

# BHP066 Edc Exported Form Text: Survey V3 CPC T1

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## T1: T1 Annual Household Survey

### Residency & Mobility

Edc Docstring: A model completed by the user on the residency status of the participant.

#### Instructions:

To start, I will be asking you some questions about yourself, your living situation, and about the people that you live with. Your answers are very important to our research and will help us understand how to develop better health programs in your community. Some of these questions may be embarrassing and make you feel uncomfortable; however, it is really important that you give the most honest answer that you can. Please remember that all of your answers are confidential. If you do not wish to answer, you can skip any question.

#### 1. subject visit

bcpp\_subject\_residencymobility.subject\_visit

- dropdown [SubjectVisit]

#### 2. In the past 12 months, have you typically spent 14 or more nights per month in this community?

bcpp\_subject\_residencymobility.permanent\_resident

- Yes
- No

*If participant has moved into the community in the past 12 months, then since moving in has the participant typically spent more than 14 nights per month in this community. If 'NO (or don't want to answer)' STOP. Participant cannot be enrolled.*

#### 3. Do you intend to move out of the community in the next 12 months?

bcpp\_subject\_residencymobility.intend\_residency

- Yes
- No

#### 4. In the past 12 months, in total how many nights did you spend away from this community, including visits to cattle post and lands?[If you don't know exactly, give your best guess]

bcpp\_subject\_residencymobility.nights\_away

- Zero nights
- 1-6 nights
- 1-2 weeks
- 3 weeks to less than 1 month
- 1-3 months
- 4-6 months
- more than 6 months
- I am not sure
- Don't want to answer

#### 5. In the past 12 months, during the times you were away from this community, where were you primarily staying?

bcpp\_subject\_residencymobility.cattle\_postlands

- Not Applicable
- Farm/lands
- Cattle post
- Other community, specify:
- Don't want to answer

6. Give the name of the community

bcpp\_subject\_residencymobility.cattle\_postlands\_other

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## Demographics

Edc Docstring: Demographics(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, religion\_other, ethnic\_other, marital\_status, num\_wives, husband\_wives)

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_demographics.subject\_visit

- dropdown [SubjectVisit]

### 2. What is your current marital status?

bcpp\_subject\_demographics.marital\_status

- Single/never married
- Married (common law/civil or customary/traditional)
- Divorced or formally separated
- Widowed
- Don't want to answer

### 3. WOMEN: How many wives does your husband have (including traditional marriage), including yourself?

bcpp\_subject\_demographics.num\_wives

\_\_\_\_\_

*Leave blank if participant does not want to respond. (women only)*

### 4. MEN: How many wives do you have, including traditional marriage?

bcpp\_subject\_demographics.husband\_wives

\_\_\_\_\_

*Leave blank if participant does not want to respond. (men only)*

### 5. Who do you currently live with ?

bcpp\_subject\_demographics.live\_with select multiple options

- Partner or spouse
- Siblings
- Alone
- Extended family
- Other
- Don't want to answer

*[indicate all that apply]*

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**Education**

Edc Docstring: CS002

**Instructions:** Next, I will ask you some questions about what education and work you may have done or are currently doing.

**1. subject visit**

bcpp\_subject\_education.subject\_visit

- dropdown [SubjectVisit]

2. Describe the work that you do or did in your most recent job. If you have more than one profession, choose the one you spend the most time doing.

bcpp\_subject\_education.job\_description

- Farmer (own land)
- Farm work on employers land
- Domestic worker
- Work in bar/ hotel/ guest house
- Fishing
- Mining
- Working in shop
- Informal selling
- Commercial sex work
- Transport (trucker/ taxi driver)
- Factory worker
- Guard (security company)
- Police/ Soldier
- Clerical and office work
- Government worker
- Teacher
- Health care worker
- Other professional
- Other

3. In the past month, how much money did you earn from work you did or received in payment [retirement benefits, child maintenance, food basket, etc]?

bcpp\_subject\_education.monthly\_income

- No income
- 1-199 pula
- 200-499 pula
- 500-999 pula
- 1000-4999 pula
- 5000-10,000 pula
- More than 10,000 pula
- Don't want to answer

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## HIV Testing History

Edc Docstring: HivTestingHistory(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, has\_tested, when\_hiv\_test, has\_record, verbal\_hiv\_result, other\_record)

**Instructions:** Do not include documentation of ART/PMTCT/CD4 here; only include actual HIV test results. Many people have had a test to see if they have HIV. I am going to ask you about whether you have been tested for HIV and whether you received the results. Please remember that all of your answers are confidential.

### 1. subject visit

bcpp\_subject\_hivtestinghistory.subject\_visit

- dropdown [SubjectVisit]

### 2. Have you ever been tested for HIV before?

bcpp\_subject\_hivtestinghistory.has\_tested

- Yes
- No
- Don't want to answer

### 3. When was the last [most recent] time you were tested for HIV?

bcpp\_subject\_hivtestinghistory.when\_hiv\_test

- In the last month
- 1 to 5 months ago
- 6 to 12 months ago
- more than 12 months ago
- I am not sure
- Don't want to answer

*(verbal response)*

### 4. Is a record of last [most recent] HIV test [OPD card, Tebelopele, other] available to review?

bcpp\_subject\_hivtestinghistory.has\_record

- Yes
- No
- Don't want to answer
- Participant does not want to provide record

*if no card available for viewing, proceed to next question*

### 5. Please tell me the results of your last [most recent] HIV test?

bcpp\_subject\_hivtestinghistory.verbal\_hiv\_result

- HIV Positive
- HIV Negative
- Indeterminate
- I am not sure
- Don't want to answer

*(verbal response)*

### 6. Do you have any other available documentation of positive HIV status?

bcpp\_subject\_hivtestinghistory.other\_record

- Yes
  - No
-

- Not applicable

*This documentation refers to: PMTCT prescription, ART, CD4 count record, lab result for.. etc*

### Interform rules (Rule Groups)

1. HivTestingHistoryRuleGroup.other\_record()
  - Returns True if other\_record equals Yes. If True sets *HIV result documentation* to 'new' otherwise 'not\_required'.
2. HivTestingHistoryRuleGroup.require\_todays\_hiv\_result()
  - **missing docstring**. If True sets *Today's HIV Result* to 'new' otherwise 'not\_required'.
3. HivTestingHistoryRuleGroup.other\_response()
  - Returns True if verbal\_hiv\_positive response is not POS or NEG.. If True sets *hivmedicalcare* and *stigma* and *HIV care & Adherence* and *Positive Participant* and *Stigma Opinion* to 'not\_required' otherwise 'none'.
4. HivTestingHistoryRuleGroup.hiv\_untested()
  - **missing docstring**. If True sets *HIV Untested* to 'new' otherwise 'not\_required'.
5. HivTestingHistoryRuleGroup.verbal\_response()
  - Returns True if verbal\_hiv\_result equals NEG. If True sets *stigmaopinion* and *Stigma* to 'new' otherwise 'not\_required'.
6. HivTestingHistoryRuleGroup.has\_record()
  - Returns True if has\_record equals Yes. If True sets *HIV Test Review* to 'new' otherwise 'not\_required'.
7. HivTestingHistoryRuleGroup.verbal\_hiv\_result\_hiv\_care\_baseline()
  - Returns True if verbal\_hiv\_result equals POS. If True sets *positiveparticipant* and *hivhealthcarecosts* and *HIV care & Adherence* and *HIV Medical care* to 'new' otherwise 'not\_required'.
8. HivTestingHistoryRuleGroup.has\_tested()
  - Returns True if has\_tested equals Yes. If True sets *HIV Tested* to 'new' otherwise 'not\_required'.
9. RequisitionRuleGroup2.rbd\_for\_pos()
  - Returns True or False to indicate a participant should be offered an rbd.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.
10. RequisitionRuleGroup2.hic()
  - If the participant still test HIV NEG and was not HIC enrolled then HIC should be REQUIRED. . If True sets *Hic Enrollment* to 'new' otherwise 'not\_required'.
11. RequisitionRuleGroup2.pima\_for\_art\_naive()
  - Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.
12. RequisitionRuleGroup2.microtube\_for\_neg()
  - **missing docstring**. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.
13. RequisitionRuleGroup2.vl\_for\_pos()
  - Returns True or False to indicate participant needs to be offered a viral load.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

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**HIV Test Review**

Edc Docstring: Complete this form if HivTestingHistory.has\_record.

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_hivtestreview.subject\_visit

- dropdown [SubjectVisit]

**2. What was the recorded date of the last HIV test?**

bcpp\_subject\_hivtestreview.hiv\_test\_date

Obtain this information from the card the participant presents to you.

**3. What was the recorded HIV test result?**

bcpp\_subject\_hivtestreview.recorded\_hiv\_result

- HIV Positive (Reactive)
- HIV Negative (Non-reactive)
- Indeterminate
- No result recorded

If the participant and written record differ, the result from the written record should be recorded.

