

ECD10: How often does someone in the house hold play with toys/objects involving shapes/puzzles/building blocks with %rostertitle%?	SINGLE-SELECT	ECD_PLAY
	01 ○ Never	
	02 ○ Sometimes	
	03 ○ Often	
	04 ○ Every day	

ECD11: Who usually takes care of %rostertitle% at home during the day (e.g feeding , washing/ bathing, or caring for when ill)?	SINGLE-SELECT	ECD_CARE
	01 ○ Biological / adoptive / foster father	
	02 ○ Biological / adoptive / foster mother	
	03 ○ Grandfather	
	04 ○ Grandmother	
	05 ○ Sister	
	06 ○ Brother	
	07 ○ Cousin	
	08 ○ Aunt	
	09 ○ Uncle	
	10 ○ Other relative	
	11 ○ Paid carer/nanny	
	12 ○ Someone else	
	13 ○ NO ONE	
	14 ○ DO NOT KNOW	

ECD12: Does %rostertitle% have a birth certificate?	SINGLE-SELECT	ECD_BIRTH_CERT
	01 ○ YES	
	02 ○ NO	
	03 ○ DO NOT KNOW	

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / EDUCATION

EDUCATIONAL INSTITUTION ATTENDANCE (FIVE YEARS AND OLDER)

E Age>=5

STATIC TEXT

ATTENDING AN EDUCATIONAL INSTITUTION

EDU2: Is %rostertitle% currently attending an educational institution?	SINGLE-SELECT	EDU_ATTEND
	01 ○ YES	
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.	02 ○ NO	
F Age>=5	03 ○ DO NOT KNOW	

EDU3: What is the main reason why %rostertitle% is not currently attending an educational institution?

E   EDU_ATTEND==2 && Age>=5
V1   (Sex==1 && self!=12) || (Sex==2)
M1   Invalid selection only females can select "pregnancy"

SINGLE-SELECT   EDU_RSNN

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   ○ Family commitment (e.g child minding)
08   ○ Education is useless or not interesting
09   ○ Unable to perform at school
10   ○ Illness
11   ○ Pregnancy
12   ○ Failed exams
13   ○ Got married
14   ○ Disability
15   ○ Violence in school
16   ○ Not accepted for enrolment

And 2 other symbols [2]

EDU4: Which of the following educational institutions does %rostertitle% attend?	SINGLE-SELECT EDU_EDUI
E EDU_ATTEND==1 && Age>=5	01 ⚪ Pre-school (including ECD centre,e.g day care,creche,play group,nursery school or pre_primary school)
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 [2]	02 ⚪ School (Including Grade R to Grade 12 learners who attend a formal school)
M1 Educational institution being attended is not consistent with the highest level of education attained	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 educational/home schooling
	09 ⚪ Other than any of the above

EDU5: Is the institution that %rostertitle% is attending public or private?	SINGLE-SELECT EDU_PPRIV
E EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1	01 ⚪ PUBLIC (Government)
	02 ⚪ PRIVATE (Independent)
	03 ⚪ DO NOT KNOW

EDU6: Is it a correspondence / distance / online educational institution?	SINGLE-SELECT EDU_CORR
I The student studies by post/through the internet (e.g. UNISA) in a correspondence/distance / online institution.	01 ⚪ YES
E EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1	02 ⚪ NO
	03 ⚪ DO NOT KNOW

EDU7: What means of transport is usually used by %rostertitle% to get to the educational institution %rostertitle% attends? I If more than one mode of transport is used, indicate the one that covers the longest distance. E `EDU_CORR!=1 && EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	SINGLE-SELECT EDU_MODE_TR 01 ○ Walking 02 ○ Bicycle 03 ○ Motorcycle 04 ○ Minibus taxi/sedan taxi/bakkie taxi 05 ○ Minibus/bus provided by institution/government and not paid for 06 ○ Train 07 ○ Bus (public transport) 08 ○ Vehicle hired by a group of parents 09 ○ Own car or other private vehicle 10 ○ OTHER
EDU8: How long does it take %rostertitle% to get to the educational institution %rostertitle% attends? I Specify for one direction only using all the usual means of transport. E `EDU_CORR!=1 && EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	SINGLE-SELECT EDU_TIME 01 ○ Less than 15 minutes 02 ○ 15-30 minutes 03 ○ 31-60 minutes 04 ○ 61-90 minutes 05 ○ More than 90 minutes 06 ○ DO NOT KNOW
EDU9: 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

EDU10: What is the total amount of tuition fees paid by this household for %rostertitle% this year?	SINGLE-SELECT EDU_TOTFEES
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]](#) E `EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	00 ○ NO FEES 01 ○ R 1-R 100 02 ○ R 101-R 200 03 ○ R 201-R 300 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 ○ R 20 001-R 40 000 14 ○ R 40 001-R 80 000 15 ○ More than R 80 000 [And 1 other symbols [3]](#)
EDU11: If no fees were paid for education, why were no fees paid? E `EDU_TOTFEES==0 && EDU_EDUI.InList (1,2,3,4,5,6,7,9) && Age>=5 && EDU_ATTEND==1`	SINGLE-SELECT EDU_NOFEES 01 ○ Cannot afford to pay 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 ○ Other

EDU12: Which grade is %rostertitle% currently attending?	SINGLE-SELECT	EDU_GRDE

EDU12: Which grade is %rostertitle% currently attending?

E EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1

V1 (Education.InRange(0,98) && EDU_GRDE==1) || (Education ==98 && EDU_GRDE==0) || (Education ==1 && EDU_GRDE==2)||(Education ==2 && EDU_GRDE ==3) || (Education ==3 && EDU_GRDE ==4)||(Education ==4 & And 318 other symbols [3]

M1 Error, current grade does not correspond with highest level of education

SINGLE-SELECT   EDU_GRDE

- 00 ○ GRADE R/0
- 01 ○ GRADE 1
- 02 ○ GRADE 2
- 03 ○ GRADE 3
- 04 ○ GRADE 4
- 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 [4]

EDU13: Is %rostertitle% doing the same grade that he/she did last year or before?

E Age>=5 && EDU_ATTEND==1 && EDU_EDUI==2

SINGLE-SELECT   EDU_SAME

- 01 ○ YES
- 02 ○ NO
- 03 ○ DO NOT KNOW

EDU14: 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

EDU15: 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

EDU16: Has %rostertitle% experienced any form of violence, corporal punishment or verbal abuse at school over the past 3 months?

E EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1

SINGLE-SELECT   EDU_VLNC

- 01 ○ YES
- 02 ○ NO
- 03 ○ DO NOT KNOW

EDU17: What kind of violence did %rostertitle% experience?

I   Please note that more than one options can be selected
E   EDU_VLNC==1 && EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1
V1   self.Yes.Length + self.No.Length == 5

M1   Provide an answer for all items
V2   self.Yes.Length>=1

M2   At least one response option should be 'Yes'

MULTI-SELECT: YES/NO   EDU_VLNC_EXP

01	☐/☐	Corporal punishment by teacher
02	☐/☐	Physical violence by teacher
03	☐/☐	Verbal abuse (being insulted, teased or harassed) by teacher
04	☐/☐	Verbal abuse (being insulted, teased, harassed or bullying) by other learners
05	☐/☐	Physical abuse (being hit or punched) by another learner

---

EDU18: Has %rostertitle% been absent from school during the past school calendar week (Monday to Friday)?

