

Bounded Structure Update Questionnaire 2022

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

IDENTIFICATION OF POINT LOCATION (BOUNDED STRUCTURE/DWELLING)

No sub-sections, No rosters, Questions: 2, Static texts: 2, Variables: 2.

BOUNDED STRUCTURE

Sub-sections: 1, Rosters: 3, Questions: 45, Static texts: 7, Variables: 9.

HOUSEHOLDS

Sub-sections: 11, Rosters: 11, Questions: 313, Static texts: 32, Variables: 30.

COVID-19 SCREENING FORM

Sub-sections: 3, Rosters: 3, Questions: 20, Static texts: 1.

REGISTER NEW HOUSEHOLDS

Sub-sections: 10, Rosters: 8, Questions: 253, Static texts: 18, Variables: 22.

HOUSEHOLD SOCIO-ECONOMIC

Sub-sections: 2, Rosters: 5, Questions: 101, Static texts: 2, Variables: 2.

BOUNDED STRUCTURE MERGING

Sub-sections: 1, No rosters, Questions: 15, Static texts: 2.

BS REFUSALS

Sub-sections: 1, No rosters, Questions: 9, Static texts: 1.

HH REFUSALS

Sub-sections: 1, Rosters: 1, Questions: 10, Static texts: 1.

APPENDIX A — ENABLING CONDITIONS

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

APPENDIX C — CATEGORIES

APPENDIX D — VARIABLES

APPENDIX E — CATEGORIES FILTERS

LEGEND

SURVEY IDENTIFICATION INFORMATION

QUESTIONNAIRE DESCRIPTION

Basic information

Title Bounded Structure Update Questionnaire 2022

Version identifier 8

Version notes Version 1 (2021-03-17) - Original Questionnaire Version 2 (2021-03-17) - Original Questionnaire Version 3 (2021-06-14) - SAPRIN COVID changes (2nd Vaccination Type) Version 4 (2021-07-28) - Age variable changes Version 5 (2021-09-01) - Age Calculation Changes Version 6 (2021-09-10) - Modified trk_visit_type enable condition Version 7 (2021-11-19) - Included Household Residencies Roster Version 8 (2022-02-03) - Date validation changes

Survey data information

Study type Household Survey

Kind of data Observation data/ratings [obs]

Mode of Data Collection CAPI

Survey information

Country South Africa

Year 2020

Languages English / Zulu

IDENTIFICATION OF POINT LOCATION (BOUNDED STRUCTURE/DWELLING)

BS Coordinates	GPS bs_coordinates SCOPE: IDENTIFYING ----- N ----- W ----- A
Record the GPS coordinates for verification you are in correct physical location.	GPS gps_coordinates ----- N ----- W ----- A
VARIABLE gps_coordinates != null ? gps_coordinates.Accuracy : 0	DOUBLE var_gps_accuracy
VARIABLE gps_coordinates != null ? gps_coordinates.Altitude : 0	DOUBLE var_gps_altitude

STATIC TEXT

Accuracy: %var_gps_accuracy%

STATIC TEXT

Altitude: %var_gps_altitude%

BOUNDED STRUCTURE

bs_section

Interview	TEXT SCOPE: IDENTIFYING -----	bs_interview
Document ID	NUMERIC: INTEGER SCOPE: HIDDEN -----	document_id
BS IntID	NUMERIC: INTEGER SCOPE: HIDDEN -----	bs_intid

STATIC TEXT

%bs_interview%

STATIC TEXT

(ÜÜ) - Allow estimated date ('UU') capturing

List each visit reference(s) you wish to capture (on a new line) in sequential order starting at 1, eg. 1, 2...3

LIST
bs_visit_ref_list

- V1 self.All(x=>x.Item2.IsNumber());
- M1 Please enter valid numeric reference.
- V2 \$validate_visit_reference
- M2 The first visit reference has to start at '1' and the following visit references should be in sequential order.
- V3 self.Select(x=>x.Item2.ToUpper()).Distinct().Count()==self.Count()
- M3 Duplicate visit reference entered.

BOUNDED STRUCTURE

Roster: VISIT ATTEMPTS

generated by list question [bs_visit_ref_list](#)

bs_visit_roster

Record visit attempt date	DATE: CURRENT TIME -----	bs_visit_attempt
Record type of Visit I If the Type is not displayed, then start typing the first characters to filter the lookup list and then select from the list.	SINGLE-SELECT: COMBO BOX bs_visit_attempt_type 10 <input type="radio"/> CLO - Community Liaison Office Visit 21 <input type="radio"/> FUT - Unsuccessful Visit 13 <input type="radio"/> GIS - Mapping Visit 05 <input type="radio"/> OTH - _other 14 <input type="radio"/> PSL - Problem Solving 15 <input type="radio"/> QLC - Quality Control 16 <input type="radio"/> RFS - Refused Visit 17 <input type="radio"/> RGL - Regular Visit 19 <input type="radio"/> SPC - Spot Check 20 <input type="radio"/> TRK - Tracking	
Comment	TEXT -----	bs_visit_attempt_comment

<p>Was this a telephonic visit or field visit?</p> <p>I FORTRACKERS E 1==1; //bs_visit_attempt_type == 20 W1 bs_visit_roster.Count(x=>x.trk_visit_type == 1)<4 M1 Only 3 telephonic visits is allowed.</p>	<p>SINGLE-SELECT: COMBO BOX trk_visit_type</p> <p>01 <input type="radio"/> Telephonic visit 02 <input type="radio"/> Field visit</p>
<p>What is the visit outcome?</p>	<p>SINGLE-SELECT: COMBO BOX bs_non_contact</p> <p>01 <input type="radio"/> Contact 02 <input type="radio"/> Non-contact</p>
<p>Comment for non-contact</p> <p>E bs_non_contact == 2</p>	<p>TEXT bs_non_contact_comment</p> <p>.....</p>
<p>Are you transferring to tracking or rescheduling a visit?</p> <p>E bs_non_contact == 2</p>	<p>SINGLE-SELECT: COMBO BOX vis_outcome_action</p> <p>01 <input type="radio"/> Transferring to tracking 02 <input type="radio"/> Reschedule a visit 03 <input type="radio"/> Non-contact</p>
<p>Why do you want to transfer record to tracking?</p> <p>E vis_outcome_action == 1</p>	<p>SINGLE-SELECT: COMBO BOX transfer_reason</p> <p>01 <input type="radio"/> Found late afternoon only 02 <input type="radio"/> Found late afternoon or Sunday 03 <input type="radio"/> Found Sunday only 04 <input type="radio"/> Working away from homestead but within DSA</p>
<p>When are you visiting the BS again?</p> <p>E vis_outcome_action == 2</p>	<p>DATE reschedule_visit</p> <p>.....</p>
<p>VARIABLE bs_visit_roster.Where(v=> v.bs_visit_attempt_type != 21).OrderByDescending(v => v.bs_visit_attempt).First().bs_visit_attempt</p>	<p>DATETIME current_visit</p>
<p>VARIABLE String.Format("{0:yyyy-MM-dd}", current_visit)</p>	<p>STRING var_bs_current_visit_string</p>
<p>VARIABLE bs_visit_roster.OrderByDescending(v => v.bs_visit_attempt).First().bs_visit_attempt</p>	<p>LONG current_contact</p>
<p>VARIABLE bs_visit_roster.OrderByDescending(v => v.bs_visit_attempt).First().trk_visit_type</p>	<p>LONG current_trk_vis_type</p>
<p>VARIABLE bs_visit_roster.Where(v => v.bs_visit_attempt_type == 20 && v.trk_visit_type == 1 && v.bs_non_contact == 1).Any()</p>	<p>BOOLEAN any_trk_vis</p>
<p>VARIABLE bs_visit_roster.Where(v => v.bs_visit_attempt_type != 21).Any() //bs_visit_roster.Where(v => v.bs_non_contact == 2).Any()</p>	<p>BOOLEAN successful_contact</p>
<p>BS Type</p>	<p>TEXT SCOPE: HIDDEN bs_type</p> <p>.....</p>

<p>Who is the informant for the Bounded Structure?</p> <p>E bs_type == "B"</p>	<p>SINGLE-SELECT: COMBO BOX bs_informant_type</p> <p>07 <input type="radio"/> HHH - Household Head</p> <p>08 <input type="radio"/> HMB - Household Member</p> <p>09 <input type="radio"/> MOH - Member of other HH</p> <p>11 <input type="radio"/> NBR - Neighbour</p> <p>03 <input type="radio"/> NON - _none</p> <p>04 <input type="radio"/> OTH - _other</p> <p>12 <input type="radio"/> OWN - Owner</p> <p>15 <input type="radio"/> STM - Staff Member</p>
<p>Informant TempID / DSID</p> <p>E bs_informant_type != 3 && bs_informant_type != 12</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	<p>TEXT bs_informant_dsid</p> <p>.....</p>
<p>Informant HH</p> <p>E bs_informant_type == 9 bs_informant_type == 11</p>	<p>TEXT bs_informant_hh</p> <p>.....</p>
<p>Informant BSID</p> <p>E bs_informant_type == 11</p>	<p>NUMERIC: INTEGER bs_informant_bsid</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>99998 Don't know</p>
<p>Informant Detail</p> <p>E bs_informant_type == 4 bs_informant_type == 9 bs_informant_type == 11 bs_informant_type == 15</p>	<p>TEXT bs_informant_detail</p> <p>.....</p>
<p>Was permission to participate given?</p> <p>E successful_contact == true current_contact != 21 //current_contact == 2</p>	<p>SINGLE-SELECT: COMBO BOX bs_refusal</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No, Refused</p>
<p>What is the reason for refusal?</p> <p>E bs_refusal == 2</p>	<p>TEXT bs_refusal_comment</p> <p>.....</p>
<p>Are you transferring this BS, to whom?</p> <p>E bs_refusal == 2</p>	<p>SINGLE-SELECT: COMBO BOX transfer_bs_refusal</p> <p>01 <input type="radio"/> Field Supervisor</p> <p>02 <input type="radio"/> Community Engagement</p>
<p>Has BS ownership changed since last visit?</p>	<p>SINGLE-SELECT: COMBO BOX bs_owner_changed</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Who is current owner (Surname, Firstname)</p> <p>E bs_owner_changed == 1</p>	<p>TEXT bs_owner</p> <p>.....</p>
<p>Update physical address of BS, if previously not given or if needs correction</p>	<p>TEXT bs_address</p> <p>.....</p>
<p>Start date of Bounded Structure</p>	<p>TEXT bs_start_date</p> <p>SCOPE: HIDDEN</p> <p>.....</p>

STATIC TEXT

Start date of Bounded Structure %bs_start_date%

Isigodi

SINGLE-SELECT: COMBO BOX
SCOPE: HIDDEN

bs_isigodi

- 07 BNZ - Banzaneni
- 08 DEP - Deprecated
- 01 DFT - _default
- 10 DKB - Dukumbane
- 09 DKD - Dukuduku
- 02 DKN - _don't know
- 11 EBS - Ebaswazini
- 12 EGH - Egula (Hlabisa)
- 13 EGM - Egula (Mdletshe)
- 14 EKP - Ekuphisweni
- 15 EPB - Empembeni
- 16 ESV - Esiyembeni
- 17 GUN - Gunjaneni
- 18 HLM - Hlabisa Mission
- 19 HMB - Hlambanyathi
- 20 INW - Inhlawathi

[And 53 other symbols \[1\]](#)

STATIC TEXT

Isigodi %bs_isigodi%

Local Area Name

SINGLE-SELECT: COMBO BOX
SCOPE: HIDDEN

bs_local_area

- 008 AFR - African
- 012 BBZ - Bhofoza
- 009 BDG - Bhedangaye
- 010 BHK - Bhekamandla
- 013 BHZ - Bhokoza
- 011 BKZ - Bhekuzulu
- 015 BNS - Bongumusa
- 016 BUY - Buya
- 014 BYI - Bonanyoni
- 018 CHB - Chwebeni
- 017 CKL - Cakula
- 019 DAY - Danyini
- 022 DBL - Dubelenkunzi
- 001 DFT - _default
- 020 DIB - Dibheni
- 023 DKG - Dukungane

[And 172 other symbols \[2\]](#)

STATIC TEXT

Local Area Name %bs_local_area%

Nearest BSID

TEXT
SCOPE: HIDDEN

bs_nearest_bsid

.....

STATIC TEXT

Nearest BSID %bs_nearest_bsid%

BOUNDED STRUCTURE

COMMUNITY ENGAGEMENT ACTIVITIES

bs_ceu_activities

<p>Did you know our organisation, AHRI, was going to visit you this week?</p>	<p>SINGLE-SELECT: COMBO BOX bs_visit_confirmation 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>How did you learn that we were going to visit you?</p>	<p>MULTI-SELECT bs_visit_know_how 01 <input type="checkbox"/> Roadshows 02 <input type="checkbox"/> Community dialogues 03 <input type="checkbox"/> Community meetings 04 <input type="checkbox"/> Commemorative events (e.g. World AIDS Day, Mandela Day, etc) 05 <input type="checkbox"/> Presentation by our staff at meetings held by other organisations 06 <input type="checkbox"/> Community sport or music events 07 <input type="checkbox"/> Radio programme 08 <input type="checkbox"/> SMS sent by our organisation 09 <input type="checkbox"/> School based-events 99 <input type="checkbox"/> Others</p>
<p>Specify</p>	<p>TEXT bs_visit_know_specify </p>
<p>BS Type List</p>	<p>LIST SCOPE: HIDDEN bs_type_list </p>

I Mark all that apply
 E bs_visit_confirmation == 1

E bs_visit_know_how.Contains(99)

BOUNDED STRUCTURE
 Roster: CURRENT BS TYPES
 generated by list question [bs_type_list](#)

bs_type_list_roster

<p>BS Type Code</p>	<p>TEXT SCOPE: HIDDEN bs_type_code </p>
<p>VARIABLE bs_type_code == "BAR" ? 1 : bs_type_code == "CHU" ? 2 : bs_type_code == "FCL" ? 3 : bs_type_code == "HMS" ? 4 : bs_type_code == "PSL" ? 5 : bs_type_code == "SHP" ? 6 : bs_type_code == "SSL" ? 7 : bs_t</p>	<p>LONG var_bs_type_option_code</p>
<p>Has this BS Type Ended?</p>	<p>SINGLE-SELECT: COMBO BOX bs_type_end 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>

[And 54 other symbols \[1\]](#)

<p>On what date did the type end? (ÜÜ)</p> <p>E bs_type_end == 1 V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT bs_type_end_date</p> <p>.....</p>
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<p>Are there any new additional types to this Bounded Structure?</p>	<p>SINGLE-SELECT: COMBO BOX bs_new_types</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
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<p>Select all the new or additional types</p> <p>I Mark all that apply F ((bs_type_list_roster.Any(x=> x.var_bs_type_option_code == 1) ? @optioncode != 1 : @optioncode != 0) && (bs_type_list_roster.Any(x=> x.var_bs_type_option_code == 2) ? @optioncode != 2 : @optioncode And 734 other symbols f11) E bs_new_types == 1</p>	<p>MULTI-SELECT: ORDERED bs_types</p> <p>01 <input type="checkbox"/> BAR - Bar, Restaurant 02 <input type="checkbox"/> CHU - Church 03 <input type="checkbox"/> FCL - Fixed Clinic 04 <input type="checkbox"/> HMS - Homestead 05 <input type="checkbox"/> PSL - Primary School 06 <input type="checkbox"/> SHP - Shop 07 <input type="checkbox"/> SSL - Secondary School 08 <input type="checkbox"/> WKS - Workshop 09 <input type="checkbox"/> HOP - Hospital 99 <input type="checkbox"/> OTH - Other</p>
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BOUNDED STRUCTURE
Roster: NEW BS TYPES
generated by multi-select question [bs_types](#) bs_types_roster

<p>On what date did the type Start? (ÜÜ)</p> <p>V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT bs_type_start_date</p> <p>.....</p>
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<p>Previous BS State</p>	<p>TEXT bs_previous_state SCOPE: HIDDEN</p> <p>.....</p>
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<p>What is the current state of the BS? %bs_previous_state%</p>	<p>SINGLE-SELECT: COMBO BOX bs_current_state</p> <p>05 <input type="radio"/> BKD - Broken Down 06 <input type="radio"/> DST - Destroyed 07 <input type="radio"/> UCN - Under Construction 08 <input type="radio"/> USB - Usable</p>
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On what date did the state change? (ÜÜ)

TEXT

bs_state_change_date

E (bs_current_state == 5 && bs_previous_state != "BKD") ? true : ((bs_current_state == 6 && bs_previous_state != "DST") ? true : ((bs_current_state == 7 && bs_previous_state != "UCN") ? true : ((bs_curr

.....

- V1 \$validate_date
- M1 Invalid date format.
- V2 \$validate_century
- M2 Invalid century date format.
- V3 \$validate_year
- M3 Invalid year date format.
- V4 \$validate_month
- M4 Invalid month date format.
- V5 \$validate_day
- M5 Invalid day date format.

BS previously functional

TEXT
SCOPE: HIDDEN

bs_prev_functional

.....

VARIABLE
(bs_prev_functional == "Y") ? "Functional" : (bs_prev_functional == "N") ? "Not Functional" : "Unknown"

STRING

var_bs_prev_functional_name

Is BS currently functional?
[%var_bs_prev_functional_name%](#)

SINGLE-SELECT: COMBO BOX

bs_currently_functional

- 01 Yes
- 02 No

- V1 bs_currently_functional > 0
- M1 Please provide a valid option.

Would you like to Merge this BS with another?

SINGLE-SELECT: COMBO BOX

bs_merging

- 01 Yes
- 02 No

I This BS will be removed.

VARIABLE
IsSectionAnswered(bs_section) ? "" : "This section contains unanswered questions."

STRING

bs_section_answered

STATIC TEXT

E !string.IsNullOrEmpty(bs_section_answered)
[%bs_section_answered%](#)

HOUSEHOLDS

E bs_refusal == 1

HHID	LIST SCOPE: HIDDEN	hhu_list
Household Residencies List	LIST SCOPE: HIDDEN	hh_res_list

HOUSEHOLDS Roster: HOUSEHOLD RESIDENCIES generated by list question hh_res_list	hh_res_roster
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HOUSEHOLDS Roster: HOUSEHOLDS generated by list question hhu_list	household_roster
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HH IntID	NUMERIC: INTEGER SCOPE: HIDDEN	hh_intid
HH Head	TEXT SCOPE: HIDDEN	current_hh_head

HOUSEHOLDS / HOUSEHOLDS Roster: HH VISIT generated by list question bs_visit_ref_list	hh_visit_roster
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E bs_visit_roster[@rowcode].bs_non_contact == 1

What is the visit outcome?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Contact 02 <input type="radio"/> Non-contact	hhu_non_contact
Comment for non-contact E hhu_non_contact == 2	TEXT	hhu_non_contact_comment
Are you transferring to tracking or rescheduling a visit? E hhu_non_contact == 2	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Transferring to tracking 02 <input type="radio"/> Reschedule a visit 03 <input type="radio"/> Non-contact	hh_vis_outcome_action
Why do you want to transfer record to tracking? E hh_vis_outcome_action == 1	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Found late afternoon only 02 <input type="radio"/> Found late afternoon or Sunday 03 <input type="radio"/> Found Sunday only 04 <input type="radio"/> Working away from homestead but within DSA	hh_transfer_reason

<p>When are you visiting the household again?</p> <p>E hh_vis_outcome_action == 2</p>	<p>DATE hh_reschedule_visit</p> <p>.....</p>
<p>STATIC TEXT</p> <p><i>Could you please tell me the names of all new members of your household not on the household roster but who are 'currently' resident here?</i></p>	
<p>STATIC TEXT</p> <p><i>Could you please tell me the names of all new members of your household not on the household roster but who are 'currently' not usually resident here?</i></p>	
<p>STATIC TEXT</p> <p><i>Are there any other people not on the household roster but who are usually resident with your household and usually eat together with your household, e.g. domestic workers or children attending school?</i></p>	
<p>STATIC TEXT</p> <p><i>Has any person who had become a member of your household after last visit died or out-migrated and is not listed on the household roster?</i></p>	
<p>List the members of household %rostertitle%</p>	<p>LIST hhu_members_list</p> <p>.....</p>
<p>Member Cellular List</p>	<p>LIST mem_cell_list</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Who is the informant for the household?</p>	<p>SINGLE-SELECT: COMBO BOX hh_informant_type</p> <p>07 <input type="radio"/> HHH - Household Head</p> <p>08 <input type="radio"/> HMB - Household Member</p> <p>11 <input type="radio"/> NBR - Neighbour</p> <p>04 <input type="radio"/> OTH - _other</p> <p>15 <input type="radio"/> STM - Staff Member</p>
<p>Informant TempID / DSID</p> <p>E hh_informant_type == 8</p>	<p>SINGLE-SELECT: LINKED hh_informant_dsid</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST</p>
<p>Informant TempID / DSID</p> <p>E hh_informant_type == 11 hh_informant_type == 4</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	<p>TEXT hh_informant_oth_dsid</p> <p>.....</p>
<p>HHID</p> <p>E hh_informant_type == 11</p>	<p>TEXT hh_informant_hh</p> <p>.....</p>
<p>BSID</p> <p>E hh_informant_type == 11</p>	<p>NUMERIC: INTEGER hh_informant_bs</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>99998 Don't know</p>
<p>Informant Detail</p> <p>E hh_informant_type == 11 hh_informant_type == 4</p>	<p>TEXT hh_informant_detail</p> <p>.....</p>

<p>Was permission to participate given?</p> <p>E hh_visit_roster.Where(v => v.hhu_non_contact == 1).Any()</p>	<p>SINGLE-SELECT: COMBO BOX hhu_refusal</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No, Refused</p>
<p>What is the reason for refusal?</p> <p>E hhu_refusal == 2</p>	<p>TEXT hh_refusal_comment</p> <p>.....</p>
<p>Are you transferring this BS, to whom?</p> <p>E hhu_refusal == 2</p>	<p>SINGLE-SELECT: COMBO BOX transfer_hh_refusal</p> <p>01 <input type="radio"/> Field Supervisor</p> <p>02 <input type="radio"/> Community Engagement</p>
<p>STATIC TEXT</p> <p><i>PIP Household Consent</i></p>	
<p>Consent to receive unconditional 50 Rand household food voucher?</p> <p>E hhu_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhu_food_voucher</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Barcode</p> <p>E hhu_food_voucher == 1</p>	<p>BARCODE hhu_voucher_barcode</p>
<p>To which cellphone number should we SMS the voucher code?</p> <p>I FOR TRACKERS ONLY</p> <p>E hhu_food_voucher == 1 && any_trk_vis == true</p>	<p>SINGLE-SELECT: LINKED cell_voucher</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION MEM_CELL_LIST</p>
<p>Other Cellphone number</p> <p>I FOR TRACKERS ONLY</p> <p>E cell_voucher == 50</p>	<p>TEXT cell_voucher_other</p> <p>.....</p>
<p>Consent to Household Questionnaires?</p> <p>E hhu_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhu_household_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Do you consent to allow us to collect data about your household through a telephonic interview; whereby we will call yourself or any adult household member who has telephone number and telephonically ask the same questions we are asking now?</p> <p>E hhu_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhu_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Consent to understand process of notification of new households and reimbursement?</p> <p>E hhu_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhu_notification_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Was the consent person a member of this household?</p>	<p>SINGLE-SELECT: COMBO BOX hhu_consent_mem</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Consent TempID/DSID</p> <p>E hhu_consent_mem == 1</p>	<p>SINGLE-SELECT: LINKED hhu_consent_dsid</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU_MEMBERS_LIST</p>

<p>Other consent member TempID/DSID</p> <p>E hhu_consent_mem == 2 V1 \$validate_dsid M1 Invalid DSID /TempID</p>	<p>TEXT</p> <p>hhu_consent_dsid_oth</p> <p>.....</p>
<p>Is participant able to write?</p> <p>E current_trk_vis_type != 1</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hhu_consent_can_sign</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Participant consent signature</p> <p>I PARTICIPANT CONSENT SIGNATURE E hhu_consent_can_sign == 1</p>	<p>PICTURE</p> <p>hhu_consent_sign</p>
<p>Participant consent date</p> <p>I PARTICIPANT CONSENT DATE E hhu_consent_can_sign == 1</p>	<p>DATE: CURRENT TIME</p> <p>hhu_consent_date</p> <p>.....</p>
<p>Witness consent signature</p> <p>I WITNESS CONSENT SIGNATURE E hhu_consent_can_sign == 2</p>	<p>PICTURE</p> <p>hhu_witness_sign</p>
<p>Witness consent date</p> <p>I WITNESS CONSENT DATE E hhu_consent_can_sign == 2</p>	<p>DATE: CURRENT TIME</p> <p>hhu_witness_date</p> <p>.....</p>

HOUSEHOLDS / HOUSEHOLDS
COMMUNITY ENGAGEMENT ACTIVITIES

hhu_ceu_activities

<p>Did you know our organisation [AHRI] was going to visit you this week?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hhu_visit_confirmation</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>How did you learn that we were going to visit you?</p> <p>I Mark all that apply E hhu_visit_confirmation == 1</p>	<p>MULTI-SELECT</p> <p>hhu_visit_know_how</p> <p>01 <input type="checkbox"/> Roadshows 02 <input type="checkbox"/> Community dialogues 03 <input type="checkbox"/> Community meetings 04 <input type="checkbox"/> Commemorative events (e.g. World AIDS Day, Mandela Day, etc) 05 <input type="checkbox"/> Presentation by our staff at meetings held by other organisations 06 <input type="checkbox"/> Community sport or music events 07 <input type="checkbox"/> Radio programme 08 <input type="checkbox"/> SMS sent by our organisation 09 <input type="checkbox"/> School based-events 99 <input type="checkbox"/> Others</p>
<p>Specify</p> <p>E hhu_visit_know_how.Contains(99)</p>	<p>TEXT</p> <p>hhu_visit_know_specify</p> <p>.....</p>

HOUSEHOLDS / HOUSEHOLDS
HOUSEHOLD UPDATE

E hhu_refusal == 1

Is the Household still resident?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes 02 <input type="radio"/> No	hhu_still_resident
----------------------------------	---	--------------------

When did the household end its residency? (ÜÜ)	TEXT	hhu_end_date
---	---------------	--------------

E hhu_still_resident == 2
V1 \$validate_date
M1 Invalid date format.
V2 \$validate_century
M2 Invalid century date format.
V3 \$validate_year
M3 Invalid year date format.
V4 \$validate_month
M4 Invalid month date format.
V5 \$validate_day
M5 Invalid day date format.

How did the household end its residency?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Household has ended 02 <input type="radio"/> Household out migrated (Internally) 03 <input type="radio"/> Household out migrated (Externally)	hhu_end_type
--	--	--------------

E hhu_still_resident == 2

VARIABLE hhu_end_type == 2 ? "INTERNAL OUT MIGRATION" : hhu_end_type == 3 ? "EXTERNAL OUT MIGRATION" : ""	STRING	hhu_household_migration_type
--	--------	------------------------------

STATIC TEXT

E hhu_still_resident == 2

NB: Please note you only choose household migrated (externally or internally) if all or some resident household members have migrated with the household head, otherwise treat the migration as individual or groups of individuals migrating together. Also treat remaining resident members as old household continuing its residency)

Did all the members migrate with the household?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes 02 <input type="radio"/> No	hhu_all_migrated
---	---	------------------

E hhu_still_resident == 2 && (hhu_end_type == 2 || hhu_end_type == 3)

Please select the members who migrated with the household?	MULTI-SELECT: LINKED SOURCE OF CATEGORIES: ROSTER MEMBERS ROSTER	hhu_selected_mem_mig
--	---	----------------------

I Mark all that apply
E hhu_all_migrated == 2

HOUSEHOLDS / HOUSEHOLDS / HOUSEHOLD UPDATE
%HHU_HOUSEHOLD_MIGRATION_TYPE%

E hhu_end_type == 2 || hhu_end_type == 3

<p>What was the main reason this household migrated?</p> <p>I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hhu_mgn_code</p> <p>01 <input type="radio"/> ABS - To look after a Bounded Structure</p> <p>02 <input type="radio"/> ACB - Built or bought house</p> <p>03 <input type="radio"/> ACH - Household formation</p> <p>04 <input type="radio"/> ACM - Accommodation</p> <p>05 <input type="radio"/> ACR - Changed rented accommodation</p> <p>06 <input type="radio"/> CAR - Caring</p> <p>07 <input type="radio"/> CCD - To be cared for</p> <p>08 <input type="radio"/> CCF - Was caring for someone</p> <p>09 <input type="radio"/> CCS - To care for someone</p> <p>10 <input type="radio"/> DFT - Default</p> <p>11 <input type="radio"/> DKN - Dont Know or No Reason given</p> <p>12 <input type="radio"/> ECJ - Changed jobs</p> <p>13 <input type="radio"/> EDU - Education</p> <p>14 <input type="radio"/> EFS - Finished School</p> <p>15 <input type="radio"/> ELD - Left employment as a domestic worker</p> <p>16 <input type="radio"/> ELE - Left Employment</p> <p>And 26 other symbols [9]</p>
<p>If "Other" then specify</p> <p>E hhu_mgn_code == 32</p>	<p>TEXT hhu_mgn_code_specify</p> <p>.....</p>
<p>Location of destination place of residence?</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hhu_end_type == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhu_mgn_loc_destination</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [10]</p>
<p>Place name or description?</p> <p>E hhu_end_type == 3</p>	<p>TEXT hhu_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E hhu_end_type == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhu_mgn_other_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hhu_mgn_other_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
---	---

<p>Specify area type</p> <p>E hhu_end_type == 3 && hhu_mgn_other_place_urban == 2</p>	<p>TEXT hhu_mgn_oth_place_specify</p> <p>.....</p>
---	---

<p>Is the place an institution?</p> <p>E hhu_end_type == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhu_mgn_oth_place_institution</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
--	--

<p>Migration Details</p>	<p>TEXT hhu_mgn_mig_detail</p> <p>.....</p>
--------------------------	--

<p>VARIABLE</p> <p>hhu_selected_mem_mig?.Length == null ? 0 : hhu_selected_mem_mig.Length</p>	<p>LONG var_hh_mem_migrate</p>
---	---

<p>Did any / all of the remaining members (excluding the head) migrate alone or together?</p> <p>E (hhu_all_migrated == 2 && var_hh_mem_migrate != hhu_members_list.Length) hhu_end_type == 1</p>	<p>SINGLE-SELECT: COMBO BOX mem_multi_migration</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--	---

<p>Please select the members who migrated, alone or together?</p> <p>I Mark all that apply</p> <p>F (hhu_end_type == 2 hhu_end_type == 3) ? !hhu_selected_mem_mig.Any(p=>p[1]==@rowcode) : true</p> <p>E mem_multi_migration == 1</p>	<p>MULTI-SELECT: LINKED sel_mem_multi_mig</p> <p>SOURCE OF CATEGORIES: ROSTER MEMBERS ROSTER</p>
---	---

<p>STATIC TEXT</p> <p>E mem_multi_migration==1</p> <p>CHECK: Ensure that a multiple or single migration has been completed for the selected member(s)</p>	
--	--

<p>VARIABLE</p> <p>sel_mem_multi_mig?.Length == null ? 0 : sel_mem_multi_mig.Length</p>	<p>LONG var_mem_multi_count</p>
---	--

<p>Did any / all of the remaining members joined an existing household at this BS?</p> <p>E (hhu_all_migrated == 2 && (mem_multi_migration == 2 (var_mem_multi_count + var_hh_mem_migrate) != hhu_members_list.Length)) (hhu_end_type == 1 && (mem_multi_migration == 2 var_mem_multi_count And 29 other symbols [2])</p>	<p>SINGLE-SELECT: COMBO BOX mem_join_household</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--	--

<p>Please select the members who joined an existing household at this BS?</p> <p>I Mark all that apply</p> <p>F (hhu_end_type == 2 hhu_end_type == 3) ? (mem_multi_migration == 1 ? (!hhu_selected_mem_mig.Any(p=>p[1]==@rowcode) && !sel_mem_multi_mig.Any(p=>p[1]==@rowcode)) : (!hhu_selected_mem_mig.Any(And 106 other symbols [2])))</p> <p>E mem_join_household == 1</p>	<p>MULTI-SELECT: LINKED selected_mem_join_hh</p> <p>SOURCE OF CATEGORIES: ROSTER MEMBERS ROSTER</p>
---	--

STATIC TEXT

E mem_join_household == 1

CHECK: Has the member(s) been added to the existing household(s).

VARIABLE selected_mem_join_hh?.Length == null ? 0 : selected_mem_join_hh.Length	LONG var_mem_join_count
Did any / all of the remaining members formed a new household at this BS? E (hhu_all_migrated == 2 && ((mem_multi_migration == 2 && mem_join_household == 2) ((var_mem_multi_count + var_hh_mem_migrate) != hhu_members_list.Length && mem_join_household == 2) (mem_multi_mig And 497 other symbols [3]	SINGLE-SELECT: COMBO BOX mem_formed_household 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Please select the members who formed a new household at this BS? I Mark all that apply F (hhu_end_type == 2 hhu_end_type == 3) ? (mem_multi_migration == 1 && mem_join_household == 1 ? (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode) && !sel_mem_multi_mig.Any(p => p[1] == @rowcode) && And 684 other symbols [3]) : 0 E mem_formed_household == 1	MULTI-SELECT: LINKED SOURCE OF CATEGORIES: ROSTER MEMBERS ROSTER selected_mem_form_hh

STATIC TEXT

E mem_formed_household == 1

CHECK: Has the member(s) been added to the newly formed household(s).

VARIABLE selected_mem_form_hh?.Length == null ? 0 : selected_mem_form_hh.Length	LONG var_mem_form_count
VARIABLE hhu_still_resident == 2 && hhu_all_migrated == 2 && ((var_hh_mem_migrate + var_mem_multi_count + var_mem_join_count + var_mem_form_count) != hhu_members_list.Length)	BOOLEAN var_remaining_members
VARIABLE var_remaining_members == true ? "THERE ARE STILL UNRESOLVED MEMBERS." : string.Empty;	STRING var_remaining_mem_str

STATIC TEXT

E var_remaining_members == true

%var_remaining_mem_str%

Has household head changed? %current_hh_head%	SINGLE-SELECT: COMBO BOX hhu_head_changed 01 <input type="radio"/> Yes 02 <input type="radio"/> No
On which date did household head change? (ÜÜ) E hhu_head_changed == 1 V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.	TEXT hhu_head_changed_date
VARIABLE hhu_list[@rowcode -1].ToString().Right(2)	STRING var_current_hh_name

<p>Did some of the members (Excluding the head) migrate together?</p> <p>E hhu_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX mem_milti_mig</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>How many multiple migrations would you like to capture?</p> <p>E mem_milti_mig == 1</p>	<p>NUMERIC: INTEGER mem_multi_mig_count</p> <p>-----</p>

HOUSEHOLDS / HOUSEHOLDS

Roster: MULTIPLE MIGRATIONS

generated by numeric question [mem_multi_mig_count](#)

multiple_mig_roster

<p>Please select the members who migrated together?</p> <p>I Mark all that apply</p>	<p>MULTI-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST multi_mig_mem</p>
<p>Did the members In or Out migrate?</p>	<p>SINGLE-SELECT: COMBO BOX multi_mig_residency_direction</p> <p>01 <input type="radio"/> In-migrated</p> <p>02 <input type="radio"/> Out-migrated</p>
<p>Did the members migrate from/to within or outside the PIPSA?</p>	<p>SINGLE-SELECT: COMBO BOX multi_mig_surveillance_area</p> <p>01 <input type="radio"/> Within PIPSA</p> <p>02 <input type="radio"/> Outside PIPSA</p>
<p>VARIABLE</p> <p>multi_mig_residency_direction == 1 ? (multi_mig_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (multi_mig_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")) : (multi_mig_residency_direction</p> <p>And 143 other symbols [2]</p>	<p>STRING multi_mgn_string</p>

HOUSEHOLDS / HOUSEHOLDS / MULTIPLE MIGRATIONS

%MULTI_MGN_STRING%

E multi_mig_residency_direction > 0 && multi_mig_surveillance_area > 0

<p>When did the individuals start/stop being resident at this BS? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT multi_mgn_date</p> <p>-----</p>
---	--

What was the main reason these individuals migrated?

I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX multi_mgn_code

- 01 ABS - To look after a Bounded Structure
- 02 ACB - Built or bought house
- 03 ACH - Household formation
- 04 ACM - Accommodation
- 05 ACR - Changed rented accommodation
- 06 CAR - Caring
- 07 CCD - To be cared for
- 08 CCF - Was caring for someone
- 09 CCS - To care for someone
- 10 DFT - Default
- 11 DKN - Dont Know or No Reason given
- 12 ECJ - Changed jobs
- 13 EDU - Education
- 14 EFS - Finished School
- 15 ELD - Left employment as a domestic worker
- 16 ELE - Left Employment

[And 26 other symbols \[11\]](#)

If "Other" then specify

E multi_mgn_code == 32

TEXT multi_mgn_code_specify

.....

Other BSID

E multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 1
 V1 self > 9999 && self < 99999
 M1 Invalid BSID entered.

NUMERIC: INTEGER multi_mgn_other_bsid

SPECIAL VALUES

99997 NAD - Not Applicable

99998 DKN - Don't Know

Other HHID

E multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 1

TEXT multi_mgn_other_hhid

.....

<p>Location of destination place of residence?</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E (multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 2) (multi_mig_residency_direction == 2 && multi_mig_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX multi_mgn_destination_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [12]</p>
<p>Place name or description?</p> <p>E (multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 2) (multi_mig_residency_direction == 2 && multi_mig_surveillance_area == 2)</p>	<p>TEXT multi_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E (multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 2) (multi_mig_residency_direction == 2 && multi_mig_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX multi_mgn_other_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING multi_mgn_oth_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E multi_mgn_other_place_urban == 2</p>	<p>TEXT multi_mgn_oth_place_specify</p> <p>.....</p>
<p>Is the place an institution?</p> <p>E (multi_mig_residency_direction == 1 && multi_mig_surveillance_area == 2) (multi_mig_residency_direction == 2 && multi_mig_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX multi_mgn_oth_place_institute</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Migration Details</p>	<p>TEXT multi_mgn_migration_detail</p> <p>.....</p>

E hhu_refusal == 1

Member Registered IntID	NUMERIC: INTEGER SCOPE: HIDDEN -----	mem_reg_intid
Has CHL form	NUMERIC: INTEGER SCOPE: HIDDEN -----	hm_has_chl
Has pregnancy history	TEXT SCOPE: HIDDEN -----	hm_has_preg_history
DSID	TEXT SCOPE: HIDDEN -----	hm_dsid
VARIABLE string.IsNullOrEmpty(hm_dsid) ? var_current_hh_name + @r owcode.ToString() : hm_dsid	STRING	var_mem_dsid_tempid
STATIC TEXT		
<i>DSID/TempID: %var_mem_dsid_tempid%</i>		
Is this a new member? I FOR MIGRATION RECONCILIATORS ONLY E string.IsNullOrEmpty(hm_dsid)	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes 02 <input type="radio"/> No	hmu_is_new_member
DSID E hmu_is_new_member == 2 V1 \$validate_dsid M1 Invalid DSID / TempID	TEXT -----	hmu_member_dsid
Surname	TEXT -----	hm_surname
First Name	TEXT -----	hm_name_1
Second Name	TEXT -----	hm_name_2
Maiden name (if applicable) E hm_gender == "FEM" hm_current_gender == 2	TEXT -----	hm_maiden_name
Were civilian ID details obtained?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes, seen 02 <input type="radio"/> Yes, but not seen 03 <input type="radio"/> No	hm_civil_id_detail

<p>Civilian ID No.</p> <p>E hm_civil_id_detail > 0 && hm_civil_id_detail < 3 V1 hm_current_civil_id.Length == 13 M1 Invalid civilian Id length V2 \$validate_civil_id_1 M2 Invalid civilian Id</p>	<p>TEXT hm_current_civil_id</p> <p>-----</p>
<p>VARIABLE</p> <p>Convert.ToInt32(hm_current_civil_id.Substring(0, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(2, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(4, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(6, 1))</p> <p>And 136 other symbols [3]</p>	<p>LONG cid_odd</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <p>(Convert.ToInt32(hm_current_civil_id.Substring(1, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(3, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(5, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(7, 1)))</p> <p>And 72 other symbols [4]</p>	<p>STRING cid_even_str</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <p>(cid_even_str.Length == 2 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1))) : cid_even_str.Length == 3 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1))) : 0)</p> <p>And 1403 other symbols [5]</p>	<p>LONG cid_even_int</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <p>cid_odd + cid_even_int</p>	<p>LONG cid_odd_even</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <p>10 - Convert.ToInt32(cid_odd_even.ToString().Substring(1, 1))</p>	<p>LONG cid_odd_even_chk</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <p>Convert.ToInt32(hm_current_civil_id.Substring(12, 1))</p>	<p>LONG cid_chk</p> <p>This variable is excluded from the exported data</p>
<p>Civilian ID Date of Birth</p>	<p>TEXT hm_civil_id_dob</p> <p>SCOPE: HIDDEN</p> <p>-----</p>

Civilian ID Date of Birth (ÜÜ)

TEXT hm_current_civil_id_dob

- V1 \$validate_date
- M1 Invalid date format.
- V2 (!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ? (hm_current_civil_id_dob.Substring(2, 2) == hm_current_civil_id.Substring(0, 2) ? true : false) : true
- M2 Civilian Id and date of birth does not match.
- V3 (!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ? (hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (hm_current_civil_id_dob.Substring(5, 2) [And 69 other symbols \[1\]](#))
- M3 Civilian Id and date of birth does not match.
- V4 (!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ? (hm_current_civil_id_dob.Substring(8, 2).IsIntegerNumber() ? (hm_current_civil_id_dob.Substring(8, 2) [And 69 other symbols \[1\]](#))
- M4 Civilian Id and date of birth does not match.
- V5 \$validate_century
- M5 Invalid century date format.
- V6 \$validate_year
- M6 Invalid year date format.
- V7 \$validate_month
- M7 Invalid month date format.
- V8 \$validate_day
- M8 Invalid day date format.