**Interform rules (Rule Groups)****1. ReviewPositiveRuleGroup.recorded\_hivresult()**

- Returns True if recorded\_hiv\_result equals NEG. If True sets *stigmaopinion* and *Stigma* to 'new' otherwise 'not\_required'.

**2. ReviewPositiveRuleGroup.require\_todays\_hiv\_result()**

- **missing docstring.** If True sets *Today's HIV Result* to 'new' otherwise 'not\_required'.

**3. ReviewPositiveRuleGroup.recorded\_hiv\_result()**

- Returns True if the an HIV test is required.. If True sets *hivmedicalcare* and *HIV care & Adherence* and *Positive Participant* to 'not\_required' otherwise 'new'.

**4. RequisitionRuleGroup3.rbd\_for\_pos()**

- Returns True or False to indicate a participant should be offered an rbd.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

**5. RequisitionRuleGroup3.hic()**

- If the participant still test HIV NEG and was not HIC enrolled then HIC should be REQUIRED. . If True sets *Hic Enrollment* to 'new' otherwise 'not\_required'.

**6. RequisitionRuleGroup3.pima\_for\_art\_naive()**

- Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.

**7. RequisitionRuleGroup3.microtube\_for\_neg()**

- **missing docstring.** If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

**8. RequisitionRuleGroup3.vl\_for\_pos()**

- Returns True or False to indicate participant needs to be offered a viral load.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

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**HIV result documentation**

Edc Docstring:

**Instructions:** annualbaseline**1. subject visit**

bcpp\_subject\_hivresultdocumentation.subject\_visit

- dropdown [SubjectVisit]

**2. What is the recorded date of this previous HIV test (or of the document that provides supporting evidence of HIV infection)?**

bcpp\_subject\_hivresultdocumentation.result\_date

**3. What is the type of document used?**

bcpp\_subject\_hivresultdocumentation.result\_doc\_type

- Tebelopele
- Lab result form
- ART Prescription
- PMTCT Prescription
- Record of CD4 count
- Other OPD card or ANC card documentation

**Interform rules (Rule Groups)****1. RequisitionRuleGroup4.rbd\_for\_pos()**

- Returns True or False to indicate a participant should be offered an rbd.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

**2. RequisitionRuleGroup4.hic()**

- If the participant still test HIV NEG and was not HIC enrolled then HIC should be REQUIRED. . If True sets *Hic Enrollment* to 'new' otherwise 'not\_required'.

**3. RequisitionRuleGroup4.pima\_for\_art\_naive()**

- Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.

**4. RequisitionRuleGroup4.microtube\_for\_neg()**

- **missing docstring**. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

**5. RequisitionRuleGroup4.vl\_for\_pos()**

- Returns True or False to indicate participant needs to be offered a viral load.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

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**HIV Tested**

Edc Docstring: CS002- for those who have tested for HIV. Its branch off from Q18 - HIV testing History

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_hivtested.subject\_visit

- dropdown [SubjectVisit]

**2. Where were you tested for HIV, the last [most recent] time you were tested?**

bcpp\_subject\_hivtested.where\_hiv\_test

- Tebelopele VCT center
- Antenatal care at healthcare facility (including private clinics)
- Other (not antenatal care) at healthcare facility (including private clinics)
- In my house as part of door-to-door services
- In a mobile tent or vehicle in my neighborhood
- Other, specify:
- I am not sure
- Don't want to answer

**3. ...if "Other", specify**

bcpp\_subject\_hivtested.where\_hiv\_test\_other

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**HIV Untested**

Edc Docstring: CS002- for those who have NOT tested for HIV. Its branch off from Q18 - HIV testing History

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_hivuntested.subject\_visit

- dropdown [SubjectVisit]

**2. If you were not tested for HIV in the 12 months prior to today, what is the main reason why not?**

bcpp\_subject\_hivuntested.why\_no\_hiv\_test

- I already knew I am HIV positive
- I recently tested (I know my status)
- I didn't believe I was at risk of getting HIV
- I am afraid to find out the result
- I am afraid of what others would think of me
- Family/friends did not want me to get an HIV test
- I didn't have time due to work
- I didn't have time due to family obligations
- My sexual partner did not want me to get an HIV test
- I am not sure
- Don't want to answer

**3. Have you ever heard about treatment for HIV with pills called antiretroviral therapy or ARVs [or HAART]?**

bcpp\_subject\_hivuntested.hiv\_pills



- Yes
- No
- Not Sure

4. Do you believe that treatment for HIV with antiretroviral therapy (or ARVs) can help HIV-positive people to live longer?

bcpp\_subject\_hivuntested.arvs\_hiv\_test

- Yes
- No
- Not Sure

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## Sexual Behaviour

Edc Docstring: A model completed by the user on the participant's sexual behaviour.

**Instructions:** In this part of the interview, I will be asking you some questions about your sexual relationships that you might have had, and about sexual practices that you might have engaged in. Please let me know if you feel comfortable answering these questions now or if we should move to a different location. Some of these questions may make you feel uncomfortable; however, it is really important for us to get the most honest answer that you can give us. Please remember that all of your answers are confidential.

### 1. subject visit

bcpp\_subject\_sexualbehaviour.subject\_visit

- dropdown [SubjectVisit]

**2. In your lifetime, have you ever had sex with anyone (including your spouse, friends, or someone you have just met)?**

bcpp\_subject\_sexualbehaviour.ever\_sex

- Yes
- No
- Don't want to answer

3. In your lifetime, how many different people have you had sex with? Please remember to include casual and once-off partners (prostitutes and truck drivers) as well as long-term partners (spouses, boyfriends/girlfriends)[If you can't recall the exact number, please give a best guess]

bcpp\_subject\_sexualbehaviour.lifetime\_sex\_partners

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4. In the past 12 months, how many different people have you had sex with? Please remember to include casual and once-off partners (prostitutes and truck drivers) as well as long-term partners (spouses, boyfriends/girlfriends)[If you can't recall the exact number, please give a best guess]

bcpp\_subject\_sexualbehaviour.last\_year\_partners

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*Note: Leave blank if participant does not want to respond.*

5. In the past 12 months, did you have sex with somebody living outside of the community?

bcpp\_subject\_sexualbehaviour.more\_sex

- Yes
- No
- Don't want to answer

6. How old were you when you had sex for the first time? [If you can't recall the exact age, please give a best guess]

bcpp\_subject\_sexualbehaviour.first\_sex

\_\_\_\_\_  
*Note: leave blank if participant does not want to respond.*

7. During the last [most recent] time you had sex, did you or your partner use a condom?

bcpp\_subject\_sexualbehaviour.condom

- Yes
- No
- Don't want to answer

8. During the last [most recent] time you had sex, were you or your partner drinking alcohol?

bcpp\_subject\_sexualbehaviour.alcohol\_sex

- Neither of us
- My partner
- Myself
- Both of us
- Don't want to answer

### Interform rules (Rule Groups)

1. SexualBehaviourRuleGroup.partners()

- Returns True if last\_year\_partners gte 1. If True sets *monthssecondpartner* and *Recent Partner - 12 Months* and *Third Partner - 12 Months* to 'new' otherwise 'not\_required'.

2. SexualBehaviourRuleGroup.last\_year\_partners()

- Returns True if last\_year\_partners gte 2. If True sets *Second Partner - 12 Months* to 'new' otherwise 'not\_required'.

3. SexualBehaviourRuleGroup.ever\_sex()

- Returns True if sexual\_behaviour.ever\_sex is Yes and this is a female.. If True sets *pregnancy* and *Reproductive Health* and *Non Pregnancy* to 'new' otherwise 'not\_required'.

4. SexualBehaviourRuleGroup.more\_partners()

- Returns True if last\_year\_partners gte 3. If True sets *Third Partner - 12 Months* to 'new' otherwise 'not\_required'.

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### Recent Partner - 12 Months

Ede Docstring: A model completed by the user on the participant's recent sexual behaviour.

**Instructions:** Interviewer Note: Ask the respondent to answer the following questions about their most recent sexual partner in the past 12 months. It may be helpful for respondent to give initials or nickname, but DO NOT write down or otherwise record this information. Read to Participant: I am now going to ask you about your most recent sexual partners. I will start with your last or most recent sexual partner.