E   EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1

SINGLE-SELECT   EDU_ABS

01	○	YES
02	○	NO
03	○	DO NOT KNOW
04	○	Not applicable -school closed e.g. school holiday

EDU19: For how many days was %rostertitle% absent during the past school calendar week (Monday to Friday)?

I   Write the number of days (Maximum 5)
E   EDU_ABS==1 && EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1
V1   EDU_ABS_DAYS >0 && EDU_ABS_DAYS <= 5

M1   The number should be between 1 and 5 days.

NUMERIC: INTEGER   EDU_ABS_DAYS

-- .

EDU20: What is the main reason why %rostertitle% was absent from school during the past calendar week?

E   EDU_ABS==1 && EDU_EDUI==2 && Age>=5 && EDU_ATTEND==1
V1   (Sex==1 && self!=11) || (Sex==2)

M1   Invalid selection only females can select "Menstruation / menstrual period"

SINGLE-SELECT   EDU_ABS_RSN

01	○	Illness
02	○	Did not want to go to school
03	○	Need to take care of someone else at home
04	○	Employed/Working outside the home
05	○	Doing household chores
06	○	The weather was bad
07	○	No money for transport
08	○	Lack of transport/problems with transport
09	○	Writing exams
10	○	Does not feel safe at school
11	○	Menstruation / menstrual period
12	○	OTHER
13	○	DO NOT KNOW

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%
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: How would you describe %rostertitle%'s health in general? Would you say it is…	SINGLE-SELECT HLT_GENHEALTH 01 ◯ Excellent 02 ◯ Very good 03 ◯ Good 04 ◯ Fair 05 ◯ Poor 06 ◯ NOT SURE
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 Please answer all options V1 `self.Yes.Length + self.No.Length == 9` M1 Provide an answer for all items	MULTI-SELECT: YES/NO HLT_CHRONIC_TYPE 01 ☐/☐ Asthma 02 ☐/☐ Diabetes 03 ☐/☐ Cancer 04 ☐/☐ HIV and AIDS 05 ☐/☐ Hypertension/high blood pressure 06 ☐/☐ Arthritis 07 ☐/☐ Stroke 08 ☐/☐ Tuberculosis 09 ☐/☐ Pneumonia / Bronchitis

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / 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

HLT5: What is the current status of this pregnancy? E HLT_PREG==1	SINGLE-SELECT HLT_PREGSTAT 01 ◯ Currently still pregnant 02 ◯ The child has been born alive 03 ◯ The child died in the womb or during childbirth on / after the 7th month of pregnancy (stillbirth) 04 ◯ The child died in the womb or the pregnancy ended before the 7th month of pregnancy (spontaneous abortion / miscarriage) 05 ◯ The pregnancy was ended by choice before the child was born (termination of pregnancy/abortion by choice)

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / HEALTH AND GENERAL FUNCTIONING

GENERAL FUNCTIONING

E Age>=5

DSB1: Does %rostertitle% have difficulty seeing, even if wearing glasses? Would you say... 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 hearing, even if using a hearing aid? Would you say... 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 walking or climbing steps? Would you say... 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 remembering or concentrating? Would you say...	SINGLE-SELECT	DSB_REM

I Read all the options except "DO NOT KNOW".
E DSB_WAL!=null

- 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 all over or dressing? Would you say...

SINGLE-SELECT   DSB_SEL

I Read all the options except "DO NOT KNOW".
E DSB_REM!=null

- 01 ◯ No difficulty
- 02 ◯ Some difficulty
- 03 ◯ A lot of difficulty
- 04 ◯ Cannot do at all / unable to do
- 05 ◯ DO NOT KNOW

DSB6: Using your/his/her usual language, does %rostertitle% have difficulty communicating, for example understanding or being understood? Would you say...

SINGLE-SELECT   DSB_COM

I Read all the options except "DO NOT KNOW".
E DSB_SEL!=null

- 01 ◯ No difficulty
- 02 ◯ Some difficulty
- 03 ◯ A lot of difficulty
- 04 ◯ Cannot do at all / unable to do
- 05 ◯ DO NOT KNOW

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%

SOCIAL GRANTS

SOC1: Does %rostertitle% receive a social grant or social relief assistance from the Government?

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.Contain
   s(2) && Age.InRange(18,59)) || (self.Yes.Contains(3) &&
   Age.InRange(0,17)) || (self.Yes.Contains(4) && Age.InRan
   ge(0,17)) || (self.Yes.Contains And 149 other symbols [1]
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: R2 090; 75+: R2 110; War Veteran's grant: R2 110)
02	☐/☐	Disability Grant (18-59: R2 090)
03	☐/☐	Child Support Grant (R 510)
04	☐/☐	Child Support Grant Top-Up for orphans (CSG Top-Up) (R510+R250=R 760)
05	☐/☐	Care-dependency Grant (R2 090)
06	☐/☐	Foster Care Grant (R1 130)
07	☐/☐	Grant-in-Aid (R510)
08	☐/☐	Special COVID-19 Social relief of distress grant (R350)

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%
ICT
E $fourbyfour && Age>=10

ITP1: Did %rostertitle% own a functional mobile telephone during the past 12 months?

SINGLE-SELECT   ITP_CELL

01 ○ YES
02 ○ NO

ITP2: Does %rostertitle% own a smart phone?

E ITP_CELL ==1

SINGLE-SELECT   ITP_CELL_SPhone

01 ○ YES
02 ○ NO

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE%
ECONOMIC ACTIVITY / 15 YEARS AND OLDER
E IsAnswered(ITP_CELL) && Age >= 15

STATIC TEXT

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 exchange for food or housing
E IsAnswered(ITP_CELL)

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?	SINGLE-SELECT		LAB_VOL
	01	○ YES	
	02	○ NO	

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

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?	SINGLE-SELECT		LAB_RET
	01	○ YES	
	02	○ NO	

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

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / ECONOMIC ACTIVITY / 15 YEARS AND OLDER
EMPLOYED
E CountValue(1,LAB_WGE,LAB_BUS,LAB_VOL,LAB_RET)>=1

LAB5: Is %rostertitle%'s willing to provide the amount she/he earns?	SINGLE-SELECT		LAB_AMOUNT
	01	○ YES	
	02	○ NO	
	03	○ DO NOT KNOW	

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

LAB6: What is %rostertitle%'s total salary/pay at his/her main job?	NUMERIC: INTEGER	LAB_STO
	- .	