Age

NUMERIC: INTEGER var_age_0
SCOPE: HIDDEN

VARIABLE
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber()) && hm_current_civil_id_dob

[And 412 other symbols \[6\]](#)

LONG var_age_full

VARIABLE
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber()) ? (Int32.Parse(hm_current_civil_id_dob.Substring(5, 2))) : 0

[And 758 other symbols \[7\]](#)

LONG var_age_month

VARIABLE
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? (current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4))) : 0)

[And 186 other symbols \[8\]](#)

LONG var_age_year

VARIABLE
var_age_full > 0 ? var_age_full : var_age_month > 0 ? var_age_month : var_age_year > 0 ? var_age_year : var_age_0 > 0 ? var_age_0 : 0; /*!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber()) : 0

[And 1668 other symbols \[9\]](#)

LONG var_mem_age

VARIABLE
(!string.IsNullOrEmpty(hm_current_civil_id_dob) && !string.IsNullOrWhiteSpace(hm_current_civil_id_dob)) || var_mem_age >= 0 ? "Age: " + var_mem_age.ToString() : (!string.IsNullOrEmpty(hm_civil_id_dob) ? (hm_civil_id_dob.Substring(5, 2).IsIntegerNumber()) : 0)

[And 142 other symbols \[10\]](#)

STRING var_mem_age_str

STATIC TEXT

%var_mem_age_str%

<p>Sex</p>	<p>TEXT hm_gender SCOPE: HIDDEN</p> <p>.....</p>
<p>Sex %hm_gender%</p> <p>V1 (!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrEmpty(hm_current_civil_id)) ? ((hm_current_gender == 1 && Convert.ToInt32(hm_current_civil_id.Substring(6, 4)) > 4999 ? true : false And 115 other symbols [2]</p> <p>M1 Civilian Id and Sex does not match.</p> <p>W2 hm_gender == "MAL" ? hm_current_gender == 1 : (hm_gender == "FEM" ? hm_current_gender == 2 : false)</p> <p>M2 You have changed the gender from %hm_gender%</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_gender</p> <p>01 <input type="radio"/> Male</p> <p>02 <input type="radio"/> Female</p>
<p>Does %roster% have a primary telephone number?</p>	<p>SINGLE-SELECT: COMBO BOX hm_has_primary_tel</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is the primary telephone number for %roster%?</p> <p>I Enter 999 999 9999 if the Telephone number is not known or not applicable.</p> <p>E hm_has_primary_tel == 1</p>	<p>TEXT hm_tel_primary</p> <p>.....</p>
<p>Who is the cellphone network service provider for %roster%'s primary contact number?</p> <p>E hm_has_primary_tel == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_tel_provider_primary</p> <p>01 <input type="radio"/> CLC - Cell C</p> <p>02 <input type="radio"/> DEP - Question not asked</p> <p>03 <input type="radio"/> DKN - Dont know Network Provider</p> <p>04 <input type="radio"/> MTN - MTN</p> <p>05 <input type="radio"/> TKM - Telkom Mobile (8ta)</p> <p>06 <input type="radio"/> VDM - Vodacom</p> <p>07 <input type="radio"/> VGN - Virgin Mobile</p> <p>08 <input type="radio"/> OTH - Other</p>
<p>Specify</p> <p>E hm_tel_provider_primary == 8</p>	<p>TEXT hm_tel_primary_oth_specify</p> <p>.....</p>
<p>Does %roster% have a secondary telephone number?</p>	<p>SINGLE-SELECT: COMBO BOX hm_has_secondary_tel</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is the secondary telephone number for %roster%?</p> <p>I Enter 999 999 9999 if the Telephone number is not known or not applicable.</p> <p>E hm_has_secondary_tel == 1</p>	<p>TEXT hm_tel_secondary</p> <p>.....</p>
<p>Who is the cellphone network service provider for %roster%'s primary contact number?</p> <p>E hm_has_secondary_tel == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_tel_provider_secondary</p> <p>01 <input type="radio"/> CLC - Cell C</p> <p>02 <input type="radio"/> DEP - Question not asked</p> <p>03 <input type="radio"/> DKN - Dont know Network Provider</p> <p>04 <input type="radio"/> MTN - MTN</p> <p>05 <input type="radio"/> TKM - Telkom Mobile (8ta)</p> <p>06 <input type="radio"/> VDM - Vodacom</p> <p>07 <input type="radio"/> VGN - Virgin Mobile</p> <p>08 <input type="radio"/> OTH - Other</p>

Specify E hm_tel_provider_secondary == 8	TEXT hm_tel_secondary_oth_specify
When did %rostartertitle% become a household member?	TEXT SCOPE: HIDDEN hm_start_date

STATIC TEXT

E !string.IsNullOrEmpty(hm_dsid)

When did %rostartertitle% become a household member? %hm_start_date%

When did %rostartertitle% become a household member? E string.IsNullOrEmpty(hm_dsid)	SINGLE-SELECT: COMBO BOX hm_membership_start_type 01 <input type="radio"/> When Household formed 02 <input type="radio"/> At birth 03 <input type="radio"/> Membership Rule Start 04 <input type="radio"/> On In-Migration 05 <input type="radio"/> Other
---	---

Membership start date (ÜÜ) E hm_membership_start_type == 5 V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.	TEXT hm_start_date_other
--	--------------------------------------

Is %rostartertitle% still a household member now?	SINGLE-SELECT: COMBO BOX hm_now_member 01 <input type="radio"/> Yes 02 <input type="radio"/> No, died 03 <input type="radio"/> No, membership ended
---	---

What is the membership end type? E hm_now_member == 3	SINGLE-SELECT: COMBO BOX hm_end_type 02 <input type="radio"/> DKN - _don't know 38 <input type="radio"/> EIO - External Individual OutMigration 43 <input type="radio"/> HME - Household Membership End 04 <input type="radio"/> NAD - _non applicable
--	---

Membership end date? (ÜÜ) E hm_now_member > 1 V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.	TEXT hm_end_date
---	------------------------------

Was a death certificate seen?

SINGLE-SELECT: COMBO BOX

hm_dtn_death_certificate

- 01 Yes
02 No

STATIC TEXT

Where did name die?

Setting

I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_dtn_setting

- 07 ACC - Africa Centre Counselling Centre
02 DKN - _don't know
08 FCL - Fixed Clinic (not further specified)
09 GFC - Governmental (public) Fixed Clinic
10 GHP - Governmental (public) Hospital
11 GPS - Governmental (public) Primary School
12 GSS - Governmental (public) Secondary School
14 HOP - Hospital (not further specified)
15 MCL - Mobile Clinic
04 NAD - _non applicable
16 OEF - Other Educational Facility
18 OHM - Own Home
17 OHS - Other Homestead
05 OTH - _other
20 PCL - Private Clinic
21 PHP - Private Hospital

[And 8 other symbols \[13\]](#)

Care Provider

I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_dtn_care_provider

- 10 CHW - Community Health Worker
11 COU - Counsellor
03 DKN - _don't know
12 FAM - Family Member
13 GPR - General Practitioner
14 MDT - Medical Doctor
15 MED - Medical Professional
05 NAD - _non applicable
16 NBR - Neighbour
06 NON - _none
17 NRS - Nurse / Midwife
18 OHP - Other Health Professional
07 OTH - _other
09 RFS - _refused
19 SLF - Self
20 SMD - Specialised Medical Doctor

[And 1 other symbols \[14\]](#)

<p>Location</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_dtn_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [15]</p>
<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_dtn_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [16]</p>
<p>Other BSID</p> <p>E hm_dtn_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hm_dtn_bsid_other</p> <p>-----</p>
<p>Is the place in a rural or urban area?</p> <p>E (hm_dtn_bsid == 99997 hm_dtn_bsid == 99998) && !(hm_dtn_setting == 18 && hm_dtn_location == 9)</p>	<p>SINGLE-SELECT: COMBO BOX hm_dtn_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_dtn_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_dtn_place_urban == 2</p>	<p>TEXT hm_dtn_place_specify</p> <p>.....</p>
<p>Description of the place of death</p> <p>E (hm_dtn_bsid == 99997 hm_dtn_bsid == 99998) && !(hm_dtn_setting == 18 && hm_dtn_location == 9)</p>	<p>TEXT hm_dtn_place_description</p> <p>.....</p>
<p>VARIABLE</p> <p>7</p>	<p>LONG var_maternal_death_result</p>
<p>What is/was the relationship of %rosteritle% to the head of the household on %var_bs_current_visit_string%?</p>	<p>TEXT hm_head_relationship</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E !string.IsNullOrEmpty(hm_dsid) && hhu_head_changed == 1</p> <p><i>Head relationship %hm_head_relationship%</i></p>	
<p>Has the relationship to the head of this household changed? %hm_head_relationship%</p> <p>E !string.IsNullOrEmpty(hm_dsid) && hhu_head_changed == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_head_re1_Changed</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is/was the relationship of %rosteritle% to the head of the household on %var_bs_current_visit_string%?</p> <p>I If the Relationship is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hhu_head_changed == 1 hm_head_re1_Changed == 1 string.IsNullOrEmpty(hm_dsid)</p> <p>W1 (hhu_head_changed == 1 && ((members_roster.Count(x=>x.hm_current_head_relationship==13))<1)) ? false : true</p> <p>M1 No Head has been selected yet.</p> <p>V2 (hhu_head_changed == 1 && ((members_roster.Count(x=>x.hm_current_head_relationship==13))>1)) ? false : true</p> <p>M2 A previous member was already selected as the Head of the Household.</p> <p>V3 (hhu_head_changed == 2 && ((members_roster.Count(x=>x.hm_current_head_relationship==13))>=1)) ? false : true</p> <p>M3 You can not add a new Head without updating the Head relationship of other members.</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_head_relationship</p> <p>07 <input type="radio"/> AFC - Adopted / Foster child</p> <p>08 <input type="radio"/> BGF - Boyfriend/Girlfriend</p> <p>17 <input type="radio"/> CHD - Son or Daughter</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>10 <input type="radio"/> DOM - Domestic Worker</p> <p>11 <input type="radio"/> GCH - Grandchild</p> <p>12 <input type="radio"/> GPA - Grandparent</p> <p>14 <input type="radio"/> OFR - Other (family) Relative</p> <p>04 <input type="radio"/> OTH - _other</p> <p>16 <input type="radio"/> PLW - Parent-in-law</p> <p>15 <input type="radio"/> PRN - Parent</p> <p>06 <input type="radio"/> RFS - _refused</p> <p>18 <input type="radio"/> SDL - Son or Daughter-in-law</p> <p>09 <input type="radio"/> SIB - Brother or Sister</p> <p>13 <input type="radio"/> SLF - Head (self)</p> <p>20 <input type="radio"/> SPS - Wife or Husband</p> <p>And 1 other symbols [3]</p>

<p>Date relationship changed? (ÜÜ)</p> <p>E hm_head_re1_Changed == 1 string.IsNullOrEmpty(hm_dsids)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_date_head_changed</p> <p>.....</p>
<p>How many nights did %roster% spend at the Bounded Structure between last visit and %var_bs_current_visit_string%?</p>	<p>SINGLE-SELECT: COMBO BOX hm_night_count</p> <p>000 <input type="radio"/> No nights</p> <p>010 <input type="radio"/> Few (1-20) nights</p> <p>040 <input type="radio"/> Some (21-60; less than half) nights</p> <p>080 <input type="radio"/> Many (61-100; more than half) nights</p> <p>110 <input type="radio"/> Most (101-119) nights</p> <p>120 <input type="radio"/> All nights</p>
<p>Residencies at this bounded structure</p> <p>I For verification only, no need to capture any residencies here.</p>	<p>LIST SCOPE: HIDDEN hhu_members_res_list</p> <p>.....</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS
Roster: RESIDENCY
generated by list question [hhu_members_res_list](#)

mem_res_roster

<p>Is/was %roster% resident at %var_bs_current_visit_string%?</p>	<p>TEXT SCOPE: HIDDEN hm_is_mem_resident</p> <p>.....</p>
<p>Is/was %roster% resident at %var_bs_current_visit_string% %hm_is_mem_resident%</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_mem_resident</p> <p>01 <input type="radio"/> No, non-resident</p> <p>02 <input type="radio"/> Yes, resident</p>
<p>Has %roster% changed his/her residency status at this Bounded Structure from last visit and %var_bs_current_visit_string%?</p> <p>W1 hm_residency_changed == 1 ? (hm_residency_changed == 1 & & hm_current_mem_resident == 2) : true</p> <p>M1 You can't in-migrate the individual when you specified that %roster% was non-resident in the previous question.</p> <p>W2 hm_residency_changed == 1 ? (hm_residency_changed == 1 & (hm_is_mem_resident == "No - Not Resident" (string.IsNullOrEmpty(hm_is_mem_resident) string.IsNullOrWhiteSpace(hm_is_mem_resident)))) : And 4 other symbols [3]</p> <p>M2 You can't in-migrate the individual when %roster% was previously recorded as resident.</p> <p>W3 hm_residency_changed == 2 ? (hm_residency_changed == 2 & & hm_current_mem_resident == 1) : true</p> <p>M3 You can't out-migrate the individual when you specified that %roster% was resident in the previous question.</p> <p>W4 hm_residency_changed == 2 ? (hm_residency_changed == 2 & (hm_is_mem_resident == "Yes - Resident" (string.IsNullOrEmpty(hm_is_mem_resident) string.IsNullOrWhiteSpace(hm_is_mem_resident)))) : tru And 1 other symbols [3]</p> <p>M4 You can't out-migrate the individual when %roster% was previously recorded as non-resident.</p>	<p>SINGLE-SELECT: COMBO BOX hm_residency_changed</p> <p>01 <input type="radio"/> Yes, in-migrated</p> <p>02 <input type="radio"/> Yes, out-migrated</p> <p>03 <input type="radio"/> No, unchanged</p> <p>04 <input type="radio"/> Don't Know</p>

<p>Did %rostartitle% migrate from/to within or outside the PIPSA?</p> <p>E hm_residency_changed == 1 hm_residency_changed == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_surveillance_area</p> <p>01 <input type="radio"/> Within PIPSA</p> <p>02 <input type="radio"/> Outside PIPSA</p>
<p>VARIABLE</p> <p>(hhu_still_resident == 2 && hhu_end_type == 2 && hm_current_mem_resident == 1 && hm_residency_changed == 2 && hm_surveillance_area == 1 && hhu_selected_mem_mig.Count(x=>x[1]==@rowcode)>0) (hhu_stil</p> <p>And 178 other symbols [11]</p>	<p>BOOLEAN var_ind_incl_hh_mig</p>
<p>VARIABLE</p> <p>hm_residency_changed == 1 ? (hm_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (hm_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")) : (hm_residency_changed == 2 ? (hm_surveillance_area ==</p> <p>And 97 other symbols [12]</p>	<p>STRING hm_mgn_string</p>
<p>Was %rostartitle% included in any multiple %hm_mgn_string%</p> <p>E hm_current_mem_resident == 1 && hm_residency_changed == 2 && var_ind_incl_hh_mig == false && mem_milti_mig == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_ind_incl_multi_mig</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS
%HM_MGN_STRING%

E ((hm_residency_changed == 1 || hm_residency_changed == 2) && hm_surveillance_area > 0) && (!(hm_current_mem_resident == 1 && hm_residency_changed == 2 && (var_ind_incl_hh_mig == true || hm_ind_incl_mu [And 15 other symbols \[8\]](#)

<p>When did the individual start/stop being resident at this BS? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_mgn_date</p> <p>.....</p>
--	---

What was the main reason this individual migrated?

I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_mgn_code

- 01 ABS - To look after a Bounded Structure
- 02 ACB - Built or bought house
- 03 ACH - Household formation
- 04 ACM - Accommodation
- 05 ACR - Changed rented accommodation
- 06 CAR - Caring
- 07 CCD - To be cared for
- 08 CCF - Was caring for someone
- 09 CCS - To care for someone
- 10 DFT - Default
- 11 DKN - Dont Know or No Reason given
- 12 ECJ - Changed jobs
- 13 EDU - Education
- 14 EFS - Finished School
- 15 ELD - Left employment as a domestic worker
- 16 ELE - Left Employment

[And 26 other symbols \[17\]](#)

If "Other" then specify

E hm_mgn_code == 32

TEXT

hm_mgn_code_specify

.....

Other BSID

E hm_residency_changed == 1 && hm_surveillance_area == 1
 V1 self > 9999 && self < 99999
 M1 Invalid BSID entered.

NUMERIC: INTEGER

hm_mgn_other_bsid

SPECIAL VALUES

- 99997 NAD - Not Applicable
- 99998 DKN - Don't Know

Other HHID

E hm_residency_changed == 1 && hm_surveillance_area == 1

TEXT

hm_mgn_other_hhid

.....

<p>Location of destination place of residence?</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E (hm_residency_changed == 1 && hm_surveillance_area == 2) (hm_residency_changed == 2 && hm_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX hm_mgn_other_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [18]</p>
<p>Place name or description?</p> <p>E (hm_residency_changed == 1 && hm_surveillance_area == 2) (hm_residency_changed == 2 && hm_surveillance_area == 2)</p>	<p>TEXT hm_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E (hm_residency_changed == 1 && hm_surveillance_area == 2) (hm_residency_changed == 2 && hm_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX hm_mgn_other_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_mgn_oth_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_mgn_other_place_urban == 2</p>	<p>TEXT hm_mgn_oth_place_specify</p> <p>.....</p>
<p>Is the place an institution?</p> <p>E (hm_residency_changed == 1 && hm_surveillance_area == 2) (hm_residency_changed == 2 && hm_surveillance_area == 2)</p>	<p>SINGLE-SELECT: COMBO BOX hm_mgn_oth_place_institute</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Migration Details</p>	<p>TEXT hm_mgn_mig_detail</p> <p>.....</p>
<p>Mother's TempID/DSID?</p>	<p>TEXT SCOPE: HIDDEN hm_maternal_dsid</p> <p>.....</p>

STATIC TEXT

E !String.IsNullOrEmpty(hm_maternal_dsid)

Mother's DSID [%hm_maternal_dsid%](#)

Has Mother's DSID changed?	SINGLE-SELECT: COMBO BOX hm_maternal_dsid_changed 01 <input type="radio"/> Yes 02 <input type="radio"/> No
E !String.IsNullOrEmpty(hm_maternal_dsid)	
Is Mother a member of this Household?	SINGLE-SELECT: COMBO BOX hm_maternal_is_member 01 <input type="radio"/> Yes 02 <input type="radio"/> No
E String.IsNullOrEmpty(hm_maternal_dsid) hm_maternal_dsid_changed == 1	
Please select Mother	SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST hm_maternal_linked_member
E hm_maternal_is_member == 1	
Mother's TempID/DSID	TEXT hm_maternal_member_other Invalid Mother TempID/DSID.
E hm_maternal_is_member == 2	
V1 \$validate_dsid	
M1 Invalid Mother TempID/DSID.	
Mother's Surname?	TEXT hm_maternal_surname
E hm_maternal_is_member == 2 hm_maternal_linked_member == null	
Mother's First Name	TEXT hm_maternal_name1
E hm_maternal_is_member == 2 hm_maternal_linked_member == null	
Mother's Second Name	TEXT hm_maternal_name2
E hm_maternal_is_member == 2 hm_maternal_linked_member == null	
Maternal previous status	TEXT hm_maternal_prev_status SCOPE: HIDDEN
Is %rostartitle%'s mother alive? %hm_maternal_prev_status%	SINGLE-SELECT: COMBO BOX hm_maternal_status 01 <input type="radio"/> Alive 02 <input type="radio"/> Dead 03 <input type="radio"/> Don't know
E hm_maternal_prev_status != "Dead"	
How old is %rostartitle%'s mother?	NUMERIC: INTEGER hm_maternal_age SCOPE: HIDDEN -----
How old is %rostartitle%'s mother? %hm_maternal_age%	NUMERIC: INTEGER hm_current_maternal_age ----- SPECIAL VALUES 997 NAD - Not Applicable 998 DKN - Don't Know
I If Mother alive and TEMP ID/DSID not known:	
E hm_maternal_status == 1	
V1 self < 999	
M1 Invalid age.	

<p>When did mother die? (ÜÜ)</p> <p>E hm_maternal_status == 2 V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT hm_maternal_dod</p> <p>.....</p>
<p>Mother age at death?</p> <p>E hm_maternal_status == 2 V1 self < 999 M1 Invalid age.</p>	<p>NUMERIC: INTEGER hm_maternal_death_age</p> <p>-----</p> <p>SPECIAL VALUES 997 NAD - Not Applicable 998 DKN - Don't Know</p>
<p>If TEMPID/DSID not known and current status is 'Alive' where does mother live?</p> <p>E ((string.IsNullOrEmpty(hm_maternal_dsid) string.IsNullOrWhiteSpace(hm_maternal_dsid) hm_maternal_dsid == "#####-#") && IsAnswered(hm_maternal_linked_member) == false) && hm_maternal_status == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_maternal_live</p> <p>01 <input type="radio"/> Same area (village/isigodi) 02 <input type="radio"/> Elsewhere in PIPSA 03 <input type="radio"/> In the immediate surroundings outside PIPSA 04 <input type="radio"/> Elsewhere</p>
<p>Father's TempID/DSID?</p>	<p>TEXT SCOPE: HIDDEN hm_paternal_dsid</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E !string.IsNullOrWhiteSpace(hm_paternal_dsid)</p> <p><i>Father's DSID %hm_paternal_dsid%</i></p>	
<p>Has Father's DSID changed?</p> <p>E !string.IsNullOrWhiteSpace(hm_paternal_dsid)</p>	<p>SINGLE-SELECT: COMBO BOX hm_paternal_dsid_changed</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Is Father a member of this Household?</p> <p>E string.IsNullOrWhiteSpace(hm_paternal_dsid) hm_paternal_dsid_changed == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_paternal_is_member</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Please select Father</p> <p>E hm_paternal_is_member == 1</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST hm_paternal_linked_member</p>
<p>Father's TempID/DSID</p> <p>E hm_paternal_is_member == 2 V1 \$validate_dsid M1 Invalid Father TempID/DSID.</p>	<p>TEXT hm_paternal_member_other</p> <p>.....</p>
<p>Father's Surname?</p> <p>E hm_paternal_is_member == 2 hm_paternal_linked_member == null</p>	<p>TEXT hm_paternal_surname</p> <p>.....</p>
<p>Father's First Name</p> <p>E hm_paternal_is_member == 2 hm_paternal_linked_member == null</p>	<p>TEXT hm_paternal_name1</p> <p>.....</p>

<p>Father's Second Name</p> <p>E hm_paternal_is_member == 2 hm_paternal_linked_member == null</p>	<p>TEXT hm_paternal_name2</p> <p>.....</p>
<p>Paternal previous status</p>	<p>TEXT hm_paternal_prev_status</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Is %rostartertitle%'s father alive? %hm_paternal_prev_status%</p> <p>E hm_paternal_prev_status != "Dead"</p>	<p>SINGLE-SELECT: COMBO BOX hm_paternal_status</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p> <p>03 <input type="radio"/> Don't know</p>
<p>How old is %rostartertitle%'s father?</p>	<p>NUMERIC: INTEGER hm_paternal_age</p> <p>SCOPE: HIDDEN</p> <p>-----</p>
<p>How old is %rostartertitle%'s father? %hm_paternal_age%</p> <p>I If Father alive and TEMP ID/DSID not known:</p> <p>E hm_paternal_status == 1</p> <p>V1 self < 999</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hm_current_paternal_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>997 NAD - Not Applicable</p> <p>998 DKN - Don't Know</p>
<p>When did father die? (ÜÜ)</p> <p>E hm_paternal_status == 2</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_paternal_dod</p> <p>.....</p>
<p>Father age at death?</p> <p>E hm_paternal_status == 2</p> <p>V1 self < 999</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hm_paternal_death_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>997 NAD - Not Applicable</p> <p>998 DKN - Don't Know</p>
<p>If TEMPID/DSID not known and current status is 'Alive' where does father live?</p> <p>E ((string.IsNullOrEmpty(hm_paternal_dsid) string.IsNullOrWhiteSpace(hm_paternal_dsid) hm_paternal_dsid == "####-#") && IsAnswered(hm_paternal_linked_member) == false) && hm_paternal_status == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_paternal_live</p> <p>01 <input type="radio"/> Same area (village/isigodi)</p> <p>02 <input type="radio"/> Elsewhere in PIPSA</p> <p>03 <input type="radio"/> In the immediate surroundings outside PIPSA</p> <p>04 <input type="radio"/> Elsewhere</p>

Is %roster% currently a recipient of a government grant?

MULTI-SELECT

hm_government_grants

I Mark all that apply

E string.IsNullOrEmpty(hm_dsid)

V1 self.Contains(6) ? !self.ContainsAny(11, 1, 9, 4, 12, 7, 10, 13) : true

M1 Can't select None while you have selected other grants.

- 11 CAR - Care dependency
- 01 CHS - Child Support
- 09 DIS - Disability
- 04 FOC - Foster Care
- 12 GIA - Grant-in-aid
- 06 NON - _None
- 07 OAP - Old Age Pension
- 10 WAR - War veterans
- 13 SRD - Social Relief of Distress
- 14 TEG - Tertiary Education Grant

HOUSEHOLDS / HOUSEHOLDS / MEMBERS

Roster: CURRENT GRANTS

generated by multi-select question hm_government_grants

hm_new_grants_roster

E !hm_government_grants.Contains(6)

Date received (ÜÜ)

TEXT

hm_current_grant_received

V1 \$validate_date

M1 Invalid date format.

V2 \$validate_century

M2 Invalid century date format.

V3 \$validate_year

M3 Invalid year date format.

V4 \$validate_month

M4 Invalid month date format.

V5 \$validate_day

M5 Invalid day date format.

Beneficiary Temp Id/DSID

TEXT

hm_current_grant_beneficiary

E @rowcode == 11 || @rowcode == 1 || @rowcode == 4

V1 \$validate_dsid

M1 Invalid DSID / TempID

Highest Grade %roster% completed at school (1-12)?

SINGLE-SELECT: COMBO BOX

hm_highest_grade

I If the Grade is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

E var_mem_age >= 6 && string.IsNullOrEmpty(hm_dsid)

- 27 NON - _none
- 23 LOY - Less than one year
- 51 PRE - Pre-school
- 10 G01 - Grade 1 or Sub A/Class1
- 11 G02 - Grade 2 or Sub B/Class2
- 12 G03 - Grade 3 / Standard 1 / ABET1
- 13 G04 - Grade 4 / Standard 2
- 14 G05 - Grade 5 / Standard 3 / ABET2
- 15 G06 - Grade 6 / Standard 4
- 16 G07 - Grade 7 / Standard 5 / ABET3
- 17 G08 - Grade 8 / Standard 6
- 18 G09 - Grade 9 / Standard 7 / ABET4
- 19 G10 - Grade 10 / Standard 8
- 20 G11 - Grade 11 / Standard 9
- 21 G12 - Grade 12 / Standard 10
- 09 DKN - _don't know

[And 1 other symbols \[4\]](#)

<p>What was the highest level of education that %rostertitle% completed after school?</p> <p>I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_mem_age >= 6 && string.IsNotNullOrEmpty(hm_dsid)</p>	<p>SINGLE-SELECT: COMBO BOX hm_tertiary_education</p> <p>27 <input type="radio"/> NON - _none</p> <p>46 <input type="radio"/> N01 - NQF1 / N1 / NTC 1</p> <p>47 <input type="radio"/> N02 - NQF2 / N2 / NTC 2</p> <p>48 <input type="radio"/> N03 - NQF3 / N3 / NTC 3</p> <p>49 <input type="radio"/> N04 - NQF4 / N4 / NTC 4</p> <p>52 <input type="radio"/> N05 - NQF5 / N5 / NTC 5</p> <p>53 <input type="radio"/> N06 - NQF6 / N6 / NTC 6</p> <p>01 <input type="radio"/> BAC - Bachelor's Degree (NQF7)</p> <p>22 <input type="radio"/> HON - Honours Degree (NQF8)</p> <p>54 <input type="radio"/> MSD - Master's degree (NQF9)</p> <p>55 <input type="radio"/> DOC - Doctoral Degree - PhD (NQF10)</p> <p>09 <input type="radio"/> DKN - _don't know</p> <p>31 <input type="radio"/> RFS - _refused</p> <p>26 <input type="radio"/> NAD - _non applicable</p>
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<p>Is %rostertitle% currently in full-time or part-time education?</p> <p>E var_mem_age >= 6 && string.IsNotNullOrEmpty(hm_dsid)</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_education</p> <p>01 <input type="radio"/> A - Part-time</p> <p>02 <input type="radio"/> F - Full-Time</p> <p>03 <input type="radio"/> N - No</p> <p>05 <input type="radio"/> R - _Refused</p> <p>06 <input type="radio"/> U - _Unknown</p>
---	--

<p>What level of education is %rostertitle% attending?</p> <p>I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hm_current_education == 1 hm_current_education == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_education_level</p> <p>50 <input type="radio"/> CRC - Creche</p> <p>51 <input type="radio"/> PRE - Pre-school</p> <p>10 <input type="radio"/> G01 - Grade 1 or Sub A/Class1</p> <p>11 <input type="radio"/> G02 - Grade 2 or Sub B/Class2</p> <p>12 <input type="radio"/> G03 - Grade 3 / Standard 1</p> <p>13 <input type="radio"/> G04 - Grade 4 / Standard 2</p> <p>14 <input type="radio"/> G05 - Grade 5 / Standard 3</p> <p>15 <input type="radio"/> G06 - Grade 6 / Standard 4</p> <p>16 <input type="radio"/> G07 - Grade 7 / Standard 5</p> <p>17 <input type="radio"/> G08 - Grade 8 / Standard 6</p> <p>18 <input type="radio"/> G09 - Grade 9 / Standard 7</p> <p>19 <input type="radio"/> G10 - Grade 10 / Standard 8</p> <p>20 <input type="radio"/> G11 - Grade 11 / Standard 9</p> <p>21 <input type="radio"/> G12 - Grade 12 / Standard 10</p> <p>42 <input type="radio"/> A01 - ABET1</p> <p>43 <input type="radio"/> A02 - ABET2</p> <p>And 13 other symbols [5]</p>
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<p>Have you ever been treated for TB?</p>	<p>SINGLE-SELECT: COMBO BOX hm_treated_for_tb</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
---	---

<p>STATIC TEXT</p> <p>E hm_treated_for_tb == 1</p> <p><i>Individual should be prompted to have any TB treatment cards available to answer questions</i></p>	
<p>If Yes, how many times?</p> <p>E hm_treated_for_tb == 1</p>	<p>NUMERIC: INTEGER hm_tb_treatment_count</p> <p>-----</p>

<p>If Yes, what is the date of your most recent treatment commenced (Month-Year)?</p> <p>E hm_treated_for_tb == 1</p>	<p>TEXT hm_recent_tb_date</p> <p>.....</p>
<p>Record date from TB treatment card?</p> <p>I To be completed by Interviewer</p> <p>E hm_treated_for_tb == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_tb_card</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is/was the marital state of %rostertitle% on %var_bs_current_visit_string%?</p>	<p>TEXT hm_marital_state</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>What is/was the marital state of %rostertitle% on %var_bs_current_visit_string%? %hm_marital_state%</p> <p>I If the Status is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_mem_age >= 12</p> <p>V1 hm_marital_state.InList("DIV", "MAR", "MCM", "MNG", "MTM", "PCM", "PLG", "PTM", "SCM", "SEP", "STM", "WID") ? (hm_marital_state.InList("DIV", "MAR", "MCM", "MNG", "MTM", "PCM", "PLG", "PTM", "SCM", "S And 132 other symbols [4]</p> <p>M1 Can't select 'Never been married' when the individual was previously married.</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_marital_state</p> <p>13 <input type="radio"/> CNM - Currently not married (not further specified)</p> <p>01 <input type="radio"/> DFT - _default</p> <p>14 <input type="radio"/> DIV - Divorced</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>15 <input type="radio"/> MAR - Married (not further specified)</p> <p>10 <input type="radio"/> MCM - Civil Marriage (monogamous)</p> <p>04 <input type="radio"/> MIS - _missing</p> <p>17 <input type="radio"/> MNG - Monogamous Marriage</p> <p>22 <input type="radio"/> MTM - Traditional Marriage (monogamous)</p> <p>05 <input type="radio"/> NAD - _non applicable</p> <p>18 <input type="radio"/> NBM - Never been married (not further specified)</p> <p>19 <input type="radio"/> NNE - Never been married and not engaged</p> <p>20 <input type="radio"/> NVE - Never been married, but engaged</p> <p>06 <input type="radio"/> OTH - _other</p> <p>11 <input type="radio"/> PCM - Civil Marriage (polygamous)</p> <p>21 <input type="radio"/> PLG - Polygamous Marriage</p> <p>And 7 other symbols [6]</p>
<p>Does/did %rostertitle% have a regular or casual partner on %var_bs_current_visit_string%?</p>	<p>TEXT hm_partnership_pattern</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Does/did %rostertitle% have a regular or casual partner on %var_bs_current_visit_string%? %hm_partnership_pattern%</p> <p>E var_mem_age >= 12 && (hm_current_marital_state != 15 && hm_current_marital_state != 21 && hm_current_marital_state != 11 && hm_current_marital_state != 23 && hm_current_marital_state != 1 And 76 other symbols [4]</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_partnership_pattern</p> <p>09 <input type="radio"/> MAP - Marital Partnership</p> <p>12 <input type="radio"/> RGP - Regular Partnership</p> <p>08 <input type="radio"/> CSP - Casual Partnership(s)</p> <p>10 <input type="radio"/> NPA - No Partnership(s)</p> <p>02 <input type="radio"/> DKN - _don't know</p>
<p>Is/was %rostertitle% pregnant on %var_bs_current_visit_string%?</p>	<p>TEXT hm_pregnant</p> <p>SCOPE: HIDDEN</p> <p>.....</p>

<p>Is %rostertitle% currently pregnant? %hm_pregnant%</p> <p>I Select 'Not asked' if [NAME] is/was over 49 years on [DATE] E (var_mem_age >= 12 && var_mem_age <= 49) && hm_current_gender == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_pregnant</p> <p>01 <input type="radio"/> Yes, Pregnant 02 <input type="radio"/> No 03 <input type="radio"/> Don't know 04 <input type="radio"/> Not asked</p>
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<p>Check: Is %rostertitle% a new member to the PIPSA?</p> <p>E var_mem_age >= 12 && hm_current_gender == 2 && (hm_current_pregnant > 0 && hm_current_pregnant < 4) && string.IsNullOrEmpty(hm_dsid)</p>	<p>SINGLE-SELECT: COMBO BOX hm_new_female_member</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
--	---

STATIC TEXT

E var_mem_age >= 12 && hm_current_gender == 2 && !string.IsNullOrEmpty(hm_dsid)

Has pregnancy history: [%hm_has_preg_history%](#)

HOUSEHOLDS / HOUSEHOLDS / MEMBERS
PREGNANCY HISTORY

E var_mem_age >= 12 && hm_current_gender == 2 && (hm_new_female_member == 1 || hm_has_preg_history == "N") && hm_now_member == 1 && hm_current_mem_resident == 2

<p>Have you ever given birth?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_gave_birth</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
-----------------------------------	--

<p>How many live births did you have?</p> <p>E hm_pgh_gave_birth == 1 V1 IsAnswered(hm_birth_daughters) == true && IsAnswered(hm_birth_sons) == true ? ((hm_birth_daughters + hm_birth_sons) == self) : true M1 Live birth total does not equal daughters and sons.</p>	<p>NUMERIC: INTEGER hm_pgh_live_births</p> <p>-----</p>
---	--

STATIC TEXT

E hm_pgh_gave_birth == 1

How many sons and daughters have you given birth to?

<p>Daughters</p> <p>E hm_pgh_gave_birth == 1</p>	<p>NUMERIC: INTEGER hm_birth_daughters</p> <p>-----</p>
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<p>Sons</p> <p>E hm_pgh_gave_birth == 1</p>	<p>NUMERIC: INTEGER hm_birth_sons</p> <p>-----</p>
---	---

<p>At times women give birth to children who cried, showed movement signs, sounded or showed effort to breathe or showed any other signs of life even for a very short time and later die. Have you ever given birth to a child who was born alive but later died?</p> <p>E hm_pgh_gave_birth == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_birth_died</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
--	--

STATIC TEXT

E hm_pgh_birth_died == 1

How many girls and boys did you give birth to but later died?