#### 1. subject visit

bcpp\_subject\_monthsrecentpartner.subject\_visit

- dropdown [SubjectVisit]

#### 2. Over the past 12 months, where has this sexual partner lived to the best of your knowledge?

bcpp\_subject\_monthsrecentpartner.first\_partner\_live select multiple options

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- In this community
- Outside community
- Farm within this community
- Farm outside this community
- Cattle post within this community
- Cattle post outside this community

**3. If outside community or farm outside this community or cattle post outside this community ask: Does this sexual partner live in any of the following communities?**

bcpp\_subject\_monthsrecentpartner.sex\_partner\_community

- Not Applicable
- Bokaa
- Digawana
- Gumare
- Gweta
- Lentsweletau
- Lerala
- Letlhakeng
- Mmandunyane
- Mmankodi
- Mmadinare
- Mmathethe
- Masunga
- Maunatlala
- Mathangwane
- Metsimotlhabe
- Molapowabojang
- Nata
- Nkange
- Oodi
- Otse
- Rakops
- Ramokgonami
- Ranaka
- Sebina
- Sefare
- Sefophe
- Shakawe
- Shoshong
- Tati\_Siding
- Tsetsebjwe
- Other non study community

**4. When was the last [most recent] time you had sex with this person (how long ago)?**

bcpp\_subject\_monthsrecentpartner.third\_last\_sex

- Days
  - Months
  - Don't want to answer
-

5. Give the number of days/months since last had sex with this person.

bcpp\_subject\_monthsrecentpartner.third\_last\_sex\_calc

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*e.g. if last sex was last night, then it should be recorded as 1 day*

**6. When was the first time you had sex with this person [how long ago]?**

bcpp\_subject\_monthsrecentpartner.first\_first\_sex

- Days
- Months
- Years
- Don't want to answer

7. Give the number of days/months/years since first had sex with this person.

bcpp\_subject\_monthsrecentpartner.first\_first\_sex\_calc

\_\_\_\_\_

*e.g. if first sex was last night, then it should be recorded as 1 day*

**8. Do you expect to have sex with this person again?**

bcpp\_subject\_monthsrecentpartner.first\_sex\_current

- Yes
- No
- Don't want to answer

**9. What type of relationship do you have with this person?**

bcpp\_subject\_monthsrecentpartner.first\_relationship

- Long-term partner (>2 years) or spouse
- Boyfriend/Girlfriend
- Casual (known) partner
- One time partner (previously unknown)
- Commercial sex worker
- Other, specify:
- Don't want to answer

**10. To the best of your knowledge, how old is this person?**

bcpp\_subject\_monthsrecentpartner.first\_exchange

- less or equal to 18 years old
- 19-29 years old
- 30-39 years old
- 40-49 years old
- 50-59 years old
- 50-59 years old
- 60 year or older
- Not sure

*Note: If participant does not want to answer, leave blank.*

**11. Over the past 12 months, during the time you were having a sexual relationship with this person, did YOU have sex with other people (including husband/wife)?**

bcpp\_subject\_monthsrecentpartner.concurrent

- Yes
-

- No
- Don't want to answer

**12. Have you received money, transport, food/drink, or other goods in exchange for sex from this partner?**

bcpp\_subject\_monthsrecentpartner.goods\_exchange

- Yes
- No
- Don't want to answer

**13. During the last 3 months [of your relationship, if it has ended] how many times did you have sex with this partner?**

bcpp\_subject\_monthsrecentpartner.first\_sex\_freq

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**14. What is this partner's HIV status?**

bcpp\_subject\_monthsrecentpartner.first\_partner\_hiv

- HIV-positive
- HIV-negative
- I am not sure HIV status
- Don't want to answer

**15. Has your partner been tested for HIV in last 12 months**

bcpp\_subject\_monthsrecentpartner.partner\_hiv\_test

- Yes
- No
- Not Sure
- Don't want to answer

**16. Is this partner taking antiretroviral treatment?**

bcpp\_subject\_monthsrecentpartner.first\_haart

- Yes
- No
- Not Sure

**17. Have you told this partner your HIV status?**

bcpp\_subject\_monthsrecentpartner.first\_disclose

- Yes
- No
- Did not know my HIV status
- Don't want to answer

**18. When you have [had] sex with this partner, how often do you or your partner use a condom?**

bcpp\_subject\_monthsrecentpartner.first\_condom\_freq

- All of the time
- Sometimes
- Never
- Don't want to answer

**19. To the best of your knowledge, did he/she ever have other sex partners while you two were having a sexual relationship?**

bcpp\_subject\_monthsrecentpartner.first\_partner\_cp

- Yes
- No
- Not Sure

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## Second Partner - 12 Months

Edc Docstring: A model completed by the user on the participant's recent sexual behaviour.

**Instructions:** Interviewer Note: If the respondent has only had one partner, SKIP to HIV adherence questions if HIV negative. Else go to Reproductive health for women, or circumcision for men. Ask the respondent to answer the following questions about their second most recent sexual partner. It may be helpful for respondent to give initials or nickname, but DO NOT write down or otherwise record this information. Read to Participant: I am now going to ask you about your second most recent sexual partner in the past, the one before the person we were just talking about.

### 1. subject visit

bcpp\_subject\_monthssecondpartner.subject\_visit

- dropdown [SubjectVisit]

### 2. Over the past 12 months, where has this sexual partner lived to the best of your knowledge?

bcpp\_subject\_monthssecondpartner.first\_partner\_live select multiple options

- In this community
- Outside community
- Farm within this community
- Farm outside this community
- Cattle post within this community
- Cattle post outside this community

### 3. If outside community or farm outside this community or cattle post outside this community ask: Does this sexual partner live in any of the following communities?

bcpp\_subject\_monthssecondpartner.sex\_partner\_community

- Not Applicable
- Bokaa
- Digawana
- Gumare
- Gweta
- Lentsweletau
- Lerala
- Letlhakeng
- Mmandunyane
- Mmankgodi
- Mmadinare
- Mmathethe
- Masunga
- Maunatlala
- Mathangwane
- Metsimotlhabe
- Molapowabojang
- Nata
- Nkange

- Oodi
- Otse
- Rakops
- Ramokgonami
- Ranaka
- Sebina
- Sefare
- Sefophe
- Shakawe
- Shoshong
- Tati\_Siding
- Tsetsebjwe
- Other non study community

**4. When was the last [most recent] time you had sex with this person (how long ago)?**

bcpp\_subject\_monthssecondpartner.third\_last\_sex

- Days
- Months
- Don't want to answer

**5. Give the number of days/months since last had sex with this person.**

bcpp\_subject\_monthssecondpartner.third\_last\_sex\_calc

\_\_\_\_\_

*e.g. if last sex was last night, then it should be recorded as 1 day*

**6. When was the first time you had sex with this person [how long ago]?**

bcpp\_subject\_monthssecondpartner.first\_first\_sex

- Days
- Months
- Years
- Don't want to answer

**7. Give the number of days/months/years since first had sex with this person.**

bcpp\_subject\_monthssecondpartner.first\_first\_sex\_calc

\_\_\_\_\_

*e.g. if first sex was last night, then it should be recorded as 1 day*

**8. Do you expect to have sex with this person again?**

bcpp\_subject\_monthssecondpartner.first\_sex\_current

- Yes
- No
- Don't want to answer

**9. What type of relationship do you have with this person?**

bcpp\_subject\_monthssecondpartner.first\_relationship

- Long-term partner (>2 years) or spouse
  - Boyfriend/Girlfriend
  - Casual (known) partner
  - One time partner (previously unknown)
-

- Commercial sex worker
- Other, specify:
- Don't want to answer

**10. To the best of your knowledge, how old is this person?**

bcpp\_subject\_monthssecondpartner.first\_exchange

- less or equal to 18 years old
- 19-29 years old
- 30-39 years old
- 40-49 years old
- 50-59 years old
- 50-59 years old
- 60 year or older
- Not sure

*Note: If participant does not want to answer, leave blank.*

**11. Over the past 12 months, during the time you were having a sexual relationship with this person, did YOU have sex with other people (including husband/wife)?**

bcpp\_subject\_monthssecondpartner.concurrent

- Yes
- No
- Don't want to answer

**12. Have you received money, transport, food/drink, or other goods in exchange for sex from this partner?**

bcpp\_subject\_monthssecondpartner.goods\_exchange

- Yes
- No
- Don't want to answer

**13. During the last 3 months [of your relationship, if it has ended] how many times did you have sex with this partner?**

bcpp\_subject\_monthssecondpartner.first\_sex\_freq

\_\_\_\_\_

**14. What is this partner's HIV status?**

bcpp\_subject\_monthssecondpartner.first\_partner\_hiv

- HIV-positive
- HIV-negative
- I am not sure HIV status
- Don't want to answer

**15. Has your partner been tested for HIV in last 12 months**

bcpp\_subject\_monthssecondpartner.partner\_hiv\_test

- Yes
- No
- Not Sure
- Don't want to answer

**16. Is this partner taking antiretroviral treatment?**

bcpp\_subject\_monthssecondpartner.first\_haart



- Yes
- No
- Not Sure

17. Have you told this partner your HIV status?

bcpp\_subject\_monthssecondpartner.first\_disclose

- Yes
- No
- Did not know my HIV status
- Don't want to answer

18. When you have [had] sex with this partner, how often do you or your partner use a condom?

bcpp\_subject\_monthssecondpartner.first\_condom\_freq

- All of the time
- Sometimes
- Never
- Don't want to answer

19. To the best of your knowledge, did he/she ever have other sex partners while you two were having a sexual relationship?

bcpp\_subject\_monthssecondpartner.first\_partner\_cp

- Yes
- No
- Not Sure

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

### Third Partner - 12 Months

Edc Docstring: A model completed by the user on the participant's recent sexual behaviour.