E LAB_AMOUNT==1
V1 LAB_STO < 99999998 && LAB_STO>0
M1 Error, please check if correct salary amount is given

LAB7: Is this salary	SINGLE-SELECT		LAB_SALPER
	01	○ Per week	
	02	○ Per month	
	03	○ Annually	

E LAB_AMOUNT==1

LAB8: Please estimate the salary/pay of %rostertitle% for his/her main job	SINGLE-SELECT		LAB_SALC
	01	○ R1-R46 per week | R1-R200 per month | R1 -R2 400 per annum	
	02	○ R47-R115 per week | R201-R 500 per month | R2 401 -R6 000 per annum	
	03	○ R116-R231 per week | R501-R1 000 per month | R6 001 -R12 000 per annum	
	04	○ R232-R346 per week | R1 001-R1 500 per month | R12 001 -R18 000 per annum	
	05	○ R347-R577 per week | R1 501-R2 500 per month | R18 001 -R30 000 per annum	

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

06	○ R578-R808 per week | R2 501-R3 500 per month | R30 001 -R42 000 per annum
07	○ R809-R1 039 per week | R3 501-R4 500 per month | R42 001 -R54 000 per annum
08	○ R1 040-R1 386 per week | R4 501-R6 000 per month | R54 001 -R72 000 per annum
09	○ R1 387-R1 848 per week | R6 001-R8 000 per month | R72 001 -R96 000 per annum
10	○ R1 849-R2 540 per week | R8 001-R11 000 per month | R9 6 001 -R132 000 per annum
11	○ R2 541-R3 695 per week | R1 1 001-R16 000 per month | R 132 001 -R192 000 per annum
12	○ R3 696-R6 928 per week | R1 6 001-R30 000 per month | R 192 001 -R360 000 per annum
13	○ R6 929-R8 654 per week | R3 0 001-R37 500 per month | R 360 001 -R450 000 per annum
14	○ R8 655-R12 500 per week | R 37 501-R54 167 per month | R450 001 -R650 000 per annum
15	○ R12 501-R14 423 per week | R54 168-R62 500 per month | R650 001 -R750 000 per annum
16	○ R14 424-R16 346 per week | R62 501-R70 800 per month | R750 001 -R850 000 per annum

And 4 other symbols [5]

LAB9: What means of transport is usually used by %rostertitle% to get to his/her place of employment? E `LAB_AMOUNT!=null`	SINGLE-SELECT — LAB_TRANSP 01 ⭘ Office is at home 02 ⭘ Walking 03 ⭘ Bicycle 04 ⭘ Motorcycle 05 ⭘ Minibus taxi/ sedan taxi/ bakkie taxi 06 ⭘ Bus 07 ⭘ Train 08 ⭘ Lift club by a group of people sharing a private vehicle 09 ⭘ Own car/other private vehicle 10 ⭘ Company car/staff transport 11 ⭘ OTHER
LAB10: How many minutes does it take %rostertitle% to get to his/her place of employment? E `LAB_TRANSP != 1`	SINGLE-SELECT — LAB_MINS 01 ⭘ Less than 15 minutes 02 ⭘ 15 - 30 minutes 03 ⭘ 31 - 60 minutes 04 ⭘ 61 - 90 minutes 05 ⭘ More than 90 minutes 06 ⭘ DO NOT KNOW
LAB11: Is the organization/business/branch where %rostertitle% works E `LAB_TRANSP!=null`	SINGLE-SELECT — LAB_SECTOR 01 ⭘ In the formal sector (registered to perform an activity) 02 ⭘ In the informal sector (not registered to perform an activity) 03 ⭘ DO NOT KNOW

PERSON FILE / PERSON CHARACTERISTICS ROSTER - %ROSTERTITLE% / ECONOMIC ACTIVITY / 15 YEARS AND OLDER
UNEMPLOYED
E `CountValue(2,LAB_WGE,LAB_BUS,LAB_VOL,LAB_RET) == 4`

LAB12: In the last four weeks, was %rostertitle% looking for any kind of job or trying to start any type of business?	SINGLE-SELECT — LAB_LOOK 01 ⭘ YES 02 ⭘ NO
LAB13: Would %rostertitle% have liked to work during the last week? E `LAB_LOOK == 2`	SINGLE-SELECT — LAB_START 01 ⭘ YES 02 ⭘ NO

LAB14: What was the main reason why %roster title% 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 [6]
LAB15: 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_LOOK==1 || LAB_RNSW!=null	SINGLE-SELECT LAB_ACCJOB 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
LAB16: Indicate the person who completed most of the questions thus far F Age>=10 E IsAnswered(LAB_WGE) && Age >= 15	SINGLE-SELECT: LINKED LAB_RES_NAME SOURCE OF CATEGORIES: ROSTER PRSNINF

HOUSE FILE

E `TOTALHH>=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?

SINGLE-SELECT   HSG_ROOF

E `HSG_WALLS!=null`

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: What is the main material used for the floor of the main dwelling?

SINGLE-SELECT   HSG_FLOOR

E `HSG_ROOF!=null`

01	○ EARTH/SAND
02	○ DUNG
03	○ WOOD/PLANKS
04	○ PARQUET/POLISHED WOOD
05	○ VINYL OR ASPHALT STRIPS
06	○ CERAMIC/PORCELAIN TILES
07	○ CEMENT
08	○ CARPET
09	○ OTHER

HSG5: In what condition are the walls of the main dwelling?

SINGLE-SELECT   HSG_COND_WALL

E `HSG_FLOOR!=null`

01	○ Very weak
02	○ Weak
03	○ Need minor repairs
04	○ Good
05	○ Very good

HSG6: In what condition is the roof of the main dwelling? E HSG_COND_WALL!=null	SINGLE-SELECT HSG_COND_ROOF 01 ○ Very weak 02 ○ Weak 03 ○ Need minor repairs 04 ○ Good 05 ○ Very good
HSG7: In what condition is the floor of the main dwelling? E HSG_COND_ROOF!=null	SINGLE-SELECT HSG_COND_FLOOR 01 ○ Very weak 02 ○ Weak 03 ○ Need minor repairs 04 ○ Good 05 ○ Very good
HSG8: How many rooms in total does this household have (excluding garages)? I Ask respondents to include bedrooms, studies, laundry, pantries, sitting g rooms, dining rooms,rooms with multiple uses, bathrooms, toilets et c. E HSG_COND_FLOOR!=null V1 HSG_RM_TOT>=0 && HSG_RM_TOT<=25 M1 Incorrect if it's not between 0 and 25	NUMERIC: INTEGER HSG_RM_TOT ------------------------------------
HSG9: 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
HSG10: How much rent or mortgage does this household pay per month? E HSG_TENURE.InList(1,2,3,4)	SINGLE-SELECT HSG_Rent 01 ○ Less than R500 02 ○ R501 - R1 000 03 ○ R1 001 - R3 000 04 ○ R3 001 - R5 000 05 ○ R5 001 - R7 000 06 ○ R7 001 - R10 000 07 ○ R10 001 - R15 000 08 ○ More than R15 000 09 ○ DO NOT KNOW

HSG11: Is the dwelling you live in, a government subsidised dwelling (i.e RDP)?	SINGLE-SELECT	HSG_RDP

I Do not include housing subsidies for government employees. This questions refers to the original dwelling before any additions or modifications.
E `HSG_TENURE!=null`

01 ○ YES
02 ○ NO
03 ○ DO NOT KNOW

HSG12: Did any member of this household receive assistance from government to obtain this, or any other dwelling?	SINGLE-SELECT	HSG_SUBSIDY

I Do not include housing subsidies for government employees.
E `HSG_RDP!=null && HSG_MAIND.InList(1,3,4,5,6,7)`

01 ○ YES
02 ○ NO
03 ○ DO NOT KNOW

STATIC TEXT

E `HSG_RDP!=null`

WATER

WAT1: What is the household's main source of water for household use?	SINGLE-SELECT	WAT_DRINKWAT

E `HSG_RDP!=null`

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 ○ Municipal water-carrier/tanker
08 ○ Water vendor (charge involved)
09 ○ Borehole outside yard
10 ○ Flowing water/stream/river
11 ○ Stagnant water/dam/pool
12 ○ Well Protected
13 ○ Well Unprotected
14 ○ Spring Protected
15 ○ Spring Unprotected
16 ○ OTHER