<p>Daughters</p> <p>E hm_pgh_birth_died == 1</p>	<p>NUMERIC: INTEGER hm_birth_died_girls</p> <p>-----</p>
--	---

<p>Sons</p> <p>E hm_pgh_birth_died == 1</p>	<p>NUMERIC: INTEGER hm_birth_died_boys</p> <p>-----</p>
<p>Women sometimes have pregnancies that do not result in a live born child. A pregnancy can end very early, in a miscarriage or an abortion or the child can be born dead (stillbirth). Have you ever had a pregnancy that ended in a miscarriage, abortion or a child that was born dead (stillbirth)?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_still_births</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>STATIC TEXT</p>	
<p>E hm_pgh_still_births == 1</p> <p><i>How many of your pregnancies ended in a miscarriages, abortions or stillbirths?</i></p>	
<p>Miscarriages</p> <p>E hm_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER hm_pgh_miscarriage</p> <p>-----</p>
<p>Abortions</p> <p>E hm_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER hm_pgh_abortion</p> <p>-----</p>
<p>Stillbirths</p> <p>E hm_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER hm_pgh_still</p> <p>-----</p>
<p>VARIABLE</p> <p>(hm_birth_daughters ?? 0) + (hm_birth_sons ?? 0) + (hm_birth_died_girls ?? 0) + (hm_birth_died_boys ?? 0) + (hm_pgh_miscarriage ?? 0) + (hm_pgh_abortion ?? 0) + (hm_pgh_still ?? 0)</p>	<p>LONG var_pregnancy_total</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS / PREGNANCY HISTORY

Roster: BIRTHS

generated by fixed list

pregnancies_roster

- 01 Birth 1
- 02 Birth 2
- 03 Birth 3
- 04 Birth 4
- 05 Birth 5
- 06 Birth 6
- 07 Birth 7
- 08 Birth 8
- 09 Birth 9
- 10 Birth 10

E @rowcode <= var_pregnancy_total

<p>Did you give a name to your first born [%rostertitle%] baby?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_given_name</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What was the name given to that child?</p> <p>E hm_pgh_given_name == 1</p>	<p>TEXT hm_pgh_name</p> <p>-----</p>

<p>VARIABLE</p> <p>hm_pgh_given_name == 1 ? hm_pgh_name : ("Birth " + @rowcode.ToString())</p>	<p>STRING</p> <p>var_birth_name</p>
<p>On what date was %var_birth_name% born? (ÜÜ)</p> <p>V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT</p> <p>hm_pgh_date</p> <p>-----</p>
<p>Was the baby born alive, born dead, or did the pregnancy end in a miscarriage or abortion?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_alive_dead</p> <p>01 <input type="radio"/> Born Alive 02 <input type="radio"/> Born Dead 03 <input type="radio"/> Miscarriage/ Abortion</p>
<p>Did the baby cry, move or breathe when it was born?</p> <p>E hm_pgh_alive_dead == 2</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_cry_move</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Was it spontaneous or induced?</p> <p>E hm_pgh_alive_dead == 3</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_spon_induced</p> <p>01 <input type="radio"/> Spontaneous 02 <input type="radio"/> Induced</p>
<p>Is/was %var_birth_name% a boy or a girl?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_gender</p> <p>01 <input type="radio"/> Boy 02 <input type="radio"/> Girl 03 <input type="radio"/> Don't know</p>
<p>Was that a single or multiple birth?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_single_multiple</p> <p>01 <input type="radio"/> Single 02 <input type="radio"/> Multiple</p>
<p>Is %var_birth_name% still alive?</p> <p>E hm_pgh_alive_dead == 1 hm_pgh_alive_dead == 2</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_still_alive</p> <p>01 <input type="radio"/> Alive 02 <input type="radio"/> Dead</p>
<p>Is this child a registered member of this household?</p> <p>E hm_pgh_alive_dead != 3 && hm_pgh_cry_move != 2 && hm_pgh_still_alive == 1</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hm_pgh_registered_member</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>DSID or TempID</p> <p>E hm_pgh_registered_member == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST</p> <p>hm_pgh_dsid</p>
<p>How old was %var_birth_name% at his/her last birthday?</p> <p>E hm_pgh_still_alive == 1 V1 self < 99 M1 Invalid age.</p>	<p>NUMERIC: INTEGER</p> <p>hm_pgh_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97 NAD - Not Applicable 98 DKN - Don't Know</p>

<p>How old was %var_birth_name% when he/she died?</p> <p>E (hm_pgh_alive_dead == 1 hm_pgh_alive_dead == 2) && hm_pgh_still_alive == 2</p> <p>V1 self < 99</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hm_pgh_age_dead</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97 NAD - Not Applicable</p> <p>98 DKN - Don't Know</p>
<p>If less than 2 months, record days If less than 2 years, record months</p> <p>E hm_pgh_still_alive == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_age_dead_unit</p> <p>01 <input type="radio"/> Days</p> <p>02 <input type="radio"/> Months</p> <p>03 <input type="radio"/> Years</p>
<p>How many weeks or months did the pregnancy last?</p>	<p>NUMERIC: INTEGER hm_pgh_duration</p> <p>-----</p>
<p>Was the pregnancy duration in Weeks or Months?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pgh_duration_unit</p> <p>01 <input type="radio"/> Weeks</p> <p>02 <input type="radio"/> Months</p>
<p>Has %rosteritle% had a pregnancy that ended between (Ind) last visit and %var_bs_current_visit_string% or in the last 12 months?</p>	<p>TEXT hm_pregnancy_end</p> <p>SCOPE: HIDDEN</p> <p>-----</p>

STATIC TEXT

E (var_mem_age >= 12 && var_mem_age <= 49) && hm_current_gender == 2

Last pregnancy end date %hm_pregnancy_end%

<p>Has %rosteritle% had a pregnancy that ended between (Ind) last visit and %var_bs_current_visit_string% or in the last 12 months?</p> <p>E (string.IsNullOrEmpty(hm_dsid) && hm_new_female_member == 2) (!string.IsNullOrEmpty(hm_dsid) && (hm_current_pregnant > 0 && hm_current_pregnant < 4))</p>	<p>SINGLE-SELECT: COMBO BOX hm_current_pregnancy_end</p> <p>01 <input type="radio"/> No</p> <p>02 <input type="radio"/> Continuing</p> <p>03 <input type="radio"/> Delivery</p> <p>04 <input type="radio"/> Miscarriage</p> <p>05 <input type="radio"/> Abortion</p>
---	---

HOUSEHOLDS / HOUSEHOLDS / MEMBERS

PREGNANCY OUTCOME

E hm_current_pregnancy_end > 2 && hm_current_pregnancy_end < 6

<p>How many PON forms would you like to capture for %rosteritle%?</p> <p>V1 hm_pon_roster_count <= 5</p> <p>M1 Maxumum limit is 5.</p>	<p>NUMERIC: INTEGER hm_pon_roster_count</p> <p>-----</p>
---	---

HOUSEHOLDS / HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME

Roster: PON ROSTER

generated by fixed list

hm_pon_roster

- 01 PON 1
- 02 PON 2
- 03 PON 3
- 04 PON 4
- 05 PON 5

E @rowcode <= hm_pon_roster_count

E @rowcode <= hm_pon_roster_count

<p>What was the date of birth or pregnancy end? (ÜÜ)</p> <p>V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT hm_pon_dob</p> <p>.....</p>
<p>How long did %rosteritle%'s pregnancy last?</p>	<p>NUMERIC: INTEGER hm_pon_duration</p> <p>-----</p>
<p>Was the pregnancy duration in Weeks or Months?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_duration_unit</p> <p>01 <input type="radio"/> Weeks 02 <input type="radio"/> Months</p>
<p>Did the pregnancy end in a live birth?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_live_birth</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't know</p>
<p>At times women give birth to children who cried, showed movement signs, sounded or showed effort to breathe or showed any other signs of life even for a very short time and later die. Did the pregnancy result in a child who was born alive but later died?</p> <p>E hm_pon_live_birth > 1 && hm_pon_live_birth < 4</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_cry_move</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't know</p>
<p>Did the pregnancy last 28 weeks (7 months) or more?</p> <p>E hm_pon_cry_move > 1 && hm_pon_cry_move < 4</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_last_28_wks</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't know</p>
<p>Did the pregnancy end in a miscarriage or induced abortion?</p> <p>E hm_pon_last_28_wks > 1 && hm_pon_last_28_wks < 4</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_end_abortion</p> <p>01 <input type="radio"/> Miscarriage 02 <input type="radio"/> Induced abortion 03 <input type="radio"/> Don't know</p>
<p>What type of delivery was it?</p> <p>E hm_pon_live_birth == 1 hm_pon_cry_move == 1 hm_pon_last_28_wks == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_delivery_type</p> <p>01 <input type="radio"/> Normal vaginal 02 <input type="radio"/> Caesarean 03 <input type="radio"/> Assisted (i.e. used forceps/vacuum to pull out baby) 04 <input type="radio"/> Don't know</p>

<p>Was this a single or multiple delivery?</p> <p>E hm_pon_live_birth == 1 hm_pon_cry_move == 1 hm_pon_last_28_wks == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_single_multi</p> <p>01 <input type="radio"/> Single</p> <p>02 <input type="radio"/> Multiple</p>
<p>Please Record how many children were delivered?</p> <p>E hm_pon_single_multi == 2</p> <p>V1 self > 1</p> <p>M1 You indicated this was a multiple pregnancy but you only recorded one or fewer births.</p>	<p>NUMERIC: INTEGER hm_pon_multi_count</p> <p>-----</p>
<p>VARIABLE</p> <p>hm_pon_single_multi == 1 ? 1 : hm_pon_multi_count</p>	<p>LONG var_births_total</p>
<p>Was a birth certificate observed?</p> <p>E hm_pon_delivery_type > 0</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_birth_certificate</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date was birth registered?</p> <p>E hm_pon_birth_certificate == 1</p>	<p>DATE hm_pon_birth_date</p> <p>.....</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME / PON ROSTER / %ROSTERTITLE%

Roster: BIRTHS

generated by fixed list

births_roster

- 01 Birth 1
- 02 Birth 2
- 03 Birth 3
- 04 Birth 4
- 05 Birth 5

E @rowcode <= var_births_total

<p>Was %rostartitle% born alive or dead?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_born_alive</p> <p>01 <input type="radio"/> Born Alive</p> <p>02 <input type="radio"/> Born Dead</p>
<p>What is the child's name (Firstname Secondname, Surname)? If child was not named call him/her "Not named"</p>	<p>TEXT hm_pon_child_name</p> <p>.....</p>
<p>Is %rostartitle% still alive?</p> <p>E hm_pon_born_alive == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_still_alive</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME / PON ROSTER / %ROSTERTITLE% / BIRTHS

DEATH

E hm_pon_still_alive == 2

<p>Date of Death? (ÜÜ)</p> <p>V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT hm_pon_dod</p> <p>.....</p>
<p>Was a death certificate seen?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_dtn_death_certificate</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>

STATIC TEXT

Where did name die?

<p>Setting</p> <p>I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_dtn_setting</p> <p>07 <input type="radio"/> ACC - Africa Centre Counselling Centre 02 <input type="radio"/> DKN - _don't know 08 <input type="radio"/> FCL - Fixed Clinic (not further specified) 09 <input type="radio"/> GFC - Governmental (public) Fixed Clinic 10 <input type="radio"/> GHP - Governmental (public) Hospital 11 <input type="radio"/> GPS - Governmental (public) Primary School 12 <input type="radio"/> GSS - Governmental (public) Secondary School 14 <input type="radio"/> HOP - Hospital (not further specified) 15 <input type="radio"/> MCL - Mobile Clinic 04 <input type="radio"/> NAD - _non applicable 16 <input type="radio"/> OEF - Other Educational Facility 18 <input type="radio"/> OHM - Own Home 17 <input type="radio"/> OHS - Other Homestead 05 <input type="radio"/> OTH - _other 20 <input type="radio"/> PCL - Private Clinic 21 <input type="radio"/> PHP - Private Hospital</p> <p>And 8 other symbols [31]</p>
---	---

Care Provider

I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_pon_dtn_care_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[32\]](#)

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_pon_dtn_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[33\]](#)

<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_dtn_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [34]</p>
<p>Other BSID</p> <p>E hm_pon_dtn_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hm_pon_dtn_bsid_other</p> <p>-----</p>
<p>Is the place in a rural or urban area?</p> <p>E hm_pon_dtn_bsid == 99997 hm_pon_dtn_bsid == 99998</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_dtn_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_pon_dtn_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_pon_dtn_place_urban == 2</p>	<p>TEXT hm_pon_dtn_place_specify</p> <p>-----</p>
<p>Description of the place of death</p> <p>E hm_pon_dtn_bsid == 99997 hm_pon_dtn_bsid == 99998</p>	<p>TEXT hm_pon_dtn_place_desc</p> <p>-----</p>
<p>VARIABLE</p> <p>7</p>	<p>LONG var_pon_maternal_death_res</p>
<p>%rostertitle%'s Temp ID</p> <p>E hm_pon_born_alive == 1</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	<p>TEXT hm_pon_temp_id</p> <p>-----</p>

STATIC TEXT

Where did [NAME] deliver?

Setting

I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_pon_setting

- 07 ACC - Africa Centre Counselling Centre
- 02 DKN - _don't know
- 08 FCL - Fixed Clinic (not further specified)
- 09 GFC - Governmental (public) Fixed Clinic
- 10 GHP - Governmental (public) Hospital
- 11 GPS - Governmental (public) Primary School
- 12 GSS - Governmental (public) Secondary School
- 14 HOP - Hospital (not further specified)
- 15 MCL - Mobile Clinic
- 04 NAD - _non applicable
- 16 OEF - Other Educational Facility
- 18 OHM - Own Home
- 17 OHS - Other Homestead
- 05 OTH - _other
- 20 PCL - Private Clinic
- 21 PHP - Private Hospital

[And 8 other symbols \[23\]](#)

Who was the birth attendant?

I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hm_pon_care_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[24\]](#)

<p>Location</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [25]</p>
<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [26]</p>
<p>Other BSID</p> <p>E hm_pon_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hm_pon_bsid_other</p> <p>-----</p>
<p>Was this place in an urban or rural area?</p> <p>E (hm_pon_bsid == 99997 hm_pon_bsid == 99998) && hm_pon_setting != 18</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_pon_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_pon_place_urban == 2</p>	<p>TEXT hm_pon_place_specify</p> <p>.....</p>
<p>What was the name of the place?</p> <p>E (hm_pon_bsid == 99997 hm_pon_bsid == 99998) && hm_pon_setting != 18</p>	<p>TEXT hm_pon_place_desc</p> <p>.....</p>
<p>Has %roster% attended an antenatal clinic for this pregnancy?</p>	<p>SINGLE-SELECT: COMBO BOX hm_pon_antenatal_clinic</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>What was the date of first antenatal care visit for this pregnancy? (ÜÜ)</p> <p>E hm_pon_antenatal_clinic == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_pon_antenatal_visit</p> <p>.....</p>
<p>How many antenatal care visits did %roster% make during this pregnancy?</p> <p>E hm_pon_antenatal_clinic == 1</p>	<p>NUMERIC: INTEGER hm_pon_antenatal_visit_cnt</p> <p>-----</p>

STATIC TEXT

Where did [NAME] make her first antenatal care visit?

Setting

- I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hm_pon_antenatal_setting

- 07 ACC - Africa Centre Counselling Centre
- 02 DKN - _don't know
- 08 FCL - Fixed Clinic (not further specified)
- 09 GFC - Governmental (public) Fixed Clinic
- 10 GHP - Governmental (public) Hospital
- 11 GPS - Governmental (public) Primary School
- 12 GSS - Governmental (public) Secondary School
- 14 HOP - Hospital (not further specified)
- 15 MCL - Mobile Clinic
- 04 NAD - _non applicable
- 16 OEF - Other Educational Facility
- 18 OHM - Own Home
- 17 OHS - Other Homestead
- 05 OTH - _other
- 20 PCL - Private Clinic
- 21 PHP - Private Hospital

[And 8 other symbols \[27\]](#)

Care Provider

- I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hm_pon_antenatal_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[28\]](#)

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hm_pon_antenatal_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[29\]](#)

BSID

I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hm_pon_antenatal_bsid

- 71018 Addington Hospital
- 71002 Bay Hospital Richards Bay
- 71033 Benedictine Hospital
- 71009 Bethesda Hospital
- 71011 Catherine Booth Hospital
- 71019 Clairwood Hospital
- 71028 Edendale Hospital
- 71015 Ekombe Hospital
- 71014 Ekuphumuleni Hospital
- 71003 Empangeni Garden Clinic
- 71012 Eshowe Hospital
- 70174 Esiyembeni Clinic
- 71032 G.J. Crookes Hospital
- 71029 Grey's Hospital
- 70175 Gunjaneni Clinic
- 70000 Hlabisa Hospital

[And 35 other symbols \[30\]](#)

Other BSID

E hm_pon_antenatal_bsid == 99999
V1 self > 9999 && self < 99999
M1 Invalid BSID entered.

NUMERIC: INTEGER hm_pon_ant_bsid_other

Was this place in an urban or rural area?

E hm_pon_antenatal_bsid == 99997 || hm_pon_antenatal_bsid == 99998

SINGLE-SELECT: COMBO BOX hm_pon_antenatal_urban

- 01 N - No, Rural
- 02 U - _Unknown
- 04 Y - Yes, Urban

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_pon_antenatal_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_pon_antenatal_urban == 2</p>	<p>TEXT hm_pon_antenatal_specify</p> <p>.....</p>
<p>What was the name of the place?</p> <p>E hm_pon_antenatal_bsid == 99997 hm_pon_antenatal_bsid == 99998</p>	<p>TEXT hm_pon_antenatal_desc</p> <p>.....</p>
<p>Is/was %rostartitle%'s husband or regular partner a member of this household on %var_bs_current_visit_string%?</p> <p>I Cross 'Not asked' if [NAME] has/had no husband or regular partner</p> <p>E var_mem_age >= 12 && hm_current_gender == 2</p>	<p>SINGLE-SELECT: COMBO BOX hm_partner_full_member</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not asked</p>
<p>Conjugal relationship</p>	<p>TEXT hm_conjugal_relationship</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Has previous conjugal relationship ended? %hm_conjugal_relationship%</p> <p>E hm_partner_full_member > 0 && hm_partner_full_member < 3 && (!string.IsNullOrEmpty(hm_conjugal_relationship) && !string.IsNullOrWhiteSpace(hm_conjugal_relationship))</p>	<p>SINGLE-SELECT: COMBO BOX hm_crr_end</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date did conjugal relationship end? (ÜÜ)</p> <p>E hm_crr_end == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_crr_end_date</p> <p>.....</p>
<p>Why did the conjugal relationship end?</p> <p>E hm_crr_end == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_crr_end_reason</p> <p>01 <input type="radio"/> Separated</p> <p>02 <input type="radio"/> Divorced</p> <p>03 <input type="radio"/> Partner died</p>
<p>Has %rostartitle% had a new conjugal relationship over the last 12 months with a partner who is a member of this household?</p> <p>E var_mem_age >= 12 && hm_current_gender == 2 && (!string.IsNullOrEmpty(hm_dsid) && hm_partner_full_member > 0 && hm_partner_full_member < 3 && (!string.IsNullOrEmpty(hm_conjugal_relationship) && !st And 213 other symbols [5]</p>	<p>SINGLE-SELECT: COMBO BOX hm_new_crr</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

<p>On which date did the new conjugal relationship start? (ÜÜ)</p> <p>E hm_new_crr == 1 (string.IsNullOrEmpty(hm_dsid) && hm_partner_full_member == 1)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_new_crr_date</p> <p>.....</p>
<p>Partner DSID/TempID</p> <p>E hm_new_crr == 1 (string.IsNullOrEmpty(hm_dsid) && hm_partner_full_member == 1)</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST hm_partner_dsid</p>
<p>Is %rostertitle% married to her new partner?</p> <p>E hm_new_crr == 1 (string.IsNullOrEmpty(hm_dsid) && hm_partner_full_member == 1)</p>	<p>SINGLE-SELECT: COMBO BOX hm_married_partner</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date did you marry? (ÜÜ)</p> <p>E hm_married_partner == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_married_date</p> <p>.....</p>
<p>Does her husband have any other wives?</p> <p>E hm_married_partner == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_partner_other_wives</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Is %rostertitle% currently doing anything to earn money [i.e. in employment]?</p> <p>E (var_mem_age >= 18) && string.IsNullOrEmpty(hm_dsid)</p>	<p>SINGLE-SELECT: COMBO BOX hm_in_employment</p> <p>02 <input type="radio"/> DKN - _Don't know</p> <p>04 <input type="radio"/> NIE - No, not in employment</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> YFT - Yes, Full-time</p> <p>07 <input type="radio"/> YPT - Yes, Part-time</p>
<p>[IF in employment] is %rostertitle% self-employed or an employee?</p> <p>E hm_in_employment == 6 hm_in_employment == 7</p>	<p>SINGLE-SELECT: COMBO BOX hm_self_employed</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> RFS - _refused</p> <p>10 <input type="radio"/> WEE - Works as employee</p> <p>11 <input type="radio"/> WFS - Work for themselves</p>

[IF NOT employed] why is %rostertitle% not working?

I Mark all that apply

E var_mem_age >= 18 && string.IsNullOrEmpty(hm_dsid) && hm_in_employment != 6 && hm_in_employment != 7

MULTI-SELECT

hm_time_spent

- 01 Awaiting the season for work
- 02 Caring for other children
- 03 Looking for work
- 04 Studying
- 05 Health reasons
- 06 Disabled or unable to work (handicapped)
- 07 Pregnant, or caring for own children
- 08 Retired
- 09 Nothing (not looking)
- 10 Other
- 11 Caring for sick/injured
- 12 Retrenched
- 13 Don't know
- 14 Refused

who is your employer?

E hm_self_employed == 10

SINGLE-SELECT: COMBO BOX

hm_current_employer

- 01 CGV - Central government
- 04 LRA - Local / regional authority
- 06 NGO - Non-profit institution
- 15 PGV - Provincial government
- 09 PRV - Private sector employer
- 10 PUB - Public corporation

In which employment sector?

I If the Sector is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

E hm_self_employed == 10 || hm_self_employed == 11

SINGLE-SELECT: COMBO BOX

hm_current_employment_sector

- 01 AGF - Agriculture/Fishing/Forestry
- 02 ARM - Armed forces
- 03 CON - Construction
- 06 DOM - Domestic services
- 07 EDC - Educational services
- 08 ELW - Electricity and water
- 09 FIN - Finance
- 10 HOT - Restaurant/Hotels/Sport
- 23 HSV - Health services
- 24 INF - Informal sector
- 11 LEG - Legal services
- 12 MAN - Manufacturing
- 14 MIN - Mining
- 19 RES - Research
- 20 RET - Wholesales and retail
- 22 TRC - Transport and communication

STATIC TEXT

E var_mem_age < 18

Who is responsible for caring for %rostertitle% on a day-to-day basis?

STATIC TEXT

E var_mem_age < 10

E.g. Who is responsible for making sure %rostertitle% is fed?

STATIC TEXT

E var_mem_age > 9 && var_mem_age < 18

E.g. Who tries to ensure %rostertitle% has shoes?

<p>Is the responsible person a member of this household?</p> <p>E var_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hm_responsible_care_person</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>DSID</p> <p>E var_mem_age < 18 && hm_responsible_care_person == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST</p> <p>hm_responsible_dsid</p>
<p>Relationship to the child?</p> <p>I If the Relationship is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hm_responsible_relationship</p> <p>01 <input type="radio"/> CGB - Brother</p> <p>03 <input type="radio"/> CGF - Father</p> <p>12 <input type="radio"/> CGM - Mother</p> <p>18 <input type="radio"/> CGS - Sister</p> <p>02 <input type="radio"/> DOM - Domestic Worker</p> <p>04 <input type="radio"/> FMR - Female maternal relative</p> <p>05 <input type="radio"/> FPR - Female paternal relative</p> <p>08 <input type="radio"/> MAU - Maternal aunt</p> <p>09 <input type="radio"/> MGF - Maternal grandfather</p> <p>10 <input type="radio"/> MGM - Maternal grandmother</p> <p>06 <input type="radio"/> MMR - Male maternal relative</p> <p>07 <input type="radio"/> MPR - Male paternal relative</p> <p>11 <input type="radio"/> MUN - Maternal uncle</p> <p>97 <input type="radio"/> NAD - _not_applicable</p> <p>96 <input type="radio"/> OTH - Other</p> <p>13 <input type="radio"/> PAU - Paternal aunt</p> <p>And 5 other symbols [7]</p>
<p>Other</p> <p>E hm_responsible_relationship == 96</p>	<p>TEXT hm_responsible_rel_other</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E var_mem_age < 18</p> <p><i>Whose responsibility is it to pay for the school fees and uniform?</i></p>	
<p>Is the responsible person a member of this household?</p> <p>E var_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hm_responsible_fees_person</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>DSID</p> <p>E var_mem_age < 18 && hm_responsible_fees_person == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHU MEMBERS LIST</p> <p>hm_responsible_fees_dsid</p>

Relationship to the child?

I If the Relationship is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
 E var_mem_age < 18

- SINGLE-SELECT: COMBO BOX hm_responsible_fees_re1
- 01 CGB - Brother
 - 03 CGF - Father
 - 12 CGM - Mother
 - 18 CGS - Sister
 - 02 DOM - Domestic Worker
 - 04 FMR - Female maternal relative
 - 05 FPR - Female paternal relative
 - 08 MAU - Maternal aunt
 - 09 MGF - Maternal grandfather
 - 10 MGM - Maternal grandmother
 - 06 MMR - Male maternal relative
 - 07 MPR - Male paternal relative
 - 11 MUN - Maternal uncle
 - 97 NAD - _not_applicable
 - 96 OTH - Other
 - 13 PAU - Paternal aunt
- [And 5 other symbols \[8\]](#)

Other

E hm_responsible_fees_re1 == 96

TEXT hm_responsible_fees_re1_oth

.....

HOUSEHOLDS / HOUSEHOLDS / MEMBERS
CHILD HEALTH

E var_mem_age <= 6 && hm_has_ch1 == 1

Have you seen a card where %rosteritle%'s vaccinations are written down?

I IF YES: May I see it please?

- SINGLE-SELECT: COMBO BOX hm_ch1_rth_card
- 01 Yes, card seen
 - 02 Yes, but card not seen
 - 03 No
 - 04 Don't know

Take a photo of the vaccination page(s).

E hm_ch1_rth_card == 1

PICTURE hm_ch1_vacc_img

Take a photo of the growth curve page(s).

E hm_ch1_rth_card == 1

PICTURE hm_ch1_growth_img

Record Road to Health Card Date of Birth (ÜÜ)

- E hm_ch1_rth_card == 1
- V1 \$validate_date
- M1 Invalid date format.
- V2 \$validate_century
- M2 Invalid century date format.
- V3 \$validate_year
- M3 Invalid year date format.
- V4 \$validate_month
- M4 Invalid month date format.
- V5 \$validate_day
- M5 Invalid day date format.

TEXT hm_ch1_rth_dob

.....

<p>Record Road to Health Birth weight (grams)</p> <p>E hm_ch1_rth_card == 1</p> <p>V1 self.HasValue ? ((self >= 500 && self <= 10000) self == 99998 self == 99997) : true</p> <p>M1 Invalid birth weight.</p>	<p>NUMERIC: INTEGER hm_ch1_rth_weight</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>99997 Don't Know</p> <p>99998 Not Applicable</p>
<p>Has %roster% ever been vaccinated?</p>	<p>SINGLE-SELECT: COMBO BOX hm_ch1_had_vaccination</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>On what date was %roster% first taken for vaccination? (UU)</p> <p>E hm_ch1_had_vaccination == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_ch1_first_vac_date</p> <p>-----</p>

STATIC TEXT

E hm_ch1_had_vaccination == 1

To which facility was %roster% first taken for vaccination?

Setting

I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

E hm_ch1_had_vaccination == 1

<p>SINGLE-SELECT hm_ch1_facility_setting</p> <p>07 <input type="radio"/> ACC - Africa Centre Counselling Centre</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>08 <input type="radio"/> FCL - Fixed Clinic (not further specified)</p> <p>09 <input type="radio"/> GFC - Governmental (public) Fixed Clinic</p> <p>10 <input type="radio"/> GHP - Governmental (public) Hospital</p> <p>11 <input type="radio"/> GPS - Governmental (public) Primary School</p> <p>12 <input type="radio"/> GSS - Governmental (public) Secondary School</p> <p>14 <input type="radio"/> HOP - Hospital (not further specified)</p> <p>15 <input type="radio"/> MCL - Mobile Clinic</p> <p>04 <input type="radio"/> NAD - _non applicable</p> <p>16 <input type="radio"/> OEF - Other Educational Facility</p> <p>18 <input type="radio"/> OHM - Own Home</p> <p>17 <input type="radio"/> OHS - Other Homestead</p> <p>05 <input type="radio"/> OTH - _other</p> <p>20 <input type="radio"/> PCL - Private Clinic</p> <p>21 <input type="radio"/> PHP - Private Hospital</p> <p>And 8 other symbols [19]</p>

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_ch1_had_vaccination == 1

SINGLE-SELECT: COMBO BOX hm_ch1_facility_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[20\]](#)

Health Facility BSID

I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hm_ch1_had_vaccination == 1

SINGLE-SELECT: COMBO BOX hm_ch1_facility_bsid

- 71018 Addington Hospital
- 71002 Bay Hospital Richards Bay
- 71033 Benedictine Hospital
- 71009 Bethesda Hospital
- 71011 Catherine Booth Hospital
- 71019 Clairwood Hospital
- 71028 Edendale Hospital
- 71015 Ekombe Hospital
- 71014 Ekuphumuleni Hospital
- 71003 Empangeni Garden Clinic
- 71012 Eshowe Hospital
- 70174 Esiyembeni Clinic
- 71032 G.J. Crookes Hospital
- 71029 Grey's Hospital
- 70175 Gunjaneni Clinic
- 70000 Hlabisa Hospital

[And 35 other symbols \[21\]](#)

Other BSID

E hm_ch1_facility_bsid == 99999
V1 self > 9999 && self < 99999
M1 Invalid BSID entered.

NUMERIC: INTEGER hm_ch1_fac_bsid_other

Was the place where %rosteritle% was vaccinated in a rural or urban area?

E hm_ch1_facility_bsid == 99997 || hm_ch1_facility_bsid == 99998

SINGLE-SELECT: COMBO BOX hm_ch1_facility_urban

- 01 N - No, Rural
- 02 U - _Unknown
- 04 Y - Yes, Urban

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hm_ch1_facility_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hm_ch1_facility_urban == 2</p>	<p>TEXT hm_ch1_facility_specify</p> <p>.....</p>
<p>What was the name of the place?</p> <p>E hm_ch1_facility_bsid == 99997 hm_ch1_facility_bsid == 99998</p>	<p>TEXT hm_ch1_facility_description</p> <p>.....</p>

HOUSEHOLDS / HOUSEHOLDS / MEMBERS / CHILD HEALTH

Roster: VACCINATIONS

generated by fixed list

vaccination_roster

- 01 BCG (An injection against TB, in the arm or shoulder that leaves a scar)
- 02 Polio 0 (Drops of liquid into the mouth)
- 03 Polio 1 (Drops of liquid into the mouth)
- 04 DTaP+IPV+Hib+HBV 1 (An injection to left thigh)
- 05 Rotavirus 1 (Oral drops)
- 06 PCV (Pneumococcal) 1 (Injection)
- 07 DTaP+IPV+Hib+HBV 2 (An injection to left thigh)
- 08 DTaP+IPV+Hib+HBV 3 (An injection to left thigh)
- 09 Rotavirus 2 (Oral drops)
- 10 PCV (Pneumococcal) 2 (Injection)
- 11 Measles 1 (An injection to the left thigh)
- 12 PCV (Pneumococcal) 3 (Injection)
- 13 Measles 2 (An injection to right arm)
- 14 DTaP+IPV+Hib+HBV 4 (An injection to left thigh)
- 15 Td (An injection to left arm)
- 16 BCG repeat
- 17 Any other vaccinations

E var_mem_age <= 6

<p>VARIABLE</p> <p>@rowcode < 3 ? "At birth" : @rowcode < 7 ? "At 6 weeks" : //<8 @rowcode < 8 ? "At 10 weeks" : //<10 @rowcode < 11 ? "At 14 weeks" : //14 @rowcode < 12 ? "At 6 months" : //15 @rowcode < 13 ? "At</p> <p>And 167 other symbols [13]</p>	<p>STRING var_vaccination_period</p>
--	---

STATIC TEXT

%var_vaccination_period%

<p>Specify</p> <p>E @rowcode == 17 //20</p>	<p>TEXT hm_ch1_vaccination_specify</p> <p>.....</p>
---	--

<p>Did the child receive %rosteritle%?</p>	<p>SINGLE-SELECT: COMBO BOX hm_ch1_received_vaccination</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Date Received? (ÜÜ)</p> <p>E hm_ch1_received_vaccination == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hm_ch1_vaccination_date</p> <p>.....</p>
<p>Source of Info?</p> <p>E hm_ch1_received_vaccination == 1</p>	<p>SINGLE-SELECT: COMBO BOX hm_ch1_source_of_info</p> <p>01 <input type="radio"/> RTH Card</p> <p>02 <input type="radio"/> Spon. Recall</p>
<p>Why was [NAME] not given vaccine dose?</p> <p>I Mark all that apply by probing respondent to get reasons for missed doses</p> <p>F @rowcode < 3 ? (@optioncode < 7 @optioncode == 19) : (@optioncode == 1 @optioncode > 6)</p> <p>E hm_ch1_received_vaccination == 2</p>	<p>MULTI-SELECT hm_ch1_vacc_missed</p> <p>01 <input type="checkbox"/> Vaccine was out of stock</p> <p>02 <input type="checkbox"/> No one offered the child a vaccine</p> <p>03 <input type="checkbox"/> Birth was out of hospital</p> <p>04 <input type="checkbox"/> Mother refused the vaccine</p> <p>05 <input type="checkbox"/> Father refused the vaccine</p> <p>06 <input type="checkbox"/> Child was ill- birth complications</p> <p>07 <input type="checkbox"/> Primary caregiver didn't know that child must be vaccinated</p> <p>08 <input type="checkbox"/> Health facility is too far (distance)</p> <p>09 <input type="checkbox"/> Parents refused the vaccine</p> <p>10 <input type="checkbox"/> Child was ill and not taken to health facility</p> <p>11 <input type="checkbox"/> Child was ill and taken to health facility was not given vaccine</p> <p>12 <input type="checkbox"/> Religious reasons</p> <p>13 <input type="checkbox"/> Primary caregiver forgot that child had to be vaccinated</p> <p>14 <input type="checkbox"/> There was no one to take the child for vaccination</p> <p>15 <input type="checkbox"/> Went to health facility and found them closed</p> <p>16 <input type="checkbox"/> Went to health facility and was told vaccinator was not available</p> <p>And 3 other symbols [22]</p>
<p>Why was [NAME] not given dose (specify)</p> <p>E hm_ch1_vacc_missed.Contains(19)</p>	<p>TEXT hm_ch1_vacc_miss_specify</p> <p>.....</p>
<p>VARIABLE</p> <p>household_roster.Count(x=>x.hhu_refusal==2)</p>	<p>LONG var_hhu_refusal_count</p>

Would you like to register any new Households at this BoundedStructure?

SINGLE-SELECT: COMBO BOX

hhu_new_households

01 Yes

02 No

COVID-19 SCREENING FORM

covid19

E bs_refusal == 1; //current_contact == 1

COVID-19 SCREENING FORM
Roster: HOUSEHOLD
 generated by list question [hhu_list](#)

covid_hh_roster

HH IntID	NUMERIC: INTEGER SCOPE: HIDDEN -----
----------	--

COVID-19 SCREENING FORM / HOUSEHOLD
CONSENT

consent

Do you agree to be part of the study?	SINGLE-SELECT: COMBO BOX consent_to_study 01 <input type="radio"/> Yes 02 <input type="radio"/> No
---------------------------------------	---

COVID-19 SCREENING FORM / HOUSEHOLD
Roster: MEMBERS - %ROSTERTITLE%
 generated by list question [hhu_members_list](#)

covid_member_roster

E members_roster[@rowcode].hm_now_member == 1 && members_roster[@rowcode].hm_current_mem_resident == 2 && members_roster[@rowcode].var_mem_age < 15;

Member Registered IntID	NUMERIC: INTEGER SCOPE: HIDDEN -----
Member Name	TEXT SCOPE: HIDDEN -----
Member Age	NUMERIC: INTEGER SCOPE: HIDDEN -----
Does %rostartitle% currently stay at the homestead?	SINGLE-SELECT: COMBO BOX currently_resident 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Please specify why %rostartitle% does not stay at this homestead?	TEXT mem_non_res_reason -----

E currently_resident == 2

COVID-19 SCREENING FORM / HOUSEHOLD / MEMBERS - %ROSTERTITLE%
COVID HISTORY

Will %rostartitle% be answering the questions themselves? I CHECK: This question is for the Call Centre Agent. E currently_resident == 1	SINGLE-SELECT: COMBO BOX member_self_answered 01 <input type="radio"/> Yes 02 <input type="radio"/> No
--	---

<p>Has %roster% ever been tested for COVID-19?</p> <p>E currently_resident == 1</p>	<p>SINGLE-SELECT: COMBO BOX prior_covid_test</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Has %roster% previously been diagnosed with COVID-19?</p> <p>E prior_covid_test == 1</p>	<p>SINGLE-SELECT: COMBO BOX prior_covid_dx</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>When was %roster% last diagnosed with COVID-19?</p> <p>I YYYY-MM-DD</p> <p>E prior_covid_dx == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date.</p> <p>V2 \$validate_year</p> <p>M2 Invalid year.</p> <p>V3 \$validate_month</p> <p>M3 Invalid month format.</p> <p>V4 \$validate_day</p> <p>M4 Invalid day format.</p>	<p>TEXT prior_covid_dx_date</p> <p>-----</p>
<p>Has %roster% been hospitalized for COVID-19?</p> <p>E prior_covid_dx == 1</p>	<p>SINGLE-SELECT: COMBO BOX prior_covid_hosp</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>

COVID-19 SCREENING FORM / HOUSEHOLD / MEMBERS - %ROSTER%
VACCINATION HISTORY

<p>Has %roster% received any vaccine against Covid-19?</p>	<p>SINGLE-SELECT: COMBO BOX mem_vaccinated_covid</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How many COVID-19 vaccine doses has %roster% received?</p> <p>E mem_vaccinated_covid == 1</p>	<p>NUMERIC: INTEGER mem_covid_vac_count</p> <p>-----</p>

COVID-19 SCREENING FORM / HOUSEHOLD / MEMBERS - %ROSTER% / VACCINATION HISTORY
Roster: COVID-19 VACCINATION - %ROSTER%
generated by numeric question [mem_covid_vac_count](#)

<p>When did %covid_member_name% receive %roster% dose?</p> <p>I YYYY-MM-DD</p> <p>V1 \$validate_date</p> <p>M1 Invalid date.</p> <p>V2 \$validate_year</p> <p>M2 Invalid year.</p> <p>V3 \$validate_month</p> <p>M3 Invalid month format.</p> <p>V4 \$validate_day</p> <p>M4 Invalid day format.</p>	<p>TEXT mem_covid_vac_date</p> <p>-----</p>
--	--

Which vaccine did %covid_member_name% receive for %rostertitle% dose?	SINGLE-SELECT: COMBO BOX covid_vaccine_type 01 <input type="radio"/> Astra-Zeneca/Oxford/Chad Ox 02 <input type="radio"/> Pfizer/BioNTech 03 <input type="radio"/> Moderna 04 <input type="radio"/> Janssen/J&J 05 <input type="radio"/> Don't know 99 <input type="radio"/> Other
---	---

Other, Specify E covid_vaccine_type == 99	TEXT covid_vac_other
--	--

Where did %covid_member_name% receive the vaccination?	SINGLE-SELECT: COMBO BOX mem_covid_vac_place 01 <input type="radio"/> Local clinic / hospital 02 <input type="radio"/> Private practitioner, chemist, mobile vaccine facility 03 <input type="radio"/> Don't know
--	---

Please specify clinic	SINGLE-SELECT: COMBO BOX covid_clinic_place 01 <input type="radio"/> KwaMsane 02 <input type="radio"/> Mtuba Fixed 03 <input type="radio"/> Mpukunyoni 04 <input type="radio"/> Somkhele 05 <input type="radio"/> Machibini 06 <input type="radio"/> Gunjaneni 07 <input type="radio"/> Esiyembeni 08 <input type="radio"/> Ntondweni 09 <input type="radio"/> Madwaleni 10 <input type="radio"/> Nkundusi 11 <input type="radio"/> Hluhlwe 99 <input type="radio"/> Other
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Other, Specify E covid_clinic_place == 99	TEXT covid_clinic_place_oth
--	---

STATIC TEXT

E IsSectionAnswered(covid19) == false; //EnabledQuestionsCount(covid19) - EnabledAnsweredQuestionsCount(covid19) == 1 && hh_test_visit_time == -1 && string.IsNullOrEmpty(hh_test_visit_date.Value.ToString [And 50 other symbols \[9\]](#)

There are still unanswered COVID questions in this Household section

REGISTER NEW HOUSEHOLDS

E ((bs_current_state != 1 && bs_current_state != 3) && bs_currently_functional != 2 && hhu_new_households == 1)

<p>Please list the households currently resident at this Bounded Structure (eg. 'AA', 'AB'...'AE')</p> <p>V1 hhr_register_list.Length == 1 ? hhr_register_list[0].Item2 == "AA" : hhr_register_list.Length == 2 ? hhr_register_list[0].Item2 == "AA" && hhr_register_list[1].Item2 == "AB" : hhr_register_list.Length And 534 other symbols [5]</p> <p>M1 Please enter household(s) in the correct order and format(eg. 'AA', 'AB', 'AC', 'AD' or 'AE')</p> <p>V2 self.Select(x=>x.Item2.ToUpper()).Distinct().Count()==self.Count()</p> <p>M2 Duplicate household ID entered.</p>	<p>LIST hhr_register_list</p> <p>.....</p>
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REGISTER NEW HOUSEHOLDS

Roster: NEW HOUSEHOLDS

generated by list question [hhr_register_list](#)

hh_register_roster

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS

Roster: HH VISIT

generated by list question [bs_visit_ref_list](#)

hhr_visit_roster

E bs_visit_roster[@rowcode].bs_non_contact == 1

<p>What is the visit outcome?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_non_contact</p> <p>01 <input type="radio"/> Contact</p> <p>02 <input type="radio"/> Non-contact</p>
<p>Comment for non-contact</p> <p>E hhr_non_contact == 2</p>	<p>TEXT hhr_non_contact_comment</p> <p>.....</p>
<p>Are you transferring to tracking or rescheduling a visit?</p> <p>E hhr_non_contact == 2</p>	<p>SINGLE-SELECT: COMBO BOX hhr_vis_outcome_action</p> <p>01 <input type="radio"/> Transferring to tracking</p> <p>02 <input type="radio"/> Reschedule a visit</p> <p>03 <input type="radio"/> Non-contact</p>
<p>Why do you want to transfer record to tracking?</p> <p>E hhr_vis_outcome_action == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhr_transfer_reason</p> <p>01 <input type="radio"/> Found late afternoon only</p> <p>02 <input type="radio"/> Found late afternoon or Sunday</p> <p>03 <input type="radio"/> Found Sunday only</p> <p>04 <input type="radio"/> Working away from homestead but within DSA</p>
<p>When are you visiting the BS again?</p> <p>E hhr_vis_outcome_action == 2</p>	<p>DATE hhr_reschedule_visit</p> <p>.....</p>

STATIC TEXT

Could you please tell me the names of all members of your household who are 'currently' resident here?