**Instructions:** If the respondent has only had two partners, SKIP HIV adherence questions if HIV negative, if HIV positive, proceed. Else go to Reproductive health for women, or circumcision for men. Ask the respondent to answer the following questions about their second most recent sexual partner. It may be helpful for respondent to give initials or nickname, but DO NOT write down or otherwise record this information. I am now going to ask you about your second most recent sexual partner in the past 12 months, the one before the person we were just talking about.

#### 1. subject visit

bcpp\_subject\_monthsthirdpartner.subject\_visit

- dropdown [SubjectVisit]

#### 2. Over the past 12 months, where has this sexual partner lived to the best of your knowledge?

bcpp\_subject\_monthsthirdpartner.first\_partner\_live select multiple options

- In this community
- Outside community
- Farm within this community
- Farm outside this community
- Cattle post within this community
- Cattle post outside this community

**3. If outside community or farm outside this community or cattle post outside this community ask: Does this sexual partner live in any of the following communities?**

bcpp\_subject\_monthsthirdpartner.sex\_partner\_community

- Not Applicable
- Bokaa
- Digawana
- Gumare
- Gweta
- Lentsweletau
- Lerala
- Letlhakeng
- Mmandunyane
- Mmankgodi
- Mmadinare
- Mmathethe
- Masunga
- Maunatlala
- Mathangwane
- Metsimotlhabe
- Molapowabojang
- Nata
- Nkange
- Oodi
- Otse
- Rakops
- Ramokgonami
- Ranaka
- Sebina
- Sefare
- Sefophe
- Shakawe
- Shoshong
- Tati\_Siding
- Tsetsebjwe
- Other non study community

**4. When was the last [most recent] time you had sex with this person (how long ago)?**

bcpp\_subject\_monthsthirdpartner.third\_last\_sex

- Days
- Months
- Don't want to answer

**5. Give the number of days/months since last had sex with this person.**

bcpp\_subject\_monthsthirdpartner.third\_last\_sex\_calc

\_\_\_\_\_

*e.g. if last sex was last night, then it should be recorded as 1 day*

**6. When was the first time you had sex with this person [how long ago]?**

bcpp\_subject\_monthsthirdpartner.first\_first\_sex

- Days
- Months
- Years
- Don't want to answer

7. Give the number of days/months/years since first had sex with this person.

bcpp\_subject\_monthsthirdpartner.first\_first\_sex\_calc

*e.g. if first sex was last night, then it should be recorded as 1 day*

**8. Do you expect to have sex with this person again?**

bcpp\_subject\_monthsthirdpartner.first\_sex\_current

- Yes
- No
- Don't want to answer

**9. What type of relationship do you have with this person?**

bcpp\_subject\_monthsthirdpartner.first\_relationship

- Long-term partner (>2 years) or spouse
- Boyfriend/Girlfriend
- Casual (known) partner
- One time partner (previously unknown)
- Commercial sex worker
- Other, specify:
- Don't want to answer

**10. To the best of your knowledge, how old is this person?**

bcpp\_subject\_monthsthirdpartner.first\_exchange

- less or equal to 18 years old
- 19-29 years old
- 30-39 years old
- 40-49 years old
- 50-59 years old
- 50-59 years old
- 60 year or older
- Not sure

*Note: If participant does not want to answer, leave blank.*

**11. Over the past 12 months, during the time you were having a sexual relationship with this person, did YOU have sex with other people (including husband/wife)?**

bcpp\_subject\_monthsthirdpartner.concurrent

- Yes
- No
- Don't want to answer

**12. Have you received money, transport, food/drink, or other goods in exchange for sex from this partner?**

bcpp\_subject\_monthsthirdpartner.goods\_exchange

- Yes

- No
- Don't want to answer

13. During the last 3 months [of your relationship, if it has ended] how many times did you have sex with this partner?

bcpp\_subject\_monthsthirdpartner.first\_sex\_freq

\_\_\_\_\_

14. What is this partner's HIV status?

bcpp\_subject\_monthsthirdpartner.first\_partner\_hiv

- HIV-positive
- HIV-negative
- I am not sure HIV status
- Don't want to answer

**15. Has your partner been tested for HIV in last 12 months**

bcpp\_subject\_monthsthirdpartner.partner\_hiv\_test

- Yes
- No
- Not Sure
- Don't want to answer

16. Is this partner taking antiretroviral treatment?

bcpp\_subject\_monthsthirdpartner.first\_haart

- Yes
- No
- Not Sure

17. Have you told this partner your HIV status?

bcpp\_subject\_monthsthirdpartner.first\_disclose

- Yes
- No
- Did not know my HIV status
- Don't want to answer

18. When you have [had] sex with this partner, how often do you or your partner use a condom?

bcpp\_subject\_monthsthirdpartner.first\_condom\_freq

- All of the time
- Sometimes
- Never
- Don't want to answer

19. To the best of your knowledge, did he/she ever have other sex partners while you two were having a sexual relationship?

bcpp\_subject\_monthsthirdpartner.first\_partner\_cp

- Yes
- No
- Not Sure

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## HIV care & Adherence

Edc Docstring: A model completed by the user on the participant's access to and adherence to HIV care.

**Instructions:** Note to Interviewer: This section is only to be completed by HIV-positive participants who knew that they were HIV-positive before today. Section should be skipped for HIV-negative participants and participants who first tested HIV-positive today. Read to Participant: I am now going to ask you some questions about care you may have been given for your HIV infection.

### 1. subject visit

bcpp\_subject\_hivcareadherence.subject\_visit

- dropdown [SubjectVisit]

### 2. ...if "Other", specify

bcpp\_subject\_hivcareadherence.why\_no\_arv\_other

\_\_\_\_\_

### 3. When did you first start taking antiretroviral therapy (ARVs)?

bcpp\_subject\_hivcareadherence.first\_arv

\_\_\_\_\_

*Note: If participant does not want to answer, leave blank. If participant is unable to estimate date, leave blank.*

### 4. Are you currently taking antiretroviral therapy (ARVs)?

bcpp\_subject\_hivcareadherence.on\_arv

- Yes
- No
- Don't want to answer

*If yes, need to answer next two questions.*

### 5. Is there evidence [OPD card, tablets, masa number] that the participant is on therapy?

bcpp\_subject\_hivcareadherence.arv\_evidence

- Yes
- No

### 6. Which clinic facility are you already receiving therapy from?

bcpp\_subject\_hivcareadherence.clinic\_receiving\_from

\_\_\_\_\_

### 7. When is your next appointment at this facility?

bcpp\_subject\_hivcareadherence.next\_appointment\_date

\_\_\_\_\_

### 8. When did you stop taking ARV's?

bcpp\_subject\_hivcareadherence.arv\_stop\_date

\_\_\_\_\_

### 9. What was the main reason why you stopped taking ARVs?

bcpp\_subject\_hivcareadherence.arv\_stop

- Did not feel they were helping
  - ARVs made me feel bad or sick
  - Difficulty finding someone to go with me for counseling (mopati)
-

- Hard due to work responsibilities
- Hard due to family/childcare responsibilities
- Doctor or nurse at clinic told me to stop
- Transportation costs
- Was afraid of someone (friends/family) seeing me at the HIV clinic
- Sexual partner advised against taking
- Family or friends advised against taking
- Traditional healer advised against taking
- Religious beliefs
- Cultural beliefs
- Other, specify:
- I am not sure
- Don't want to answer

#### 10. ...if "Other", specify

bcpp\_subject\_hivcareadherence.arv\_stop\_other

\_\_\_\_\_

11. During the past 4 days, on how many days have you missed taking all your doses of antiretroviral therapy (ART)?

bcpp\_subject\_hivcareadherence.adherence\_4\_day

- Zero days
- One day
- Two days
- Three days
- Four days
- Don't want to answer

12. Thinking about the past 4 weeks, on average, how would you rate your ability to take all your medications as prescribed?

bcpp\_subject\_hivcareadherence.adherence\_4\_wk

- Very poor
- Poor
- Fair
- Good
- Very good
- Don't want to answer

#### Interform rules (Rule Groups)

1. HivCareAdherenceRuleGroup.require\_todays\_hiv\_result()

- **missing docstring.** If True sets *Today's HIV Result* to 'new' otherwise 'not\_required'.

2. HivCareAdherenceRuleGroup.pima\_for\_art\_naive()

- Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.

3. HivCareAdherenceRuleGroup.medical\_care()

- Returns True if medical\_care equals Yes. If True sets *HIV Medical care* to 'new' otherwise 'not\_required'.