WAT2: How far is the water source from the dwelling or yard?	SINGLE-SELECT	WAT_DIST

I Note that 200m is equal to the length of two football/soccer fields.
E `WAT_DRINKWAT >= 5`

01 ○ Less than 200 metres
02 ○ 201 - 500 metres
03 ○ 501 metres - 1 kilometre
04 ○ More than 1 kilometre
05 ○ DO NOT KNOW

WAT3: How long does it take for members of your household to fetch water (i.e. go there, get water, and come back)? E WAT_DRINKWAT >= 5	SINGLE-SELECT WAT_TIME 01 ◯ Less than 30 minutes 02 ◯ 31-60 minutes 03 ◯ 61-90 minutes 04 ◯ More than 90 minutes 05 ◯ Members do not collect 06 ◯ DO NOT KNOW
WAT4: Did this household use piped or tap water at any time in the past while living in this community, but have stopped as a result of the system breaking down? E WAT_DRINKWAT >= 5	SINGLE-SELECT WAT_PIPE 01 ◯ YES 02 ◯ NO
WAT5: Before any treatment by the household, is the water from the main source... I Please answer all options E WAT_DRINKWAT!=null V1 self.Yes.Length + self.No.Length == 4 M1 Provide an answer for all items	MULTI-SELECT: YES/NO WAT_QUALITY 01 ☐/☐ safe to drink 02 ☐/☐ clear (has no colour/free from mud) 03 ☐/☐ taste good 04 ☐/☐ free from any smells
WAT6: Do household members treat the water used for drinking? I This may include filtering, boiling, adding chlorine or other chemicals. E WAT_DRINKWAT!=null	SINGLE-SELECT WAT_TREAT 01 ◯ Yes, always 02 ◯ Yes, sometimes 03 ◯ No, never
WAT7: Is the household's main source of drinking water supplied by municipality? E WAT_DRINKWAT!=null	SINGLE-SELECT WAT_MUN_SOURCE 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW
WAT8: Does your household have a water meter? I If cost of water is included in a levy/rent paid to a housing complex/owner/landlord, the response should be "No". E WAT_MUN_SOURCE==1	SINGLE-SELECT WAT_METER 01 ◯ YES 02 ◯ NO
WAT9: Does the household pay for municipal water? I If cost of water is included in a levy/rent paid to a housing complex/owner/landlord, the response should be "No". E WAT_MUN_SOURCE==1	SINGLE-SELECT WAT_PAY 01 ◯ YES 02 ◯ NO
WAT10: Has this household 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

WAT11: How often did you experience water interruptions during the last 12 months? E WAT_MUN_SOURCE==1 && WAT_INTE_12mth==1	SINGLE-SELECT WAT_INTE_FREQ 01 ○ Every week 02 ○ A couple of times per month 03 ○ Once per month 04 ○ A couple of times per year 05 ○ Only one time over the past year
WAT12: Thinking about the interruptions in your 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
WAT13: If a water supply interruption over the last 12 months lasted for longer than two days, what alternative water source did the household use during interruption for general household use (cooking,bathing,flushing toilet)? E WAT_MUN_SOURCE==1 && WAT_INTE_12mth==1 && WAT_INTE_2days==1	SINGLE-SELECT WAT_INTE_ALTSOURCE 01 ○ Borehole 02 ○ Spring 03 ○ Well 04 ○ Rain water tank 05 ○ Dam/pool/stagnant water 06 ○ River/stream 07 ○ Bottled water 08 ○ Water vendor 09 ○ Municipal water tanker 10 ○ Saved / Stored water 11 ○ NONE 12 ○ DO NOT KNOW 13 ○ OTHER
WAT14: 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
WAT15: How often do members of this household drink bottled water at home? E WAT_MUN_SOURCE!=null	SINGLE-SELECT WAT_BOTTLE 01 ○ Never 02 ○ Sometimes 03 ○ Often 04 ○ Everyday

STATIC TEXT

E WAT_MUN_SOURCE!=null

SANITATION

SAN1: What type of toilet facility is used by this household? E `WAT_BOTTLE!=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 / portable toilet 05 ○ Pit latrine/toilet with ventilation pipe 06 ○ Pit latrine /toilet without ventilation pipe, with slab 07 ○ Pit latrine/toilet without ventilation pipe, without slab, or an open pit 08 ○ Bucket toilet (collected by municipality) 09 ○ Bucket toilet (emptied by household) 10 ○ Ecological Sanitation Systems (e.g. composting toilet) 11 ○ Open defecation (e.g no facilities, field , bush) 12 ○ OTHER
SAN2: Is the toilet facility shared with other households? E `WAT_BOTTLE!=null && 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 `WAT_BOTTLE!=null && SAN_TOIL!=11` V1 `(SAN_LOCATION!=1 && SAN_TOIL.InList(5,6,7))|| (SAN_LOCATION.InList(1,2,3) && SAN_TOIL.InList(1,2,3,4,8,9,10,11,12))` 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: Has your(pit latrine or septic tank) ever been emptied? E SAN_TOIL.InList(2,3,5,6,7)	SINGLE-SELECT SAN_PIT_EMPTY 01 ○ Yes emptied 02 ○ Never emptied 03 ○ DO NOT KNOW
SAN6: The last time it was emptied, where were the contents emptied to? E SAN_TOIL!=11 && SAN_PIT_EMPTY ==1	SINGLE-SELECT SAN_PIT_DISPOSE 01 ○ Removed by service provider to a treatment plant 02 ○ Removed by service provider and buried in a covered pit 03 ○ Removed by service provider, do not know what they did with it 04 ○ Emptied by household and buried in a covered pit 05 ○ Emptied by household into an uncovered pit, open ground, water body, or other 06 ○ OTHER 07 ○ DO NOT KNOW
SAN7: Does your household have hand washing facilities (e.g basin, bowl, or functioning tippy tap)? E WAT_MUN_SOURCE!=null && SAN_TOIL!=11	SINGLE-SELECT SAN_WASHFAC 01 ○ YES 02 ○ NO 03 ○ DO NOT KNOW
SAN8: After using the toilet, do household members clean their hands using one of the following methods? E SAN_WASHFAC!=null && 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: Is your electricity supplied by... E ENG_MAINS==1	SINGLE-SELECT ENG_SUPPLY 01 ◯ Municipality 02 ◯ Eskom 03 ◯ DO NOT KNOW 04 ◯ OTHER
ENG5: What is the main source of energy/fuel used 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)) 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)) M3 Household does not have a connection to the MAINS electricity supply	SINGLE-SELECT ENG_COOK 01 ◯ Electricity from mains 02 ◯ Other sources of electricity (i.e. generator; battery bank with inverter; solar power hybrid systems) 03 ◯ Gas 04 ◯ Paraffin 05 ◯ Wood 06 ◯ Coal/charcoal 07 ◯ Candles 08 ◯ Animal dung 09 ◯ NONE 10 ◯ OTHER

ENG6: What is the main source of energy/fuel used 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))
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))
M3   Household does not have a connection to the MAINS electricity supply

SINGLE-SELECT   ENG_LIGHT

- 01 ○ Electricity from mains
- 02 ○ Other sources of electricity (i.e. generator; battery bank with inverter; solar power hybrid systems)
- 03 ○ Gas
- 04 ○ Paraffin
- 05 ○ Wood
- 06 ○ Coal/charcoal
- 07 ○ Candles
- 08 ○ Animal dung
- 09 ○ NONE
- 10 ○ OTHER

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

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

SINGLE-SELECT   ENG_SHEAT

- 01 ○ Electricity from mains
- 02 ○ Other sources of electricity (i.e. generator; battery bank with inverter; solar power hybrid systems)
- 03 ○ Gas
- 04 ○ Paraffin
- 05 ○ Wood
- 06 ○ Coal/charcoal
- 07 ○ Candles
- 08 ○ Animal dung
- 09 ○ NONE
- 10 ○ OTHER

ENG8: In the last 7 days, how many days did your household experience scheduled load shedding and/or unscheduled outages or blackouts?