STATIC TEXT

Could you please tell me the names of all members of your household who are 'currently' not usually resident here?

STATIC TEXT

Are there any other people who are usually resident with your household and usually eat together with your household,

e.g. domestic workers or children attending school?

STATIC TEXT

Has any member of your household died in the last visit/ last 12 months, including any of your domestic workers who were resident here?

List the members of household %rosteritle%	LIST	hhr_members_list
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REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS
HOUSEHOLD REGISTRATION

Who is the informant for the household?	SINGLE-SELECT: COMBO BOX	hhr_informant_type
	07 <input type="radio"/> HHH - Household Head	
	08 <input type="radio"/> HMB - Household Member	
	09 <input type="radio"/> MOH - Member of other HH	
	11 <input type="radio"/> NBR - Neighbour	
	15 <input type="radio"/> STM - Staff Member	
	04 <input type="radio"/> OTH - _other	
	03 <input type="radio"/> NON - _none	
	12 <input type="radio"/> OWN - Owner	
Informant TempID / DSID	SINGLE-SELECT: LINKED	hhr_informant_dsid
E hhr_informant_type == 8	SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST	
Informant TempID / DSID	TEXT	hhr_informant_oth_dsid
E hhr_informant_type == 11 hhr_informant_type == 4		
V1 \$validate_dsid		
M1 Invalid DSID / TempID		
HHID	TEXT	hhr_informant_hh
E hhr_informant_type == 11		
BSID	NUMERIC: INTEGER	hhr_informant_bs
E hhr_informant_type == 11		
	SPECIAL VALUES	
	99998 Don't know	
Informant Detail	TEXT	hhr_informant_detail
E hhr_informant_type == 11 hhr_informant_type == 4		
Was permission to participate given?	SINGLE-SELECT: COMBO BOX	hhr_refusal
E hhr_visit_roster.where(v => v.hhr_non_contact == 1).Any()	01 <input type="radio"/> Yes	
	02 <input type="radio"/> No, Refused	
What is the reason for refusal?	TEXT	hhr_refusal_comment
E hhr_refusal == 2		
Are you transferring this BS, to whom?	SINGLE-SELECT: COMBO BOX	transfer_hhr_refusal
E hhr_refusal == 2	01 <input type="radio"/> Field Supervisor	
	02 <input type="radio"/> Community Engagement	

STATIC TEXT

PIP Household Consent

<p>Was a food voucher offered?</p> <p>E hhr_refusal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hhr_food_voucher</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Barcode</p> <p>E hhr_food_voucher == 1</p>	<p>BARCODE hhr_voucher_barcode</p>
<p>To which cellphone number should we SMS the voucher code?</p> <p>I FOR TRACKERS ONLY</p> <p>E hhr_food_voucher == 1 && any_trk_vis == true</p>	<p>TEXT hhr_cell_voucher</p> <p>.....</p>
<p>Consent to Household Questionnaires?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_household_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Do you consent to allow us to collect data about your household through a telephonic interview; whereby we will call yourself or any adult household member who has telephone number and telephonically ask the same questions we are asking now?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Consent to understand process of notification of new households and reimbursement?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_notification_consent</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Was the consent person a member of this household?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_consent_mem</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Consent TempID/DSID</p> <p>E hhr_consent_mem == 1</p>	<p>SINGLE-SELECT: LINKED hhr_consent_dsid</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST</p>
<p>Other consent member TempID/DSID</p> <p>E hhr_consent_mem == 2</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID /TempID</p>	<p>TEXT hhr_consent_dsid_oth</p> <p>.....</p>
<p>Is participant able to write?</p> <p>E current_trk_vis_type != 1</p>	<p>SINGLE-SELECT: COMBO BOX hhr_consent_can_sign</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Participant consent signature</p> <p>I PARTICIPANT CONSENT SIGNATURE</p> <p>E hhr_consent_can_sign == 1</p>	<p>PICTURE hhr_consent_sign</p>
<p>Participant consent date</p> <p>I PARTICIPANT CONSENT DATE</p> <p>E hhr_consent_can_sign == 1</p>	<p>DATE: CURRENT TIME hhr_consent_date</p> <p>.....</p>
<p>Witness consent signature</p> <p>I WITNESS CONSENT SIGNATURE</p> <p>E hhr_consent_can_sign == 2</p>	<p>PICTURE hhr_witness_sign</p>

Witness consent date	DATE: CURRENT TIME	hhr_witness_date
I WITNESS CONSENT DATE E hhr_consent_can_sign == 2	

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / HOUSEHOLD REGISTRATION
COMMUNITY ENGAGEMENT ACTIVITIES

hhr_ceu_activities

Did you know our organisation [AHR] was going to visit you this week?	SINGLE-SELECT: COMBO BOX	hhr_visit_confirmation
	01 <input type="radio"/> Yes	
	02 <input type="radio"/> No	

How did you learn that we were going to visit you?	MULTI-SELECT	hhr_visit_know_how
I Mark all that apply E hhr_visit_confirmation == 1	01 <input type="checkbox"/> Roadshows 02 <input type="checkbox"/> Community dialogues 03 <input type="checkbox"/> Community meetings 04 <input type="checkbox"/> Commemorative events (e.g. World AIDS Day, Mandela Day, etc) 05 <input type="checkbox"/> Presentation by our staff at meetings held by other organisations 06 <input type="checkbox"/> Community sport or music events 07 <input type="checkbox"/> Radio programme 08 <input type="checkbox"/> SMS sent by our organisation 09 <input type="checkbox"/> School based-events 99 <input type="checkbox"/> Others	

Specify	TEXT	hhr_visit_know_specify
E hhr_visit_know_how.Contains(99)	

When did this household become resident at the BS? (ÜÜ)	TEXT	hhr_start_date
V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.	

Where did this household come from?	SINGLE-SELECT: COMBO BOX	hhr_origin
	01 <input type="radio"/> Household newly formed	
	02 <input type="radio"/> Migrated from within the PIP	
	03 <input type="radio"/> Migrated from outside the PIP	

VARIABLE hhr_origin == 2 ? "INTERNAL-IN MIGRATION" : (hhr_origin == 3 ? "EXTERNAL-IN MIGRATION" : "")	STRING	hhr_mgn_string
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Has the household ever been resident in the PIP since last visit/1st January 2017?	SINGLE-SELECT: COMBO BOX	hhr_been_resident
E hhr_origin == 3	01 <input type="radio"/> Yes	
	02 <input type="radio"/> No	

<p>Did all the members migrate with the household?</p> <p>E hhr_origin == 2 hhr_origin == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhr_all_migrated</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Please select the members who migrated with the household?</p> <p>I Mark all that apply</p> <p>E hhr_all_migrated == 2</p>	<p>MULTI-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: ROSTER REGISTER MEMBERS ROSTER</p> <p style="text-align: right;">hhr_selected_mem_mig</p>

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / HOUSEHOLD REGISTRATION
 %HHR_MGN_STRING%

E hhr_origin == 2 || hhr_origin == 3

<p>What was the main reason this household migrated?</p> <p>I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hhr_mgn_code</p> <p>01 <input type="radio"/> ABS - To look after a Bounded Structure</p> <p>02 <input type="radio"/> ACB - Built or bought house</p> <p>03 <input type="radio"/> ACH - Household formation</p> <p>04 <input type="radio"/> ACM - Accommodation</p> <p>05 <input type="radio"/> ACR - Changed rented accommodation</p> <p>06 <input type="radio"/> CAR - Caring</p> <p>07 <input type="radio"/> CCD - To be cared for</p> <p>08 <input type="radio"/> CCF - Was caring for someone</p> <p>09 <input type="radio"/> CCS - To care for someone</p> <p>10 <input type="radio"/> DFT - Default</p> <p>11 <input type="radio"/> DKN - Dont Know or No Reason given</p> <p>12 <input type="radio"/> ECJ - Changed jobs</p> <p>13 <input type="radio"/> EDU - Education</p> <p>14 <input type="radio"/> EFS - Finished School</p> <p>15 <input type="radio"/> ELD - Left employment as a domestic worker</p> <p>16 <input type="radio"/> ELE - Left Employment</p> <p>And 26 other symbols [41]</p>
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<p>If "Other" then specify</p> <p>E hhr_mgn_code == 32</p>	<p>TEXT hhr_mgn_code_specify</p> <p>.....</p>
--	--

<p>Other BSID</p> <p>E hhr_origin == 2</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID.</p>	<p>NUMERIC: INTEGER hhr_mgn_other_bsid</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>99997 NAD - Not Applicable</p> <p>99998 DKN - Don't Know</p>
--	--

<p>Other HHID</p> <p>E hhr_origin == 2</p> <p>V1 hhr_mgn_other_hhid.Length == 2</p> <p>M1 Invalid household Id</p>	<p>TEXT hhr_mgn_other_hhid</p> <p>.....</p>
--	--

<p>Location of previous place of residence</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hhr_origin == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhr_mgn_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [42]</p>
<p>Place name or description?</p> <p>E hhr_origin == 3</p>	<p>TEXT hhr_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E hhr_origin == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhr_mgn_other_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hhr_mgn_other_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hhr_mgn_other_place_urban == 2</p>	<p>TEXT hhr_mgn_oth_place_specify</p> <p>.....</p>
<p>Is the place an institution?</p> <p>E hhr_origin == 3</p>	<p>SINGLE-SELECT: COMBO BOX hhr_mgn_oth_place_institution</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Migration Details</p>	<p>TEXT hhr_mgn_mig_detail</p> <p>.....</p>
<p>Is this household "currently" resident at this BS?</p>	<p>SINGLE-SELECT: COMBO BOX hhr_currently_resident</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

<p>When did this household end its residency at this BS? (ÜÜ)</p> <p>E hhr_currently_resident == 2</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT</p> <p>hhr_end_date</p> <p>.....</p>
---	--

<p>VARIABLE</p> <p>hhr_register_list[@rowcode -1].ToString().Right(2)</p>	<p>STRING</p> <p>var_current_hhr_name</p>
---	---

<p>Did some or all of the members migrate together?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hhr_mem_milti_mig</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
---	---

<p>How many multiple migrations would you like to capture?</p> <p>E hhr_mem_milti_mig == 1</p>	<p>NUMERIC: INTEGER</p> <p>hhr_mem_multi_mig_count</p> <p>-----</p>
--	---

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS

Roster: MULTIPLE MIGRATIONS

generated by numeric question [hhr_mem_multi_mig_count](#)

hhr_multiple_mig_roster

<p>Please select the members who migrated together?</p> <p>I Mark all that apply</p>	<p>MULTI-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR_MEMBERS_LIST</p> <p>hhr_multi_mig_mem</p>
--	---

<p>Did the members migrate from within or outside the PIPSA?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hhr_multi_mig_surveillance_area</p> <p>01 <input type="radio"/> Within PIPSA</p> <p>02 <input type="radio"/> Outside PIPSA</p>
--	---

<p>VARIABLE</p> <p>hhr_multi_mig_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (hhr_multi_mig_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")</p>	<p>STRING</p> <p>hhr_multi_mgn_string</p>
---	---

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MULTIPLE MIGRATIONS

%HHR_MULTI_MGN_STRING%

E hhr_multi_mig_surveillance_area == 1 || hhr_multi_mig_surveillance_area == 2

<p>When did the individual start being resident at this BS? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT</p> <p>hhr_multi_mgn_date</p> <p>.....</p>
---	--

What was the main reason this individual migrated?

I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX hhr_multi_mgn_code

- 01 ABS - To look after a Bounded Structure
- 02 ACB - Built or bought house
- 03 ACH - Household formation
- 04 ACM - Accommodation
- 05 ACR - Changed rented accommodation
- 06 CAR - Caring
- 07 CCD - To be cared for
- 08 CCF - Was caring for someone
- 09 CCS - To care for someone
- 10 DFT - Default
- 11 DKN - Dont Know or No Reason given
- 12 ECJ - Changed jobs
- 13 EDU - Education
- 14 EFS - Finished School
- 15 ELD - Left employment as a domestic worker
- 16 ELE - Left Employment

[And 26 other symbols \[43\]](#)

If "Other" then specify

E hhr_multi_mgn_code == 32

TEXT hhr_multi_mgn_code_specify

.....

Other BSID

E hhr_multi_mig_surveillance_area == 1
 V1 self > 9999 && self < 99999
 M1 Invalid BSID.

NUMERIC: INTEGER hhr_multi_mgn_other_bsid

SPECIAL VALUES
 99997 NAD - Not Applicable
 99998 DKN - Don't Know

Other HHID

E hhr_multi_mig_surveillance_area == 1

TEXT hhr_multi_mgn_other_hhid

.....

<p>Location of previous place of residence</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hhr_multi_mig_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hhr_multi_mgn_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [44]</p>
<p>Place name or description?</p> <p>E hhr_multi_mig_surveillance_area == 2</p>	<p>TEXT hhr_multi_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E hhr_multi_mig_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hhr_multi_mgn_oth_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hhr_multi_mgn_oth_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hhr_multi_mgn_oth_place_urban == 2</p>	<p>TEXT hhr_multi_mgn_oth_place_spec</p> <p>.....</p>
<p>Is the place an institution?</p> <p>E hhr_multi_mig_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hhr_multi_mgn_oth_place_inst</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Migration Details</p>	<p>TEXT hhr_multi_mgn_mig_detail</p> <p>.....</p>

VARIABLE var_current_hhr_name + @rowcode.ToString()	STRING var_reg_mem_tempid
STATIC TEXT <i>DSID/TempID: %var_reg_mem_tempid%</i>	
Is this a new member? I FOR MIGRATION RECONCILIATORS ONLY	SINGLE-SELECT: COMBO BOX hmr_is_new_member 01 <input type="radio"/> Yes 02 <input type="radio"/> No
DSID E hmr_is_new_member == 2	TEXT hmr_member_dsid
Surname	TEXT hmr_surname
First Name	TEXT hmr_name1
Second Name	TEXT hmr_name2
Does %rostertitle% have a maiden name? (Select No if not applicable) E hmr_gender == 2	SINGLE-SELECT: COMBO BOX hmr_has_maiden_name 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Maiden name (if applicable) E hmr_has_maiden_name == 1	TEXT hmr_maiden_name
Were civilian ID details obtained?	SINGLE-SELECT: COMBO BOX hmr_civil_id_detail 01 <input type="radio"/> Yes, seen 02 <input type="radio"/> Yes, but not seen 03 <input type="radio"/> No
What is Civilian ID E hmr_civil_id_detail > 0 && hmr_civil_id_detail < 3 V1 hmr_civil_id.Length == 13 M1 Invalid civilian Id length V2 \$validate_civil_id_2 M2 Invalid civilian Id	TEXT hmr_civil_id
VARIABLE Convert.ToInt32(hmr_civil_id.Substring(0, 1)) + Convert.ToInt32(hmr_civil_id.Substring(2, 1)) + Convert.ToInt32(hmr_civil_id.Substring(4, 1)) + Convert.ToInt32(hmr_civil_id.Substring(6, 1)) + And 94 other symbols [14]	LONG hmr_cid_odd This variable is excluded from the exported data
VARIABLE (Convert.ToInt32(hmr_civil_id.Substring(1, 1) + hmr_civil_id.Substring(3, 1) + hmr_civil_id.Substring(5, 1) + hmr_civil_id.Substring(7, 1) + hmr_civil_id.Substring(9, 1) + hmr_civil_id.Sub And 30 other symbols [15]	STRING hmr_cid_even_str This variable is excluded from the exported data

<p>VARIABLE</p> <pre>(hmr_cid_even_str.Length == 2 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1))) : hmr_cid_even_str.Length == 3 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 2)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 3))) : 0)</pre> <p>And 1539 other symbols [16]</p>	<p>LONG</p> <p style="text-align: right;">hmr_cid_even_int</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <pre>hmr_cid_odd + hmr_cid_even_int</pre>	<p>LONG</p> <p style="text-align: right;">hmr_cid_odd_even</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <pre>10 - Convert.ToInt32(hmr_cid_odd_even.ToString().Substring(1, 1))</pre>	<p>LONG</p> <p style="text-align: right;">hmr_cid_odd_even_chk</p> <p>This variable is excluded from the exported data</p>
<p>VARIABLE</p> <pre>Convert.ToInt32(hmr_civil_id.Substring(12, 1))</pre>	<p>LONG</p> <p style="text-align: right;">hmr_cid_chk</p> <p>This variable is excluded from the exported data</p>
<p>What is the Civilian ID date of birth? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 (!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(2, 2) == hmr_civil_id.Substring(0, 2) ? true : false) : true</p> <p>M2 Civilian Id and date of birth does not match.</p> <p>V3 (!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (hmr_civil_id_dob.Substring(5, 2) == hmr_civil_id.Substring(2, And 34 other symbols [6]) : false) : true</p> <p>M3 Civilian Id and date of birth does not match.</p> <p>V4 (!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(8, 2).IsIntegerNumber() ? (hmr_civil_id_dob.Substring(8, 2) == hmr_civil_id.Substring(4, And 34 other symbols [6]) : false) : true</p> <p>M4 Civilian Id and date of birth does not match.</p> <p>V5 \$validate_century</p> <p>M5 Invalid century date format.</p> <p>V6 \$validate_year</p> <p>M6 Invalid year date format.</p> <p>V7 \$validate_month</p> <p>M7 Invalid month date format.</p> <p>V8 \$validate_day</p> <p>M8 Invalid day date format.</p>	<p>TEXT</p> <p style="text-align: right;">hmr_civil_id_dob</p> <p>-----</p>
<p>VARIABLE</p> <pre>!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() && hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber()) : 0</pre> <p>And 87 other symbols [17]</p>	<p>LONG</p> <p style="text-align: right;">var_reg_age_full</p>
<p>VARIABLE</p> <pre>!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hmr_civil_id_dob.Substring(5, 2))) : 0)</pre> <p>And 256 other symbols [18]</p>	<p>LONG</p> <p style="text-align: right;">var_reg_age_month</p>
<p>VARIABLE</p> <pre>!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? (current_visit.value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4))) : 0) : 0;</pre>	<p>LONG</p> <p style="text-align: right;">var_reg_age_year</p>

<p>VARIABLE</p> <pre>var_reg_age_full > 0 ? var_reg_age_full : var_reg_age_mnth > 0 ? var_reg_age_month : var_reg_age_year > 0 ? var_reg_age_year : 0; /*!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Sub</pre> <p>And 765 other symbols [19]</p>	<p>LONG</p> <p>var_reg_mem_age</p>
<p>VARIABLE</p> <pre>IsAnswered(hmr_civil_id_dob) ? "Age: " + var_reg_mem_age.ToString() : "PLEASE CAPTURE THE DATE OF BIRTH."</pre>	<p>STRING</p> <p>var_reg_mem_age_str</p>
<p>STATIC TEXT</p> <p><i>%var_reg_mem_age_str%</i></p>	
<p>What is %roster%<i>title</i>'s sex?</p> <p>V1 (!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? ((hmr_gender == 1 && Convert.ToInt32(hmr_civil_id.Substring(6, 4)) > 4999 ? true : false) (hmr_gender == 2 && Con And 73 other symbols [7]</p> <p>M1 Civilian Id and Sex does not match</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_gender</p> <p>01 <input type="radio"/> Male</p> <p>02 <input type="radio"/> Female</p>
<p>Does %roster%<i>title</i> have a primary telephone?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_has_primary_tel</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is %roster%<i>title</i>'s primary telephone number?</p> <p>I Enter 999 999 9999 if the Telephone number is not known or not applicable.</p> <p>E hmr_has_primary_tel == 1</p>	<p>TEXT</p> <p>hmr_tel_primary</p> <p>.....</p>
<p>Who is the cellphone network service provider for %roster%<i>title</i>'s primary contact number?</p> <p>E hmr_has_primary_tel == 1</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_tel_provider_primary</p> <p>01 <input type="radio"/> CLC - Cell C</p> <p>02 <input type="radio"/> DEP - Question not asked</p> <p>03 <input type="radio"/> DKN - Dont know Network Provider</p> <p>04 <input type="radio"/> MTN - MTN</p> <p>05 <input type="radio"/> TKM - Telkom Mobile (8ta)</p> <p>06 <input type="radio"/> VDM - Vodacom</p> <p>07 <input type="radio"/> VGN - Virgin Mobile</p> <p>08 <input type="radio"/> OTH - Other</p>
<p>Specify</p> <p>E hmr_tel_provider_primary == 8</p>	<p>TEXT</p> <p>hmr_tel_primary_oth_specify</p> <p>.....</p>
<p>Does %roster%<i>title</i> have a secondary telephone?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_has_secondary_tel</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What is %roster%<i>title</i>'s secondary telephone number?</p> <p>I Enter 999 999 9999 if the Telephone number is not known or not applicable.</p> <p>E hmr_has_secondary_tel == 1</p>	<p>TEXT</p> <p>hmr_tel_secondary</p> <p>.....</p>

Who is the cellphone network service provider for %rostertitle%'s secondary contact number?

E hmr_has_secondary_tel == 1

SINGLE-SELECT: COMBO BOX hmr_tel_provider_secondary

- 01 CLC - Cell C
- 02 DEP - Question not asked
- 03 DKN - Dont know Network Provider
- 04 MTN - MTN
- 05 TKM - Telkom Mobile (8ta)
- 06 VDM - Vodacom
- 07 VGN - Virgin Mobile
- 08 OTH - Other

Specify

E hmr_tel_provider_secondary == 8

TEXT hmr_tel_secondary_oth_specify

.....

When did %rostertitle% become a household member?

SINGLE-SELECT: COMBO BOX hmr_membership_start_type

- 01 When Household formed
- 02 At birth
- 03 Membership Rule Start
- 04 On In-Migration
- 05 Other

Membership start date (ÜÜ)

E hmr_membership_start_type == 5

TEXT hmr_start_date_other

.....

- V1 \$validate_date
- M1 Invalid date format.
- V2 \$validate_century
- M2 Invalid century date format.
- V3 \$validate_year
- M3 Invalid year date format.
- V4 \$validate_month
- M4 Invalid month date format.
- V5 \$validate_day
- M5 Invalid day date format.

Is %rostertitle% still a household member now?

SINGLE-SELECT: COMBO BOX hmr_now_member

- 01 Yes
- 02 No, died
- 03 No, membership ended

What is the membership end type?

E hmr_now_member == 3

SINGLE-SELECT: COMBO BOX hmr_end_type

- 02 DKN - _don't know
- 38 EIO - External Individual OutMigration
- 43 HME - Household Membership End
- 04 NAD - _non applicable

Membership end date? (ÜÜ)

E hmr_now_member > 1

TEXT hmr_end_date

.....

- V1 \$validate_date
- M1 Invalid date format.
- V2 \$validate_century
- M2 Invalid century date format.
- V3 \$validate_year
- M3 Invalid year date format.
- V4 \$validate_month
- M4 Invalid month date format.
- V5 \$validate_day
- M5 Invalid day date format.

DEATH

E hmr_now_member == 2

Was a death certificate seen?	SINGLE-SELECT: COMBO BOX hmr_dtn_death_certificate 01 <input type="radio"/> Yes 02 <input type="radio"/> No
-------------------------------	--

STATIC TEXT

Where did name die?

Setting I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.	SINGLE-SELECT: COMBO BOX hmr_dtn_setting 07 <input type="radio"/> ACC - Africa Centre Counselling Centre 02 <input type="radio"/> DKN - _don't know 08 <input type="radio"/> FCL - Fixed Clinic (not further specified) 09 <input type="radio"/> GFC - Governmental (public) Fixed Clinic 10 <input type="radio"/> GHP - Governmental (public) Hospital 11 <input type="radio"/> GPS - Governmental (public) Primary School 12 <input type="radio"/> GSS - Governmental (public) Secondary School 14 <input type="radio"/> HOP - Hospital (not further specified) 15 <input type="radio"/> MCL - Mobile Clinic 04 <input type="radio"/> NAD - _non applicable 16 <input type="radio"/> OEF - Other Educational Facility 18 <input type="radio"/> OHM - Own Home 17 <input type="radio"/> OHS - Other Homestead 05 <input type="radio"/> OTH - _other 20 <input type="radio"/> PCL - Private Clinic 21 <input type="radio"/> PHP - Private Hospital And 8 other symbols [45]
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Care Provider

I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hmr_dtn_care_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[46\]](#)

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hmr_dtn_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[47\]](#)

<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_dtn_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [48]</p>
<p>Other BSID</p> <p>E hmr_dtn_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hmr_dtn_bsid_other</p> <p>-----</p>
<p>Is the place in a rural or urban area?</p> <p>E (hmr_dtn_bsid == 99997 hmr_dtn_bsid == 99998) && !(hmr_dtn_setting == 18 && hmr_dtn_location == 9)</p>	<p>SINGLE-SELECT: COMBO BOX hmr_dtn_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hmr_dtn_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hmr_dtn_place_urban == 2</p>	<p>TEXT hmr_dtn_place_specify</p> <p>-----</p>
<p>Description of the place of death</p> <p>E (hmr_dtn_bsid == 99997 hmr_dtn_bsid == 99998) && !(hmr_dtn_setting == 18 && hmr_dtn_location == 9)</p>	<p>TEXT hmr_dtn_place_description</p> <p>-----</p>
<p>VARIABLE</p> <p>7</p>	<p>LONG var_reg_maternal_death_result</p>

<p>What is/was the relationship of %rostertitle% to the head of the household on %var_bs_current_visit_string%?</p> <p>I If the Relationship is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>W1 ((register_members_roster.Count(x=>x.hmr_head_relationship==13))<1) ? false : true</p> <p>M1 No Head has been selected yet.</p> <p>V2 ((register_members_roster.Count(x=>x.hmr_head_relationship==13))>1) ? false : true</p> <p>M2 A previous member was already selected as the Head of the Household.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_head_relationship</p> <p>07 <input type="radio"/> AFC - Adopted / Foster child</p> <p>08 <input type="radio"/> BGF - Boyfriend/Girlfriend</p> <p>17 <input type="radio"/> CHD - Son or Daughter</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>10 <input type="radio"/> DOM - Domestic Worker</p> <p>11 <input type="radio"/> GCH - Grandchild</p> <p>12 <input type="radio"/> GPA - Grandparent</p> <p>14 <input type="radio"/> OFR - Other (family) Relative</p> <p>04 <input type="radio"/> OTH - _other</p> <p>16 <input type="radio"/> PLW - Parent-in-law</p> <p>15 <input type="radio"/> PRN - Parent</p> <p>06 <input type="radio"/> RFS - _refused</p> <p>18 <input type="radio"/> SDL - Son or Daughter-in-law</p> <p>09 <input type="radio"/> SIB - Brother or Sister</p> <p>13 <input type="radio"/> SLF - Head (self)</p> <p>20 <input type="radio"/> SPS - Wife or Husband</p> <p>And 1 other symbols [35]</p>
<p>How many nights did %rostertitle% spend at the Bounded Structure from 4 months ago until %var_bs_current_visit_string%?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_night_count</p> <p>000 <input type="radio"/> No nights</p> <p>010 <input type="radio"/> Few (1-20) nights</p> <p>040 <input type="radio"/> Some (21-60; less than half) nights</p> <p>080 <input type="radio"/> Many (61-100; more than half) nights</p> <p>110 <input type="radio"/> Most (101-119) nights</p> <p>120 <input type="radio"/> All nights</p>
<p>Is/was %rostertitle% still resident at %var_bs_current_visit_string%?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_is_mem_resident</p> <p>01 <input type="radio"/> No, non-resident</p> <p>02 <input type="radio"/> Yes, resident</p>
<p>Has %rostertitle% changed his/her residency status at this Bounded Structure from 4 months ago until %var_bs_current_visit_string%?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_residency_changed</p> <p>01 <input type="radio"/> Yes, in-migrated</p> <p>02 <input type="radio"/> Yes, out-migrated</p> <p>03 <input type="radio"/> No, unchanged</p> <p>04 <input type="radio"/> Don't Know</p>
<p>Did %rostertitle% migrate from within or outside the PIPSA?</p> <p>E hmr_residency_changed == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_surveillance_area</p> <p>01 <input type="radio"/> Within PIPSA</p> <p>02 <input type="radio"/> Outside PIPSA</p>
<p>VARIABLE</p> <p>hhr_origin == 2 && ((hhr_all_migrated == 2 && hmr_residency_changed == 1 && hmr_surveillance_area == 1 && hhr_selected_mem_mig.Count(x=>x[1]==@rowcode)>0) hhr_all_migrated == 1) hhr_origin == 3</p> <p>And 165 other symbols [20]</p>	<p>BOOLEAN var_ind_incl_hhr_mig</p>
<p>VARIABLE</p> <p>hmr_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (hmr_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")</p>	<p>STRING hmr_mgn_string</p>

Was %rostartertitle% included in any multiple %hmr_mgn_string%

E hmr_residency_changed == 1 && var_ind_incl_hhr_mig == false && hhr_mem_milti_mig == 1

SINGLE-SELECT: COMBO BOX

hhr_ind_incl_multi_mig

01 Yes

02 No

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS
%HMR_MGN_STRING%

E hmr_residency_changed == 1 && hmr_surveillance_area > 0 && !(var_ind_incl_hhr_mig == true || hhr_ind_incl_multi_mig == 1)

When did the individual start being resident at this BS? (ÜÜ)

TEXT

hmr_mgn_date

.....

- V1 \$validate_date
- M1 Invalid date format.
- V2 \$validate_century
- M2 Invalid century date format.
- V3 \$validate_year
- M3 Invalid year date format.
- V4 \$validate_month
- M4 Invalid month date format.
- V5 \$validate_day
- M5 Invalid day date format.

What was the main reason this individual migrated?

I If the 'migration reason' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hmr_mgn_code

- 01 ABS - To look after a Bounded Structure
- 02 ACB - Built or bought house
- 03 ACH - Household formation
- 04 ACM - Accommodation
- 05 ACR - Changed rented accommodation
- 06 CAR - Caring
- 07 CCD - To be cared for
- 08 CCF - Was caring for someone
- 09 CCS - To care for someone
- 10 DFT - Default
- 11 DKN - Dont Know or No Reason given
- 12 ECJ - Changed jobs
- 13 EDU - Education
- 14 EFS - Finished School
- 15 ELD - Left employment as a domestic worker
- 16 ELE - Left Employment

[And 26 other symbols \[49\]](#)

If "Other" then specify

E hmr_mgn_code == 32

TEXT

hmr_mgn_code_specify

.....

Other BSID

NUMERIC: INTEGER

hmr_mgn_other_bsid

SPECIAL VALUES

99997 NAD - Not Applicable

99998 DKN - Don't Know

- E hmr_surveillance_area == 1
- V1 self > 9999 && self < 99999
- M1 Invalid BSID.

<p>Other HHID</p> <p>E hmr_surveillance_area == 1</p>	<p>TEXT hmr_mgn_other_hhid</p> <p>.....</p>
<p>Location of previous place of residence</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E hmr_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_mgn_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [50]</p>
<p>Place name or description?</p> <p>E hmr_surveillance_area == 2</p>	<p>TEXT hmr_mgn_place_name</p> <p>.....</p>
<p>Is the place in a rural or urban area?</p> <p>E hmr_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_mgn_other_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hmr_mgn_other_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hmr_mgn_other_place_urban == 2</p>	<p>TEXT hmr_mgn_oth_place_specify</p> <p>.....</p>
<p>Is the place an institution?</p> <p>E hmr_surveillance_area == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_mgn_oth_place_institute</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Migration Details</p>	<p>TEXT hmr_mgn_mig_detail</p> <p>.....</p>

<p>Is Mother a member of this Household?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_maternal_is_member</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Please select Mother</p> <p>E hmr_maternal_is_member == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST</p> <p style="text-align: right;">hmr_maternal_linked_member</p>
<p>Mother's TempID/DSID?</p> <p>E hmr_maternal_is_member == 2</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID /TempID</p>	<p>TEXT hmr_maternal_dsid</p> <p>.....</p>
<p>Mother's Surname?</p> <p>E hmr_maternal_is_member == 2 (hmr_maternal_linked_member == null && hmr_maternal_dsid == null)</p>	<p>TEXT hmr_maternal_surname</p> <p>.....</p>
<p>Mother's First Name?</p> <p>E hmr_maternal_is_member == 2 (hmr_maternal_linked_member == null && hmr_maternal_dsid == null)</p>	<p>TEXT hmr_maternal_name1</p> <p>.....</p>
<p>Mother's Second Name?</p> <p>E hmr_maternal_is_member == 2 (hmr_maternal_linked_member == null && hmr_maternal_dsid == null)</p>	<p>TEXT hmr_maternal_name2</p> <p>.....</p>
<p>Is %roster%tittle%'s mother alive?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_maternal_status</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p> <p>03 <input type="radio"/> Don't know</p>
<p>How old is %roster%tittle%'s mother?</p> <p>I If Mother alive and TEMP ID/DSID not known:</p> <p>E hmr_maternal_status == 1</p> <p>V1 self < 999</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_maternal_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>997 NAD - Not Applicable</p> <p>998 DKN - Don't Know</p>
<p>When did mother die? (ÜÜ)</p> <p>E hmr_maternal_status == 2</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_maternal_dod</p> <p>.....</p>
<p>Mother age at death?</p> <p>E hmr_maternal_status == 2</p> <p>V1 self < 999</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_maternal_death_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>997 NAD - Not Applicable</p> <p>998 DKN - Don't Know</p>

<p>If TEMPID/DSID not known and current status is 'Alive' where does mother live?</p> <p>E (IsAnswered(hmr_maternal_linked_member) == false && IsAnswered(hmr_maternal_dsid) == false) && hmr_maternal_status == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_maternal_live</p> <p>01 <input type="radio"/> Same area (village/isigodi)</p> <p>02 <input type="radio"/> Elsewhere in PIPSA</p> <p>03 <input type="radio"/> In the immediate surroundings outside PIPSA</p> <p>04 <input type="radio"/> Elsewhere</p>
<p>Is Father a member of this Household?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_paternal_is_member</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Please select Father</p> <p>E hmr_paternal_is_member == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST</p> <p style="text-align: right;">hmr_paternal_linked_member</p>
<p>Father's TempID/DSID?</p> <p>E hmr_paternal_is_member == 2</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID /TempID</p>	<p>TEXT hmr_paternal_dsid</p> <p>.....</p>
<p>Father's Surname?</p> <p>E hmr_paternal_is_member == 2 (hmr_paternal_linked_member == null && hmr_paternal_dsid == null)</p>	<p>TEXT hmr_paternal_surname</p> <p>.....</p>
<p>Father's First Name?</p> <p>E hmr_paternal_is_member == 2 (hmr_paternal_linked_member == null && hmr_paternal_dsid == null)</p>	<p>TEXT hmr_paternal_name1</p> <p>.....</p>
<p>Father's Second Name?</p> <p>E hmr_paternal_is_member == 2 (hmr_paternal_linked_member == null && hmr_paternal_dsid == null)</p>	<p>TEXT hmr_paternal_name2</p> <p>.....</p>
<p>Is %rostartitle%'s father alive?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_paternal_status</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p> <p>03 <input type="radio"/> Don't know</p>
<p>How old is %rostartitle%'s father?</p> <p>I If Father alive and TEMP ID/DSID not known:</p> <p>E hmr_paternal_status == 1</p> <p>V1 self < 999</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_paternal_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>997 NAD - Not Applicable</p> <p>998 DKN - Don't Know</p>
<p>When did father die? YYYY-MM-DD (ÜÜ)</p> <p>E hmr_paternal_status == 2</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_paternal_dod</p> <p>.....</p>

<p>Father age at death?</p> <p>E hmr_paternal_status == 2 V1 self < 999 M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_paternal_death_age</p> <p>-----</p> <p>SPECIAL VALUES 997 NAD - Not Applicable 998 DKN - Don't Know</p>
<p>If TEMPID/DSID not known and current status is 'Alive' where does father live?</p> <p>E (IsAnswered(hmr_paternal_linked_member) == false && IsAnswered(hmr_paternal_dsid) == false) && hmr_paternal_status == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_paternal_live</p> <p>01 <input type="radio"/> Same area (village/isigodi) 02 <input type="radio"/> Elsewhere in PIPSA 03 <input type="radio"/> In the immediate surroundings outside PIPSA 04 <input type="radio"/> Elsewhere</p>
<p>Is %rostertitle% currently a recipient of a government grant?</p> <p>I Mark all that apply V1 self.Contains(6) ? !self.ContainsAny(11, 1, 9, 4, 12, 7, 10, 13) : true M1 Can't select None while you have selected other grants.</p>	<p>MULTI-SELECT hmr_govt_grants</p> <p>11 <input type="checkbox"/> CAR - Care dependency 01 <input type="checkbox"/> CHS - Child Support 09 <input type="checkbox"/> DIS - Disability 04 <input type="checkbox"/> FOC - Foster Care 12 <input type="checkbox"/> GIA - Grant-in-aid 06 <input type="checkbox"/> NON - _None 07 <input type="checkbox"/> OAP - Old Age Pension 10 <input type="checkbox"/> WAR - War veterans 13 <input type="checkbox"/> SRD - Social Relief of Distress 14 <input type="checkbox"/> TEG - Tertiary Education Grant</p>

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS

Roster: CURRENT GRANTS

generated by multi-select question [hmr_govt_grants](#)

hmr_new_grants_roster

E !hmr_govt_grants.Contains(6)

<p>When did %hmr_surname%, %hmr_name1% %hmr_name2% start receiving %rostertitle% (ÜÜ)</p> <p>V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.</p>	<p>TEXT hmr_current_grant_received</p> <p>-----</p>
<p>Who is the beneficiary of the grant?</p> <p>E @rowcode == 11 @rowcode == 1 @rowcode == 4 V1 \$validate_dsid M1 Invalid DSID / TempID</p>	<p>TEXT hmr_current_grant_beneficiary</p> <p>-----</p>

What is the highest grade %roster% completed at school?

I If the Grade is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E var_reg_mem_age >= 6

SINGLE-SELECT: COMBO BOX

hmr_highest_grade

- 27 NON - _none
- 23 LOY - Less than one year
- 51 PRE - Pre-school
- 10 G01 - Grade 1 or Sub A/Class1
- 11 G02 - Grade 2 or Sub B/Class2
- 12 G03 - Grade 3 / Standard 1 / ABET1
- 13 G04 - Grade 4 / Standard 2
- 14 G05 - Grade 5 / Standard 3 / ABET2
- 15 G06 - Grade 6 / Standard 4
- 16 G07 - Grade 7 / Standard 5 / ABET3
- 17 G08 - Grade 8 / Standard 6
- 18 G09 - Grade 9 / Standard 7 / ABET4
- 19 G10 - Grade 10 / Standard 8
- 20 G11 - Grade 11 / Standard 9
- 21 G12 - Grade 12 / Standard 10
- 09 DKN - _don't know

[And 1 other symbols \[36\]](#)

What is the highest level of education %roster% completed after school?

I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E var_reg_mem_age >= 6

SINGLE-SELECT: COMBO BOX

hmr_tertiary_education

- 27 NON - _none
- 46 N01 - NQF1 / N1 / NTC 1
- 47 N02 - NQF2 / N2 / NTC 2
- 48 N03 - NQF3 / N3 / NTC 3
- 49 N04 - NQF4 / N4 / NTC 4
- 52 N05 - NQF5 / N5 / NTC 5
- 53 N06 - NQF6 / N6 / NTC 6
- 01 BAC - Bachelor's Degree (NQF7)
- 22 HON - Honours Degree (NQF8)
- 54 MSD - Master's Degree (NQF9)
- 55 DOC - Doctoral Degree - PhD (NQF10)
- 09 DKN - _don't know
- 31 RFS - _refused
- 26 NAD - _non applicable

Is %roster% currently in full-time or part-time education?