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**HIV Medical care**

Edc Docstring: HivMedicalCare(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, first\_hiv\_care\_pos, last\_hiv\_care\_pos, lowest\_cd4)

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_hivmedicalcare.subject\_visit

- dropdown [SubjectVisit]

2. When did you first receive HIV-related medical care for such things as a CD4 count (masole), IDCC/ PMTCT registration, additional clinic-based counseling?

bcpp\_subject\_hivmedicalcare.first\_hiv\_care\_pos

*Note: If participant does not want to answer, leave blank. If participant is unable to estimate date, leave blank.*

3. When did you last (most recently) receive HIV-related medical care for such things as a CD4 count (masole), IDCC/ PMTCT registration, additional clinic-based counseling?

bcpp\_subject\_hivmedicalcare.last\_hiv\_care\_pos

*Note: If participant does not want to answer, leave blank. If participant is unable to estimate date, leave blank.*

**4. What was your lowest CD4 (masole) count that was ever measured?**

bcpp\_subject\_hivmedicalcare.lowest\_cd4

- 0-49
- 50-99
- 100-199
- 200-349
- 350-499
- 500 or more
- I am not sure
- Don't want to answer

*Assist the participant by helping review their outpatient cards if they are available.*

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

**Circumcision**

Edc Docstring: Circumcision(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, circumcised)

**Instructions:** Note to Interviewer: This section is to be completed by male participants. SKIP for female participants. Read to Participant: Some men are circumcised. Male circumcision is [enter site specific word] when the foreskin of the man's penis has been cut off. I would like to ask you a few questions regarding male circumcision.

**1. subject visit**

bcpp\_subject\_circumcision.subject\_visit

- dropdown [SubjectVisit]

**2. Are you circumcised?**

bcpp\_subject\_circumcision.circumcised

- Yes
- No
- Not Sure

### Interform rules (Rule Groups)

#### 1. CircumcisionRuleGroup.uncircumcised()

- Returns True if circumcised equals No. If True sets *Uncircumcised* to 'new' otherwise 'not\_required'.

#### 2. CircumcisionRuleGroup.circumcised()

- Returns True if circumcised equals Yes. If True sets *Circumcised* to 'new' otherwise 'not\_required'.

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

### Circumcised

Edc Docstring: Circumcised(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, circumcised, circ\_date, when\_circ, age\_unit\_circ, where\_circ, where\_circ\_other, why\_circ, why\_circ\_other)

**Instructions:** Please complete the questions below.

#### 1. subject visit

bcpp\_subject\_circumcised.subject\_visit

- dropdown [SubjectVisit]

#### 2. Do you believe that male circumcision has any health benefits for you?

bcpp\_subject\_circumcised.circumcised

- Yes
- No
- Not Sure

#### 3. What do you believe are the health benefits of male circumcision? (Indicate all that apply.)

bcpp\_subject\_circumcised.health\_benefits\_smc select multiple options

- Improved hygiene
- Reduced risk of HIV
- Reduced risk of other sexually transmitted diseases
- Reduced risk of cancer
- Other
- I am not sure
- Don't want to answer

#### 4. When were you circumcised?

bcpp\_subject\_circumcised.circ\_date

\_\_\_\_\_

#### 5. At what age were you circumcised?

bcpp\_subject\_circumcised.when\_circ

\_\_\_\_\_

*Note: Leave blank if participant does not want to respond.*

#### 6. The unit of age of circumcision is?

bcpp\_subject\_circumcised.age\_unit\_circ



- Days
- Months
- Years
- Don't want to answer

7. Where were you circumcised?

bcpp\_subject\_circumcised.where\_circ

- Government clinic or hospital
- Traditional location (Bogerwa)
- Outreach site (mobile or temporary center)
- Private practitioner
- I am not sure
- Other, specify:
- Don't want to answer

8. ...if "Other", specify

bcpp\_subject\_circumcised.where\_circ\_other

\_\_\_\_\_

9. What was the main reason why you were circumcised?

bcpp\_subject\_circumcised.why\_circ

- Prevent HIV/AIDS
- Other medical reason
- Personal preference
- Improved hygiene
- Cultural tradition and/or religion
- Acceptance by sexual partner(s)
- Acceptance by family, friends, and/or community
- I am not sure
- Other, specify:
- Don't want to answer

10. ...if "Other", specify

bcpp\_subject\_circumcised.why\_circ\_other

\_\_\_\_\_

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

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## Uncircumcised

Edc Docstring: Uncircumcised(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, circumcised, reason\_circ, reason\_circ\_other, future\_circ, future\_reasons\_smc, service\_facilities, aware\_free)

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_uncircumcised.subject\_visit

- dropdown [SubjectVisit]

2. Do you believe that male circumcision has any health benefits for you?

bcpp\_subject\_uncircumcised.circumcised

---

- Yes
- No
- Not Sure

3. What do you believe are the health benefits of male circumcision? (Indicate all that apply.)

bcpp\_subject\_uncircumcised.health\_benefits\_smc select multiple options

- Improved hygiene
- Reduced risk of HIV
- Reduced risk of other sexually transmitted diseases
- Reduced risk of cancer
- Other
- I am not sure
- Don't want to answer

4. What is the main reason that you have not yet been circumcised?

bcpp\_subject\_uncircumcised.reason\_circ

- Circumcision never offered to me
- Procedure might be painful
- Did not know where to go for circumcision
- Did not have the time or money for circumcision
- I might not be able to work or be active
- My partner might not approve
- My family/friends might not approve
- There might be a medical complication
- The healing time is very long
- It will be hard to not have sex or masturbate for 6 weeks
- Sex might not feel the same
- I may not like the way my penis looks
- I may not like the way my penis feels
- I could die from the procedure
- Other, specify:
- I am not sure
- Don't want to answer

5. ...if "Other", specify

bcpp\_subject\_uncircumcised.reason\_circ\_other

\_\_\_\_\_

**6. Would you ever consider being circumcised in the future?**

bcpp\_subject\_uncircumcised.future\_circ

- Yes
- No
- Not Sure

7. Which of the following might increase your willingness to be circumcised the most?

bcpp\_subject\_uncircumcised.future\_reasons\_smc

- More information about benefits
  - More information about risks
  - If there was no or minimal pain with circumcision
-

- If circumcision could be done close to my home
- If the kgosi recommended circumcision for all men
- If I received time off work to recover from circumcision
- If my sexual partner encouraged me
- If one or both of my parents encouraged me
- If my friends encouraged me
- I am not sure
- Don't want to answer

8. Were you aware that circumcision services are provided free of charge at most health facilities?

bcpp\_subject\_uncircumcised.service\_facilities

- Yes
- No
- Don't want to answer

9. Where did you learn that circumcision services were available free at most health facilities?

bcpp\_subject\_uncircumcised.aware\_free

- Radio
- Television
- Friend told me
- Family told me
- Health worker told me
- Kgosi told us
- I heard it at the kgotla
- I read a brochure delivered to my home
- I read it in the newspaper
- Heard it at a community event
- I am not sure
- Don't want to answer

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

## Reproductive Health

Edc Docstring: A model completed by the user on the participant's reproductive health.

**Instructions:** This section is to be completed by female participants. SKIP for male participants. Read to Participant: I am now going to ask you questions about reproductive health and pregnancy.

### 1. subject visit

bcpp\_subject\_reproductivehealth.subject\_visit

- dropdown [SubjectVisit]

**2. How many children have you given birth to? Please include any children that may have died at (stillbirth) or after birth. Do not include any current pregnancies or miscarriages that occur early in pregnancy (prior to 20 weeks).**

bcpp\_subject\_reproductivehealth.number\_children

\_\_\_\_\_

**3. Have you reached menopause (more than 12 months without a period)?**

bcpp\_subject\_reproductivehealth.menopause

- Yes

- No

*this also refers to pre-menopause*

4. In the past 12 months, have you used any methods to prevent pregnancy ?

bcpp\_subject\_reproductivehealth.family\_planning select multiple options

- Condoms, consistent use (male or female)
- Condoms, in-consistent use (male or female)
- Injectable contraceptive
- Oral contraceptive
- IUD
- Diaphragm or cervical cap
- Rhythm or menstrual cycle timing
- Withdrawal
- Other, specify
- Don't want to answer
- NOT APPLICABLE

*check all that apply*

**5. ...if "Other", specify**

bcpp\_subject\_reproductivehealth.family\_planning\_other

\_\_\_\_\_

6. Are you currently pregnant?

bcpp\_subject\_reproductivehealth.currently\_pregnant

- Yes
- No
- Not Sure

**7. Did you become pregnant since the last interview we had with you?**

bcpp\_subject\_reproductivehealth.when\_pregnant

- Yes
- No

8. At about what gestational age (in weeks) did you start arv's during this (or your last) pregnancy?

bcpp\_subject\_reproductivehealth.gestational\_weeks

\_\_\_\_\_

*gestational age in WEEKS. Among HIV-infected women who took/started ARVs during their last (or current pregnancy).*

**9. Were you tested for HIV during your most recent (or this current) pregnancy?**

bcpp\_subject\_reproductivehealth.pregnancy\_hiv\_tested

- Yes
- No
- Not applicable

*Among women who were not known to be HIV-infected prior to the last (or current pregnancy).*

**10. If you tested HIV-negative during the most recent (or this current) pregnancy, were you re-tested for HIV in the last 3 months of your pregnancy or at delivery?**

bcpp\_subject\_reproductivehealth.pregnancy\_hiv\_retested

- Yes
- No
- Not applicable

*if the respondent has reached that point by the time of the current interview.*

### Interform rules (Rule Groups)

1. ReproductiveRuleGroup.currently\_pregnant()
  - Returns True if currently\_pregnant equals Yes AND menopause equals No. If True sets *Pregnancy* to 'new' otherwise 'not\_required'.
2. ReproductiveRuleGroup.non\_pregnant()
  - Returns True if currently\_pregnant equals No AND menopause equals No. If True sets *Non Pregnancy* to 'new' otherwise 'not\_required'.