E   ENG_SHEAT!=null

SINGLE-SELECT   ENG_LOADSHED_FREQ

- 01 ○ Everyday
- 02 ○ 5-6 days
- 03 ○ 3-4 days
- 04 ○ 1-2 days
- 05 ○ NEVER

ENG9: What does this household use most of the time as energy for lighting, or as a light source during electrical interruptions / load shedding? E `ENG_SHEAT!=null && ENG_LOADSHED_FREQ!=5`	 01 ◯ Other sources of electricity (i.e. generator; battery bank with inverter; solar power hybrid systems) 02 ◯ Solar-powered lantern or flashlight 03 ◯ Rechargeable flashlight, mobile, torch or lantern 04 ◯ Battery powered flashlight, torch or lantern 05 ◯ Gas 06 ◯ Paraffin 07 ◯ Wood 08 ◯ Candles 09 ◯ NONE 10 ◯ OTHER
ENG10: What type of fuel or energy source does this household use most of the time for cooking food, making tea/coffee and boiling drinking water during electrical interruptions / load shedding? E `ENG_SHEAT!=null && ENG_LOADSHED_FREQ!=5`	 01 ◯ Other sources of electricity (i.e. generator; battery bank with inverter; solar power hybrid systems) 02 ◯ Gas 03 ◯ Paraffin 04 ◯ Wood 05 ◯ Coal/charcoal 06 ◯ Animal dung 07 ◯ NONE 08 ◯ OTHER
ENG11: Does the household pay for electricity? I If cost of electricity is included in a levy/rent Paid to a housing complex/owner/landlord, the response should be "No". E `ENG_LOADSHED_FREQ!=null`	 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW

HOUSE FILE

SOLID WASTE MANAGEMENT, ENVIRONMENT AND RECYCLING

E `ENG_PAY!=null`

SWR1: How is the refuse or rubbish of this household collected or removed? E ENG_PAY!=null	SINGLE-SELECT SWR_RUB 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
SWR2: How often does this household burn some or all of their solid waste? E SWR_RUB.InList(7,9,10)	SINGLE-SELECT SWR_BURNWASTE 01 ○ Everyday 02 ○ A few times per week 03 ○ Every week 04 ○ Every few weeks 05 ○ Every month 06 ○ Less regularly 07 ○ NEVER

SWR3: Which of the following environmental problems do you experience in your community/ neighbouring farms?	MULTI-SELECT: YES/NO		SWR_ENV
	01	☐/☐	Irregular or no waste removal
I Please note that more than one options can be selected	02	☐/☐	Littering
V1 self.Yes.Length + self.No.Length == 6	03	☐/☐	Water pollution
M1 Provide an answer for all items	04	☐/☐	Outdoor/indoor air pollution
	05	☐/☐	Land degradation/over-utilization of natural resources(e.g. soil erosion,potholes and dongas, overgrazing,cutting of trees for firewood)
	06	☐/☐	Excessive noise/noise pollution

HOUSE FILE
COMMUNICATION AND POSTAL SERVICES
E SWR_RUB!=null

COM1: Does this household have a functional/ working fixed-line (landline) telephone in the dwelling?	SINGLE-SELECT		COM_PHONE
	01	○	YES
E SWR_RUB!=null	02	○	NO

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

COM3: Do members of this household use any of the following internet services?	MULTI-SELECT: YES/NO		COM_Internet
	01	☐/☐	Fixed internet connection in the household (e.g.Fibre, ADSL)
I Read all the options.	02	☐/☐	Mobile internet (e.g. mobile broadband such as 3G or 4G on phone, tablet or other device)
E COM_CELL!=null	03	☐/☐	Public or private WiFi (i.e Tshwane WiFi, Food outlets etc)
V1 self.Yes.Length + self.No.Length == 7	04	☐/☐	Internet for students at a school/university/college
M1 Provide an answer for all items	05	☐/☐	Internet at place of work
	06	☐/☐	Internet in a library/community hall/Thusong centre
	07	☐/☐	Internet Cafe

COM4: Does this household receive physical mail through:	MULTI-SELECT: YES/NO		COM_Mail
	01	☐/☐	Mail carrier at home (postal delivery, mailman/woman)
V1 self.Yes.Length + self.No.Length == 4	02	☐/☐	PO Box/ Private bag
M1 Provide an answer for all items	03	☐/☐	Postnet branch
	04	☐/☐	Other (e.g. local delivery office, school, shop)

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). E IsAnswered(COM_Internet) V1 self.Yes.Length + self.No.Length == 3 M1 Provide an answer for all items	MULTI-SELECT: YES/NO TRA 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 I A trip is defined as a one-way journey which starts when you board a mode of transport and ends when you disembark. E TRA.Yes.Contains(1) V1 TRA_Taxi_trips >0 && TRA_Taxi_trips <= 100 M1 Error, Total number of trips should not exceed 100.	NUMERIC: INTEGER TRA_Taxi_trips -----------------------------------
TRA3: How much money was spent in total on taxies by all household members during the last calendar week? 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.	NUMERIC: INTEGER TRA_Taxi_cost -----------------------------------
TRA4: How far (in kilometres) do you have to travel to get to the nearest taxi stop? 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	NUMERIC: INTEGER TRA_taxi_dist -----------------------------------
TRA5: Please specify the total number of trips taken with a bus during the last calendar week. I A trip is defined as a one-way journey which starts when you board a mode of transport and ends when you disembark. E TRA.Yes.Contains(2) V1 TRA_bus_trips >0 && TRA_bus_trips <= 100 M1 Error, Total number of trips should not exceed 100.	NUMERIC: INTEGER TRA_bus_trips -----------------------------------
TRA6: How much money was spent in total on buses by all household members during the last calendar week? 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.	NUMERIC: INTEGER TRA_bus_cost -----------------------------------
TRA7: How far (in kilometres) do you have to travel to get to the nearest bus stop? 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	NUMERIC: INTEGER TRA_Bus_Dist -----------------------------------

TRA8: Please specify the total number of trips taken with a train during the last calendar week.