E var_reg_mem_age >= 6

SINGLE-SELECT: COMBO BOX

hmr_current_education

- 01 A - Part-time
- 02 F - Full-Time
- 03 N - No
- 05 R - _Refused
- 06 U - _Unknown

Is %rostertitle% currently attending an educational institution?

I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_current_education == 1 || hmr_current_education == 2

- SINGLE-SELECT: COMBO BOX hmr_current_education_level
- 50 CRC - Creche
 - 51 PRE - Pre-school
 - 10 G01 - Grade 1 or Sub A/Class1
 - 11 G02 - Grade 2 or Sub B/Class2
 - 12 G03 - Grade 3 / Standard 1
 - 13 G04 - Grade 4 / Standard 2
 - 14 G05 - Grade 5 / Standard 3
 - 15 G06 - Grade 6 / Standard 4
 - 16 G07 - Grade 7 / Standard 5
 - 17 G08 - Grade 8 / Standard 6
 - 18 G09 - Grade 9 / Standard 7
 - 19 G10 - Grade 10 / Standard 8
 - 20 G11 - Grade 11 / Standard 9
 - 21 G12 - Grade 12 / Standard 10
 - 42 A01 - ABET1
 - 43 A02 - ABET2
- [And 13 other symbols \[37\]](#)

Have you ever been treated for TB?

E hmr_treated_for_tb == 1

- SINGLE-SELECT: COMBO BOX hmr_treated_for_tb
- 01 Yes
 - 02 No

STATIC TEXT

Individual should be prompted to have any TB treatment cards available to answer questions

If Yes, how many times?

E hmr_treated_for_tb == 1

NUMERIC: INTEGER hmr_tb_treatment_count

If Yes, what is the date of your most recent treatment commenced (Month-Year)?

E hmr_treated_for_tb == 1

TEXT hmr_recent_tb_date

.....

Record date from TB treatment card?

I To be completed by Interviewer
E hmr_treated_for_tb == 1

- SINGLE-SELECT: COMBO BOX hmr_tb_card
- 01 Yes
 - 02 No

What is/was the marital state of %rostertitle% on %var_bs_current_visit_string%?

- I If the Status is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
- E var_reg_mem_age >= 12

SINGLE-SELECT: COMBO BOX hmr_marital_state

- 13 CNM - Currently not married (not further specified)
- 01 DFT - _default
- 14 DIV - Divorced
- 03 DKN - _don't know
- 15 MAR - Married (not further specified)
- 10 MCM - Civil Marriage (monogamous)
- 04 MIS - _missing
- 17 MNG - Monogamous Marriage
- 22 MTM - Traditional Marriage (monogamous)
- 05 NAD - _non applicable
- 18 NBM - Never been married (not further specified)
- 19 NNE - Never been married and not engaged
- 20 NVE - Never been married, but engaged
- 06 OTH - _other
- 11 PCM - Civil Marriage (polygamous)
- 21 PLG - Polygamous Marriage

[And 7 other symbols \[38\]](#)

Does/did %rostertitle% have a regular or casual partner on %var_bs_current_visit_string%?

- E (var_reg_mem_age >= 12) && (hmr_marital_state != 15 && hmr_marital_state != 21 && hmr_marital_state != 11 && hmr_marital_state != 23 && hmr_marital_state != 17 && hmr_marital_state != 10 && [And 27 other symbols \[6\]](#))

SINGLE-SELECT: COMBO BOX hmr_partnership_pattern

- 09 MAP - Marital Partnership
- 12 RGP - Regular Partnership
- 08 CSP - Casual Partnership(s)
- 10 NPA - No Partnership(s)
- 02 DKN - _don't know

Is %rostertitle% currently pregnant?

- I Cross 'Not asked' if [NAME] is/was over 49 years on [DATE]
- E (var_reg_mem_age >= 12 && var_reg_mem_age <= 49) && hmr_gender == 2

SINGLE-SELECT: COMBO BOX hmr_pregnant

- 01 Yes, Pregnant
- 02 No
- 03 Don't know
- 04 Not asked

Check: Is %rostertitle% a new member to the PIPSA?

- E var_reg_mem_age >= 12 && hmr_gender == 2 && (hmr_pregnant > 0 && hmr_pregnant < 4)

SINGLE-SELECT: COMBO BOX hmr_new_female_member

- 01 Yes
- 02 No

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS
PREGNANCY HISTORY

- E var_reg_mem_age >= 12 && hmr_new_female_member == 1 && hmr_now_member == 1 && hmr_is_mem_resident == 2

Have you ever given birth?

SINGLE-SELECT: COMBO BOX hmr_pgh_gave_birth

- 01 Yes
- 02 No

<p>How many live births did you have?</p> <p>E hmr_pgh_gave_birth == 1</p> <p>V1 IsAnswered(hmr_birth_daughters) == true && IsAnswered(hmr_birth_sons) == true ? ((hmr_birth_daughters + hmr_birth_sons) == self) : true</p> <p>M1 Live birth total does not equal daughters and sons.</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pgh_live_births</p> <p>-----</p>
--	---

STATIC TEXT

E hmr_pgh_gave_birth == 1

How many sons and daughters have you given birth to?

<p>Daughters</p> <p>E hmr_pgh_gave_birth == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_birth_daughters</p> <p>-----</p>
---	---

<p>Sons</p> <p>E hmr_pgh_gave_birth == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_birth_sons</p> <p>-----</p>
--	--

<p>At times women give birth to children who cried, showed movement signs, sounded or showed effort to breathe or showed any other signs of life even for a very short time and later die. Have you ever given birth to a child who was born alive but later died?</p> <p>E hmr_pgh_gave_birth == 1</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_pgh_birth_died</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
---	--

STATIC TEXT

E hmr_pgh_birth_died == 1

How many girls and boys did you give birth to but later died?

<p>Daughters</p> <p>E hmr_pgh_birth_died == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_birth_died_girls</p> <p>-----</p>
---	--

<p>Sons</p> <p>E hmr_pgh_birth_died == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_birth_died_boys</p> <p>-----</p>
--	---

<p>Women sometimes have pregnancies that do not result in a live born child. A pregnancy can end very early, in a miscarriage or an abortion or the child can be born dead (stillbirth). Have you ever had a pregnancy that ended in a miscarriage, abortion or a child that was born dead (stillbirth)?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_pgh_still_births</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--	--

STATIC TEXT

E hmr_pgh_still_births == 1

How many of your pregnancies ended in a miscarriages, abortions or stillbirths?

<p>Miscarriages</p> <p>E hmr_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pgh_miscarriage</p> <p>-----</p>
--	---

<p>Abortions</p> <p>E hmr_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pgh_abortion</p> <p>-----</p>
---	--

<p>Stillbirths</p> <p>E hmr_pgh_still_births == 1</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pgh_still</p> <p>-----</p>
---	---

VARIABLE (hmr_birth_daughters ?? 0) + (hmr_birth_sons ?? 0) + (hmr_birth_died_girls ?? 0) + (hmr_birth_died_boys ?? 0) + (hmr_pgh_miscarriage ?? 0) + (hmr_pgh_abortion ?? 0) + (hmr_pgh_still ?? 0)	LONG	var_hmr_pgh_total_births
---	------	--------------------------

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS / PREGNANCY HISTORY

Roster: BIRTHS

generated by fixed list

reg_pregnancies_roster

- 01 Birth 1
- 02 Birth 2
- 03 Birth 3
- 04 Birth 4
- 05 Birth 5
- 06 Birth 6
- 07 Birth 7
- 08 Birth 8
- 09 Birth 9
- 10 Birth 10

E @rowcode <= var_hmr_pgh_total_births

Did you give a name to your first born [%rostertitle%] baby?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes 02 <input type="radio"/> No	hmr_pgh_given_name
What was the name given to that child? E hmr_pgh_given_name == 1	TEXT	hmr_pgh_name
VARIABLE hmr_pgh_given_name == 1 ? hmr_pgh_name : ("Birth " + @rowcode.ToString())	STRING	var_hmr_birth_name
On what date was %rostertitle% born? (ÜÜ) V1 \$validate_date M1 Invalid date format. V2 \$validate_century M2 Invalid century date format. V3 \$validate_year M3 Invalid year date format. V4 \$validate_month M4 Invalid month date format. V5 \$validate_day M5 Invalid day date format.	TEXT	hmr_pgh_date
Was the baby born alive, born dead, or did the pregnancy end in a miscarriage or abortion?	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Born Alive 02 <input type="radio"/> Born Dead 03 <input type="radio"/> Miscarriage/ Abortion	hmr_pgh_alive_dead
Did the baby cry, move or breathe when it was born? E hmr_pgh_alive_dead == 2	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Yes 02 <input type="radio"/> No	hmr_pgh_cry_move
Was it spontaneous or induced? E hmr_pgh_alive_dead == 3	SINGLE-SELECT: COMBO BOX 01 <input type="radio"/> Spontaneous 02 <input type="radio"/> Induced	hmr_pgh_spon_induced

<p>Is %rostartitle% a boy or a girl?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_gender</p> <p>01 <input type="radio"/> Boy</p> <p>02 <input type="radio"/> Girl</p> <p>03 <input type="radio"/> Don't know</p>
<p>Was that a single or multiple pregnancy?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_single_multiple</p> <p>01 <input type="radio"/> Single</p> <p>02 <input type="radio"/> Multiple</p>
<p>Is %rostartitle% still alive?</p> <p>E hmr_pgh_alive_dead == 1 hmr_pgh_alive_dead == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_still_alive</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p>
<p>Is this child a registered member of this household?</p> <p>E hmr_pgh_alive_dead != 3 && hmr_pgh_cry_move != 2 && hmr_pgh_still_alive == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_registered_member</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>DSID or TempId</p> <p>E hmr_pgh_registered_member == 1</p>	<p>SINGLE-SELECT: LINKED hmr_pgh_dsid</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST</p>
<p>How old was %rostartitle% at his/her last birthday?</p> <p>E hmr_pgh_still_alive == 1</p> <p>V1 self < 99</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_pgh_age</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97 NAD - Not Applicable</p> <p>98 DKN - Don't Know</p>
<p>How old was %rostartitle% when he/she died?</p> <p>E (hmr_pgh_alive_dead == 1 hmr_pgh_alive_dead == 2) && hmr_pgh_still_alive == 2</p> <p>V1 self < 99</p> <p>M1 Invalid age.</p>	<p>NUMERIC: INTEGER hmr_pgh_age_dead</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97 NAD - Not Applicable</p> <p>98 DKN - Don't Know</p>
<p>If less than 2 months, record days If less than 2 years, record months</p> <p>E hmr_pgh_still_alive == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_age_dead_unit</p> <p>01 <input type="radio"/> Days</p> <p>02 <input type="radio"/> Months</p> <p>03 <input type="radio"/> Years</p>
<p>How many weeks or months did the pregnancy last?</p>	<p>NUMERIC: INTEGER hmr_pgh_duration</p> <p>-----</p>
<p>Was the pregnancy duration in Weeks or Months?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pgh_duration_unit</p> <p>01 <input type="radio"/> Weeks</p> <p>02 <input type="radio"/> Months</p>
<p>Has %rostartitle% had a pregnancy that ended between (Ind) last visit and %var_bs_current_visit_string% or in the last 12 months?</p> <p>E hmr_new_female_member == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pregnancy_end</p> <p>01 <input type="radio"/> No</p> <p>02 <input type="radio"/> Continuing</p> <p>03 <input type="radio"/> Delivery</p> <p>04 <input type="radio"/> Miscarriage</p> <p>05 <input type="radio"/> Abortion</p>

PREGNANCY OUTCOME

E hmr_pregnancy_end > 2 && hmr_pregnancy_end < 6

<p>How many PON forms would you like to capture for %rostertitle%?</p> <p>V1 hmr_pon_roster_count <= 5</p> <p>M1 Maxumum limit is 5.</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pon_roster_count</p> <p>-----</p>
---	--

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME

Roster: PON ROSTER

generated by fixed list

hmr_pon_roster

01 PON 1

02 PON 2

03 PON 3

04 PON 4

05 PON 5

E @rowcode <= hmr_pon_roster_count

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME / PON ROSTER

%ROSTERTITLE%

E @rowcode <= hmr_pon_roster_count

<p>What was the date of birth or pregnancy end? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT</p> <p>hmr_pon_dob</p> <p>-----</p>
<p>How long did %rostertitle%'s pregnancy last?</p>	<p>NUMERIC: INTEGER</p> <p>hmr_pon_duration</p> <p>-----</p>
<p>Was the pregnancy duration in Weeks or Months?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_pon_duration_unit</p> <p>01 <input type="radio"/> Weeks</p> <p>02 <input type="radio"/> Months</p>
<p>Did the pregnancy end in a live birth?</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_pon_live_birth</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>At times women give birth to children who cried, showed movement signs, sounded or showed effort to breathe or showed any other signs of life even for a very short time and later die. Did the pregnancy result in a child who was born alive but later died?</p> <p>E hmr_pon_live_birth > 1 && hmr_pon_live_birth < 4</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hmr_pon_cry_move</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>

<p>Did the pregnancy last 28 weeks (7 months) or more?</p> <p>E hmr_pon_cry_move > 1 && hmr_pon_cry_move < 4</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_last_28_wks</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>Did the pregnancy end in a miscarriage or induced abortion?</p> <p>E hmr_pon_last_28_wks > 1 && hmr_pon_last_28_wks < 4</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_end_abortion</p> <p>01 <input type="radio"/> Miscarriage</p> <p>02 <input type="radio"/> Induced abortion</p> <p>03 <input type="radio"/> Don't know</p>
<p>What type of delivery was it?</p> <p>E hmr_pon_live_birth == 1 hmr_pon_cry_move == 1 hmr_pon_last_28_wks == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_delivery_type</p> <p>01 <input type="radio"/> Normal vaginal</p> <p>02 <input type="radio"/> Caesarean</p> <p>03 <input type="radio"/> Assisted (i.e. used forceps/vacuum to pull out baby)</p>
<p>Was this a single or multiple pregnancy?</p> <p>E hmr_pon_live_birth == 1 hmr_pon_cry_move == 1 hmr_pon_last_28_wks == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_single_multi</p> <p>01 <input type="radio"/> Single</p> <p>02 <input type="radio"/> Multiple</p>
<p>Record how many children were delivered</p> <p>E hmr_pon_single_multi == 2</p> <p>V1 self > 1</p> <p>M1 You indicated this was a multiple pregnancy but you only listed one or fewer pregnancies.</p>	<p>NUMERIC: INTEGER hhr_pon_multi_count</p> <p>-----</p>
<p>Was a birth certificate observed?</p> <p>E hmr_pon_delivery_type > 0</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_birth_certificate</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date was birth registered?</p> <p>E hmr_pon_birth_certificate == 1</p>	<p>DATE hmr_pon_birth_date</p> <p>.....</p>
<p>VARIABLE</p> <p>hmr_pon_single_multi == 1 ? 1 : (hhr_pon_multi_count ?? 0)</p>	<p>LONG var_hmr_births_total</p>

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME / PON ROSTER / %ROSTERTITLE%

Roster: BIRTHS

generated by fixed list

reg_births_roster

01 Birth 1

02 Birth 2

03 Birth 3

04 Birth 4

05 Birth 5

E @rowcode <= var_hmr_births_total

<p>Was %rostertitle% born alive or dead?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_born_alive</p> <p>01 <input type="radio"/> Born Alive</p> <p>02 <input type="radio"/> Born Dead</p>
<p>What is the child's name (Firstname Secondname, Surname)? If child was not named call him/her "Not named"</p>	<p>TEXT hmr_pon_child_name</p> <p>.....</p>

<p>Is %rostertitle% still alive?</p> <p>E hmr_pon_born_alive == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_still_alive</p> <p>01 <input type="radio"/> Alive</p> <p>02 <input type="radio"/> Dead</p>
---	---

REGISTER NEW HOUSEHOLDS / NEW HOUSEHOLDS / MEMBERS / PREGNANCY OUTCOME / PON ROSTER / %ROSTERTITLE% / BIRTHS
DEATH

E hmr_pon_still_alive == 2

<p>Date of Death? (ÜÜ)</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_pon_dod</p> <p>.....</p>
---	---

<p>Was a death certificate seen?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_dtn_death_certificate</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--------------------------------------	---

STATIC TEXT

Where did name die?

<p>Setting</p> <p>I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_dtn_setting</p> <p>07 <input type="radio"/> ACC - Africa Centre Counselling Centre</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>08 <input type="radio"/> FCL - Fixed Clinic (not further specified)</p> <p>09 <input type="radio"/> GFC - Governmental (public) Fixed Clinic</p> <p>10 <input type="radio"/> GHP - Governmental (public) Hospital</p> <p>11 <input type="radio"/> GPS - Governmental (public) Primary School</p> <p>12 <input type="radio"/> GSS - Governmental (public) Secondary School</p> <p>14 <input type="radio"/> HOP - Hospital (not further specified)</p> <p>15 <input type="radio"/> MCL - Mobile Clinic</p> <p>04 <input type="radio"/> NAD - _non applicable</p> <p>16 <input type="radio"/> OEF - Other Educational Facility</p> <p>18 <input type="radio"/> OHM - Own Home</p> <p>17 <input type="radio"/> OHS - Other Homestead</p> <p>05 <input type="radio"/> OTH - _other</p> <p>20 <input type="radio"/> PCL - Private Clinic</p> <p>21 <input type="radio"/> PHP - Private Hospital</p> <p>And 8 other symbols [59]</p>
--	--

Care Provider

I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hmr_pon_dtn_care_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[60\]](#)

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

SINGLE-SELECT: COMBO BOX

hmr_pon_dtn_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[61\]](#)

<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_dtn_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [62]</p>
<p>Other BSID</p> <p>E hmr_pon_dtn_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hmr_pon_dtn_bsid_other</p> <p>-----</p>
<p>Is the place in a rural or urban area?</p> <p>E (hmr_pon_dtn_bsid == 99997 hmr_pon_dtn_bsid == 99998) && !(hmr_pon_dtn_setting == 18 && hmr_pon_dtn_location = 9)</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_dtn_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>
<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hmr_pon_dtn_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hmr_pon_dtn_place_urban == 2</p>	<p>TEXT hmr_pon_dtn_place_specify</p> <p>-----</p>
<p>Description of the place of death</p> <p>E (hmr_pon_dtn_bsid == 99997 hmr_pon_dtn_bsid == 99998) && !(hmr_pon_dtn_setting == 18 && hmr_pon_dtn_location = 9)</p>	<p>TEXT hmr_pon_dtn_place_desc</p> <p>-----</p>
<p>VARIABLE</p> <p>7</p>	<p>LONG var_reg_pon_maternal_death_res</p>
<p>%rostertitle%'s Temp ID</p> <p>E hmr_pon_born_alive == 1</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	<p>TEXT hmr_pon_temp_id</p> <p>-----</p>

STATIC TEXT

Where did [NAME] deliver?

<p>Setting</p> <p>I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_setting</p> <ul style="list-style-type: none">07 <input type="radio"/> ACC - Africa Centre Counselling Centre02 <input type="radio"/> DKN - _don't know08 <input type="radio"/> FCL - Fixed Clinic (not further specified)09 <input type="radio"/> GFC - Governmental (public) Fixed Clinic10 <input type="radio"/> GHP - Governmental (public) Hospital11 <input type="radio"/> GPS - Governmental (public) Primary School12 <input type="radio"/> GSS - Governmental (public) Secondary School14 <input type="radio"/> HOP - Hospital (not further specified)15 <input type="radio"/> MCL - Mobile Clinic04 <input type="radio"/> NAD - _non applicable16 <input type="radio"/> OEF - Other Educational Facility18 <input type="radio"/> OHM - Own Home17 <input type="radio"/> OHS - Other Homestead05 <input type="radio"/> OTH - _other20 <input type="radio"/> PCL - Private Clinic21 <input type="radio"/> PHP - Private Hospital <p>And 8 other symbols [51]</p>
<p>Care Provider</p> <p>I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_care_provider</p> <ul style="list-style-type: none">10 <input type="radio"/> CHW - Community Health Worker11 <input type="radio"/> COU - Counsellor03 <input type="radio"/> DKN - _don't know12 <input type="radio"/> FAM - Family Member13 <input type="radio"/> GPR - General Practitioner14 <input type="radio"/> MDT - Medical Doctor15 <input type="radio"/> MED - Medical Professional05 <input type="radio"/> NAD - _non applicable16 <input type="radio"/> NBR - Neighbour06 <input type="radio"/> NON - _none17 <input type="radio"/> NRS - Nurse / Midwife18 <input type="radio"/> OHP - Other Health Professional07 <input type="radio"/> OTH - _other09 <input type="radio"/> RFS - _refused19 <input type="radio"/> SLF - Self20 <input type="radio"/> SMD - Specialised Medical Doctor <p>And 1 other symbols [52]</p>

<p>Location</p> <p>I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_location</p> <p>48 <input type="radio"/> AFR - Sub-Saharan Africa (elsewhere)</p> <p>08 <input type="radio"/> BOT - Botswana</p> <p>11 <input type="radio"/> DBN - Durban Health Region</p> <p>10 <input type="radio"/> DKD - Dukuduku Forest</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> DSA - Demographic Surveillance Area</p> <p>12 <input type="radio"/> ECP - Eastern Cape</p> <p>13 <input type="radio"/> ELS - Elsewhere</p> <p>14 <input type="radio"/> EMP - Empangeni Area</p> <p>15 <input type="radio"/> ENH - Eshowe / Nkandla Health District</p> <p>16 <input type="radio"/> FRG - Foreign Country</p> <p>17 <input type="radio"/> FST - Free State</p> <p>18 <input type="radio"/> GAU - Gauteng</p> <p>20 <input type="radio"/> HLD - Hlabisa District(outside MTA)</p> <p>19 <input type="radio"/> HLE - Hlabisa District (elsewhere)</p> <p>22 <input type="radio"/> HLH - Hluhluwe</p> <p>And 33 other symbols [53]</p>
<p>BSID</p> <p>I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_bsid</p> <p>71018 <input type="radio"/> Addington Hospital</p> <p>71002 <input type="radio"/> Bay Hospital Richards Bay</p> <p>71033 <input type="radio"/> Benedictine Hospital</p> <p>71009 <input type="radio"/> Bethesda Hospital</p> <p>71011 <input type="radio"/> Catherine Booth Hospital</p> <p>71019 <input type="radio"/> Clairwood Hospital</p> <p>71028 <input type="radio"/> Edendale Hospital</p> <p>71015 <input type="radio"/> Ekombe Hospital</p> <p>71014 <input type="radio"/> Ekuphumuleni Hospital</p> <p>71003 <input type="radio"/> Empangeni Garden Clinic</p> <p>71012 <input type="radio"/> Eshowe Hospital</p> <p>70174 <input type="radio"/> Esiyembeni Clinic</p> <p>71032 <input type="radio"/> G.J. Crookes Hospital</p> <p>71029 <input type="radio"/> Grey's Hospital</p> <p>70175 <input type="radio"/> Gunjaneni Clinic</p> <p>70000 <input type="radio"/> Hlabisa Hospital</p> <p>And 35 other symbols [54]</p>
<p>Other BSID</p> <p>E hmr_pon_bsid == 99999</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER hmr_pon_bsid_other</p> <p>-----</p>
<p>Is the place in a rural or urban area?</p> <p>E (hmr_pon_bsid == 99997 hmr_pon_bsid == 99998) && hmr_pon_setting != 18</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_place_urban</p> <p>01 <input type="radio"/> N - No, Rural</p> <p>02 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> Y - Yes, Urban</p>

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hmr_pon_place_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hmr_pon_place_urban == 2</p>	<p>TEXT hmr_pon_place_specify</p> <p>.....</p>
<p>What was the name of the place?</p> <p>E hmr_pon_bsid == 99997 hmr_pon_bsid == 99998</p>	<p>TEXT hmr_pon_place_desc</p> <p>.....</p>
<p>Has %roster% attended an antenatal clinic for this pregnancy?</p>	<p>SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_clinic</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>On what date did %roster% make her first antenatal care visit? (UU)</p> <p>E hmr_pon_antenatal_clinic == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_pon_antenatal_visit</p> <p>.....</p>
<p>How many antenatal care visits did %roster% make during this pregnancy?</p> <p>E hmr_pon_antenatal_clinic == 1</p>	<p>NUMERIC: INTEGER hmr_pon_antenatal_visit_cnt</p> <p>-----</p>

Setting

- I If the Setting is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_setting

- 07 ACC - Africa Centre Counselling Centre
- 02 DKN - _don't know
- 08 FCL - Fixed Clinic (not further specified)
- 09 GFC - Governmental (public) Fixed Clinic
- 10 GHP - Governmental (public) Hospital
- 11 GPS - Governmental (public) Primary School
- 12 GSS - Governmental (public) Secondary School
- 14 HOP - Hospital (not further specified)
- 15 MCL - Mobile Clinic
- 04 NAD - _non applicable
- 16 OEF - Other Educational Facility
- 18 OHM - Own Home
- 17 OHS - Other Homestead
- 05 OTH - _other
- 20 PCL - Private Clinic
- 21 PHP - Private Hospital

[And 8 other symbols \[55\]](#)

Care Provider

- I If the 'care provider' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_provider

- 10 CHW - Community Health Worker
- 11 COU - Counsellor
- 03 DKN - _don't know
- 12 FAM - Family Member
- 13 GPR - General Practitioner
- 14 MDT - Medical Doctor
- 15 MED - Medical Professional
- 05 NAD - _non applicable
- 16 NBR - Neighbour
- 06 NON - _none
- 17 NRS - Nurse / Midwife
- 18 OHP - Other Health Professional
- 07 OTH - _other
- 09 RFS - _refused
- 19 SLF - Self
- 20 SMD - Specialised Medical Doctor

[And 1 other symbols \[56\]](#)

Location

I If the Location is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_location

- 48 AFR - Sub-Saharan Africa (elsewhere)
- 08 BOT - Botswana
- 11 DBN - Durban Health Region
- 10 DKD - Dukuduku Forest
- 03 DKN - _don't know
- 09 DSA - Demographic Surveillance Area
- 12 ECP - Eastern Cape
- 13 ELS - Elsewhere
- 14 EMP - Empangeni Area
- 15 ENH - Eshowe / Nkandla Health District
- 16 FRG - Foreign Country
- 17 FST - Free State
- 18 GAU - Gauteng
- 20 HLD - Hlabisa District(outside MTA)
- 19 HLE - Hlabisa District (elsewhere)
- 22 HLH - Hluhluwe

[And 33 other symbols \[57\]](#)

BSID

I If the BSID is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_pon_antenatal_clinic == 1

SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_bsid

- 71018 Addington Hospital
- 71002 Bay Hospital Richards Bay
- 71033 Benedictine Hospital
- 71009 Bethesda Hospital
- 71011 Catherine Booth Hospital
- 71019 Clairwood Hospital
- 71028 Edendale Hospital
- 71015 Ekombe Hospital
- 71014 Ekuphumuleni Hospital
- 71003 Empangeni Garden Clinic
- 71012 Eshowe Hospital
- 70174 Esiyembeni Clinic
- 71032 G.J. Crookes Hospital
- 71029 Grey's Hospital
- 70175 Gunjaneni Clinic
- 70000 Hlabisa Hospital

[And 35 other symbols \[58\]](#)

Other BSID

E hmr_pon_antenatal_bsid == 99999
V1 self > 9999 && self < 99999
M1 Invalid BSID entered.

NUMERIC: INTEGER hmr_pon_ant_bsid_other

Is the place in a rural or urban area?

E hmr_pon_antenatal_bsid == 99997 || hmr_pon_antenatal_bsid == 99998

SINGLE-SELECT: COMBO BOX hmr_pon_antenatal_urban

- 01 N - No, Rural
- 02 U - _Unknown
- 04 Y - Yes, Urban

<p>Is the place formal or informal?</p>	<p>SINGLE-SELECT: CASCADING hmr_pon_antenatal_formal</p> <p>07 <input type="radio"/> Y - Yes, Formal</p> <p>02 <input type="radio"/> N - No, not formal</p> <p>05 <input type="radio"/> U - _Unknown</p> <p>04 <input type="radio"/> T - Tribal Area</p> <p>01 <input type="radio"/> C - Commercial Farm</p> <p>03 <input type="radio"/> O - Other (??)</p> <p>08 <input type="radio"/> U - _Unknown</p>
<p>Specify area type</p> <p>E hmr_pon_antenatal_urban == 2</p>	<p>TEXT hmr_pon_antenatal_specify</p> <p>.....</p>
<p>What was the name of the place?</p> <p>E hmr_pon_antenatal_bsid == 99997 hmr_pon_antenatal_bsid == 99998</p>	<p>TEXT hmr_pon_antenatal_desc</p> <p>.....</p>
<p>Is/was %rostartitle%'s husband or regular partner a member of this household on %var_bs_current_visit_string%?</p> <p>E var_reg_mem_age >= 12 && hmr_gender == 2</p>	<p>SINGLE-SELECT: COMBO BOX hmr_new_crr</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date did the conjugal relationship start? (ÜÜ)</p> <p>E hmr_new_crr == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_new_crr_date</p> <p>.....</p>
<p>Partner DSID/TempID</p> <p>E hmr_new_crr == 1</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST hmr_partner_dsid</p>
<p>Partner name (Surname, First name)</p> <p>E hmr_new_crr == 1 && hmr_partner_dsid == null</p>	<p>TEXT hmr_partner_name</p> <p>.....</p>
<p>Is %rostartitle% married to her new partner?</p> <p>E hmr_new_crr == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_married_partner</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>On which date did you marry? (ÜÜ)</p> <p>E hmr_married_partner == 1</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hmr_married_date</p> <p>.....</p>

<p>Does her husband have any other wives?</p> <p>E hmr_married_partner == 1</p>	<p>SINGLE-SELECT: COMBO BOX hmr_partner_other_wives</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Is %rostartitle% currently doing anything to earn money [i.e. in employment]?</p> <p>E var_reg_mem_age >= 18</p>	<p>SINGLE-SELECT: COMBO BOX hmr_in_employment</p> <p>02 <input type="radio"/> DKN - _Don't know</p> <p>04 <input type="radio"/> NIE - No, not in employment</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> YFT - Yes, Full-time</p> <p>07 <input type="radio"/> YPT - Yes, Part-time</p>
<p>[IF in employment] is %rostartitle% self-employed or an employee?</p> <p>E hmr_in_employment == 6 hmr_in_employment == 7</p>	<p>SINGLE-SELECT: COMBO BOX hmr_self_employed</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> RFS - _refused</p> <p>10 <input type="radio"/> WEE - Works as employee</p> <p>11 <input type="radio"/> WFS - Work for themselves</p>
<p>[IF NOT employed] why is %rostartitle% not working?</p> <p>I Mark all that apply</p> <p>E var_reg_mem_age >= 18 && hmr_in_employment != 6 && hmr_in_employment != 7</p>	<p>MULTI-SELECT hmr_time_spent</p> <p>01 <input type="checkbox"/> Awaiting the season for work</p> <p>02 <input type="checkbox"/> Caring for other children</p> <p>03 <input type="checkbox"/> Looking for work</p> <p>04 <input type="checkbox"/> Studying</p> <p>05 <input type="checkbox"/> Health reasons</p> <p>06 <input type="checkbox"/> Disabled or unable to work (handicapped)</p> <p>07 <input type="checkbox"/> Pregnant, or caring for own children</p> <p>08 <input type="checkbox"/> Retired</p> <p>09 <input type="checkbox"/> Nothing (not looking)</p> <p>10 <input type="checkbox"/> Other</p> <p>11 <input type="checkbox"/> Caring for sick/injured</p> <p>12 <input type="checkbox"/> Retrenched</p> <p>13 <input type="checkbox"/> Don't know</p> <p>14 <input type="checkbox"/> Refused</p>
<p>Who is the employer of %rostartitle%?</p> <p>E hmr_self_employed == 10</p>	<p>SINGLE-SELECT: COMBO BOX hmr_current_employer</p> <p>01 <input type="radio"/> CGV - Central government</p> <p>04 <input type="radio"/> LRA - Local / regional authority</p> <p>06 <input type="radio"/> NGO - Non-profit institution</p> <p>15 <input type="radio"/> PGV - Provincial government</p> <p>09 <input type="radio"/> PRV - Private sector employer</p> <p>10 <input type="radio"/> PUB - Public corporation</p>

In which sector does %rostertitle% work?

I If the Sector is not displayed, then start typing the first characters to filter the lookup list and then select from the list.
E hmr_self_employed == 10 || hmr_self_employed == 11

- SINGLE-SELECT: COMBO BOX hmr_current_employment_sector
- 01 AGF - Agriculture/Fishing/Forestry
 - 02 ARM - Armed forces
 - 03 CON - Construction
 - 06 DOM - Domestic services
 - 07 EDC - Educational services
 - 08 ELW - Electricity and water
 - 09 FIN - Finance
 - 10 HOT - Restaurant/Hotels/Sport
 - 23 HSV - Health services
 - 24 INF - Informal sector
 - 11 LEG - Legal services
 - 12 MAN - Manufacturing
 - 14 MIN - Mining
 - 19 RES - Research
 - 20 RET - Wholesales and retail
 - 22 TRC - Transport and communication

STATIC TEXT

E var_reg_mem_age < 18

Who is responsible for caring for %rostertitle% on a day-to-day basis?

STATIC TEXT

E var_reg_mem_age < 10

E.g. Who is responsible for making sure %rostertitle% is fed?

STATIC TEXT

E var_reg_mem_age > 9 && var_reg_mem_age < 18

E.g. Who tries to ensure %rostertitle% has shoes?

Is the responsible person a member of this household?

E var_reg_mem_age < 18

- SINGLE-SELECT: COMBO BOX hmr_responsible_care_person
- 01 Yes
 - 02 No

DSID

E var_reg_mem_age < 18 && hmr_responsible_care_person == 1

SINGLE-SELECT: LINKED
SOURCE OF CATEGORIES: TEXT LIST QUESTION [HHR MEMBERS LIST](#)
hmr_responsible_dsid

<p>Relationship to the child?</p> <p>I If the Relationship is not displayed, then start typing the first character s to filter the lookup list and then select from the list.</p> <p>E var_reg_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hmr_responsible_relationship</p> <p>01 <input type="radio"/> CGB - Brother</p> <p>03 <input type="radio"/> CGF - Father</p> <p>12 <input type="radio"/> CGM - Mother</p> <p>18 <input type="radio"/> CGS - Sister</p> <p>02 <input type="radio"/> DOM - Domestic Worker</p> <p>04 <input type="radio"/> FMR - Female maternal relative</p> <p>05 <input type="radio"/> FPR - Female paternal relative</p> <p>08 <input type="radio"/> MAU - Maternal aunt</p> <p>09 <input type="radio"/> MGF - Maternal grandfather</p> <p>10 <input type="radio"/> MGM - Maternal grandmother</p> <p>06 <input type="radio"/> MMR - Male maternal relative</p> <p>07 <input type="radio"/> MPR - Male paternal relative</p> <p>11 <input type="radio"/> MUN - Maternal uncle</p> <p>97 <input type="radio"/> NAD - _not_applicable</p> <p>96 <input type="radio"/> OTH - Other</p> <p>13 <input type="radio"/> PAU - Paternal aunt</p> <p>And 5 other symbols [39]</p>
<p>Other</p> <p>E hmr_responsible_relationship == 96</p>	<p>TEXT hmr_responsible_rel_other</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E var_reg_mem_age < 18</p> <p><i>Whose responsibility is it to pay for the school fees and uniform?</i></p>	
<p>Is the responsible person a member of this household?</p> <p>E var_reg_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hmr_responsible_fees_person</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>DSID</p> <p>E var_reg_mem_age < 18 && hmr_responsible_fees_person == 1</p>	<p>SINGLE-SELECT: LINKED</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION HHR MEMBERS LIST</p> <p style="text-align: right;">hmr_responsible_fees_dsid</p>
<p>Relationship to the child?</p> <p>I If the Relationship is not displayed, then start typing the first character s to filter the lookup list and then select from the list.</p> <p>E var_reg_mem_age < 18</p>	<p>SINGLE-SELECT: COMBO BOX hmr_responsible_fees_rel</p> <p>01 <input type="radio"/> CGB - Brother</p> <p>03 <input type="radio"/> CGF - Father</p> <p>12 <input type="radio"/> CGM - Mother</p> <p>18 <input type="radio"/> CGS - Sister</p> <p>02 <input type="radio"/> DOM - Domestic Worker</p> <p>04 <input type="radio"/> FMR - Female maternal relative</p> <p>05 <input type="radio"/> FPR - Female paternal relative</p> <p>08 <input type="radio"/> MAU - Maternal aunt</p> <p>09 <input type="radio"/> MGF - Maternal grandfather</p> <p>10 <input type="radio"/> MGM - Maternal grandmother</p> <p>06 <input type="radio"/> MMR - Male maternal relative</p> <p>07 <input type="radio"/> MPR - Male paternal relative</p> <p>11 <input type="radio"/> MUN - Maternal uncle</p> <p>97 <input type="radio"/> NAD - _not_applicable</p> <p>96 <input type="radio"/> OTH - Other</p> <p>13 <input type="radio"/> PAU - Paternal aunt</p> <p>And 5 other symbols [40]</p>

Other

TEXT

hmr_responsible_fees_rel_oth

E hmr_responsible_fees_rel == 96

.....