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

### Pregnancy

Edc Docstring: A model completed by the user for pregnant participants.

**Instructions:** Please complete the questions below.

#### 1. subject visit

bcpp\_subject\_pregnancy.subject\_visit

- dropdown [SubjectVisit]

#### 2. Have you registered for antenatal care?

bcpp\_subject\_pregnancy.anc\_reg

- Yes
- No, but I will go for antenatal care
- No and I am not planning on going for antenatal care
- Don't want to answer

#### 3. When was the first day of your last normal menstrual period?

bcpp\_subject\_pregnancy.lnmp

\_\_\_\_\_

#### 4. When did you last (most recently) give birth?

bcpp\_subject\_pregnancy.last\_birth

\_\_\_\_\_

#### 5. During your last pregnancy (not current pregnancy) did you go for antenatal care?

bcpp\_subject\_pregnancy.anc\_last\_pregnancy

- Yes
- No
- Don't want to answer

#### 6. During your last pregnancy (not current pregnancy) were you tested for HIV?

bcpp\_subject\_pregnancy.hiv\_last\_pregnancy

- Yes
- No
- Not Sure

*If respondent was aware that she was HIV-positive prior to last pregnancy*

7. Were you given antiretroviral medications to protect the baby?

bcpp\_subject\_pregnancy.preg\_arv

- Yes, AZT (single drug, twice a day)
- Yes, HAART [multiple drugs like Atripla, Truvada, or Combivir taken once or twice a day]
- I am not sure
- Don't want to answer
- No ARV's

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

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## Non Pregnancy

Edc Docstring: A model completed by the user for female participants who are not pregnant.

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_nonpregnancy.subject\_visit

- dropdown [SubjectVisit]

### 2. Do you wish to have a child now or in the future?

bcpp\_subject\_nonpregnancy.more\_children

- Yes
- No
- Not Sure

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

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## Medical Diagnoses

Edc Docstring: A model completed by the user to record any major illnesses in the past 12 months.

**Instructions:** annualbaseline

### 1. subject visit

bcpp\_subject\_medicaldiagnoses.subject\_visit

- dropdown [SubjectVisit]

### 2. Do you recall or is there a record of having any of the following serious illnesses?

bcpp\_subject\_medicaldiagnoses.diagnoses select multiple options

- Heart Disease or Stroke
- Cancer
- Tuberculosis
- STI (Sexually Transmitted Infection)
- Other serious infection
- None

*tick all that apply*

3. Is a record (OPD card, discharge summary) of a heart disease or stroke diagnosis available to review?

bcpp\_subject\_medicaldiagnoses.heart\_attack\_record

- Yes
  - No
-

- Don't want to answer

*Please review the available OPD card or other medical records, for all participants*

4. Is a record (OPD card, discharge summary) of a cancer diagnosis available to review?

bcpp\_subject\_medicaldiagnoses.cancer\_record

- Yes
- No
- Don't want to answer

*Please review the available OPD card or other medical records, for all participants*

5. Is a record (OPD card, discharge summary, TB card) of a tuberculosis infection available to review?

bcpp\_subject\_medicaldiagnoses.tb\_record

- Yes
- No
- Don't want to answer

*Please review the available OPD card or other medical records, for all participants*

### Interform rules (Rule Groups)

1. MedicalDiagnosesRuleGroup.tb\_record\_tuberculosis()
  - Returns True if tb\_record equals Yes. If True sets *Tuberculosis* to 'new' otherwise 'not\_required'.
2. MedicalDiagnosesRuleGroup.cancer\_record()
  - Returns True if cancer\_record equals Yes. If True sets *Cancer* to 'new' otherwise 'not\_required'.
3. MedicalDiagnosesRuleGroup.heart\_attack\_record()
  - Returns True if heart\_attack\_record equals Yes. If True sets *Heart Attack or Stroke* to 'new' otherwise 'not\_required'.

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

### Heart Attack or Stroke

Edc Docstring: A model completed by the user to record any heart conditions in the past 12 months.

**Instructions:** Note to Interviewer: This form is to be filled for all participants even if they do not have a record (on hand) of the diagnosis.

#### 1. subject visit

bcpp\_subject\_heartattack.subject\_visit

- dropdown [SubjectVisit]

#### 2. Date of the heart disease or stroke diagnosis:

bcpp\_subject\_heartattack.date\_heart\_attack

#### 3. [Interviewer:] What is the heart disease or stroke diagnosis as recorded?

bcpp\_subject\_heartattack.dx\_heart\_attack select multiple options

- Myocardial infarction (heart attack)
- Congestive cardiac failure
- Stroke (cerebrovascular accident, CVA)
- Other, specify
- Don't want to answer

(tick all that apply)

#### 4. ...if "Other", specify

bcpp\_subject\_heartattack.dx\_heart\_attack\_other

\_\_\_\_\_

Exported from Edc. Revision tag: 1.11.48-11-gfd0f59d

## Cancer

Edc Docstring: A model completed by the user to record any diagnosis of cancer in the past 12 months.

**Instructions:** Note to Interviewer: This form is to be filled for all participants even if they do not have a record (on hand) of the diagnosis.

### 1. subject visit

bcpp\_subject\_cancer.subject\_visit

- dropdown [SubjectVisit]

### 2. Date of the diagnosis of cancer:

bcpp\_subject\_cancer.date\_cancer

\_\_\_\_\_

### 3. [Interviewer:] What is the cancer diagnosis as recorded?

bcpp\_subject\_cancer.dx\_cancer

- Kaposi's sarcoma (KS)
- Cervical cancer
- Breast cancer
- Non-Hodgkin's lymphoma (NHL)
- Colorectal cancer
- Prostate cancer
- Cancer of mouth, throat, voice box (larynx)
- Cancer of oesophagus
- Other, specify:
- Don't want to answer

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## Potentially HIV-related illnesses

Edc Docstring: A model completed by the user to record any potentially HIV-related illness in the past 12 months.

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_sti.subject\_visit

- dropdown [SubjectVisit]

### 2. [Interviewer:] Indicate each potentially HIV-related illness that is reported by the participant and/or recorded in his or her medical records

bcpp\_subject\_sti.sti\_dx select multiple options

- Severe weight loss (wasting) - more than 10% of body weight
- None
- Unexplained diarrhoea for one month



- Yeast infection of mouth or oesophagus
- Severe pneumonia or meningitis or sepsis
- PCP (Pneumocystis pneumonia)
- Herpes infection for more than one month
- Other, specify

(tick all that apply)

**3. ...if "Other", specify**

bcpp\_subject\_sti.sti\_dx\_other

\_\_\_\_\_

**4. wasting diagnosis date**

bcpp\_subject\_sti.wasting\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**5. Diarrhoea diagnosis date**

bcpp\_subject\_sti.diarrhoea\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**6. Yeast Infection diagnosis date**

bcpp\_subject\_sti.yeast\_infection\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**7. Pneumonia diagnosis date**

bcpp\_subject\_sti.pneumonia\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**8. Date diagnosed with PCP**

bcpp\_subject\_sti.pcp\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**9. Date diagnosed with herpes**

bcpp\_subject\_sti.herpis\_date

\_\_\_\_\_

*If participant has a record, provide the details on the card. If no card, provide verbal response.*

**10. Comments**

bcpp\_subject\_sti.comments

\_\_\_\_\_

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## Tuberculosis

Edc Docstring: A model completed by the user to record any diagnosis of Tuberculosis in the past 12 months.

**Instructions:** Note to Interviewer: This form is to be filled for all participants even if they do not have a record (on hand) of the diagnosis.