NUMERIC: INTEGER   TRA_Train_trips

- -

I A trip is defined as a one-way journey which starts when you board a mode of transport and ends when you disembark.
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 kilometres) 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

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

HHW2: What means of transport is usually used by most household members to get to the health facility the household normally uses?	SINGLE-SELECT HHW_TRANSP
	01 ○ Walking
	02 ○ Minibus taxi/sedan taxi/bakkie taxi
	03 ○ Bus
	04 ○ Train
	05 ○ Own Transport
	06 ○ Bicycle/motorcycle
	07 ○ OTHER

HHW3: How long does it take when using the usual means of transport to get to the health facility that this household normally goes to? I Specify for one direction only, using the usual means of transport	SINGLE-SELECT HHW_TIME
	01 ○ Less than 15 minutes
	02 ○ 15-29 minutes
	03 ○ 30-89 minutes
	04 ○ 90 minutes and more
	05 ○ DO NOT KNOW

STATIC TEXT

E IsAnswered(HHW_HLTFAC)

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(HHW_HLTFAC)	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 worried about not having enough food to eat because of a lack of money or other resources? E FSD_Hung_Child!=null	SINGLE-SELECT FSD_WORRIED
	01 ○ YES
	02 ○ NO
	03 ○ DO NOT KNOW
	04 ○ REFUSED

FSD4: During the last 12 MONTHS,was there a time when you or others in your household were unable to eat healthy and nutritious food because of a lack of money or other resources? E FSD_WORRIED!=null	SINGLE-SELECT FSD_HEALTHY 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED
FSD5: 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?	SINGLE-SELECT FSD_FEWFOODS 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED
FSD5a: 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
FSD6: 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
FSD6a: Has it happened 5 or more days in the past 30 days? E FSD_SKIPPED==1	SINGLE-SELECT FSD_SKIPPED_DAYS 01 ◯ Yes 02 ◯ No
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 FSD_ATELESS 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED
FSD7a: Has it happened 5 or more days in the past 30 days? E FSD_ATELESS==1	SINGLE-SELECT FSD_ATELESS_DAYS 01 ◯ Yes 02 ◯ No
FSD8: 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 FSD_RANOUT 01 ◯ YES 02 ◯ NO 03 ◯ DO NOT KNOW 04 ◯ REFUSED
FSD8a: Has it happened 5 or more days in the past 30 days? E FSD_RANOUT==1	SINGLE-SELECT FSD_RANOUT_DAYS 01 ◯ Yes 02 ◯ No

FSD9: During the last 12 MONTHS, was there a time when you or others in your household were hungry but did not eat because there was not enough money or other resources for food?	SINGLE-SELECT FSD_HUNGRY 01 O YES 02 O NO 03 O DO NOT KNOW 04 O REFUSED
FSD10: During the last 12 MONTHS, was there a time when you or others in your household went without eating for a whole day because of a lack of money or other resources?	SINGLE-SELECT FSD_WHLDAY 01 O YES 02 O NO 03 O DO NOT KNOW 04 O REFUSED

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 AGR_Agri 01 O YES 02 O NO
AGR2: How many household members, aged 15 years or older, were involved in these agricultural activities, even if only once in a while? I Please indicate only household members who are 15 years or older. E `AGR_Agri==1` V1 `AGR_AgriNo <= TOTPERSHH` M1 Error, please enter the correct number of household members	NUMERIC: INTEGER AGR_AgriNo - .
AGR3: Indicate the person in the household who manages or is the main decision maker related to agricultural activities. F Age >= 15 && Four_by_Four == 1 E `AGR_Agri==1`	SINGLE-SELECT: LINKED AGR_Agrdecmaker SOURCE OF CATEGORIES: ROSTER PRSNINF

AGR4: Indicate the kind of food production/ agricultural activities that the household is involved in:

I Please note that more than one options can be selected
E `AGR_Agri == 1`
V1 `self.Yes.Length + self.No.Length == 9`
M1 Provide an answer for all items
V2 `self.Yes.Length>=1`
M2 At least one response option should be 'Yes'

MULTI-SELECT: YES/NO   AGR_Agri_type

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

AGR5: 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

AGR6: Indicate where the household practice its crop planting activities

I Please complete all option
E `AGR_Agri==1 && AGR_Agri_type.Yes.ContainsAny(3,4,5,6,8)`
V1 `self.Yes.Length + self.No.Length == 6`
M1 Provide a response for all items

MULTI-SELECT: YES/NO   AGR_PLANT

01	☐/☐	Farm land (communal or private)
02	☐/☐	Backyard garden (can include, vegetables, fruits, grains)
03	☐/☐	School garden (can include, vegetables, fruits, grains)
04	☐/☐	Communal garden (more than one household involved, can include vegetables, fruits, grains)
05	☐/☐	On verges of roads and unused public/municipal land
06	☐/☐	OTHER

FIN1: What are the sources of income for this household?	MULTI-SELECT: YES/NO FIN_INC
I Read all the options except"NO INCOME".	01 ☐/☐ Salaries/wages/commission
E AGR_Agri!=null	02 ☐/☐ Income from a business
V1 self.Yes.Length + self.No.Length == 8	03 ☐/☐ Remittances (money received from people living elsewhere)
M1 Provide a response for all items	04 ☐/☐ Pensions
V2 !(self.Yes.Contains(8) && self.Yes.ContainsAny(1,2,3,4,5,6,7))	05 ☐/☐ Grants (include old age grant here)
M2 Cannot select YES, on NO INCOME if you selected YES to any other option(s).	06 ☐/☐ Sales of farming products and services
V3 !(self.No.Contains(8) && self.No.ContainsAll (1,2,3,4,5,6,7))	07 ☐/☐ Other income sources e.g. rental income, interest
M3 Cannot select No, on NO INCOME if you selected NO to all the income options.	08 ☐/☐ NO INCOME

FIN2: Which one of the above income sources is the main source of income?	SINGLE-SELECT FIN_INC_MAIN
I FIN_INC.Contains((decimal)FIN_INC_MAIN). Error, Selected option is not part of income sources	01 ◯ Salaries/wages/commission
F FIN_INC.Yes.Contains(@optioncode)	02 ◯ Income from a business
E FIN_INC.Yes.ContainsAny(1,2,3,4,5,6,7)	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?	NUMERIC: INTEGER FIN_REM
E FIN_INC.Yes.Contains(3)	
V1 FIN_REM < 999999	– .
M1 Error, Please specify the correct amount	

FIN4: Please specify approximately how much households receive per month in pensions (do not include income from old age grants)?	NUMERIC: INTEGER FIN_PEN
E FIN_INC.Yes.Contains(4)	
V1 FIN_PEN < 999999	– .
M1 Error, Please specify the correct amount	

FIN5: Which net household income per month in Rand would be the absolute minimum for your household? That is to say, you would not be able to make ends meet if you earned less.	NUMERIC: INTEGER FIN_REQINC
E IsAnswered(FIN_INC)	
V1 FIN_REQINC < 999999	– .
M1 Error, please specify the correct amount	

FIN6: Is the total monthly income of your household higher, lower or more or less the same as the minimum income given above? E `FIN_REQINC!=null` V1 `FIN_REQINC >= 0 & FIN_REQINC <999999` M1 Error, please specify the correct amount	SINGLE-SELECT FIN_COMPINC 01 ◯ Much higher 02 ◯ Higher 03 ◯ More or less the same 04 ◯ Lower 05 ◯ Much lower
FIN7: What was the total household expenditure in the last month? E `FIN_COMPINC!=null`	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 - R19 999 11 ◯ R20 000 - R39 999 12 ◯ R40 000 or more 13 ◯ Do not know 14 ◯ Refuse
HWL1: Does the household own one or more motor vehicle(s) in working condition (e.g. a car/bakkie/van/truck)? E `FIN_EXP!=null`	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)? E `HWL_Vehicle!=null`	SINGLE-SELECT HWL_DOMW 01 ◯ YES 02 ◯ NO
HWL4: Would you say you and your household are at present… E `HWL_DOMW!=null`	SINGLE-SELECT HWL_STATUS 01 ◯ Wealthy 02 ◯ Very comfortable 03 ◯ Reasonably comfortable 04 ◯ Just getting along 05 ◯ Poor 06 ◯ Very poor