HOUSEHOLD SOCIO-ECONOMIC

E bs_refusal == 1

Household List	LIST SCOPE: HIDDEN	hse_household_list
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HOUSEHOLD SOCIO-ECONOMIC

Roster: HOUSEHOLDS

generated by list question [hse_household_list](#)

hse_household_roster

E household_roster.Any(x => x.hhu_refusal == 1 && x.@rowcode == @rowcode)

Document ID	NUMERIC: INTEGER SCOPE: HIDDEN	hse_document_id
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HH IntID	NUMERIC: INTEGER SCOPE: HIDDEN	hse_hh_intid
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STATIC TEXT

(ÜÜ) - Allow estimated date ('UU') capturing

Informant DSID	TEXT	hse_informant_dsid
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V1 \$validate_dsid
M1 Invalid DSID / TempID

HOUSEHOLD SOCIO-ECONOMIC / HOUSEHOLDS

HOUSEHOLD INFORMATION

what is construction material of the walls?	TEXT SCOPE: HIDDEN	hse_wall_material
---	-----------------------	-------------------

<p>What is the main construction material used for the walls of the main dwelling? %hse_wall_material%</p> <p>I If the 'construction material' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p>hse_current_wall_material</p> <ul style="list-style-type: none"> 02 <input type="radio"/> BRK - Bricks 04 <input type="radio"/> CEB - Cement block / Concrete 05 <input type="radio"/> CIR - Corrugated iron / Zinc 23 <input type="radio"/> WOD - Wood 15 <input type="radio"/> PLS - Plastic 03 <input type="radio"/> CDB - Cardboard 09 <input type="radio"/> MCM - Mixture of mud and cement 22 <input type="radio"/> WAD - Wattle and daub 21 <input type="radio"/> TIL - Tile 11 <input type="radio"/> MUD - Mud 20 <input type="radio"/> THA - Thatching 01 <input type="radio"/> ASB - Asbestos 24 <input type="radio"/> MOD - Other Modern 13 <input type="radio"/> OTH - _other
--	--

<p>Specify other wall material.</p> <p>E hse_current_wall_material == 13</p>	<p>TEXT wall_material_specify</p> <p>.....</p>
<p>What is the main construction material used for the roof of the main dwelling?</p>	<p>TEXT SCOPE: HIDDEN hse_roof_material</p> <p>.....</p>
<p>What is the main construction material used for the roof of the main dwelling?</p> <p>%hse_roof_material%</p> <p>I If the 'construction material' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_roof_material</p> <p>02 <input type="radio"/> BRK - Bricks</p> <p>04 <input type="radio"/> CEB - Cement block / Concrete</p> <p>05 <input type="radio"/> CIR - Corrugated iron / Zinc</p> <p>23 <input type="radio"/> WOD - Wood</p> <p>15 <input type="radio"/> PLS - Plastic</p> <p>03 <input type="radio"/> CDB - Cardboard</p> <p>09 <input type="radio"/> MCM - Mixture of mud and cement</p> <p>22 <input type="radio"/> WAD - Wattle and daub</p> <p>21 <input type="radio"/> TIL - Tile</p> <p>11 <input type="radio"/> MUD - Mud</p> <p>20 <input type="radio"/> THA - Thatching</p> <p>01 <input type="radio"/> ASB - Asbestos</p> <p>24 <input type="radio"/> MOD - Other Modern</p> <p>13 <input type="radio"/> OTH - _other</p>
<p>Specify other roof material.</p> <p>E hse_current_roof_material == 13</p>	<p>TEXT roof_material_specify</p> <p>.....</p>
<p>What is the construction material of the floor?</p>	<p>TEXT SCOPE: HIDDEN hse_floor_material</p> <p>.....</p>
<p>What is the main construction material used for the floor of the main dwelling?</p> <p>%hse_floor_material%</p> <p>I If the 'construction material' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_floor_material</p> <p>29 <input type="radio"/> DRT - Dirt</p> <p>32 <input type="radio"/> DNG - Dung</p> <p>23 <input type="radio"/> WOD - Wood</p> <p>33 <input type="radio"/> PRQ - Parquet/ polished wood</p> <p>34 <input type="radio"/> VNL - Vinyl or asphalt strips</p> <p>21 <input type="radio"/> TIL - Tile</p> <p>04 <input type="radio"/> CEB - Cement block / Concrete</p> <p>30 <input type="radio"/> MAT - Mat</p> <p>28 <input type="radio"/> MOC - Modern Carpet</p> <p>24 <input type="radio"/> MOD - Other Modern</p> <p>31 <input type="radio"/> OTR - Other Traditional</p> <p>13 <input type="radio"/> OTH - _other</p>
<p>Specify other floor material.</p> <p>E hse_current_floor_material == 13</p>	<p>TEXT floor_material_specify</p> <p>.....</p>
<p>How many bedrooms belong to your household at this bounded structure?</p>	<p>TEXT SCOPE: HIDDEN hse_bedrooms</p> <p>.....</p>
<p>How many rooms do members of this household usually use for sleeping at this dwelling? %hse_bedrooms%</p>	<p>NUMERIC: INTEGER hse_current_bedrooms</p> <p>-----</p>

<p>What is the most often used source of drinking water in the household?</p>	<p>TEXT SCOPE: HIDDEN hse_drinking_water</p> <p>.....</p>
<p>During the last 12 months, what was the household's main source of drinking water? %hse_drinking_water%</p> <p>I If the 'water source' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_drinking_water</p> <p>01 <input type="radio"/> BHO - Borehole</p> <p>02 <input type="radio"/> CAR - Water carrier or tanker</p> <p>05 <input type="radio"/> DKN - _don't know</p> <p>06 <input type="radio"/> FLR - Flowing river/stream</p> <p>10 <input type="radio"/> OTH - _other</p> <p>11 <input type="radio"/> PIN - Piped-Internal</p> <p>12 <input type="radio"/> PPF - Piped-public tap/kiosk(free)</p> <p>13 <input type="radio"/> PPP - Piped-public tap/kiosk(paid)</p> <p>14 <input type="radio"/> PYA - Piped-yard tap</p> <p>16 <input type="radio"/> RFS - _refused</p> <p>17 <input type="radio"/> RWT - Rainwater</p> <p>18 <input type="radio"/> SPR - Protected spring</p> <p>19 <input type="radio"/> STG - Dam/stagnant water</p> <p>20 <input type="radio"/> WEL - Well/non-borehole</p> <p>21 <input type="radio"/> NBR - Neighbour's tap</p> <p>22 <input type="radio"/> BOY - Borehole outside yard</p>
<p>Specify other water source.</p> <p>E hse_current_drinking_water == 10</p>	<p>TEXT water_source_specify</p> <p>.....</p>
<p>How far is the water source from the dwelling or yard (200m is equal to the length of two football/soccer fields)?</p>	<p>TEXT SCOPE: HIDDEN hse_water_distance</p> <p>.....</p>
<p>How far is the water source from the dwelling or yard (200m is equal to the length of two football/soccer fields)? %hse_water_distance%</p> <p>E hse_current_drinking_water != 1 && hse_current_drinking_water != 11 && hse_current_drinking_water != 14 && hse_current_drinking_water != 17</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_water_distance</p> <p>01 <input type="radio"/> Less than 200 metres</p> <p>02 <input type="radio"/> 201-500 metres</p> <p>03 <input type="radio"/> 502 metres- 1kilometre</p> <p>04 <input type="radio"/> More than 1 kilometre</p> <p>05 <input type="radio"/> Don't know</p>
<p>What kind of toilet does the household use?</p>	<p>TEXT SCOPE: HIDDEN hse_type_of_toilet</p> <p>.....</p>

What type of toilet facility is used by this household? %hse_type_of_toilet%

I If the 'toilet facility' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.

- SINGLE-SELECT: COMBO BOX hse_current_type_of_toilet
- 15 FTP - Flush toilet connected to a public sewerage system
 - 16 FTS - Flush toilet connected to a septic or conservancy tank
 - 17 PFS - Pour flush toilet connected to a septic tank (or septage pit)
 - 02 CHT - Chemical toilet
 - 14 VIP - Ventilation Improved Pit
 - 10 OPL - Other pit latrine
 - 01 BKT - Bucket toilet
 - 18 ESS - Ecological sanitation systems (e.g. urine diversion)
 - 19 ODF - Open defecation (e.g. no facilities, field, bush)
 - 06 FLT - Flush toilet
 - 09 NON - _none
 - 05 DKN - _don't know
 - 13 RFS - _refused
 - 11 OTH - _other

Specify other toilet type.

E hse_current_type_of_toilet == 11

TEXT toilet_type_specify

.....

Is the household connected to an electricity supply?

TEXT SCOPE: HIDDEN hse_electricity_supply

.....

Does this household presently have connection to electricity supply? %hse_electricity_supply%

- SINGLE-SELECT: COMBO BOX hse_current_electricity_supply
- 01 Yes, interconnected grid electricity
 - 02 Yes, off grid (generator, solar, other electricity sources)
 - 03 No
 - 04 Don't know
 - 05 Refused

What is the main fuel used for cooking?

TEXT SCOPE: HIDDEN hse_cooking_fuel

.....

What is the main source of fuel used for cooking by this household? %hse_cooking_fuel%

- SINGLE-SELECT: COMBO BOX hse_current_cooking_fuel
- 14 GRI - Electricity from grid
 - 25 SOL - Electricity from Solar energy
 - 11 GEN - Electricity from generator
 - 10 GAS - Gas (LPG)
 - 20 PAR - Paraffin
 - 27 WOO - Wood
 - 03 COA - Coal
 - 09 DNG - Dung
 - 18 NON - _none
 - 08 DKN - _don't know
 - 23 RFS - _refused
 - 19 OTH - _other

I If the 'fuel source' is not displayed, then start typing the first character to filter the lookup list and then select from the list.

<p>Specify other fuel used for cooking.</p> <p>E hse_current_cooking_fuel == 19</p>	<p>TEXT cooking_source_specify</p> <p>.....</p>
<p>What is the main source of fuel used for lighting by this household?</p>	<p>TEXT hse_lighting_source</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>What is the main source of fuel used for lighting by this household?</p> <p>%hse_lighting_source%</p> <p>I If the 'fuel source' is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_lighting_source</p> <p>14 <input type="radio"/> GRI - Electricity from grid</p> <p>25 <input type="radio"/> SOL - Electricity from Solar energy</p> <p>11 <input type="radio"/> GEN - Electricity from generator</p> <p>15 <input type="radio"/> LPG - Gas(LPG)</p> <p>20 <input type="radio"/> PAR - Paraffin</p> <p>02 <input type="radio"/> CDL - Candles</p> <p>18 <input type="radio"/> NON - _none</p> <p>08 <input type="radio"/> DKN - _don't know</p> <p>23 <input type="radio"/> RFS - _refused</p> <p>19 <input type="radio"/> OTH - _other</p>
<p>Specify other fuel used for lighting.</p> <p>E hse_current_lighting_source == 19</p>	<p>TEXT lighting_fuel_specify</p> <p>.....</p>
<p>Is the owner of this Bounded Structure a member of this household?</p>	<p>TEXT hse_owner_member</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Is the owner of this Bounded Structure a member of this household?</p> <p>%hse_owner_member%</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_owner_member</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p> <p>04 <input type="radio"/> Refused</p>
<p>Does the household have any of the following items in good working order?</p> <p>I PLEASE ANSWER EACH QUESTION</p>	<p>MULTI-SELECT: YES/NO hse_hh_items</p> <p>01 <input type="checkbox"/> / <input type="checkbox"/> Television</p> <p>02 <input type="checkbox"/> / <input type="checkbox"/> Swimming pool</p> <p>03 <input type="checkbox"/> / <input type="checkbox"/> Video recorder/DVD player</p> <p>04 <input type="checkbox"/> / <input type="checkbox"/> Pay TV (M-Net/DSTV/ Top TV) Subscription</p> <p>05 <input type="checkbox"/> / <input type="checkbox"/> Air conditioner (excluding fans)</p> <p>06 <input type="checkbox"/> / <input type="checkbox"/> Computer/Desktop/ laptop</p> <p>07 <input type="checkbox"/> / <input type="checkbox"/> Vacuum cleaner/ floor polisher</p> <p>08 <input type="checkbox"/> / <input type="checkbox"/> Dish washing machine</p> <p>09 <input type="checkbox"/> / <input type="checkbox"/> Tumble dryer</p> <p>10 <input type="checkbox"/> / <input type="checkbox"/> Fridge or freezer</p> <p>11 <input type="checkbox"/> / <input type="checkbox"/> Electric stove with oven</p> <p>12 <input type="checkbox"/> / <input type="checkbox"/> Microwave Oven</p> <p>13 <input type="checkbox"/> / <input type="checkbox"/> Kitchen sink</p> <p>14 <input type="checkbox"/> / <input type="checkbox"/> Home security service</p> <p>15 <input type="checkbox"/> / <input type="checkbox"/> Radio/stereo</p> <p>16 <input type="checkbox"/> / <input type="checkbox"/> Geyser (providing hot water)</p> <p>And 21 other symbols [63]</p>

<p>How does this household mainly access internet?</p>	<p>TEXT SCOPE: HIDDEN hse_internet_access</p> <p>-----</p>
<p>How does this household mainly access internet? %hse_internet_access%</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_internet</p> <p>01 <input type="radio"/> From a network at home</p> <p>02 <input type="radio"/> From household members' cellphone(s)</p> <p>03 <input type="radio"/> From a network at work</p> <p>04 <input type="radio"/> From elsewhere (e.g. internet café)</p> <p>05 <input type="radio"/> No access to internet</p>
<p>What kind of agricultural activity is the household involved in?</p> <p>I Mark all that apply</p> <p>V1 self.ContainsAny(1,2,3,4,5,6) ? !self.Contains(7) : true</p> <p>M1 Can't select None while you have selected other options as well.</p>	<p>MULTI-SELECT hse_agri_activity</p> <p>01 <input type="checkbox"/> Livestock production (cattle goats, sheep, pigs, etc)</p> <p>02 <input type="checkbox"/> Poultry production (chickens, ducks, geese, guinea fowl, ostrich, etc)</p> <p>03 <input type="checkbox"/> Vegetable production</p> <p>04 <input type="checkbox"/> Production of crops (grains, fruits, sugarcane, etc)</p> <p>05 <input type="checkbox"/> Fodder grazing /pasture/grass for animals</p> <p>06 <input type="checkbox"/> Other</p> <p>07 <input type="checkbox"/> None</p>
<p>Which livestock and how many?</p> <p>I Mark all that apply</p> <p>E hse_agri_activity.Contains(1)</p>	<p>MULTI-SELECT hse_livestock</p> <p>01 <input type="checkbox"/> Cattle</p> <p>02 <input type="checkbox"/> Sheep</p> <p>03 <input type="checkbox"/> Goats</p> <p>04 <input type="checkbox"/> Pigs</p> <p>05 <input type="checkbox"/> Others</p>

HOUSEHOLD SOCIO-ECONOMIC / HOUSEHOLDS / HOUSEHOLD INFORMATION

Roster: LIVESTOCK

generated by multi-select question [hse_livestock](#)

hse_livestock_roster

<p>How many</p>	<p>NUMERIC: INTEGER hse_livestock_count</p> <p>-----</p>
<p>Where does this household operate its agricultural activities?</p> <p>E hse_agri_activity.ContainsAny(1,2,3,4,5,6)</p>	<p>SINGLE-SELECT: COMBO BOX hse_agri_activity_location</p> <p>01 <input type="radio"/> Farm land</p> <p>02 <input type="radio"/> Backyard</p> <p>03 <input type="radio"/> Communal or tribal land</p> <p>04 <input type="radio"/> Other</p>
<p>Specify other location for agricultural activities.</p> <p>E hse_agri_activity_location == 4</p>	<p>TEXT agri_activity_specify</p> <p>-----</p>

<p>Has any resident member of the household been a victim of any of these crimes in the past 12 months?</p>	<p>MULTI-SELECT hse_vic_of_crime</p> <p>01 <input type="checkbox"/> Theft</p> <p>02 <input type="checkbox"/> Assault (incl. Sexual assault)</p> <p>03 <input type="checkbox"/> Murder</p> <p>04 <input type="checkbox"/> Other crime</p> <p>05 <input type="checkbox"/> None</p> <p>06 <input type="checkbox"/> Don't know</p> <p>07 <input type="checkbox"/> Refused</p>
<p>I Mark all that apply</p>	
<p>How would the household classify its financial situation these days?</p>	<p>SINGLE-SELECT: COMBO BOX hse_financial_status</p> <p>01 <input type="radio"/> COM - Comfortable</p> <p>04 <input type="radio"/> DKN - _don't know</p> <p>05 <input type="radio"/> EPO - Extremely Poor</p> <p>06 <input type="radio"/> JGB - Just Getting By</p> <p>11 <input type="radio"/> POO - Poor</p> <p>13 <input type="radio"/> RFS - _refused</p> <p>14 <input type="radio"/> VCO - Very Comfortable</p>
<p>I Would you say it is very comfortable, comfortable, just getting by, poor, or extremely poor?</p>	
<p>In the last 12 months did you or other members of your household worried about not having enough food to eat because of a lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_lack_of_money</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_lack_of_money_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_lack_of_money == 1</p>	
<p>In the last 12 months was there a time you or other members of your household were unable to eat healthy and nutritious food because of a lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_eat_healthy</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_eat_healthy_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_eat_healthy == 1</p>	
<p>In the last 12 months was there a time you or other members of your household ate only a few kinds of foods because of a lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_few_food</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_few_food_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_few_food == 1</p>	

<p>In the last 12 months was there a time you or other members of your household had to skip a meal because there was not enough money or other resources to get food?</p>	<p>SINGLE-SELECT: COMBO BOX hse_skip_meal</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_skip_meal_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_skip_meal == 1</p>	
<p>In the last 12 months was there a time you or other members of your household ate less than you thought you should because of a lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_cut_adult_meal</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p> <p>04 <input type="radio"/> Refused</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_cut_adult_meal_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_cut_adult_meal == 1</p>	
<p>In the last 12 months was there a time when your household ran out of food because of lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_out_of_food</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_out_of_food_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_out_of_food == 1</p>	
<p>In the last 12 months was there a time you or other members of your household were hungry but did not eat because there was not enough money or other resources for food?</p>	<p>SINGLE-SELECT: COMBO BOX hse_went_hungry</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p>
<p>How often did this happen?</p>	<p>SINGLE-SELECT: COMBO BOX hse_went_hungry_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>E hse_went_hungry == 1</p>	
<p>In the last 12 months was there a time you or other members of your household went without eating for a whole day because of lack of money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_adult_not_eat</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p> <p>04 <input type="radio"/> Refused</p>

<p>How often did this happen?</p> <p>E hse_adult_not_eat == 1</p>	<p>SINGLE-SELECT: COMBO BOX hse_adult_not_eat_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>
<p>In the last 12 months did you ever cut the size of children's meals or did the children skip a meal because there was not enough money or other resources?</p>	<p>SINGLE-SELECT: COMBO BOX hse_cut_child_meal</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p> <p>04 <input type="radio"/> Refused</p>
<p>How often did this happen?</p> <p>E hse_cut_child_meal == 1</p>	<p>SINGLE-SELECT: COMBO BOX hse_cut_child_meal_occ</p> <p>01 <input type="radio"/> AEM - Almost every month</p> <p>04 <input type="radio"/> OTM - Only one or two months</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> SME - Some months, but not every month</p>

HOUSEHOLD SOCIO-ECONOMIC / HOUSEHOLDS
INDIVIDUAL INFORMATION

<p>Member List</p>	<p>LIST hse_member_list SCOPE: HIDDEN</p> <p>.....</p>
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HOUSEHOLD SOCIO-ECONOMIC / HOUSEHOLDS / INDIVIDUAL INFORMATION

Roster: INDIVIDUALS

generated by list question [hse_member_list](#)

hse_members_roster

<p>Member Registered IntID</p>	<p>NUMERIC: INTEGER hse_mem_reg_intid SCOPE: HIDDEN</p> <p>-----</p>
<p>VARIABLE hse_member_list[@rowcode-1].Item2</p>	<p>STRING var_hse_mem_name</p>
<p>Has HSE</p>	<p>NUMERIC: INTEGER var_has_hse SCOPE: HIDDEN</p> <p>-----</p>
<p>Preferred BS</p>	<p>NUMERIC: INTEGER hse_preferred_bs SCOPE: HIDDEN</p> <p>-----</p>
<p>Preferred HH</p>	<p>NUMERIC: INTEGER hse_preferred_hh SCOPE: HIDDEN</p> <p>-----</p>
<p>Member Age</p>	<p>NUMERIC: INTEGER var_hse_mem_age SCOPE: HIDDEN</p> <p>-----</p>

STATIC TEXT

E hse_preferred_bs != bs_intid || hse_preferred_hh != hse_hh_intid

Preferred BS: %hse_preferred_bs% Preferred HH: %hse_preferred_hh%

<p>Highest Grade %rostertitle% completed at school (1-12)?</p>	<p>TEXT SCOPE: HIDDEN</p> <p style="text-align: right;">hse_highest_grade</p> <p>.....</p>
<p>What is the highest grade %rostertitle% completed at school? %hse_highest_grade%</p> <p>I If the Grade is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 6 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p style="text-align: right;">hse_current_highest_grade</p> <p>27 <input type="radio"/> NON - _none</p> <p>23 <input type="radio"/> LOY - Less than one year</p> <p>51 <input type="radio"/> PRE - Pre-school</p> <p>10 <input type="radio"/> G01 - Grade 1 or Sub A/Class1</p> <p>11 <input type="radio"/> G02 - Grade 2 or Sub B/Class2</p> <p>12 <input type="radio"/> G03 - Grade 3 / Standard 1 / ABET1</p> <p>13 <input type="radio"/> G04 - Grade 4 / Standard 2</p> <p>14 <input type="radio"/> G05 - Grade 5 / Standard 3 / ABET2</p> <p>15 <input type="radio"/> G06 - Grade 6 / Standard 4</p> <p>16 <input type="radio"/> G07 - Grade 7 / Standard 5 / ABET3</p> <p>17 <input type="radio"/> G08 - Grade 8 / Standard 6</p> <p>18 <input type="radio"/> G09 - Grade 9 / Standard 7 / ABET4</p> <p>19 <input type="radio"/> G10 - Grade 10 / Standard 8</p> <p>20 <input type="radio"/> G11 - Grade 11 / Standard 9</p> <p>21 <input type="radio"/> G12 - Grade 12 / Standard 10</p> <p>09 <input type="radio"/> DKN - _don't know</p> <p>And 1 other symbols [64]</p>
<p>Highest level of education %rostertitle% completed after school?</p>	<p>TEXT SCOPE: HIDDEN</p> <p style="text-align: right;">hse_education_tertiary</p> <p>.....</p>
<p>What is the highest level of education %rostertitle% completed after school? %hse_education_tertiary%</p> <p>I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 6 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX</p> <p style="text-align: right;">hse_current_education_tertiary</p> <p>27 <input type="radio"/> NON - _none</p> <p>46 <input type="radio"/> N01 - NQF1 / N1 / NTC 1</p> <p>47 <input type="radio"/> N02 - NQF2 / N2 / NTC 2</p> <p>48 <input type="radio"/> N03 - NQF3 / N3 / NTC 3</p> <p>49 <input type="radio"/> N04 - NQF4 / N4 / NTC 4</p> <p>52 <input type="radio"/> N05 - NQF5 / N5 / NTC 5</p> <p>53 <input type="radio"/> N06 - NQF6 / N6 / NTC 6</p> <p>01 <input type="radio"/> BAC - Bachelor's Degree (NQF7)</p> <p>22 <input type="radio"/> HON - Honours Degree (NQF 8)</p> <p>54 <input type="radio"/> MSD - Master's Degree (NQF9)</p> <p>55 <input type="radio"/> DOC - Doctoral Degree - PhD (NQF10)</p> <p>09 <input type="radio"/> DKN - _don't know</p> <p>31 <input type="radio"/> RFS - _refused</p> <p>26 <input type="radio"/> NAD - _non applicable</p>
<p>Is %rostertitle% currently in full-time or part-time education?</p>	<p>TEXT SCOPE: HIDDEN</p> <p style="text-align: right;">hse_education</p> <p>.....</p>

<p>Is %rostertitle% currently in full-time or part-time education? %hse_education%</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 6 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p> <p>V1 hse_education == "Part-time" && self != 1 ? true : hse_education == "Full-Time" && self != 2 ? true : hse_education == "No" && self != 3 ? true : hse_education == "_Refused" && self != 5 ? true : hse_education == "_Unknown" && self != 6 ? true : hse_education == "_Refused"</p> <p>M1 You have indicated that the education level has changed but you have selected the same level.</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_education</p> <p>01 <input type="radio"/> A - Part-time</p> <p>02 <input type="radio"/> F - Full-Time</p> <p>03 <input type="radio"/> N - No</p> <p>05 <input type="radio"/> R - _Refused</p> <p>06 <input type="radio"/> U - _Unknown</p>
<p>If attending school, BSID?</p>	<p>TEXT hse_school_bsid</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>If attending school, BSID? %hse_school_bsid%</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 6 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid && (hse_current_education == 1 hse_current_education == 2)</p> <p>V1 self > 9999 && self < 99999</p> <p>M1 Invalid BSID</p>	<p>NUMERIC: INTEGER hse_current_school_bsid</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>99997 NAD - Not Applicable</p> <p>99998 DKN - Don't Know</p>
<p>What level of education is %rostertitle% attending?</p>	<p>TEXT hse_education_level</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Is %rostertitle% currently attending an educational institution? %hse_education_level%</p> <p>I If the Education is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_has_hse == 1 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid && (hse_current_education == 1 hse_current_education == 2)</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_education_level</p> <p>50 <input type="radio"/> CRC - Creche</p> <p>51 <input type="radio"/> PRE - Pre-school</p> <p>10 <input type="radio"/> G01 - Grade 1 or Sub A/Class1</p> <p>11 <input type="radio"/> G02 - Grade 2 or Sub B/Class2</p> <p>12 <input type="radio"/> G03 - Grade 3 / Standard 1</p> <p>13 <input type="radio"/> G04 - Grade 4 / Standard 2</p> <p>14 <input type="radio"/> G05 - Grade 5 / Standard 3</p> <p>15 <input type="radio"/> G06 - Grade 6 / Standard 4</p> <p>16 <input type="radio"/> G07 - Grade 7 / Standard 5</p> <p>17 <input type="radio"/> G08 - Grade 8 / Standard 6</p> <p>18 <input type="radio"/> G09 - Grade 9 / Standard 7</p> <p>19 <input type="radio"/> G10 - Grade 10 / Standard 8</p> <p>20 <input type="radio"/> G11 - Grade 11 / Standard 9</p> <p>21 <input type="radio"/> G12 - Grade 12 / Standard 10</p> <p>42 <input type="radio"/> A01 - ABET1</p> <p>43 <input type="radio"/> A02 - ABET2</p> <p>And 13 other symbols [65]</p>
<p>Is %rostertitle% in Employment?</p>	<p>TEXT hse_in_employment</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>Is %rostertitle% currently doing anything to earn money [i.e. in employment]? %hse_in_employment%</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 18 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_in_employment</p> <p>02 <input type="radio"/> DKN - _Don't know</p> <p>04 <input type="radio"/> NIE - No, not in employment</p> <p>05 <input type="radio"/> RFS - _Refused</p> <p>06 <input type="radio"/> YFT - Yes, Full-time</p> <p>07 <input type="radio"/> YPT - Yes, Part-time</p>

<p>Is %rostertitle% self-employed or an employee?</p>	<p>TEXT hse_self_employed SCOPE: HIDDEN</p> <p>.....</p>
<p>Is %rostertitle% self-employed or an employee? %hse_self_employed%</p> <p>E var_has_hse == 1 && (hse_current_in_employment == 6 hse_current_in_employment == 7) && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_self_employed</p> <p>03 <input type="radio"/> DKN - _don't know</p> <p>09 <input type="radio"/> RFS - _refused</p> <p>10 <input type="radio"/> WEE - Works as employee</p> <p>11 <input type="radio"/> WFS - Work for themselves</p>
<p>who is your employer?</p>	<p>TEXT hse_employer SCOPE: HIDDEN</p> <p>.....</p>
<p>who is your employer? %hse_employer%</p> <p>E var_has_hse == 1 && hse_current_self_employed == 10 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_employer</p> <p>01 <input type="radio"/> CGV - Central government</p> <p>04 <input type="radio"/> LRA - Local / regional authority</p> <p>06 <input type="radio"/> NGO - Non-profit institution</p> <p>15 <input type="radio"/> PGV - Provincial government</p> <p>09 <input type="radio"/> PRV - Private sector employer</p> <p>10 <input type="radio"/> PUB - Public corporation</p>
<p>In which employment sector?</p>	<p>TEXT hse_employment_sector SCOPE: HIDDEN</p> <p>.....</p>
<p>In which employment sector? %hse_employment_sector%</p> <p>I If the Sector is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_has_hse == 1 && (hse_current_self_employed == 10 hse_current_self_employed == 11) && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_employment_sector</p> <p>01 <input type="radio"/> AGF - Agriculture/Fishing/Forestry</p> <p>02 <input type="radio"/> ARM - Armed forces</p> <p>03 <input type="radio"/> CON - Construction</p> <p>06 <input type="radio"/> DOM - Domestic services</p> <p>07 <input type="radio"/> EDC - Educational services</p> <p>08 <input type="radio"/> ELW - Electricity and water</p> <p>09 <input type="radio"/> FIN - Finance</p> <p>10 <input type="radio"/> HOT - Restaurant/Hotels/Sport</p> <p>23 <input type="radio"/> HSV - Health services</p> <p>24 <input type="radio"/> INF - Informal sector</p> <p>11 <input type="radio"/> LEG - Legal services</p> <p>12 <input type="radio"/> MAN - Manufacturing</p> <p>14 <input type="radio"/> MIN - Mining</p> <p>19 <input type="radio"/> RES - Research</p> <p>20 <input type="radio"/> RET - Wholesales and retail</p> <p>22 <input type="radio"/> TRC - Transport and communication</p>

<p>[IF NOT employed] why is %rostertitle% not working?</p> <p>I Mark all that apply</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 18 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid && (hse_current_in_employment != 6 && hse_current_in_employment != 7)</p>	<p>MULTI-SELECT hse_mem_passtime</p> <p>01 <input type="checkbox"/> Awaiting the season for work</p> <p>02 <input type="checkbox"/> Caring for other children</p> <p>03 <input type="checkbox"/> Looking for work</p> <p>04 <input type="checkbox"/> Studying</p> <p>05 <input type="checkbox"/> Health reasons</p> <p>06 <input type="checkbox"/> Disabled or unable to work (handicapped)</p> <p>07 <input type="checkbox"/> Pregnant, or caring for own children</p> <p>08 <input type="checkbox"/> Retired</p> <p>09 <input type="checkbox"/> Nothing (not looking)</p> <p>10 <input type="checkbox"/> Other</p> <p>11 <input type="checkbox"/> Caring for sick/injured</p> <p>12 <input type="checkbox"/> Retrenched</p> <p>13 <input type="checkbox"/> Don't know</p> <p>14 <input type="checkbox"/> Refused</p>
<p>Does %rostertitle% receive any Government Grant?</p>	<p>LIST hse_grants</p> <p>SCOPE: HIDDEN</p> <p>.....</p>

HOUSEHOLD SOCIO-ECONOMIC / HOUSEHOLDS / INDIVIDUAL INFORMATION / INDIVIDUALS

Roster: EXISTING GRANTS

generated by list question [hse_grants](#)

hse_grants_roster

<p>Grant Code</p>	<p>TEXT hse_grant_code</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>VARIABLE</p> <p>hse_grant_code == "CAR" ? 11 : hse_grant_code == "CHS" ? 1 : hse_grant_code == "DIS" ? 9 : hse_grant_code == "FOC" ? 4 : hse_grant_code == "GIA" ? 12 : hse_grant_code == "NON" ? 6 : hse_grant_code ==</p> <p>And 75 other symbols [21]</p>	<p>LONG hse_grant_variable</p>
<p>Is %var_hse_mem_name% still receiving '%hse_grant_code%'?</p> <p>E var_has_hse == 1 && (!hse_grant_code.InList("DKN","MIS","NON","RFS")) && (!string.IsNullOrEmpty(hse_grant_code)) && !string.IsNullOrWhiteSpace(hse_grant_code) && hse_preferred_bs == bs_intid && hse_ And 28 other symbols [7]</p>	<p>SINGLE-SELECT: COMBO BOX hse_grant_end</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>When did %var_hse_mem_name% last receive '%hse_grant_code%'? (ÜÜ)</p> <p>E hse_grant_end == 2</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT hse_grant_end_date</p> <p>.....</p>

<p>Which religion does %rosteritle% follow? %hse_religion%</p> <p>I If the Religion is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 18 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_current_religion</p> <p>01 <input type="radio"/> AEC - African Evangelic Church</p> <p>02 <input type="radio"/> AEV - African Evangelic Church</p> <p>03 <input type="radio"/> AHM - Apostolic Holy Messenger</p> <p>04 <input type="radio"/> ANG - Anglican</p> <p>05 <input type="radio"/> AOG - Assembles of god</p> <p>06 <input type="radio"/> APT - Apostolic Twelve</p> <p>07 <input type="radio"/> BAP - Baptists</p> <p>08 <input type="radio"/> BUD - Buddhist</p> <p>09 <input type="radio"/> CAT - Catholic</p> <p>10 <input type="radio"/> CHR - Christian</p> <p>11 <input type="radio"/> COC - Church of Christ</p> <p>12 <input type="radio"/> DEP - _deprecated</p> <p>13 <input type="radio"/> DFT - _default</p> <p>14 <input type="radio"/> DKN - _don't know</p> <p>15 <input type="radio"/> DRF - Dutch reformed</p> <p>16 <input type="radio"/> EMM - Emmanuel of God</p> <p>And 38 other symbols [66]</p>
<p>How many hours per week does %rosteritle% spend in services etc?</p>	<p>TEXT hse_hours_in_service</p> <p>SCOPE: HIDDEN</p> <p>.....</p>
<p>How many hours per week does %rosteritle% spend in services etc? %hse_hours_in_service%</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 18 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>NUMERIC: INTEGER hse_current_hours_in_service</p> <p>-----</p>
<p>Is %rosteritle% a Traditional Healer Practitioner?</p> <p>E var_has_hse == 1 && var_hse_mem_age >= 18 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>SINGLE-SELECT: COMBO BOX hse_traditional_healer</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>What type of a Traditional Healer is %rosteritle%?</p> <p>I Mark all that apply</p> <p>E var_has_hse == 1 && hse_traditional_healer == 1 && hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid</p>	<p>MULTI-SELECT hse_healer_type</p> <p>01 <input type="checkbox"/> iNyanga (healer herbalist)</p> <p>02 <input type="checkbox"/> iSangoma (diviner)</p> <p>03 <input type="checkbox"/> uMthandazi (Faither healer, prophet)</p> <p>04 <input type="checkbox"/> UMthwasa (trainee traditional healer)</p>
<p>Has %rosteritle% participated in a Self-testing service/program in the last 12 months?</p>	<p>SINGLE-SELECT: COMBO BOX self_testing_program</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Don't know</p> <p>04 <input type="radio"/> Refused</p>

If yes, who provided?

E self_testing_program == 1

SINGLE-SELECT: COMBO BOX

self_testing_provider

- 01 Private Doctor
- 02 NGO
- 03 Government Clinic
- 04 Pharmacy
- 05 Theta Nami Peer Navigator
- 06 Friend
- 07 Don't know
- 08 Refused
- 99 Other

BOUNDED STRUCTURE MERGING

E bs_merging == 1

STATIC TEXT

The ONLY circumstance when it is necessary to merge two Bounded Structures is when there are Resident Members of a single Household resident in the two Bounded Structures. i.e. one Household is split over the two BS, and the two bounded structures are in close proximity to each other and share the same owner. Close proximity means less than 25m apart and/or enclosed within the same boundary fence.

BOUNDED STRUCTURE MERGING CRITERIA FOR MERGING

<p>Is it one household living in the Bounded Structures?</p>	<p>SINGLE-SELECT: COMBO BOX bsm_one_household 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Are the households living in the Bounded Structures joining to form one?</p> <p>E bsm_one_household == 1</p>	<p>SINGLE-SELECT: COMBO BOX bsm_form_one 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Are the Bounded Structures owned by the same person, and do they share the same boundary fence?</p> <p>E bsm_form_one == 1</p>	<p>SINGLE-SELECT: COMBO BOX bsm_same_owner 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>BSID to be kept</p> <p>E bsm_same_owner == 1 V1 self > 9999 && self < 99991 M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER bsm_bsid_kept -----</p>
<p>BSID to be merged away</p> <p>E bsm_same_owner == 1 V1 self > 9999 && self < 99991 M1 Invalid BSID entered.</p>	<p>NUMERIC: INTEGER bsm_bsid_merged -----</p>
<p>Are there any Household and/or Individual migrations forms?</p> <p>E bsm_same_owner == 1</p>	<p>SINGLE-SELECT: COMBO BOX bsm_migration_forms 01 <input type="radio"/> Yes 02 <input type="radio"/> No, Not Applicable</p>
<p>MGN form(s) completed and checked by QC?</p> <p>E bsm_migration_forms == 1</p>	<p>SINGLE-SELECT: COMBO BOX bsm_migration_completed SCOPE: SUPERVISOR 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>Staff member code</p> <p>E bsm_migration_completed > 0</p>	<p>TEXT bsm_staff_member_qc SCOPE: SUPERVISOR -----</p>

<p>Date</p> <p>E bsm_migration_completed > 0</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT SCOPE: SUPERVISOR</p> <p style="text-align: right;">bsm_migration_completed_date</p> <p>.....</p>
---	---

STATIC TEXT

E bsm_migration_forms == 1

MGN form(s) entered and checked?

<p>Signed by TMR</p> <p>E bsm_migration_forms == 1</p>	<p>PICTURE</p> <p style="text-align: right;">bsm_migration_entered_dcp</p>
---	--

<p>Date</p> <p>E bsm_migration_forms == 1</p>	<p>DATE</p> <p style="text-align: right;">bsm_migration_entered_date</p> <p>.....</p>
--	---

<p>Merge completed? (GIS)</p> <p>E bsm_same_owner == 1</p>	<p>SINGLE-SELECT: COMBO BOX SCOPE: SUPERVISOR</p> <p style="text-align: right;">bsm_merge_completed</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
---	--

<p>Checked and approved by GIS?</p> <p>E bsm_merge_completed == 1</p>	<p>SINGLE-SELECT: COMBO BOX SCOPE: SUPERVISOR</p> <p style="text-align: right;">bsm_gis</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
--	--

<p>Staff member code</p> <p>E bsm_gis > 0</p>	<p>TEXT SCOPE: SUPERVISOR</p> <p style="text-align: right;">bsm_staff_member</p> <p>.....</p>
---	---

<p>Date</p> <p>E bsm_gis > 0</p> <p>V1 \$validate_date</p> <p>M1 Invalid date format.</p> <p>V2 \$validate_century</p> <p>M2 Invalid century date format.</p> <p>V3 \$validate_year</p> <p>M3 Invalid year date format.</p> <p>V4 \$validate_month</p> <p>M4 Invalid month date format.</p> <p>V5 \$validate_day</p> <p>M5 Invalid day date format.</p>	<p>TEXT SCOPE: SUPERVISOR</p> <p style="text-align: right;">bsm_gis_date</p> <p>.....</p>
---	---

BS REFUSALS

E bs_refusal == 2

STATIC TEXT

Interview: %bs_interview%

Physical address (Street, Number) or Bounded Structure Name/Location (if available)	TEXT bsrnf_address
<p>Isigodi</p> <p>I If the Isigodi is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX bsrnf_isigodi</p> <p>07 <input type="radio"/> BNZ - Banzaneni</p> <p>08 <input type="radio"/> DEP - Deprecated</p> <p>01 <input type="radio"/> DFT - _default</p> <p>10 <input type="radio"/> DKB - Dukumbane</p> <p>09 <input type="radio"/> DKD - Dukuduku</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>11 <input type="radio"/> EBS - Ebaswazini</p> <p>12 <input type="radio"/> EGH - Egula (Hlabisa)</p> <p>13 <input type="radio"/> EGM - Egula (Mdletshe)</p> <p>14 <input type="radio"/> EKP - Ekuphisweni</p> <p>15 <input type="radio"/> EPB - Empembeni</p> <p>16 <input type="radio"/> ESV - Esiyembeni</p> <p>17 <input type="radio"/> GUN - Gunjaneni</p> <p>18 <input type="radio"/> HLM - Hlabisa Mission</p> <p>19 <input type="radio"/> HMB - Hlambanyathi</p> <p>20 <input type="radio"/> INW - Inhlawathi</p> <p>And 53 other symbols [67]</p>
Date of Visit	DATE bsrnf_visit_date
Detail notes by the fieldworker/supervisor regarding the refusal	TEXT bsrnf_detail_notes

BS REFUSALS

CEU VISIT DETAILS

CEU Visit Date	DATE bsrnf_ceu_visit_date
Visit Informant	<p>SINGLE-SELECT: COMBO BOX bsrnf_informant_type</p> <p>07 <input type="radio"/> HHH - Household Head</p> <p>08 <input type="radio"/> HMB - Household Member</p> <p>12 <input type="radio"/> OWN - Owner</p>
<p>Visit Informant DSID</p> <p>E bsrnf_informant_type == 8</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	TEXT bsrnf_ceu_informant_dsid

Visit Narrative	TEXT bsrnf_ceu_visit_narrative -----
CEU Recommendations	SINGLE-SELECT: COMBO BOX bsrnf_skips 01 <input type="radio"/> Re-Visit this round 02 <input type="radio"/> Re-Visit next year (After 12 months) 03 <input type="radio"/> Skip 2 rounds

HH REFUSALS

E var_hhu_refusal_count > 0

HH REFUSALS

Roster: REFUSALS

generated by list question [hhu_1ist](#)

hhrefusal_roster

E household_roster.Any(x => x.@rowcode == @rowcode && x.hhu_refusal == 2)

STATIC TEXT

Interview: %bs_interview%

Physical address (Street, Number) or Bounded Structure Name/Location (if available)	TEXT hhrnf_address
<p>Isigodi</p> <p>I If the Isigodi is not displayed, then start typing the first characters to filter the lookup list and then select from the list.</p>	<p>SINGLE-SELECT: COMBO BOX hhrnf_isigodi</p> <p>07 <input type="radio"/> BNZ - Banzaneni</p> <p>08 <input type="radio"/> DEP - Deprecated</p> <p>01 <input type="radio"/> DFT - _default</p> <p>10 <input type="radio"/> DKB - Dukumbane</p> <p>09 <input type="radio"/> DKD - Dukuduku</p> <p>02 <input type="radio"/> DKN - _don't know</p> <p>11 <input type="radio"/> EBS - Ebaswazini</p> <p>12 <input type="radio"/> EGH - Egula (Hlabisa)</p> <p>13 <input type="radio"/> EGM - Egula (Mdletshe)</p> <p>14 <input type="radio"/> EKP - Ekuphisweni</p> <p>15 <input type="radio"/> EPB - Empembeni</p> <p>16 <input type="radio"/> ESV - Esiyembeni</p> <p>17 <input type="radio"/> GUN - Gunjaneni</p> <p>18 <input type="radio"/> HLM - Hlabisa Mission</p> <p>19 <input type="radio"/> HMB - Hlambanyathi</p> <p>20 <input type="radio"/> INW - Inhlawathi</p> <p>And 53 other symbols [68]</p>
Date of Visit	DATE hhrnf_visit_date
Detail notes by the fieldworker/supervisor regarding the refusal	TEXT hhrnf_detail_notes
Household Head	TEXT hhrnf_head

HH REFUSALS / REFUSALS
CEU VISIT DETAILS

CEU Visit Date	DATE hhrnf_ceu_visit_date
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<p>Visit Informant</p>	<p>SINGLE-SELECT: COMBO BOX hhrnf_informant_type</p> <p>07 <input type="radio"/> HHH - Household Head</p> <p>08 <input type="radio"/> HMB - Household Member</p> <p>12 <input type="radio"/> OWN - Owner</p>
<p>Visit Informant DSID</p> <p>E hhrnf_informant_type == 8</p> <p>V1 \$validate_dsid</p> <p>M1 Invalid DSID / TempID</p>	<p>TEXT hhrnf_ceu_informant_dsid</p> <p>.....</p>
<p>Visit Narrative</p>	<p>TEXT hhrnf_ceu_visit_narrative</p> <p>.....</p>
<p>CEU Recommendations</p>	<p>SINGLE-SELECT: COMBO BOX hhrnf_skips</p> <p>01 <input type="radio"/> Re-Visit this round</p> <p>02 <input type="radio"/> Re-Visit next year (After 12 months)</p> <p>03 <input type="radio"/> Skip 2 rounds</p>

APPENDIX A — ENABLING CONDITIONS

- [1] **bs_state_change_date:** On what date did the state change? (ÜÜ)

Enablement Condition:

```
(bs_current_state == 5 && bs_previous_state != "BKD") ? true :  
(bs_current_state == 6 && bs_previous_state != "DST") ? true :  
(bs_current_state == 7 && bs_previous_state != "UCN") ? true :  
(bs_current_state == 8 && bs_previous_state != "USB") ? true : false))
```

- [2] **mem_join_household:** Did any / all of the remaining members joined an existing household at this BS?