### 1. subject visit

bcpp\_subject\_tuberculosis.subject\_visit

- dropdown [SubjectVisit]

### 2. Date of the diagnosis of tuberculosis:

bcpp\_subject\_tuberculosis.date\_tb

---

### 3. [Interviewer:]What is the tuberculosis diagnosis as recorded?

bcpp\_subject\_tuberculosis.dx\_tb

- Pulmonary tuberculosis
- Extrapulmonary (outside the lungs) tuberculosis
- Other, specify:
- Don't want to answer

### 4. ...if "Other", specify

bcpp\_subject\_tuberculosis.dx\_tb\_other

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## TB Symptoms

Edc Docstring: TbSymptoms(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, cough, fever, lymph\_nodes, cough\_blood, night\_sweat, weight\_loss)

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_tbsymptoms.subject\_visit

- dropdown [SubjectVisit]

### 2. Does the participant currently have a COUGH that has lasted for more than 2 weeks?

bcpp\_subject\_tbsymptoms.cough

- Yes
- No

### 3. In the last two weeks has the participant had FEVER?

bcpp\_subject\_tbsymptoms.fever

- Yes
- No

### 4. Does the participant currently have ENLARGED LYMPH NODES?

bcpp\_subject\_tbsymptoms.lymph\_nodes

- Yes
  - No
-

**5. In the last two weeks has the participant COUGHED UP BLOOD?**

bcpp\_subject\_tbsymptoms.cough\_blood

- Yes
- No

**6. In the last two weeks has the participant had NIGHT SWEATS?**

bcpp\_subject\_tbsymptoms.night\_sweat

- Yes
- No

**7. In the last month has the participant had unexplained WEIGHT LOSS?**

bcpp\_subject\_tbsymptoms.weight\_loss

- Yes
- No

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**Quality of Life**

Edc Docstring: A model completed by the user to capture information about QOL

**Instructions:** Note to Interviewer: In this section, read the heading (question) and then each of the 5 possible responses for each question. Do not read -Do not want to answer-, but record this if respondent declines to answer. To start, I will ask some questions regarding your overall health. Under each heading, please indicate the ONE statement that best describes your health TODAY.

**1. subject visit**

bcpp\_subject\_qualityoflife.subject\_visit

- dropdown [SubjectVisit]

**2. Mobility**

bcpp\_subject\_qualityoflife.mobility

- I have no problems in walking about
- I have slight problems in walking about
- I have moderate problems in walking about
- I have severe problems in walking about
- I am unable to walk about
- Don't want to answer

**3. Self-Care**

bcpp\_subject\_qualityoflife.self\_care

- I have no problems washing or dressing myself
- I have slight problems washing or dressing myself
- I have moderate problems washing or dressing myself
- I have severe problems washing or dressing myself
- I am unable to wash or dress myself
- Don't want to answer

**4. Usual Activities (e.g. work, study, housework, family or leisure activities)**

bcpp\_subject\_qualityoflife.activities

- I have no problems doing my usual activities
  - I have slight problems doing my usual activities
-

- I have moderate problems doing my usual activities
- I have severe problems doing my usual activities
- I am unable to do my usual activities
- Don't want to answer

## 5. Pain / Discomfort

bcpp\_subject\_qualityoflife.pain

- I have no pain or discomfort
- I have slight pain or discomfort
- I have moderate pain or discomfort
- I have severe pain or discomfort
- I have extreme pain or discomfort
- Don't want to answer

## 6. Anxiety / Depression

bcpp\_subject\_qualityoflife.anxiety

- I am not anxious or depressed
- I am slightly anxious or depressed
- I am moderately anxious or depressed
- I am severely anxious or depressed
- I am extremely anxious or depressed
- Don't want to answer

7. We would like to know how good or bad your health is TODAY. This scale is numbered from 0 to 100. 100 means the 'best' health you can imagine. 0 means the 'worst' health you can imagine. Indicate on the scale how your health is TODAY.

bcpp\_subject\_qualityoflife.health\_today

*Note: Interviewer, please record corresponding number in the boxes. If participant does not want to answer, leave blank*

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## Resource Utilization Costs

Edc Docstring: A model completed by the user to capture information about participants use of resources to obtain medical care.

**Instructions:** Complete this interview with the participant and enter the participant's response for each question. Each question is to be answered by the participant, not the interviewer. Please check only one box for each question. Next, I will ask questions about health care visits over the past three months. Please think about all visits for any health issue, including pregnancy.

### 1. subject visit

bcpp\_subject\_resourceutilization.subject\_visit

- dropdown [SubjectVisit]

**2. In the last 3 months, have you sought outpatient medical care for yourself? Not including any visits for which you were hospitalized.**

bcpp\_subject\_resourceutilization.out\_patient

- Yes
- No

- Refused to answer

3. In the last 3 months, how many times were you admitted to hospital or other types of inpatient care and stayed one or more nights? This could be a government, private, or church/mission hospital.

bcpp\_subject\_resourceutilization.hospitalized

\_\_\_\_\_

4. In the last 3 months, how much money in total have you spent on medicines for yourself?

bcpp\_subject\_resourceutilization.money\_spent

\_\_\_\_\_

5. Were any of these costs for medicines or special foods covered by anyone else, such as your medical aid or employer?

bcpp\_subject\_resourceutilization.medical\_cover

- Yes
- No
- Refused to answer

### Interform rules (Rule Groups)

1. ResourceUtilizationRuleGroup.hospitalized()

- Returns True if hospitalized equals 0. If True sets *Hospital Admission* to 'not\_required' otherwise 'new'.

2. ResourceUtilizationRuleGroup.out\_patient()

- Returns True if out\_patient equals no OR out\_patient equals Refuse. If True sets *Outpatient care* to 'not\_required' otherwise 'new'.

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### Outpatient care

Edc Docstring: A model completed by the user to capture information about any outpatient care obtained by the participant.

**Instructions:** Please complete the questions below.

#### 1. subject visit

bcpp\_subject\_outpatientcare.subject\_visit

- dropdown [SubjectVisit]

**2. In the last 3 months, did you seek care at a Government Primary Health Clinic/Post? Not including any visits for which you were hospitalized.**

bcpp\_subject\_outpatientcare.govt\_health\_care

- Yes
- No
- Refused to answer

**3. In the last 3 months, did you seek care at a Hospital Outpatient Department, including Govt, private and church/mission hospitals? Not including any visits for which you were hospitalized.**

bcpp\_subject\_outpatientcare.dept\_care

- Yes
- No
- Refused to answer

**4. In the last 3 months, did you seek care from a Private Doctor?**

bcpp\_subject\_outpatientcare.prvt\_care

- Yes
- No
- Refused to answer

**5. In the last 3 months, did you seek care from a Traditional or Faith Healer?**

bcpp\_subject\_outpatientcare.trad\_care

- Yes
- No
- Refused to answer

**6. In the last 3 months, how many total outpatient visits have you to all of the above places?**

bcpp\_subject\_outpatientcare.care\_visits

\_\_\_\_\_

*Note: If participant does not want to answer, leave blank.*

**7. For the most recent outpatient medical care visit in the past 3 months, which type of facility did you visit?**

bcpp\_subject\_outpatientcare.facility\_visited

- Government Primary Health Clinic/Post
- Chemist/Pharmacy
- Hospital Outpatient Department (including government and private)
- Private Doctor
- Traditional or Faith Healer
- No visit in past 3 months
- Don't want to answer

*if 'NOT Government Primary Health Clinic/Post' go to question Q9.*

**8. For this most recent visit to a Government Primary Health Clinic/Post, which clinic did you visit?**

bcpp\_subject\_outpatientcare.specific\_clinic

\_\_\_\_\_

*Note: If participant does not want to answer, leave blank*

**9. For this most recent medical care visit, what was the primary reason you sought care?**

bcpp\_subject\_outpatientcare.care\_reason

- HIV-related care, including TB and other opportunistic infections
- Pregnancy-related care, including delivery
- Injuries or accidents
- Chronic disease related care, including high blood pressure, diabetes, cancer, mental illness
- Other
- Don't want to answer
- None

**10. ...if "Other", specify**

bcpp\_subject\_outpatientcare.care\_reason\_other

\_\_\_\_\_

**11. For this most recent outpatient medical care visit, how much did you have to pay to the health care provider, including any medicines?**

bcpp\_subject\_outpatientcare.outpatient\_expense

---

*If participant has not paid anything for outpatient medical care, please enter 0.00*

12. For this most recent outpatient medical care visit, how long did it take you to get to the clinic?

bcpp\_subject\_outpatientcare.travel\_time

- None
- Under 0.5 hour
- 0.5 to under 1 hour
- 1 to under 2 hours
- 2 to under 3 hours
- More than 3 hours
- Don't want to answer

13. For this most recent outpatient medical care visit, how much did you have to pay for transport, food and accommodation? [include cost for fuel if using a private car]

bcpp\_subject\_outpatientcare.transport\_expense

---

*If participant has not paid anything for outpatient medical care, please enter 0.00*

14. For this most recent outpatient medical care visit, were any of these costs by covered by anyone else, such as your medical aid or employer?