HWL5: Are you happier, the same or less happy with life than you were ten years ago? E `HWL_STATUS!=null`	SINGLE-SELECT HWL_HAPPY 01 ◯ Happier 02 ◯ The same 03 ◯ Less happy 04 ◯ REFUSED 05 ◯ DO NOT KNOW
HWL6: Does the household own any of the foll owing? I The item should be in working order. E `HWL_HAPPY!=null` V1 `self.Yes.Length + self.No.Length == 24` M1 Provide a response for all items	MULTI-SELECT: YES/NO HWL_Assets 01 ☐/☐ TV Set 02 ☐/☐ Swimming Pool 03 ☐/☐ DVD Player/ Blu Ray Pl ayer 04 ☐/☐ Pay TV (M-Net/ DSTV/T opTV) Subscription 05 ☐/☐ Air conditioner (excludi ng fans) 06 ☐/☐ Computer/ Desktop/ L aptop / Tablet Comput er 07 ☐/☐ Vacuum Cleaner 08 ☐/☐ Dish washing machine 09 ☐/☐ Washing Machine 10 ☐/☐ Tumble dryer 11 ☐/☐ Deep freezer - free sta nding 12 ☐/☐ Refrigerator or Combi ned Fridge Freezer 13 ☐/☐ Electric Stove 14 ☐/☐ Microwave oven 15 ☐/☐ Built-in kitchen sink 16 ☐/☐ Home Security Service And 8 other symbols [7]
HWL7: Indicate the name of person who answe red most of the questions in the household sec tion. F Age >= 10 && Four_by_Four == 1 E `IsAnswered(HWL_Assets)`	SINGLE-SELECT: LINKED HWL_RES_NAME SOURCE OF CATEGORIES: ROSTER PRSNINF

SURVEY OFFICER QUESTIONS: RESULT CODES AND COMMENTS

E   `IsAnswered(Ques_No) && IsAnswered(DUNO_ref) && IsAnswered(Prov) && IsAnswered(MRN_ID)&& IsAnswered(Anyperson_DU)`

 INTERVIEWER! Please indicate number of visit ?

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 `RVISITS.Count(v=>v.@rowcode<(self-1) && v.visitResult.InList(11))==0`

M1 You should not be revisiting households after the completed visit!

NUMERIC: INTEGER   nvisits

SPECIAL VALUES

01	First visit
02	Second visit
03	Third visit
04	Fourth visit

SURVEY OFFICER QUESTIONS: RESULT CODES AND COMMENTS

Roster: %VISITTITLE% - VISIT

generated by numeric question `nvisits`

RVISITS

STATIC TEXT

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

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

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

Visitation logic check:

 INTERVIEWER! Record the date and time of the visit!

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

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

DATE: CURRENT TIME   visitTimestamp

VARIABLE

`IsAnswered(visitTimestamp) ? visitTimestamp.ToString() : " "`

STRING   visitTitle

▢ INTERVIEWER! What was the result of the visit ?	SINGLE-SELECT visitResult
E IsAnswered(visitTimestamp)	11 ○ COMPLETED
V1 (self.InList(21,31,32,33,34,35,36,38) && Anyperson_DU==3) || (self.InList(11,12,24,37) && Anyperson_DU==1)|| (se lf==22 && Anyperson_DU==2) || (self== 23 && Anyperson_DU == 4)	12 ○ PARTLY COMPLETED
M1 Please complete Q4 (Particulars of dwelling unit) and select the correct result code.	21 ○ NON-CONTACT
	22 ○ REFUSAL
	23 ○ OTHER NON-RESPONSE
	24 ○ NO USABLE INFORMATION
	31 ○ UNOCCUPIED DWELLING
	32 ○ VACANT DWELLING
	33 ○ DEMOLISHED DWELLING
	34 ○ NEW DWELLING UNDER CO NSTRUCTION
	35 ○ STATUS CHANGED
	36 ○ LISTING/ CLASSIFICATION ER ROR
	37 ○ INELIGIBLE HOUSEHOLD
	38 ○ OTHER OUT-OF-SCOPE
What was the main reason for the refusal?	SINGLE-SELECT RefusalReason1
E visitResult==22	01 ○ TOO BUSY
	02 ○ NOT INTERESTED
	03 ○ RESPONDENT FATIGUE
	04 ○ ANTI-GOVERNMENT ATTITU DES
	05 ○ SURVEY NOT MANDATORY
	06 ○ PRIVACY/CONFIDENTIALITY CONCERNS
	07 ○ WON'T OPEN DOOR TO STR ANGERS/SECURITY CONCER NS
	08 ○ FEAR OF NEGATIVE CONSEQ UENCE
	09 ○ OTHER
Please specify "OTHER" reason for refusal.	TEXT OtherRefusal1
I Please use CAPITAL LETTERS.	
E RefusalReason1==9	....
Date of next visit	DATE DateNextVisit1
E visitResult.InList(12,21)	
V1 Interview_Date<=self	....
M1 Planned next visit CANNOT be before the interview date	

INTERVIEWER! Record the sampled dwelling's location!	GPS visitLocation
E visitResult!= null	N
V1 Location.GpsDistance(visitLocation)<30	
M1 Please make sure you are at the correct DU point at the end of the interview. GPS cordinates should match that of the starting point GPS cordinates.	W
	A

SURVEY OFFICER QUESTIONS: RESULT CODES AND COMMENTS / %VISITTITLE% - VISIT
SURVEY OFFICER QUESTIONS
E `visitResult.InList(11,12)`

1. In what language was the main part of the interview conducted?	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 ◯ SIGN LANGUAGE
	11 ◯ SISWATI
	12 ◯ TSHIVENDA
	13 ◯ XITSONGA
	14 ◯ OTHER (SPECIFY)
1a. Specify other language	TEXT Q1antlanguage
E Q1ntLanguage==14	

2. Indicate the type of main dwelling that the household occupies. E `IsAnswered(Q1ntLanguage)`	SINGLE-SELECT Q2DweType 01 ◯ DWELLING/ HOUSE OR BRICK/CONCRETE BLOCK STRUCTURE ON A SEPARATE STAND OR YARD OR FARM 02 ◯ TRADITIONAL DWELLING HUT/ STRUCTURE MADE OF TRADITIONAL MATERIALS 03 ◯ FLAT OF 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/ FLAT ON A PROPERTY OR A LARGER DWELLING/ SERVANTS' QUARTERS/GRANNY FLAT 11 ◯ CARAVAN/ TENT 12 ◯ OTHER (SPECIFY)
2a Indicate the other main dwelling. E `Q2DweType==12`	TEXT Q2aOtrDweling ··
3. What type of living quarters are these? E `IsAnswered(Q2DweType)`	SINGLE-SELECT Q3Dwelling 01 ◯ PRIVATE DWELLING 02 ◯ WORKERS HOSTEL
4. What is the type of the main dwelling at these living quarters? E `IsAnswered(Q3Dwelling)`	SINGLE-SELECT Q4MainDwelling 01 ◯ FORMAL 02 ◯ INFORMAL

STATIC TEXT

E `RVISITS.All(x=>x.visitResult!=null) && nvisits!=null`

FINAL RESULT CODE FOR SUPERVISOR: QUESTIONNAIRE

Indicate the final result code for the questionnaire

E   `RVISITS.All(x=>x.visitResult!=null) && nvisits!=null`

V1   `RVISITS.LastOrDefault()?.visitResult==FinalResult`

M1   Please make sure the final result code is equal to the last visit result code

Code	Option
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 U.C
35	○ STATUS CHANGE
36	○ LISTING / CLASSIFICATION ERROR
37	○ NON-HOUSEHOLD MEMBER
38	○ OTHER OUT-OF-SCOPE

Reason for not completing the questionnaire

E   `FinalResult.InList(12,22,23,24,35,36,37)`

TEXT   NonResponse
SCOPE: SUPERVISOR

....