Enablement Condition:

```
(hhu_all_migrated == 2 && (mem_multi_migration == 2 || (var_mem_multi_count + var_hh_mem_migrate) !=  
hhu_members_list.Length)) || (hhu_end_type == 1 && (mem_multi_migration == 2 || var_mem_multi_count !=  
hhu_members_list.Length))
```

- [3] **mem_formed_household:** Did any / all of the remaining members formed a new household at this BS?

Enablement Condition:

```
(hhu_all_migrated == 2 && ((mem_multi_migration == 2 && mem_join_household == 2) || ((var_mem_multi_count +  
var_hh_mem_migrate) != hhu_members_list.Length && mem_join_household == 2) || (mem_multi_migration == 2 &&  
(var_mem_multi_count + var_hh_mem_migrate) != hhu_members_list.Length) || ((var_mem_multi_count +  
var_mem_multi_count + var_hh_mem_migrate) != hhu_members_list.Length))) || (hhu_end_type == 1 &&  
(mem_multi_migration == 2 && mem_join_household == 2) || (var_mem_multi_count != hhu_members_list.Length &&  
mem_join_household == 2) || (mem_multi_migration == 2 && var_mem_multi_count != hhu_members_list.Length) ||  
(var_mem_multi_count + var_mem_multi_count) != hhu_members_list.Length))
```

- [4] **hm_current_partnership_pattern:** Does/did %rosteritem% have a regular or casual partner on %var_bs_current_visit_string%? %hm_partnership_pattern%

Enablement Condition:

```
var_mem_age >= 12 &&  
(hm_current_marital_state != 15 &&  
hm_current_marital_state != 21 &&  
hm_current_marital_state != 11 &&  
hm_current_marital_state != 23 &&  
hm_current_marital_state != 17 &&  
hm_current_marital_state != 10 &&  
hm_current_marital_state != 22)
```

- [5] **hm_new_crr:** Has %rosteritem% had a new conjugal relationship over the last 12 months with a partner who is a member of this household?

Enablement Condition:

```
var_mem_age >= 12 && hm_current_gender == 2 && ((!string.IsNullOrEmpty(hm_dsid) && hm_partner_full_member > 0 &&  
hm_partner_full_member < 3 && ((!string.IsNullOrEmpty(hm_conjugal_relationship) &&  
!string.IsNullOrEmpty(hm_conjugal_relationship)) && hm_crr_end == 1) ||  
(string.IsNullOrEmpty(hm_conjugal_relationship) || string.IsNullOrEmpty(hm_conjugal_relationship)))) ||  
string.IsNullOrEmpty(hm_dsid)
```

- [6] **hmr_partnership_pattern:** Does/did %rosteritem% have a regular or casual partner on %var_bs_current_visit_string%?

Enablement Condition:

```
(var_reg_mem_age >= 12) &&  
(hmr_marital_state != 15 &&  
hmr_marital_state != 21 &&  
hmr_marital_state != 11 &&  
hmr_marital_state != 23 &&  
hmr_marital_state != 17 &&  
hmr_marital_state != 10 &&  
hmr_marital_state != 22)
```

- [7] **hse_grant_end:** Is %var_hse_mem_name% still receiving '%hse_grant_code%'?

Enablement Condition:

```
var_has_hse == 1 && (!hse_grant_code.InList("DKN", "MIS", "NON", "RFS")) &&  
(!string.IsNullOrEmpty(hse_grant_code) && !string.IsNullOrEmpty(hse_grant_code)) &&  
hse_preferred_bs == bs_intid && hse_preferred_hh == hse_hh_intid
```

- [8] **:%hm_mgn_string%**

Enablement Condition:

```
((hm_residency_changed == 1 || hm_residency_changed == 2) && hm_surveillance_area > 0) && (!  
(hm_current_mem_resident == 1 && hm_residency_changed == 2 && (var_ind_incl_hh_mig == true ||  
hm_ind_incl_multi_mig == 1)))
```

- [9] **:There are still unanswered COVID questions in this Household section**

Enablement Condition:

```
IsSectionAnswered(covid19) == false; //EnabledQuestionsCount(covid19) - EnabledAnsweredQuestionsCount(covid19) ==  
1 && hh_test_visit_time == -1 && string.IsNullOrEmpty(hh_test_visit_date.Value.ToString()) ? false :  
IsSectionAnswered(covid19) == false
```

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

[1] [hm_current_civil_id_dob](#): Civilian ID Date of Birth (ÜÜ)

Validation Condition:

```
$validate_date
```

Validation Message: Invalid date format.

Validation Condition:

```
(!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ?  
(hm_current_civil_id_dob.Substring(2, 2) == hm_current_civil_id.Substring(0, 2) ? true : false) : true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
(!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ?  
(hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (hm_current_civil_id_dob.Substring(5, 2) ==  
hm_current_civil_id.Substring(2, 2) ? true : false) : true) : true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
(!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ?  
(hm_current_civil_id_dob.Substring(8, 2).IsIntegerNumber() ? (hm_current_civil_id_dob.Substring(8, 2) ==  
hm_current_civil_id.Substring(4, 2) ? true : false) : true) : true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
$validate_century
```

Validation Message: Invalid century date format.

Validation Condition:

```
$validate_year
```

Validation Message: Invalid year date format.

Validation Condition:

```
$validate_month
```

Validation Message: Invalid month date format.

Validation Condition:

```
$validate_day
```

Validation Message: Invalid day date format.

[2] [hm_current_gender](#): Sex %hm_gender%

Validation Condition:

```
(!string.IsNullOrEmpty(hm_current_civil_id) && !string.IsNullOrWhiteSpace(hm_current_civil_id)) ?  
( (hm_current_gender == 1 && Convert.ToInt32(hm_current_civil_id.Substring(6, 4)) > 4999 ? true : false) ||  
(hm_current_gender == 2 && Convert.ToInt32(hm_current_civil_id.Substring(6, 4)) < 5000 ? true : false)) : true
```

Validation Message: Civilian Id and Sex does not match.

Validation Condition:

```
hm_gender == "MAL" ? hm_current_gender == 1 : (hm_gender == "FEM" ? hm_current_gender == 2 : false)
```

Validation Message: You have changed the gender from %hm_gender%

[3] [hm_residency_changed](#): Has %rostertitle% changed his/her residency status at this Bounded Structure from last visit and %var_bs_current_visit_string%?

Validation Condition:

```
hm_residency_changed == 1 ? (hm_residency_changed == 1 && hm_current_mem_resident == 2) : true
```

Validation Message: You can't in-migrate the individual when you specified that %rostertitle% was non-resident in the previous question.

Validation Condition:

```
hm_residency_changed == 1 ? (hm_residency_changed == 1 && (hm_is_mem_resident == "No - Not Resident" ||  
(string.IsNullOrEmpty(hm_is_mem_resident) || string.IsNullOrWhiteSpace(hm_is_mem_resident)))) : true
```

Validation Message: You can't in-migrate the individual when %rostertitle% was previously recorded as resident.

Validation Condition:

```
hm_residency_changed == 2 ? (hm_residency_changed == 2 && hm_current_mem_resident == 1) : true
```

Validation Message: You can't out-migrate the individual when you specified that %rostertitle% was resident in the previous question.

Validation Condition:

```
hm_residency_changed == 2 ? (hm_residency_changed == 2 && (hm_is_mem_resident == "Yes - Resident" ||  
(string.IsNullOrEmpty(hm_is_mem_resident) || string.IsNullOrWhiteSpace(hm_is_mem_resident)))) : true
```

Validation Message: You can't out-migrate the individual when %rostertitle% was previously recorded as non-resident.

[4] [hm_current_marital_state](#): What is/was the marital state of %rostertitle% on %var_bs_current_visit_string%? %hm_marital_state%

Validation Condition:

```
hm_marital_state.InList("DIV", "MAR", "MCM", "MNG", "MTM", "PCM", "PLG", "PTM", "SCM", "SEP", "STM", "WID") ?
(hm_marital_state.InList("DIV", "MAR", "MCM", "MNG", "MTM", "PCM", "PLG", "PTM", "SCM", "SEP", "STM", "WID") &&
(hm_current_marital_state != 18 && hm_current_marital_state != 19 && hm_current_marital_state != 20)) : true
```

Validation Message: Can't select 'Never been married' when the individual was previously married.

[5] **hhr_register_list**: Please list the households currently resident at this Bounded Structure (eg. 'AA', 'AB'...'AE')

Validation Condition:

```
hhr_register_list.Length == 1 ? hhr_register_list[0].Item2 == "AA" :
hhr_register_list.Length == 2 ? hhr_register_list[0].Item2 == "AA" && hhr_register_list[1].Item2 == "AB" :
hhr_register_list.Length == 3 ? hhr_register_list[0].Item2 == "AA" && hhr_register_list[1].Item2 == "AB" &&
hhr_register_list[2].Item2 == "AC" :
hhr_register_list.Length == 4 ? hhr_register_list[0].Item2 == "AA" && hhr_register_list[1].Item2 == "AB" &&
hhr_register_list[2].Item2 == "AC" && hhr_register_list[3].Item2 == "AD" :
hhr_register_list.Length == 5 ? hhr_register_list[0].Item2 == "AA" && hhr_register_list[1].Item2 == "AB" &&
hhr_register_list[2].Item2 == "AC" && hhr_register_list[3].Item2 == "AD" && hhr_register_list[4].Item2 == "AE" :
true;
```

Validation Message: Please enter household(s) in the correct order and format(eg. 'AA', 'AB', 'AC', 'AD' or 'AE')

Validation Condition:

```
self.Select(x=>x.Item2.ToUpper()).Distinct().Count()==self.Count()
```

Validation Message: Duplicate household ID entered.

[6] **hmr_civil_id_dob**: What is the Civilian ID date of birth? (ÜÜ)

Validation Condition:

```
$validate_date
```

Validation Message: Invalid date format.

Validation Condition:

```
(!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(2,
2) == hmr_civil_id.Substring(0, 2) ? true : false) : true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
(!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(5,
2).IsIntegerNumber() ? (hmr_civil_id_dob.Substring(5, 2) == hmr_civil_id.Substring(2, 2) ? true : false) : true) :
true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
(!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? (hmr_civil_id_dob.Substring(8,
2).IsIntegerNumber() ? (hmr_civil_id_dob.Substring(8, 2) == hmr_civil_id.Substring(4, 2) ? true : false) : true) :
true
```

Validation Message: Civilian Id and date of birth does not match.

Validation Condition:

```
$validate_century
```

Validation Message: Invalid century date format.

Validation Condition:

```
$validate_year
```

Validation Message: Invalid year date format.

Validation Condition:

```
$validate_month
```

Validation Message: Invalid month date format.

Validation Condition:

```
$validate_day
```

Validation Message: Invalid day date format.

[7] **hmr_gender**: What is %rosteritle%'s sex?

Validation Condition:

```
(!string.IsNullOrEmpty(hmr_civil_id) && !string.IsNullOrWhiteSpace(hmr_civil_id)) ? ((hmr_gender == 1 &&
Convert.ToInt32(hmr_civil_id.Substring(6, 4)) > 4999 ? true : false) || (hmr_gender == 2 &&
Convert.ToInt32(hmr_civil_id.Substring(6, 4)) < 5000 ? true : false)) : true
```

Validation Message: Civilian Id and Sex does not match

[8] **hse_current_education**: Is %rosteritle% currently in full-time or part-time education? %hse_education%

Validation Condition:

```
hse_education == "Part-time" && self != 1 ? true :
hse_education == "Full-Time" && self != 2 ? true :
hse_education == "No" && self != 3 ? true :
hse_education == "Refused" && self != 5 ? true :
hse_education == "_Unknown" && self != 6 ? true : true
```

Validation Message: You have indicated that the education level has changed but you have selected the same level.

APPENDIX C — CATEGORIES

[1] [bs_isigodi](#): Isigodi

Categories: 7:BNZ - Banzaneni, 8:DEP - Deprecated, 1:DFT - _default, 10:DKB - Dukumbane, 9:DKD - Dukuduku, 2:DKN - _don't know, 11:EBS - Ebaswazini, 12:EGH - Egula (Hlabisa), 13:EGM - Egula (Mdletshe), 14:EKP - Ekuphisweni, 15:EPB - Empembeni, 16:ESV - Esiyembeni, 17:GUN - Gunjaneni, 18:HLM - Hlabisa Mission, 19:HMB - Hlambanyathi, 20:INW - Inhlawathi, 21:KLG - Khalokazi, 23:KMI - KwaMsane (Isigodi), 24:KMT - KwaMsane (Township), 25:KSM - KwaMseme, 22:KWH - Kwahoho, 27:MBD - Mabudeni, 26:MBK - Mabhokweni, 30:MCI - Machibini, 29:MCK - Macekeni, 28:MCM - Macambini, 31:MDW - Madondo, 42:MFK - Mfekayi, 43:MGT - Mgangatho, 33:MHJ - Mahunjini, 3:MIS - _missing, 34:MKB - Makhambane, 36:MKP - Makopini, 37:MPL - Mapheleni, 44:MSY - Mshaya, 47:MTB - Mtubatuba, 46:MTD - Mthwadlana, 40:MTE - Matshamnyama-East, 39:MTH - Matshamhlophe, 41:MTW - Matshamnyama-West, 38:MTZ - Mathunzi, 48:MVU - Mvutshini, 32:MWL - Madwaleni, 49:MYE - Myeki, 4:NAD - _non applicable, 50:NBK - Ncwabakazi, 51:NDV - Ndlovu Village, 52:NGD - Ngondini, 55:NKD - Nkundusi, 53:NKL - Nkolokotho, 54:NKM - Nkombose, 35:NKW - Makhowe, 56:NMT - Nomathiya, 57:NPN - Nompondo, 58:NQP - Nqopheni, 59:NSW - Nsolweni, 45:NTK - Mthekwini, 60:OGN - Ogengele, 63:OPD - Ophondweni, 61:OPM - Ophaphasi (Mdletshe), 62:OPP - Ophaphasi (Mpukunyoni), 5:OTH - _other, 64:QAK - Qakwini, 65:QNW - Qunwane, 6:QRY - _query, 66:SKS - Shikishela, 68:SLU - St Lucia, 69:STZ - Stezi, 67:SVN - Sovane

[2] [bs_local_area](#): Local Area Name

Categories: 8:AFR - African, 12:BBZ - Bhozoza, 9:BDG - Bhedangaye, 10:BHK - Bhekamandla, 13:BHZ - Bhokoza, 11:BKZ - Bhekuzulu, 15:BNZ - Bongumusa, 16:BUY - Buya, 14:BYI - Bonanyoni, 18:CHB - Chwebeni, 17:CKL - Cakula, 19:DAY - Danyini, 22:DBL - Dubelenkunzi, 1:DFT - _default, 20:DIB - Dibheni, 23:DKG - Dukungane, 2:DKN - _don't know, 21:DLK - Dlokodlweni, 26:EBK - Ebhekani, 24:EBS - Ebaswazini, 27:EDT - Edutath, 29:EED - Egedeni, 37:EHA - Esiphambanweni, 34:EMB - Embotsheeni, 33:EME - Embongolweni, 31:EMM - Emambeni, 32:EMT - Emathuneni, 35:ENY - Enyakane, 36:EPI - Esiphahleni, 38:ESQ - Esiqiwini, 39:ESV - Esiyembeni, 25:ETG - Ebethangwe, 30:ETJ - Ekuthokojeni, 40:ETS - Etsheni, 28:EWL - Edwalaneni, 42:EZG - Ezinqaweni, 41:EZP - Ezimpehlweni, 43:FKL - Fukula, 44:GAG - Gagwini, 48:GBL - Gwabalandi, 46:GGL - Gugulethu, 45:GOT - Gotshi, 47:GUN - Gunjaneni, 49:GWB - Gwebu, 50:HBT - Hambanathi, 52:HHL - Hluhluwe, 53:HLM - Hlumisa, 51:HZN - Hlazane, 54:IGW - Igwedla, 55:IND - Indlovu, 59:KMR - Kwamsane Reserve, 60:KMT - Kwamsane Township, 64:KQM - Kwasqumbe, 61:KTC - KwaMsane Township Central (W3), 62:KTN - KwaMsane Township North (W2), 63:KTS - KwaMsane Township South (W4), 58:KWH - Kwahoho, 57:KWX - Kwagxaba, 65:KWY - Kwayoung, 66:KWZ - Kwiliza, 86:MAQ - Maqaka, 88:MAS - Mashaya, 90:MAZ - Mazala, 67:MBA - Mabhensani, 91:MBM - Mbomeni, 69:MCI - Machibini, 94:MCK - Mchakwini, 68:MCM - Macambini, 93:MCZ - Mchachazo, 95:MDL - Mdlambila, 96:MDO - Mdolomba, 81:MEA - Makhwela, 110:MEG - Msengeni, 97:MFK - Mfekayi, 99:MFL - Mfolozi, 73:MGD - Magodi, 101:MGS - Mgasela, 74:MGY - Magqayiza, 102:MGZ - Mgeza, 75:MHB - Mahlathini, 76:MHJ - Mahunjini, 3:MIS - _missing, 78:MJN - Majonijoni, 71:MIJ - Macijaq, 79:MKB - Makhambane, 80:MKD - Makhandeni, 105:MKI - Mkhondweni, 104:MKT - Mkhathazi, 92:MKW - Mchakwani, 106:MLO - Mlambo, 77:MMS - Majamisa, 82:MND - Manandi, 108:MNK - Mnyakaja, 107:MNY - Mnyaba, 103:MOA - Mgodla, 85:MPL - Mapheleni, 109:MPU - Mpukunyoni, 87:MQA - Maqanda, 111:MSY - Mshaya, 114:MTG - Mtshongweni, 112:MTL - Mtholo, 113:MTS - Mtshengwana, 83:MUY - Manyunyumbeni, 116:MVU - Mvutshini, 100:MWI - Mganwini, 72:MWL - Madwaleni, 70:MWT - Machwetshana, 117:MYE - Myeki, 89:MYL - Mayiya, 115:MYN - Mvananda, 84:MZD - Manzamandi, 98:MZN - Mfolozaneni, 4:NAD - _non applicable, 153:NAN - Nyakane N, 154:NAS - Nyakane S, 118:NCE - Ncemane, 143:NDB - Nondubela, 56:NDV - Indlovu Village, 121:NGM - Ngqimlana, 120:NGN - Ngongolo, 119:NGO - Ngodane, 123:NGU - Ngutsheni, 124:NHY - Nhlonyani, 125:NIN - Ninela, 126:NJI - Njiniwayo, 127:NJO - Njojo, 135:NKA - Nkonjane, 131:NKB - Nkhobo, 139:NKD - Nkundusi, 128:NKG - Nkangala, 133:NKL - Nkolokotho, 134:NKM - Nkombose, 132:NKO - Nkodibe, 129:NKT - Nkatha, 138:NKU - Nkumbane, 140:NKW - Nkwilini, 130:NKY - Nkayeni, 141:NMT - Nomathiya, 142:NPN - Nompondo, 122:NQM - Ngqumela, 144:NQN - Nqaweni North, 145:NQS - Nqaweni South, 146:NQU - Nqumbo, 147:NSA - Nsane, 136:NST - Nkostoni, 148:NSW - Nsolweni, 149:NTB - Ntandabantu, 150:NTE - Ntiningwe, 151:NTG - Ntungwana, 152:NTW - Ntweni, 137:NVK - Nkovuka, 155:NYA - Nyalazi, 156:OGN - Ogengele, 157:OKL - Okhlanja, 158:OPD - Ophondweni, 159:OQD - Oqondweni, 5:OTH - _other, 161:PAY - Payipini, 162:PHA - Phaphamani, 163:PHU - Phuzudele, 160:PRD - Paradise, 164:QAK - Qakwini, 6:QRY - _query, 165:QUB - Qubuka, 7:RFS - _refused, 172:SBM - Sibomvu, 167:SGG - Sgqogogqweni, 171:SHQ - Shunqa, 170:SHZ - Shoji, 174:SIV - Sivanveni, 169:SKS - Shikishela, 177:SMK - Somkhele, 178:SNJ - Sunjwaneni, 175:SOB - Sobayeka, 176:SOG - Sogceke, 173:SPK - Sipheko, 179:SWL - Swalihle, 166:SYK - Sanyoka, 168:SYM - Shayamoya, 180:TAM - Tamu, 181:TDN - Thandanani, 182:THE - Thenjana, 183:VEZ - Vezunyawo, 184:ZIB - Zibomvini, 187:ZLD - Zululiyaduma, 185:ZMB - Zimambeni, 186:ZNK - Zinkonjane, 188:ZWE - Zwelethu

[3] [hm_current_head_relationship](#): What is/was the relationship of `%rostartitle%` to the head of the household on `%var_bs_current_visit_string%`?

Categories: 7:AFC - Adopted / Foster child, 8:BGF - Boyfriend/Girlfriend, 17:CHD - Son or Daughter, 2:DKN - _don't know, 10:DOM - Domestic Worker, 11:GCH - Grandchild, 12:GPA - Grandparent, 14:OFR - Other (family) Relative, 4:OTH - _other, 16:PLW - Parent-in-law, 15:PRN - Parent, 6:RFS - _refused, 18:SDL - Son or Daughter-in-law, 9:SIB - Brother or Sister, 13:SLF - Head (self), 20:SPS - Wife or Husband, 19:TEN - Tenant

[4] [hm_highest_grade](#): Highest Grade `%rostartitle%` completed at school (1-12)?

Categories: 27:NON - _none, 23:LOY - Less than one year, 51:PRE - Pre-school, 10:G01 - Grade 1 or Sub A/Class1, 11:G02 - Grade 2 or Sub B/Class2, 12:G03 - Grade 3 / Standard 1 / ABET1, 13:G04 - Grade 4 / Standard 2, 14:G05 - Grade 5 / Standard 3 / ABET2, 15:G06 - Grade 6 / Standard 4, 16:G07 - Grade 7 / Standard 5 / ABET3, 17:G08 - Grade 8 / Standard 6, 18:G09 - Grade 9 / Standard 7 / ABET4, 19:G10 - Grade 10 / Standard 8, 20:G11 - Grade 11 / Standard 9, 21:G12 - Grade 12 / Standard 10, 9:DKN - _don't know, 31:RFS - _refused

[5] [hm_current_education_level](#): What level of education is `%rostartitle%` attending?

Categories: 50:CRG - Creche, 51:PRE - Pre-school, 10:G01 - Grade 1 or Sub A/Class1, 11:G02 - Grade 2 or Sub B/Class2, 12:G03 - Grade 3 / Standard 1, 13:G04 - Grade 4 / Standard 2, 14:G05 - Grade 5 / Standard 3, 15:G06 - Grade 6 / Standard 4, 16:G07 - Grade 7 / Standard 5, 17:G08 - Grade 8 / Standard 6, 18:G09 - Grade 9 / Standard 7, 19:G10 - Grade 10 / Standard 8, 20:G11 - Grade 11 / Standard 9, 21:G12 - Grade 12 / Standard 10, 42:A01 - ABET1, 43:A02 - ABET2, 44:A03 - ABET3, 45:A04 - ABET4, 46:N01 - NQF1, 47:N02 - NQF2, 48:N03 - NQF3, 49:N04 - NQF4, 52:N05 - NQF5, 53:N06 - NQF6, 1:BAC - Bachelor's Degree (University), 22:HON - Honours degree, 54:MAD - Master's degree, 55:DOC - Doctoral Degree - PhD, 27:NON - _none

[6] [hm_current_marital_state](#): What is/was the marital state of `%rostartitle%` on `%var_bs_current_visit_string%`? `%hm_marital_state%`

Categories: 13:CNM - Currently not married (not further specified), 1:DFT - _default, 14:DIV - Divorced, 3:DKN - _don't know, 15:MAR - Married (not further specified), 10:MCM - Civil Marriage (monogamous), 4:MIS - _missing, 17:MNG - Monogamous Marriage, 22:MTM - Traditional Marriage (monogamous), 5:NAD - _non applicable, 18:NBM - Never been married (not further specified), 19:NNE - Never been married and not engaged, 20:NVE - Never been married, but engaged, 6:OTH - _other, 11:PCM - Civil Marriage (polygamous), 21:PLG - Polygamous Marriage, 23:PTM - Traditional Marriage (polygamous), 7:QRY - _query, 8:RFS - _refused, 12:SCM - Civil Marriage (separated), 16:SEP - Married, but separated, 25:STM - Traditional Marriage (separated), 26:WID - Widowed

[7] [hm_responsible_relationship: Relationship to the child?](#)

Categories: 1: CGB - Brother, 3: CGF - Father, 12: CGM - Mother, 18: CGS - Sister, 2: DOM - Domestic Worker, 4: FMR - Female maternal relative, 5: FPR - Female paternal relative, 8: MAU - Maternal aunt, 9: MGF - Maternal grandfather, 10: MGM - Maternal grandmother, 6: MMR - Male maternal relative, 7: MPR - Male paternal relative, 11: MUN - Maternal uncle, 97: NAD - _not_applicable, 96: OTH - Other, 13: PAU - Paternal aunt, 14: PGF - Paternal grandfather, 15: PGM - Paternal grandmother, 16: PUN - Paternal uncle, 93: RFS - _refused, 17: SLF - Self

[8] [hm_responsible_fees_rel: Relationship to the child?](#)

Categories: 1: CGB - Brother, 3: CGF - Father, 12: CGM - Mother, 18: CGS - Sister, 2: DOM - Domestic Worker, 4: FMR - Female maternal relative, 5: FPR - Female paternal relative, 8: MAU - Maternal aunt, 9: MGF - Maternal grandfather, 10: MGM - Maternal grandmother, 6: MMR - Male maternal relative, 7: MPR - Male paternal relative, 11: MUN - Maternal uncle, 97: NAD - _not_applicable, 96: OTH - Other, 13: PAU - Paternal aunt, 14: PGF - Paternal grandfather, 15: PGM - Paternal grandmother, 16: PUN - Paternal uncle, 93: RFS - _refused, 17: SLF - Self

[9] [hhu_mgn_code: What was the main reason this household migrated?](#)

Categories: 1: ABS - To look after a Bounded Structure, 2: ACB - Built or bought house, 3: ACH - Household formation, 4: ACM - Accommodation, 5: ACR - Changed rented accommodation, 6: CAR - Caring, 7: CCD - To be cared for, 8: CCF - Was caring for someone, 9: CCS - To care for someone, 10: DFT - Default, 11: DKN - Dont Know or No Reason given, 12: ECJ - Changed jobs, 13: EDU - Education, 14: EFS - Finished School, 15: ELD - Left employment as a domestic worker, 16: ELE - Left Employment, 17: ELS - Left School, 18: EPT - Employment, 19: EPW - To be near place of work, 20: ESC - Schooling, 21: ESR - Searching, 22: ETR - Transfer, 23: HLA - Health, 24: HPR - Prevention, 25: HSK - Sickness, 26: HWL - Well, 27: MCP - To be close to a spouse or a partner, 28: MCR - Marriage or conjugal relationships, 29: MSC - Start of new marriage or conjugal partnership, 30: MSP - Split, 31: NAD - Not Applicable, 32: OTH - Other, 33: PCD - Came to destination for delivery, 34: PGC - Pregnancy, 35: PRR - Return to usual place after of residence delivery, 36: THL - Traditional Healing, 37: VDD - Domestic violence or disagreement, 38: VFF - Faction fights, 39: VIO - Violence or conflict, 40: VPC - Perpetrator of crime, 41: VPR - Prison, 42: VVC - Victim or fear of crime

[10] [hhu_mgn_loc_destination: Location of destination place of residence?](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomboni / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[11] [multi_mgn_code: What was the main reason these individuals migrated?](#)

Categories: 1: ABS - To look after a Bounded Structure, 2: ACB - Built or bought house, 3: ACH - Household formation, 4: ACM - Accommodation, 5: ACR - Changed rented accommodation, 6: CAR - Caring, 7: CCD - To be cared for, 8: CCF - Was caring for someone, 9: CCS - To care for someone, 10: DFT - Default, 11: DKN - Dont Know or No Reason given, 12: ECJ - Changed jobs, 13: EDU - Education, 14: EFS - Finished School, 15: ELD - Left employment as a domestic worker, 16: ELE - Left Employment, 17: ELS - Left School, 18: EPT - Employment, 19: EPW - To be near place of work, 20: ESC - Schooling, 21: ESR - Searching, 22: ETR - Transfer, 23: HLA - Health, 24: HPR - Prevention, 25: HSK - Sickness, 26: HWL - Well, 27: MCP - To be close to a spouse or a partner, 28: MCR - Marriage or conjugal relationships, 29: MSC - Start of new marriage or conjugal partnership, 30: MSP - Split, 31: NAD - Not Applicable, 32: OTH - Other, 33: PCD - Came to destination for delivery, 34: PGC - Pregnancy, 35: PRR - Return to usual place after of residence delivery, 36: THL - Traditional Healing, 37: VDD - Domestic violence or disagreement, 38: VFF - Faction fights, 39: VIO - Violence or conflict, 40: VPC - Perpetrator of crime, 41: VPR - Prison, 42: VVC - Victim or fear of crime

[12] [multi_mgn_destination_location: Location of destination place of residence?](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomboni / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[13] [hm_dtn_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[14] [hm_dtn_care_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[15] [hm_dtn_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN -

_don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[16] [hm_dtn_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catherine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 71017: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 71075: Gunjani Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[17] [hm_mgn_code: What was the main reason this individual migrated?](#)

Categories: 1: ABS - To look after a Bounded Structure, 2: ACB - Built or bought house, 3: ACH - Household formation, 4: ACM - Accommodation, 5: ACR - Changed rented accommodation, 6: CAR - Caring, 7: CCD - To be cared for, 8: CCF - Was caring for someone, 9: CCS - To care for someone, 10: DFT - Default, 11: DKN - Dont Know or No Reason given, 12: ECJ - Changed jobs, 13: EDU - Education, 14: EFS - Finished School, 15: ELD - Left employment as a domestic worker, 16: ELE - Left Employment, 17: ELS - Left School, 18: EPT - Employment, 19: EPW - To be near place of work, 20: ESC - Schooling, 21: ESR - Searching, 22: ETR - Transfer, 23: HLA - Health, 24: HPR - Prevention, 25: HSK - Sickness, 26: HWL - Well, 27: MCP - To be close to a spouse or a partner, 28: MCR - Marriage or conjugal relationships, 29: MSC - Start of new marriage or conjugal partnership, 30: MSP - Split, 31: NAD - Not Applicable, 32: OTH - Other, 33: PCD - Came to destination for delivery, 34: PGC - Pregnancy, 35: PRR - Return to usual place after of residence delivery, 36: THL - Traditional Healing, 37: VDD - Domestic violence or disagreement, 38: VFF - Faction fights, 39: VIO - Violence or conflict, 40: VPC - Perpetrator of crime, 41: VPR - Prison, 42: VVC - Victim or fear of crime

[18] [hm_mgn_other_location: Location of destination place of residence?](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[19] [hm_chl_facility_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[20] [hm_chl_facility_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[21] [hm_chl_facility_bsid: Health Facility BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catherine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 71017: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 71075: Gunjani Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182

: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[22] [hm_chl_vacc_missed: Why was \[NAME\] not given vaccine dose?](#)

Categories: 1: Vaccine was out of stock, 2: No one offered the child a vaccine, 3: Birth was out of hospital, 4: Mother refused the vaccine, 5: Father refused the vaccine, 6: Child was ill- birth complications, 7: Primary caregiver didn't know that child must be vaccinated, 8: Health facility is too far (distance), 9: Parents refused the vaccine, 10: Child was ill and not taken to health facility, 11: Child was ill and taken to health facility was not given vaccine, 12: Religious reasons, 13: Primary caregiver forgot that child had to be vaccinated, 14: There was no one to take the child for vaccination, 15: Went to health facility and found them closed, 16: Went to health facility and was told vaccinator was not available, 17: Primary caregiver was sick, 18: Primary caregiver was at work, 19: Other (specify)

[23] [hm_pon_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[24] [hm_pon_care_provider: Who was the birth attendant?](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[25] [hm_pon_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubombongo / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[26] [hm_pon_bsld: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catherine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 70174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 70175: Gunjani Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarhill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[27] [hm_pon_antenatal_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[28] [hm_pon_antenatal_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[29] [hm_pon_antenatal_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubombongo / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[30] [hm_pon_antenatal_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catharine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 70174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 70175: Gunjani Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[31] [hm_pon_dtn_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[32] [hm_pon_dtn_care_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[33] [hm_pon_dtn_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshhe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi Health Region, 50: UNH - Ubombongo / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[34] [hm_pon_dtn_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catharine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 70174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 70175: Gunjani Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[35] [hmr_head_relationship: What is/was the relationship of %rosteritle% to the head of the household on %var_bs_current_visit_string%?](#)

Categories: 7: AFC - Adopted / Foster child, 8: BGF - Boyfriend/Girlfriend, 17: CHD - Son or Daughter, 2: DKN - _don't know, 10: DOM - Domestic Worker, 11: GCH - Grandchild, 12: GPA - Grandparent, 14: OFR - Other (family) Relative, 4: OTH - _other, 16: PLW - Parent-in-law, 15: PRN - Parent, 6: RFS - _refused, 18: SDL - Son or Daughter-in-law, 9: SIB - Brother or Sister, 13: SLF - Head (self), 20: SPS - Wife or Husband, 19: TEN - Tenant

[36] [hmr_highest_grade: What is the highest grade %rosteritle% completed at school?](#)

Categories: 27: NON - _none, 23: LOY - Less than one year, 51: PRE - Pre-school, 10: G01 - Grade 1 or Sub A/Class1, 11: G02 - Grade 2 or Sub B/Class2, 12: G03 - Grade 3 / Standard 1 / ABET1, 13: G04 - Grade 4 / Standard 2, 14: G05 - Grade 5 / Standard 3 / ABET2, 15: G06 - Grade 6 / Standard 4, 16: G07 - Grade 7 / Standard 5 / ABET3, 17: G08 - Grade 8 / Standard 6, 18: G09 - Grade 9 / Standard 7 / ABET4, 19: G10 - Grade 10 / Standard 8, 20: G11 - Grade 11 / Standard 9, 21: G12 - Grade 12 / Standard 10, 9: DKN - _don't know, 31: RFS - _refused

[37] [hmr_current_education_level: Is %rosteritle% currently attending an educational institution?](#)

Categories: 50: CRC - Creche, 51: PRE - Pre-school, 10: G01 - Grade 1 or Sub A/Class1, 11: G02 - Grade 2 or Sub B/Class2, 12: G03 - Grade 3 / Standard 1, 13: G04 - Grade 4 / Standard 2, 14: G05 - Grade 5 / Standard 3, 15: G06 - Grade 6 / Standard 4, 16: G07 - Grade 7 / Standard 5, 17: G08 - Grade 8 / Standard 6, 18: G09 - Grade 9 / Standard 7, 19: G10 - Grade 10 / Standard 8, 20: G11 - Grade 11 / Standard 9, 21: G12 - Grade 12 / Standard 10, 42: A01 - ABET1, 43: A02 - ABET2, 44: A03 - ABET3, 45: A04 - ABET4, 46: N01 - NQF1, 47: N02 - NQF2, 48: N03 - NQF3, 49: N04 - NQF4, 52: N05 - NQF5, 53: N06 - NQF6, 1: BAC - Bachelor's Degree (University), 22: HON - Honours degree, 54: MAD - Master's degree, 55: DOC - Doctoral Degree - PhD, 27: NON - _none

[38] [hmr_marital_state: What is/was the marital state of %rosteritle% on %var_bs_current_visit_string%?](#)

Categories: 13: CNM - Currently not married (not further specified), 1: DFT - _default, 14: DIV - Divorced, 3: DKN - _don't know, 15: MAR - Married (not further specified), 10: MCM - Civil Marriage (monogamous), 4: MIS - _missing, 17: MNG - Monogamous Marriage, 22: MTM - Traditional Marriage (monogamous), 5: NAD - _non applicable, 18: NBM - Never been married (not further specified), 19: NNE - Never been married and

ot engaged, 20:NVE - Never been married, but engaged, 6:OTH - _other, 11:PCM - Civil Marriage (polygamous), 21:PLG - Polygamous Marriage, 23:PTM - Traditional Marriage (polygamous), 7:QRY - _query, 8:RFS - _refused, 12:SCM - Civil Marriage (separated), 16:SEP - Married, but separated, 25:STM - Traditional Marriage (separated), 26:WID - Widowed

[39] [hmr_responsible_relationship: Relationship to the child?](#)

Categories: 1:CGB - Brother, 3:CGF - Father, 12:CGM - Mother, 18:CGS - Sister, 2:DOM - Domestic Worker, 4:FMR - Female maternal relative, 5:FPR - Female paternal relative, 8:MAU - Maternal aunt, 9:MGF - Maternal grandfather, 10:MGM - Maternal grandmother, 6:MMR - Male maternal relative, 7:MPR - Male paternal relative, 11:MUN - Maternal uncle, 97:NAD - _not_applicable, 96:OTH - Other, 13:PAU - Paternal aunt, 14:PGF - Paternal grandfather, 15:PGM - Paternal grandmother, 16:PUN - Paternal uncle, 93:RFS - _refused, 17:SLF - Self

[40] [hmr_responsible_fees_rel: Relationship to the child?](#)

Categories: 1:CGB - Brother, 3:CGF - Father, 12:CGM - Mother, 18:CGS - Sister, 2:DOM - Domestic Worker, 4:FMR - Female maternal relative, 5:FPR - Female paternal relative, 8:MAU - Maternal aunt, 9:MGF - Maternal grandfather, 10:MGM - Maternal grandmother, 6:MMR - Male maternal relative, 7:MPR - Male paternal relative, 11:MUN - Maternal uncle, 97:NAD - _not_applicable, 96:OTH - Other, 13:PAU - Paternal aunt, 14:PGF - Paternal grandfather, 15:PGM - Paternal grandmother, 16:PUN - Paternal uncle, 93:RFS - _refused, 17:SLF - Self

[41] [hhr_mgn_code: What was the main reason this household migrated?](#)

Categories: 1:ABS - To look after a Bounded Structure, 2:ACB - Built or bought house, 3:ACH - Household formation, 4:ACM - Accommodation, 5:ACR - Changed rented accommodation, 6:CAR - Caring, 7:CCD - To be cared for, 8:CCF - Was caring for someone, 9:CCS - To care for someone, 10:DFT - Default, 11:DKN - Dont Know or No Reason given, 12:ECJ - Changed jobs, 13:EDU - Education, 14:EFS - Finished School, 15:ELD - Left employment as a domestic worker, 16:ELE - Left Employment, 17:ELS - Left School, 18:EPT - Employment, 19:EPW - To be near place of work, 20:ESC - Schooling, 21:ESR - Searching, 22:ETR - Transfer, 23:HLA - Health, 24:HPR - Prevention, 25:HSK - Sickness, 26:HWL - Well, 27:MCP - To be close to a spouse or a partner, 28:MCR - Marriage or conjugal relationships, 29:MSC - Start of new marriage or conjugal partnership, 30:MSP - Split, 31:NAD - Not Applicable, 32:OTH - Other, 33:PCD - Came to destination for delivery, 34:PGC - Pregnancy, 35:PRR - Return to usual place after of residence delivery, 36:THL - Traditional Healing, 37:VDD - Domestic violence or disagreement, 38:VFF - Faction fights, 39:VIO - Violence or conflict, 40:VPC - Perpetrator of crime, 41:VPR - Prison, 42:VVC - Victim or fear of crime

[42] [hhr_mgn_location: Location of previous place of residence](#)

Categories: 48:AFR - Sub-Saharan Africa (elsewhere), 8:BOT - Botswana, 11:DBN - Durban Health Region, 10:DKD - Dukuduku Forest, 3:DKN - _don't know, 9:DSA - Demographic Surveillance Area, 12:ECP - Eastern Cape, 13:ELS - Elsewhere, 14:EMP - Empangeni Area, 15:ENH - Eshowe / Nkandla Health District, 16:FRG - Foreign Country, 17:FST - Free State, 18:GAU - Gauteng, 20:HLD - Hlabisa District(outside MTA), 19:HLE - Hlabisa District (elsewhere), 22:HLH - Hluhluwe, 21:HLT - Hlabisa Tribal Area, 23:JER - Jozini / Empangeni Region (elsewhere), 24:KZN - KwaZulu-Natal (elsewhere), 25:LDS - Ladysmith Health Region, 26:LES - Lesotho, 27:LUF - Lower Umfolozi (elsewhere), 28:MDL - Mdletshe Tribal Area, 30:MPB - Mpembeni Tribal Area, 32:MPU - Mpumalanga, 31:MTA - Mpukunyoni Tribal Area (not further specified), 34:MTB - Mtubatuba, 33:MTU - Mtuba vicinity, 29:MZB - Mozambique, 5:NAD - _non applicable, 36:NCS - Newcastle Health Region, 38:NGM - Nongoma Area, 37:NGT - Ngotshe Area, 35:NMB - Namibia, 40:NOS - Northern Sector, 39:NWS - North-West RSA, 41:OTH - Outside Sub-Saharan Africa, 44:PKR - Port Shepstone / Kokstad Health Region, 42:PMB - Pietermaritzburg Health Region, 43:PON - Pongola Area, 46:RBA - Richards Bay Area, 7:RFS - _refused, 45:RSA - Republic South Africa (elsewhere), 47:SLU - St. Lucia, 49:SWZ - Swaziland, 51:ULN - Ulundi HealthRegion, 50:UNH - Ubombono / Ngwavuma Health District, 52:WCP - Western Cape, 53:ZIM - Zimbabwe

[43] [hhr_multi_mgn_code: What was the main reason this individual migrated?](#)

Categories: 1:ABS - To look after a Bounded Structure, 2:ACB - Built or bought house, 3:ACH - Household formation, 4:ACM - Accommodation, 5:ACR - Changed rented accommodation, 6:CAR - Caring, 7:CCD - To be cared for, 8:CCF - Was caring for someone, 9:CCS - To care for someone, 10:DFT - Default, 11:DKN - Dont Know or No Reason given, 12:ECJ - Changed jobs, 13:EDU - Education, 14:EFS - Finished School, 15:ELD - Left employment as a domestic worker, 16:ELE - Left Employment, 17:ELS - Left School, 18:EPT - Employment, 19:EPW - To be near place of work, 20:ESC - Schooling, 21:ESR - Searching, 22:ETR - Transfer, 23:HLA - Health, 24:HPR - Prevention, 25:HSK - Sickness, 26:HWL - Well, 27:MCP - To be close to a spouse or a partner, 28:MCR - Marriage or conjugal relationships, 29:MSC - Start of new marriage or conjugal partnership, 30:MSP - Split, 31:NAD - Not Applicable, 32:OTH - Other, 33:PCD - Came to destination for delivery, 34:PGC - Pregnancy, 35:PRR - Return to usual place after of residence delivery, 36:THL - Traditional Healing, 37:VDD - Domestic violence or disagreement, 38:VFF - Faction fights, 39:VIO - Violence or conflict, 40:VPC - Perpetrator of crime, 41:VPR - Prison, 42:VVC - Victim or fear of crime

[44] [hhr_multi_mgn_location: Location of previous place of residence](#)

Categories: 48:AFR - Sub-Saharan Africa (elsewhere), 8:BOT - Botswana, 11:DBN - Durban Health Region, 10:DKD - Dukuduku Forest, 3:DKN - _don't know, 9:DSA - Demographic Surveillance Area, 12:ECP - Eastern Cape, 13:ELS - Elsewhere, 14:EMP - Empangeni Area, 15:ENH - Eshowe / Nkandla Health District, 16:FRG - Foreign Country, 17:FST - Free State, 18:GAU - Gauteng, 20:HLD - Hlabisa District(outside MTA), 19:HLE - Hlabisa District (elsewhere), 22:HLH - Hluhluwe, 21:HLT - Hlabisa Tribal Area, 23:JER - Jozini / Empangeni Region (elsewhere), 24:KZN - KwaZulu-Natal (elsewhere), 25:LDS - Ladysmith Health Region, 26:LES - Lesotho, 27:LUF - Lower Umfolozi (elsewhere), 28:MDL - Mdletshe Tribal Area, 30:MPB - Mpembeni Tribal Area, 32:MPU - Mpumalanga, 31:MTA - Mpukunyoni Tribal Area (not further specified), 34:MTB - Mtubatuba, 33:MTU - Mtuba vicinity, 29:MZB - Mozambique, 5:NAD - _non applicable, 36:NCS - Newcastle Health Region, 38:NGM - Nongoma Area, 37:NGT - Ngotshe Area, 35:NMB - Namibia, 40:NOS - Northern Sector, 39:NWS - North-West RSA, 41:OTH - Outside Sub-Saharan Africa, 44:PKR - Port Shepstone / Kokstad Health Region, 42:PMB - Pietermaritzburg Health Region, 43:PON - Pongola Area, 46:RBA - Richards Bay Area, 7:RFS - _refused, 45:RSA - Republic South Africa (elsewhere), 47:SLU - St. Lucia, 49:SWZ - Swaziland, 51:ULN - Ulundi HealthRegion, 50:UNH - Ubombono / Ngwavuma Health District, 52:WCP - Western Cape, 53:ZIM - Zimbabwe

[45] [hmr_dtn_setting: Setting](#)

Categories: 7:ACC - Africa Centre Counselling Centre, 2:DKN - _don't know, 8:FCL - Fixed Clinic (not further specified), 9:GFC - Governmental (public) Fixed Clinic, 10:GHP - Governmental (public) Hospital, 11:GPS - Governmental (public) Primary School, 12:GSS - Governmental (public) Secondary School, 14:HOP - Hospital (not further specified), 15:MCL - Mobile Clinic, 4:NAD - _non applicable, 16:OEF - Other Educational Facility, 18:OHM - Own Home, 17:OHS - Other Homestead, 5:OTH - _other, 20:PCL - Private Clinic, 21:PHP - Private Hospital, 22:PPS - Private Primary School, 19:PSL - Primary School (not further specified), 23:PSS - Private Secondary School, 13:SRG - GP Surgery, 24:SSL - Secondary School (not further specified), 25:TEI - Tertiary Educational Institution, 26:THP - Traditional Healer's Place, 27:WRK - Working Place

[46] [hmr_dtn_care_provider: Care Provider](#)

Categories: 10:CHW - Community Health Worker, 11:COU - Counsellor, 3:DKN - _don't know, 12:FAM - Family Member, 13:GPR - General Practitioner, 14:MDT - Medical Doctor, 15:MED - Medical Professional, 5:NAD - _non applicable, 16:NBR - Neighbour, 6:NON - _none, 17:NRS - Nurse / Midwife, 18:OHP - Other Health Professional, 7:OTH - _other, 9:RFS - _refused, 19:SLF - Self, 20:SMD - Specialised Medical Doctor, 21:T

[47] [hmr_dtn_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[48] [hmr_dtn_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catherine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 710174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 710175: Gunjani Clinic, 70000: Hlabisa Hospital, 710176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 710177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 70179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[49] [hmr_mgn_code: What was the main reason this individual migrated?](#)

Categories: 1: ABS - To look after a Bounded Structure, 2: ACB - Built or bought house, 3: ACH - Household formation, 4: ACM - Accommodation, 5: ACR - Changed rented accommodation, 6: CAR - Caring, 7: CCD - To be cared for, 8: CCF - Was caring for someone, 9: CCS - To care for someone, 10: DFT - Default, 11: DKN - Dont Know or No Reason given, 12: ECJ - Changed jobs, 13: EDU - Education, 14: EFS - Finished School, 15: ELD - Left employment as a domestic worker, 16: ELE - Left Employment, 17: ELS - Left School, 18: EPT - Employment, 19: EPW - To be near place of work, 20: ESC - Schooling, 21: ESR - Searching, 22: ETR - Transfer, 23: HLA - Health, 24: HPR - Prevention, 25: HSK - Sickness, 26: HWL - Well, 27: MCP - To be close to a spouse or a partner, 28: MCR - Marriage or conjugal relationships, 29: MSC - Start of new marriage or conjugal partnership, 30: MSP - Split, 31: NAD - Not Applicable, 32: OTH - Other, 33: PCD - Came to destination for delivery, 34: PGC - Pregnancy, 35: PRR - Return to usual place after of residence delivery, 36: THL - Traditional Healing, 37: VDD - Domestic violence or disagreement, 38: VFF - Faction fights, 39: VIO - Violence or conflict, 40: VPC - Perpetrator of crime, 41: VPR - Prison, 42: VVC - Victim or fear of crime

[50] [hmr_mgn_location: Location of previous place of residence](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[51] [hmr_pon_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[52] [hmr_pon_care_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[53] [hmr_pon_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpebeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[54] [hmr_pon_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catharine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 710174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 710175: Gunjani Clinic, 70000: Hlabisa Hospital, 710176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 710177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 710179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 710180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 710181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 710182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 710183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 710184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 710185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[55] [hmr_pon_antenatal_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[56] [hmr_pon_antenatal_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[57] [hmr_pon_antenatal_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Port Shepstone / Kokstad Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi Health Region, 50: UNH - Ubomboni / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[58] [hmr_pon_antenatal_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catharine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekombe Hospital, 71014: Ekuphumuleni Hospital, 71003: Empangeni Garden Clinic, 71012: Eshowe Hospital, 710174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 710175: Gunjani Clinic, 70000: Hlabisa Hospital, 710176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 710177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 710179: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 710180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwana Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 710181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 710182: Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 710183: Ntondweni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 710184: Somkhele Clinic, 71025: Stanger Hospital, 71023: Wentworth Hospital, 710185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[59] [hmr_pon_dtn_setting: Setting](#)

Categories: 7: ACC - Africa Centre Counselling Centre, 2: DKN - _don't know, 8: FCL - Fixed Clinic (not further specified), 9: GFC - Governmental (public) Fixed Clinic, 10: GHP - Governmental (public) Hospital, 11: GPS - Governmental (public) Primary School, 12: GSS - Governmental (public) Secondary School, 14: HOP - Hospital (not further specified), 15: MCL - Mobile Clinic, 4: NAD - _non applicable, 16: OEF - Other Educational Facility, 18: OHM - Own Home, 17: OHS - Other Homestead, 5: OTH - _other, 20: PCL - Private Clinic, 21: PHP - Private Hospital, 22: PPS - Private Primary School, 19: PSL - Primary School (not further specified), 23: PSS - Private Secondary School, 13: SRG - GP Surgery, 24: SSL - Secondary School (not further specified), 25: TEI - Tertiary Educational Institution, 26: THP - Traditional Healer's Place, 27: WRK - Working Place

[60] [hmr_pon_dtn_care_provider: Care Provider](#)

Categories: 10: CHW - Community Health Worker, 11: COU - Counsellor, 3: DKN - _don't know, 12: FAM - Family Member, 13: GPR - General Practitioner, 14: MDT - Medical Doctor, 15: MED - Medical Professional, 5: NAD - _non applicable, 16: NBR - Neighbour, 6: NON - _none, 17: NRS - Nurse / Midwife, 18: OHP - Other Health Professional, 7: OTH - _other, 9: RFS - _refused, 19: SLF - Self, 20: SMD - Specialised Medical Doctor, 21: THL - Traditional Healer

[61] [hmr_pon_dtn_location: Location](#)

Categories: 48: AFR - Sub-Saharan Africa (elsewhere), 8: BOT - Botswana, 11: DBN - Durban Health Region, 10: DKD - Dukuduku Forest, 3: DKN - _don't know, 9: DSA - Demographic Surveillance Area, 12: ECP - Eastern Cape, 13: ELS - Elsewhere, 14: EMP - Empangeni Area, 15: ENH - Eshowe / Nkandla Health District, 16: FRG - Foreign Country, 17: FST - Free State, 18: GAU - Gauteng, 20: HLD - Hlabisa District(outside MTA), 19: HLE - Hlabisa District (elsewhere), 22: HLH - Hluhluwe, 21: HLT - Hlabisa Tribal Area, 23: JER - Jozini / Empangeni Region (elsewhere), 24: KZN - KwaZulu-Natal (elsewhere), 25: LDS - Ladysmith Health Region, 26: LES - Lesotho, 27: LUF - Lower Umfolozi (elsewhere), 28: MDL - Mdletshe Tribal Area, 30: MPB - Mpembeni Tribal Area, 32: MPU - Mpumalanga, 31: MTA - Mpukunyoni Tribal Area (not further specified), 34: MTB - Mtubatuba, 33: MTU - Mtuba vicinity, 29: MZB - Mozambique, 5: NAD - _non applicable, 36: NCS - Newcastle Health Region, 38: NGM - Nongoma Area, 37: NGT - Ngotshe Area, 35: NMB - Namibia, 40: NOS - Northern Sector, 39: NWS - North-West RSA, 41: OTH - Outside Sub-Saharan Africa, 44: PKR - Po

rt Shepstone / Kokstadt Health Region, 42: PMB - Pietermaritzburg Health Region, 43: PON - Pongola Area, 46: RBA - Richards Bay Area, 7: RFS - _refused, 45: RSA - Republic South Africa (elsewhere), 47: SLU - St. Lucia, 49: SWZ - Swaziland, 51: ULN - Ulundi HealthRegion, 50: UNH - Ubomb o / Ngwavuma Health District, 52: WCP - Western Cape, 53: ZIM - Zimbabwe

[62] [hmr_pon_dtn_bsid: BSID](#)

Categories: 71018: Addington Hospital, 71002: Bay Hospital Richards Bay, 71033: Benedictine Hospital, 71009: Bethesda Hospital, 71011: Catherine Booth Hospital, 71019: Clairwood Hospital, 71028: Edendale Hospital, 71015: Ekome Hospital, 71014: Ekuphumleni Hospital, 71003: E mpanjeni Garden Clinic, 71012: Eshowe Hospital, 710174: Esiyembeni Clinic, 71032: G.J. Crookes Hospital, 71029: Grey's Hospital, 70175: Gunjana neni Clinic, 70000: Hlabisa Hospital, 70176: Hluhluwe Clinic, 71034: Illovo Sugarmill Clinic, 71020: King Edward VIII Hospital, 71021: King George V Hospital, 70177: Kwamsane Clinic, 71026: Ladysmith Hospital, 71004: Lower Umfolozi War Memorial Hospital, 71005: Luwamba Clinic, 7017 9: Machibini Clinic, 71027: Madadeni Hospital, 65567: Madwaleni Clinic, 70180: Makhowe Clinic, 71007: Manguzi Hospital, 71013: Mbongolwan a Hospital, 71022: McCords Hospital, 71035: Monzi Clinic, 71008: Mosvold Hospital, 70181: Mpukunyoni Clinic, 71010: Mseleni Hospital, 70182 : Mtubatuba Clinic, 71006: Ngwelezana Hospital, 71016: Nkandla Hospital, 40872: Nkundusi Clinic, 71030: Northdale Hospital, 70183: Ntondwe ni Clinic, 71031: Port Shepstone Hospital, 71024: Prince Mshiyeni Hospital, 71017: R.K. Khan Hospital, 70184: Somkhele Clinic, 71025: Stanger H ospital, 71023: Wentworth Hospital, 70185: Zwelisha Clinic, 99997: Non applicable, 99998: Don't know, 99999: Other

[63] [hse_hh_items: Does the household have any of the following items in good working order?](#)

Categories: 1: Television, 2: Swimming pool, 3: Video recorder/DVD player, 4: Pay TV (M-Net/DSTV/ Top TV) Subscription, 5: Air conditioner (e xcluding fans), 6: Computer/Desktop/ laptop, 7: Vacuum cleaner/ floor polisher, 8: Dish washing machine, 9: Tumble dryer, 10: Fridge or freezer , 11: Electric stove with oven, 12: Microwave Oven, 13: Kitchen sink, 14: Home security service, 15: Radio/stereo, 16: Geysers (providing hot wate r), 17: Telephone, 18: Cellphone, 19: Cattle, 20: Car or bakkie, 21: Other livestock (chickens etc), 22: Primus Cooker, Sikeni, 23: Electric hot plate, 24: Gas cooker, 25: Electric kettle, 26: Sewing machine, 27: Block maker, 28: Motorcycle or scooter, 29: Bicycle, 30: Kombi, lorry or tractor, 31: Bed, 32: Table and chairs, 33: Sofa or sofa set, 34: Car battery for electricity, 35: Wheelbarrow, 36: Hoe, spade or garden fork, 37: Bed nets

[64] [hse_current_highest_grade: What is the highest grade %rosteritle% completed at school? %hse_highest_grade%](#)

Categories: 27: NON - _none, 23: LOY - Less than one year, 51: PRE - Pre-school, 10: G01 - Grade 1 or Sub A/Class1, 11: G02 - Grade 2 or Sub B/ Class2, 12: G03 - Grade 3 / Standard 1 / ABET1, 13: G04 - Grade 4 / Standard 2, 14: G05 - Grade 5 / Standard 3 / ABET2, 15: G06 - Grade 6 / Stan dard 4, 16: G07 - Grade 7 / Standard 5 / ABET3, 17: G08 - Grade 8 / Standard 6, 18: G09 - Grade 9 / Standard 7 / ABET4, 19: G10 - Grade 10 / Sta ndard 8, 20: G11 - Grade 11 / Standard 9, 21: G12 - Grade 12 / Standard 10, 9: DKN - _don't know, 31: RFS - _refused

[65] [hse_current_education_level: Is %rosteritle% currently attending an educational institution? %hse_education_level%](#)

Categories: 50: CRC - Creche, 51: PRE - Pre-school, 10: G01 - Grade 1 or Sub A/Class1, 11: G02 - Grade 2 or Sub B/Class2, 12: G03 - Grade 3 / St andard 1, 13: G04 - Grade 4 / Standard 2, 14: G05 - Grade 5 / Standard 3, 15: G06 - Grade 6 / Standard 4, 16: G07 - Grade 7 / Standard 5, 17: G0 8 - Grade 8 / Standard 6, 18: G09 - Grade 9 / Standard 7, 19: G10 - Grade 10 / Standard 8, 20: G11 - Grade 11 / Standard 9, 21: G12 - Grade 12 / Standard 10, 42: A01 - ABET1, 43: A02 - ABET2, 44: A03 - ABET3, 45: A04 - ABET4, 46: N01 - NQF1, 47: N02 - NQF2, 48: N03 - NQF3, 49: N04 - N QF4, 52: N05 - NQF5, 53: N06 - NQF6, 1: BAC - Bachelor's Degree (University), 22: HON - Honours degree, 54: MAD - Master's degree, 55: DOC - Doctoral Degree - PhD, 27: NON - _none

[66] [hse_current_religion: Which religion does %rosteritle% follow? %hse_religion%](#)

Categories: 1: AEC - African Evangelic Church, 2: AEV - African Evangelic Church, 3: AHM - Apostolic Holy Messenger, 4: ANG - Anglican, 5: AOG - Assembles of god, 6: APT - Apostolic Twelve, 7: BAP - Baptists, 8: BUD - Buddhist, 9: CAT - Catholic, 10: CHR - Christian, 11: COC - Church of Ch rist, 12: DEP - _deprecated, 13: DFT - _default, 14: DKN - _don't know, 15: DRF - Dutch reformed, 16: EMM - Emmanuel of God, 17: ETH - Ethiopia n Church, 18: FGO - Full gospel church of god, 19: FMI - Faith mission, 20: GAP - Galilee Apostolic Church, 21: GSC - Church of god and saints of c hrist, 22: HIN - Hindu, 23: HOB - Holy Burner, 24: HUN - Holyness union church, 25: JEW - Jewish, 26: JHV - Jehovah's witness, 27: LUT - Lutheran, 28: MET - Methodist, 29: MIS - _missing, 30: MSL - Muslim, 31: NAD - _non applicable, 32: NAP - Nkanyezi apostolic church, 33: NAZ - Nazareth, 34: NCC - Non-Christian Church (Muslim,Jewish,Hindu,Buddhist), 35: NON - _none, 36: OCC - Other Christian Church, 37: OCH - Other christian, 38: OTH - _other, 39: OZI - Other Zionist Church, 40: PHO - Pentecostal holiness church, 41: QRY - _query, 42: RFS - _refused, 43: SAL - Salvation army, 44: SDA - Seventh day adventist, 45: SHE - Shembe/Nazareth, 46: SJA - St. John's apostolic, 47: TMZ - Thulani MaZulu, 48: UCC - United co ngregation church, 49: UNV - Universal church of god, 50: ZCC - Zion Christian church, 51: ZCI - Isiqhano, 52: ZCO - Opasheni, 53: ZIA - Zion Afri can church, 54: ZIO - Zionist

[67] [bsrnf_isigodi: Isigodi](#)

Categories: 7: BNZ - Banzaneni, 8: DEP - Deprecated, 1: DFT - _default, 10: DKB - Dukumbane, 9: DKD - Dukuduku, 2: DKN - _don't know, 11: EBS - Ebaswazini, 12: EGH - Egula (Hlabisa), 13: EGM - Egula (Mdletshe), 14: EKP - Ekuphisweni, 15: EPB - Empembeni, 16: ESV - Esiyembeni, 17: GU N - Gunjaneni, 18: HLM - Hlabisa Mission, 19: HMB - Hlambanyathi, 20: INW - Inhlawathi, 21: KLK - Khalokazi, 23: KMI - KwaMsane (Isigodi), 24: KMT - KwaMsane (Township), 25: KSM - KwaMseme, 22: KWH - Kwahoho, 27: MBD - Mabudeni, 26: MBK - Mabhokweni, 30: MCI - Machibini, 29: MCK - Macekeni, 28: MCM - Macambini, 31: MDW - Madondo, 42: MFK - Mfekayi, 43: MGT - Mgangatho, 33: MHJ - Mahunjini, 3: MIS - _missing, 34: MKB - Makhambane, 36: MKP - Makopini, 37: MPL - Mapheleni, 44: MSY - Mshaya, 47: MTB - Mtubatuba, 46: MTD - Mthwadlana, 40: MTE - Matshamnyama-East, 39: MTH - Matshamhlophe, 41: MTW - Matshamnyama-West, 38: MTZ - Mathunzi, 48: MVU - Mvutshini, 32: MWL - Madw aleni, 49: MYE - Myeki, 4: NAD - _non applicable, 50: NBK - Ncwabakazi, 51: NDV - Ndlovu Village, 52: NGD - Ngondini, 55: NKD - Nkundusi, 53: N KL - Nkolokotho, 54: NKM - Nkombose, 35: NKW - Makhowe, 56: NMT - Nomathiya, 57: NPN - Nompondo, 58: NQP - Nqopheni, 59: NSW - Nsolwe ni, 45: NTK - Mthekwini, 60: OGN - Ogengele, 63: OPD - Ophondweni, 61: OPM - Ophaphasi (Mdletshe), 62: OPP - Ophaphasi (Mpukunyoni), 5: OT H - _other, 64: QAK - Qakwini, 65: QNW - Qunwane, 6: QRY - _query, 66: SKS - Shikishela, 68: SLU - St Lucia, 69: STZ - Stezi, 67: SVN - Sovane

[68] [hhrnf_isigodi: Isigodi](#)

Categories: 7: BNZ - Banzaneni, 8: DEP - Deprecated, 1: DFT - _default, 10: DKB - Dukumbane, 9: DKD - Dukuduku, 2: DKN - _don't know, 11: EBS - Ebaswazini, 12: EGH - Egula (Hlabisa), 13: EGM - Egula (Mdletshe), 14: EKP - Ekuphisweni, 15: EPB - Empembeni, 16: ESV - Esiyembeni, 17: GU N - Gunjaneni, 18: HLM - Hlabisa Mission, 19: HMB - Hlambanyathi, 20: INW - Inhlawathi, 21: KLK - Khalokazi, 23: KMI - KwaMsane (Isigodi), 24: KMT - KwaMsane (Township), 25: KSM - KwaMseme, 22: KWH - Kwahoho, 27: MBD - Mabudeni, 26: MBK - Mabhokweni, 30: MCI - Machibini, 29: MCK - Macekeni, 28: MCM - Macambini, 31: MDW - Madondo, 42: MFK - Mfekayi, 43: MGT - Mgangatho, 33: MHJ - Mahunjini, 3: MIS - _missing, 34: MKB - Makhambane, 36: MKP - Makopini, 37: MPL - Mapheleni, 44: MSY - Mshaya, 47: MTB - Mtubatuba, 46: MTD - Mthwadlana, 40: MTE - Matshamnyama-East, 39: MTH - Matshamhlophe, 41: MTW - Matshamnyama-West, 38: MTZ - Mathunzi, 48: MVU - Mvutshini, 32: MWL - Madw aleni, 49: MYE - Myeki, 4: NAD - _non applicable, 50: NBK - Ncwabakazi, 51: NDV - Ndlovu Village, 52: NGD - Ngondini, 55: NKD - Nkundusi, 53: N KL - Nkolokotho, 54: NKM - Nkombose, 35: NKW - Makhowe, 56: NMT - Nomathiya, 57: NPN - Nompondo, 58: NQP - Nqopheni, 59: NSW - Nsolwe ni, 45: NTK - Mthekwini, 60: OGN - Ogengele, 63: OPD - Ophondweni, 61: OPM - Ophaphasi (Mdletshe), 62: OPP - Ophaphasi (Mpukunyoni), 5: OT H - _other, 64: QAK - Qakwini, 65: QNW - Qunwane, 6: QRY - _query, 66: SKS - Shikishela, 68: SLU - St Lucia, 69: STZ - Stezi, 67: SVN - Sovane

APPENDIX D — VARIABLES

- [1] **var_bs_type_option_code:**
bs_type_code == "BAR" ? 1 : bs_type_code == "CHU" ? 2 : bs_type_code == "FCL" ? 3 : bs_type_code == "HMS" ? 4 : bs_type_code == "PSL" ? 5 : bs_type_code == "SHP" ? 6 : bs_type_code == "SSL" ? 7 : bs_type_code == "WKS" ? 8 : bs_type_code == "HOP" ? 9 : 0
- [2] **multi_mgn_string:**
multi_mig_residency_direction == 1 ? (multi_mig_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (multi_mig_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")) : (multi_mig_residency_direction == 2 ? (multi_mig_surveillance_area == 1 ? "INTERNAL-OUT MIGRATION" : (multi_mig_surveillance_area == 2 ? "EXTERNAL-OUT MIGRATION" : "")) : "")
- [3] **cid_odd:**
Convert.ToInt32(hm_current_civil_id.Substring(0, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(2, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(4, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(6, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(8, 1)) + Convert.ToInt32(hm_current_civil_id.Substring(10, 1))
- [4] **cid_even_str:**
(Convert.ToInt32(hm_current_civil_id.Substring(1, 1)) + hm_current_civil_id.Substring(3, 1) + hm_current_civil_id.Substring(5, 1) + hm_current_civil_id.Substring(7, 1) + hm_current_civil_id.Substring(9, 1) + hm_current_civil_id.Substring(11, 1)) * 2).ToString()
- [5] **cid_even_int:**
(cid_even_str.Length == 2 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1))) : cid_even_str.Length == 3 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1))) : cid_even_str.Length == 4 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1)) + Convert.ToInt32(cid_even_str.Substring(3, 1))) : cid_even_str.Length == 5 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1)) + Convert.ToInt32(cid_even_str.Substring(3, 1)) + Convert.ToInt32(cid_even_str.Substring(4, 1))) : cid_even_str.Length == 6 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1)) + Convert.ToInt32(cid_even_str.Substring(3, 1)) + Convert.ToInt32(cid_even_str.Substring(4, 1)) + Convert.ToInt32(cid_even_str.Substring(5, 1))) : cid_even_str.Length == 7 ? (Convert.ToInt32(cid_even_str.Substring(0, 1)) + Convert.ToInt32(cid_even_str.Substring(1, 1)) + Convert.ToInt32(cid_even_str.Substring(2, 1)) + Convert.ToInt32(cid_even_str.Substring(3, 1)) + Convert.ToInt32(cid_even_str.Substring(4, 1)) + Convert.ToInt32(cid_even_str.Substring(5, 1)) + Convert.ToInt32(cid_even_str.Substring(6, 1))) : Convert.ToInt32(cid_even_str))
- [6] **var_age_full:**
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() && hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hm_current_civil_id_dob), current_visit) : 0) : !string.IsNullOrEmpty(hm_civil_id_dob) ? (hm_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hm_civil_id_dob.Substring(5, 2).IsIntegerNumber() && hm_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hm_civil_id_dob), current_visit) : 0) : 0;
- [7] **var_age_month:**
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hm_current_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4)))) : 0) : !string.IsNullOrEmpty(hm_civil_id_dob) ? (hm_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hm_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hm_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hm_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hm_civil_id_dob.Substring(0, 4)))) : 0) : 0;
- [8] **var_age_year:**
!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? (current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4))) : 0) : !string.IsNullOrEmpty(hm_civil_id_dob) ? (hm_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? (current_visit.Value.Year - Int32.Parse(hm_civil_id_dob.Substring(0, 4))) : 0) : 0;
- [9] **var_mem_age:**
var_age_full > 0 ? var_age_full : var_age_month > 0 ? var_age_month : var_age_year > 0 ? var_age_year : var_age_0 > 0 ? var_age_0 : 0;
/*!string.IsNullOrEmpty(hm_current_civil_id_dob) ? (hm_current_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() && hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hm_current_civil_id_dob), current_visit) : (hm_current_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hm_current_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hm_current_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hm_current_civil_id_dob.Substring(0, 4)))) : 0) : !string.IsNullOrEmpty(hm_civil_id_dob) ? (hm_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hm_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hm_civil_id_dob), current_visit) : (hm_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hm_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hm_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hm_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hm_civil_id_dob.Substring(0, 4)))) : 0) : 0) : 0*/
- [10] **var_mem_age_str:**
(!string.IsNullOrEmpty(hm_current_civil_id_dob) && !string.IsNullOrWhiteSpace(hm_current_civil_id_dob)) || var_mem_age >= 0 ? "Age: " + var_mem_age.ToString() : (!string.IsNullOrEmpty(hm_civil_id_dob) && !string.IsNullOrWhiteSpace(hm_civil_id_dob)) || var_mem_age >= 0 ? "Age: " + var_mem_age.ToString() : "PLEASE CAPTURE THE DATE OF BIRTH."
- [11] **var_ind_incl_hh_mig:**
(hhu_still_resident == 2 && hhu_end_type == 2 && hm_current_mem_resident == 1 && hm_residency_changed == 2 && hm_surveillance_area == 1 && hhu_selected_mem_mig.Count(x=>x[1]==@rowcode)>0) || (hhu_still_resident == 2 && hhu_end_type == 3 && hm_current_mem_resident == 1 && hm_residency_changed == 2 && hm_surveillance_area == 2 && hhu_selected_mem_mig.Count(x=>x[1]==@rowcode)>0)
- [12] **hm_mgn_string:**
hm_residency_changed == 1 ? (hm_surveillance_area == 1 ? "INTERNAL-IN MIGRATION" : (hm_surveillance_area == 2 ? "EXTERNAL-IN MIGRATION" : "")) : (hm_residency_changed == 2 ? (hm_surveillance_area == 1 ? "INTERNAL-OUT MIGRATION" : (hm_surveillance_area == 2 ?

"EXTERNAL-OUT MIGRATION" : "")) : ""))

[13] **var_vaccination_period:**

@rowcode < 3 ? "At birth" : @rowcode < 7 ? "At 6 weeks" : //<8 @rowcode < 8 ? "At 10 weeks" : //<10 @rowcode < 11 ? "At 14 weeks" : //14 @rowcode < 12 ? "At 6 months" : //15 @rowcode < 13 ? "At 9 months" : //16 @rowcode < 14 ? "At 12 months" : //17 @rowcode < 15 ? "At 18 months" : //18 @rowcode < 16 ? "At 6 years" : //19 @rowcode < 18 ? "Others" : "" //21

[14] **hmr_cid_odd:**

Convert.ToInt32(hmr_civil_id.Substring(0, 1)) + Convert.ToInt32(hmr_civil_id.Substring(2, 1)) + Convert.ToInt32(hmr_civil_id.Substring(4, 1)) + Convert.ToInt32(hmr_civil_id.Substring(6, 1)) + Convert.ToInt32(hmr_civil_id.Substring(8, 1)) + Convert.ToInt32(hmr_civil_id.Substring(10, 1))

[15] **hmr_cid_even_str:**

(Convert.ToInt32(hmr_civil_id.Substring(1, 1) + hmr_civil_id.Substring(3, 1) + hmr_civil_id.Substring(5, 1) + hmr_civil_id.Substring(7, 1) + hmr_civil_id.Substring(9, 1) + hmr_civil_id.Substring(11, 1)) * 2).ToString()

[16] **hmr_cid_even_int:**

(hmr_cid_even_str.Length == 2 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1))) : hmr_cid_even_str.Length == 3 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 1))) : hmr_cid_even_str.Length == 4 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(3, 1))) : hmr_cid_even_str.Length == 5 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(3, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(4, 1))) : hmr_cid_even_str.Length == 6 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(3, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(4, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(5, 1))) : hmr_cid_even_str.Length == 7 ? (Convert.ToInt32(hmr_cid_even_str.Substring(0, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(1, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(2, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(3, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(4, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(5, 1)) + Convert.ToInt32(hmr_cid_even_str.Substring(6, 1))) : Convert.ToInt32(hmr_cid_even_str))

[17] **var_reg_age_full:**

!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber()) && hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hmr_civil_id_dob), current_visit) : 0) : 0;

[18] **var_reg_age_month:**

!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hmr_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4)))) : 0) : 0;

[19] **var_reg_mem_age:**

var_reg_age_full > 0 ? var_reg_age_full : var_reg_age_month > 0 ? var_reg_age_month : var_reg_age_year > 0 ? var_reg_age_year : 0; /*!string.IsNullOrEmpty(hmr_civil_id_dob) ? (hmr_civil_id_dob.Substring(8, 2).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() && hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? FullYearsBetween(Convert.ToDateTime(hmr_civil_id_dob), current_visit) : (hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() && hmr_civil_id_dob.Substring(5, 2).IsIntegerNumber() ? (Int32.Parse(hmr_civil_id_dob.Substring(5, 2)) >= Int32.Parse(current_visit.Value.Date.ToString("yyyy-MM-dd").Substring(5, 2)) ? ((current_visit.Value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4))) - 1) : (current_visit.Value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4)))) : (hmr_civil_id_dob.Substring(0, 4).IsIntegerNumber() ? (current_visit.Value.Year - Int32.Parse(hmr_civil_id_dob.Substring(0, 4))) : 0)) : 0*/

[20] **var_ind_incl_hhr_mig:**

hhr_origin == 2 && ((hhr_all_migrated == 2 && hmr_residency_changed == 1 && hmr_surveillance_area == 1 && hhr_selected_mem_mig.Count(x=>x[1]==@rowcode)>0) || hhr_all_migrated == 1) || hhr_origin == 3 && ((hhr_all_migrated == 2 && hmr_residency_changed == 1 && hmr_surveillance_area == 2 && hhr_selected_mem_mig.Count(x=>x[1]==@rowcode)>0) || hhr_all_migrated == 1)

[21] **hse_grant_variable:**

hse_grant_code == "CAR" ? 11 : hse_grant_code == "CHS" ? 1 : hse_grant_code == "DIS" ? 9 : hse_grant_code == "FOC" ? 4 : hse_grant_code == "GIA" ? 12 : hse_grant_code == "NON" ? 6 : hse_grant_code == "OAP" ? 7 : hse_grant_code == "WAR" ? 10 : hse_grant_code == "SRD" ? 13 : 5

APPENDIX E — CATEGORIES FILTERS

[1] **bs_types:** Select all the new or additional types

```
((bs_type_list_roster.Any(x => x.var_bs_type_option_code == 1) ? @optioncode != 1 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 2) ? @optioncode != 2 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 3) ? @optioncode != 3 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 4) ? @optioncode != 4 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 5) ? @optioncode != 5 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 6) ? @optioncode != 6 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 7) ? @optioncode != 7 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 8) ? @optioncode != 8 : @optioncode != 0) && (bs_type_list_roster.Any(x => x.var_bs_type_option_code == 9) ? @optioncode != 9 : @optioncode != 0))
```

[2] **selected_mem_join_hh:** Please select the members who joined an existing household at this BS?

```
(hhu_end_type == 2 || hhu_end_type == 3) ? (mem_multi_migration == 1 ? (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode) && !sel_mem_multi_mig.Any(p => p[1] == @rowcode)) : (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode))) : (mem_multi_migration == 1 ? (!sel_mem_multi_mig.Any(p=>p[1]==@rowcode)) : true)
```

[3] **selected_mem_form_hh:** Please select the members who formed a new household at this BS?

```
(hhu_end_type == 2 || hhu_end_type == 3) ? (mem_multi_migration == 1 && mem_join_household == 1 ? (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode) && !sel_mem_multi_mig.Any(p => p[1] == @rowcode)) : (mem_multi_migration == 1 ? (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode) && !sel_mem_multi_mig.Any(p => p[1] == @rowcode)) : (mem_join_household == 1 ? (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode) && !selected_mem_join_hh.Any(p => p[1] == @rowcode)) : (!hhu_selected_mem_mig.Any(p => p[1] == @rowcode)))) : (mem_multi_migration == 1 && mem_join_household == 1 ? (!sel_mem_multi_mig.Any(p=>p[1]==@rowcode) && !selected_mem_join_hh.Any(p => p[1] == @rowcode)) : (mem_multi_migration == 1 ? (!sel_mem_multi_mig.Any(p=>p[1]==@rowcode)) : (mem_join_household == 1 ? (!selected_mem_join_hh.Any(p => p[1] == @rowcode)) : true)))
```

[4] **hse_current_grants:** Is %rosteritle% currently a recipient of a new government grant?

```
((hse_grants_roster.Any(x => x.hse_grant_variable == 11) ? @optioncode != 11 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 1) ? @optioncode != 1 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 9) ? @optioncode != 9 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 4) ? @optioncode != 4 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 12) ? @optioncode != 12 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 7) ? @optioncode != 7 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 10) ? @optioncode != 10 : @optioncode != 0) && (hse_grants_roster.Any(x => x.hse_grant_variable == 13) ? @optioncode != 13 : @optioncode != 0))
```

LEGEND

Legend and structure of information in this file

Name of section	Enabling condition for this section	Type of question, scope	Variable name
SECTION 5: OTHER INCOME SOURCES	E s4_other_sources_which.Contains(98)	Answer options	
<p>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</p> <p>I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice)) s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p>		<p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers</p> <p>02 <input type="checkbox"/> Private</p> <p>03 <input type="checkbox"/> Government</p> <p>04 <input type="checkbox"/> Livestock keepers association</p> <p>05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p>	s4_re1_leaders_other
<p>Additional information:</p> <p>"I" – Question instruction "E" – Enabling condition "V1" – Validation condition №1 "M1" – Message for validation №1 "F" – Filter in Categorical questions</p>		<p>Link to full set in appendix</p>	

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	