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] 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(0,17)) ||
(self.Yes.Contains(6) && Age.InRange(0,22)) ||
(self.Yes.Contains(7) && 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

[2] 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

[3] EDU_GRDE: EDU12: Which grade is %rostertitle% currently attending?
Validation Condition:

```
(Education.InRange(0,98) && EDU_GRDE==1) || (Education ==98 && EDU_GRDE==0) || (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

APPENDIX B — INSTRUCTIONS

[1] PERSON_NAME: Name and surname of household members

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: EDU10: 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 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, 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 WITH GRADE 12/STD 10/OCCUPATIONAL CERTIFICATE-NQF Level 5, 22:DIPLOMA WITH GRADE 12/STANDARD 10/ OCCUPATIONAL CERTIFICATE- NQF LEVEL 6, 23:HIGHER DIPLOMA/OCCUPATIONAL CERTIFICATE (B-TECH)-NQF LEVEL 7, 24:BACHELOR'S DEGREE/OCCUPATIONAL CERTIFICATE - NQF LEVEL 7, 25:HONOUR'S DEGREE/POSTGRADUATE DIPLOMA/ OCCUPATIONAL CERTIFICATE -NQF LEVEL 8, 26:MASTER'S DEGREE AND POST HIGHER DIPLOMA (M TECH) - NQF LEVEL 9, 27:DOCTORAL DEGREES (D TECH AND PHD)- NQF LEVEL 10, 28:OTHER, 29:DO NOT KNOW

[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 institution 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:Family commitment (e.g child minding), 8:Education is useless or not interesting, 9:Unable to perform at school, 10:Illness, 11:Pregnancy, 12:Failed exams, 13:Got married, 14:Disability, 15:Violence in school, 16:Not accepted for enrolment, 17:Do not have time/too busy, 18:OTHER

[3] EDU_TOTFEES: EDU10: What is the total amount of tuition fees paid by this household for %rostertitle% this year?
Categories: 0:NO FEES, 1:R 1-R 100, 2:R 101-R 200, 3:R 201-R 300, 4:R 301-R 500, 5:R 501-R 1 000, 6:R 1 001-R 2 000, 7:R 2 001-R 3 000, 8:R 3 001-R 4 000, 9: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:R 20 001-R 40 000, 14:R 40 001-R 80 000, 15:More than R 80 000, 16:DO NOT KNOW

[4] EDU_GRDE: EDU12: 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

[5] LAB_SALC: LAB8: Please estimate the salary/pay of %rostertitle% for his/her main job
Categories: 1:R1-R46 per week | R1-R200 per month | R1 -R2 400 per annum, 2:R47-R115 per week | R201-R500 per month | R2 401 -R6 000 per annum, 3:R116-R231 per week | R501-R1 000 per month | R6 001 -R12 000 per annum, 4:R232-R346 per week | R1 001-R1 500 per month | R12 001 -R18 000 per annum, 5:R347-R577 per week | R1 501-R2 500 per month | R18 001 -R30 000 per annum, 6:R578-R808 per week | R2 501-R3 500 per month | R30 001 -R42 000 per annum, 7:R809-R1 039 per week | R3 501-R4 500 per month | R42 001 -R54 000 per annum, 8:R1 040-R1 386 per week | R4 501-R6 000 per month | R54 001 -R72 000 per annum, 9:R1 387-R1 848 per week | R6 001-R8 000 per month | R72 001 -R96 000 per annum, 10:R1 849-R2 540 per week | R8 001-R11 000 per month | R96 001 -R132 000 per annum, 11:R2 541-R3 695 per week | R11 001-R16 000 per month | R132 001 -R192 000 per annum, 12:R3 696-R6 928 per week | R16 001-R30 000 per month | R192 001 -R360 000 per annum, 13:R6 929-R8 654 per week | R30 001-R37 500 per month | R360 001 -R450 000 per annum, 14:R8 655-R12 500 per week | R37 501-R54 167 per month | R450 001 -R650 000 per annum, 15:R12 501-R14 423 per week | R54 168-R62 500 per month | R650 001 -R750 000 per annum, 16:R14 424-R16 346 per week | R62 501-R70 800 per month | R750 001 -R850 000 per annum, 17:R16 347-R19 231 per week | R70 801-R83 300 per month | R850 001 -R1 000 000 per annum, 18:R19 232 or more per week | R83 301 or more per month | R1 000 001 or more per annum, 19:DO NOT KNOW, 20:REFUSED

[6] LAB_RNSW: LAB14: What was the main reason why %rostertitle% did not try to find work or start a business in the last four weeks?
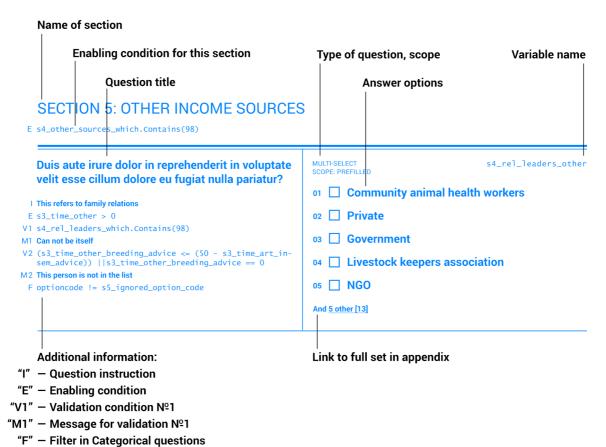Categories: 1:Awaiting the season for work, 2:Waiting to be recalled from a job, 3:Health reasons, 4:Pregnancy, 5:Disabled or Unabled to work (handicapped), 6:Housewife/ Homemaker (family considerations/ child care), 7:Undergoing training to help find work, 8:No jobs available in the area, 9:Lack of 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

[7] HWL_Assets: HWL6: Does the household own any of the following?
Categories: 1:TV Set, 2:Swimming Pool, 3:DVD Player/ Blu Ray Player, 4:Pay TV (M-Net/ DSTV/TopTV) Subscription, 5:Air conditioner (excluding fans), 6:Computer/ Desktop/ Laptop / Tablet Computer, 7:Vacuum Cleaner, 8:Dish washing machine, 9:Washing Machine, 10:Tumble dryer, 11:Deep freezer - free standing, 12:Refrigerator or Combined Fridge Freezer, 13:Electric Stove, 14:Microwave oven, 15:Built-in kitchen sink, 16:Home Security Service, 17:Home theatre system, 18:Geyser, providing hot water, 19:Solar hot water geyser, 20:Solar electric panel(s), 21:Rain water tank, 22:Borehole, 23:Radio, 24:Gas Stove

LEGEND

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?

MULTI-SELECT
SCOPE: PREFILLED   s4_rel_leaders_other

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

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