bcpp\_subject\_outpatientcare.cost\_cover

- Yes
- No
- Refused to answer

15. For this most recent outpatient medical care visit, how long did you have to wait before you were seen, from when you arrived at the facility?

bcpp\_subject\_outpatientcare.waiting\_hours

- None
- Under 0.5 hour
- 0.5 to under 1 hour
- 1 to under 2 hours
- 2 to under 3 hours
- More than 3 hours
- Don't want to answer

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## Hospital Admission

Edc Docstring: A model completed by the user to capture information about hospital admissions

**Instructions:** Read to Participant: For the next set of questions please think about times you were admitted to a hospital in the last 3 months

### 1. subject visit

bcpp\_subject\_hospitaladmission.subject\_visit

- dropdown [SubjectVisit]

2. How many total nights did you spend in the hospital in the past 3 months?

bcpp\_subject\_hospitaladmission.admission\_nights

---

\_\_\_\_\_

*Note: If participant does not want to answer, leave blank*

3. What was the primary reason for the most recent hospitalization in the past 3 months?

bcpp\_subject\_hospitaladmission.reason\_hospitalized

- HIV-related care, including TB and other opportunistic infections
- Pregnancy-related care, including delivery
- Injuries or accidents
- Chronic disease related care, including high blood pressure, diabetes, cancer, mental illness
- Other
- Don't want to answer
- None

4. For this most recent hospitalization, where were you hospitalized?

bcpp\_subject\_hospitaladmission.facility\_hospitalized

\_\_\_\_\_

5. For this most recent hospitalization, how many nights total did you spend in the hospital?

bcpp\_subject\_hospitaladmission.nights\_hospitalized

\_\_\_\_\_

6. How much did you have to pay to the healthcare provider for the entire stay, including any medicines?

bcpp\_subject\_hospitaladmission.healthcare\_expense

\_\_\_\_\_

*Pula*

7. For this most recent hospitalization, how long did it take you to get to the hospital?

bcpp\_subject\_hospitaladmission.travel\_hours

- None
- Under 0.5 hour
- 0.5 to under 1 hour
- 1 to under 2 hours
- 2 to under 3 hours
- More than 3 hours
- Don't want to answer

8. For this most recent hospitalization, how much did you have to pay for transport, food and accommodation, including fuel if you used your own car?

bcpp\_subject\_hospitaladmission.total\_expenses

\_\_\_\_\_

*Note: If participant does not want to answer, leave blank. Currency is Pula*

9. For this most recent hospitalization, were any of these costs covered by anyone else, such as your medical aid or employer?

bcpp\_subject\_hospitaladmission.hospitalization\_costs

- Yes
- No
- Refused to answer



---

**HIV health care costs**

Edc Docstring: A model completed by the user to capture information from the participant about obtaining medical or clinical care related to HIV.

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_hivhealthcarecosts.subject\_visit

- dropdown [SubjectVisit]

**2. Have you ever received HIV related medical/clinical care?**

bcpp\_subject\_hivhealthcarecosts.hiv\_medical\_care

- Yes
- No
- Refused to answer

**3. If you have never received HIV related medical/clinical care, why not?**

bcpp\_subject\_hivhealthcarecosts.reason\_no\_care

- I am not thinking about HIV related medical/clinical care at this time
- HIV related medical/clinical care for my HIV infection is important to me but I am not ready to start it yet
- I have thought about starting HIV related medical/clinical care but have not yet tried to find a doctor or clinic
- I have found a doctor or clinic for HIV related medical/clinical care but have not yet tried to make an appointment
- I have tried to obtain HIV related medical/clinical care from a doctor or clinic but have not been successful yet
- I have an appointment for HIV related medical/clinical care for my HIV infection but have not been for it yet
- I don't know where to go for HIV related medical/clinical care
- I do not have the money for HIV related medical/clinical care
- Don't want to answer

**4. Where do you receive most of your HIV related health care?**

bcpp\_subject\_hivhealthcarecosts.place\_care\_received

- None
- Government dispensary
- Government health center
- Government hospital
- Christian/mission health center
- Islamic health center
- Private health center for all illnesses
- Private health center for HIV/AIDS
- Mobile services
- Plantation health center
- NGO clinic
- Don't want to answer

**5. In the past 3 months, how many times did you have clinic visits to see a health care worker, a nurse, or doctor?**

bcpp\_subject\_hivhealthcarecosts.care\_regularity

- 0 times
  - 1 time
  - 2 times
  - 3 times
  - 4 times
-

- 5 times
- 6-10 times
- More than 10 times
- Don't want to answer

*Do not include medicine re-fill visits.*

6. In the last 3 months, how often did someone take you to the doctor?

bcpp\_subject\_hivhealthcarecosts.doctor\_visits

- All of the time (always)
- Most of the time (almost always)
- Some of the time (sometimes)
- Almost none of the time (rarely)
- None of the time (never)
- Don't want to answer

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## Labour Market & Lost Wages

Edc Docstring: A model completed by the user to capture information about the participants experience in the labour market.

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_labourmarketwages.subject\_visit

- dropdown [SubjectVisit]

### 2. Are you currently employed?

bcpp\_subject\_labourmarketwages.employed

- Yes, In the government sector
- Yes, in the private sector
- Yes, self-employed working on my own
- Yes, self-employed with own employees
- No, not working
- Don't want to answer

3. What is your primary occupation?

bcpp\_subject\_labourmarketwages.occupation

- Farmer (own land)
- Farm worker (work on employers land)
- Domestic Worker
- Work at Tavern/Bar/Entertainment Venue
- Mining
- Tourism/game parks
- Informal vendors
- Commercial sex work
- Transport (e.g., trucker)
- Factory worker
- Informal vendors
- Clerical and office work
- Small business/shop work

- Professional
- Fishing
- Uniformed services
- Other, specify:
- Don't want to answer

*main source of income.*

**4. ...if "Other", specify**

bcpp\_subject\_labourmarketwages.occupation\_other

\_\_\_\_\_

5. In the past 3 months, how many times have you changed your job? For example, changed your type of work or your employer.

bcpp\_subject\_labourmarketwages.job\_description\_change

\_\_\_\_\_

*Note: Enter number of times. If participant does not want to answer, leave blank*

6. In the past month, how many days did you work?.

bcpp\_subject\_labourmarketwages.days\_worked

\_\_\_\_\_

*Note: Enter number of times. If participant does not want to answer, leave blank*

7. In the past month, what was your income?

bcpp\_subject\_labourmarketwages.monthly\_income

- No income
- 1-199 pula
- 200-499 pula
- 500-999 pula
- 1000-4999 pula
- 5000-10,000 pula
- More than 10,000 pula
- Don't want to answer

8. How were you paid for your work?

bcpp\_subject\_labourmarketwages.salary\_payment

- Fixed salary
- Paid daily
- Paid hourly
- Don't want to answer

9. In the past month, what was the income of your household?

bcpp\_subject\_labourmarketwages.household\_income

- None
  - 1-200 pula
  - 200-499 pula
  - 500-999 pula
  - 1000-4999 pula
  - 5000-10,000 pula
  - 10,000-20,000 pula
-

- More than 20,000 pula
- I am not sure
- Don't want to answer

10. If you are not currently doing anything to earn money, then are you:

bcpp\_subject\_labourmarketwages.other\_occupation

- None
- Studying
- Doing housework
- Looking for work
- Doing nothing (not looking for paid work)
- Retired/old age
- Pregnant or recently pregnant
- Sick or injured
- Other, specify:
- Don't want to answer

11. ...if "Other", specify

bcpp\_subject\_labourmarketwages.other\_occupation\_other

\_\_\_\_\_

12. Do you receive any government grant for yourself or on behalf of someone else?

bcpp\_subject\_labourmarketwages.govt\_grant

- Yes
- No
- Refused to answer

13. In the past month, how many nights did you spend away from home?.

bcpp\_subject\_labourmarketwages.nights\_out

\_\_\_\_\_

*Note: Enter number of nights. If participant does not want to answer, leave blank*

14. In the last 12 months, have you spent more than 2 weeks away?

bcpp\_subject\_labourmarketwages.weeks\_out

- Yes
- No
- Refused to answer

15. How many days have you been prevented from working because of sickness or visits to seek healthcare in the last 3 months.

bcpp\_subject\_labourmarketwages.days\_not\_worked

\_\_\_\_\_

*Note: Enter number of days including zero. If participant does not want to answer, leave blank*

16. How many days have you been prevented by illness from doing the things you normally do (studying, housework etc.) because of sickness or visits to seek healthcare in the last 3 months?

bcpp\_subject\_labourmarketwages.days\_inactivite

\_\_\_\_\_

*Note: Enter number of days including zero. If participant does not want to answer, leave blank*

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### Today's HIV Result

Edc Docstring: HivResult(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, hiv\_result, hiv\_result\_datetime, blood\_draw\_type, insufficient\_vol, why\_not\_tested)

**Instructions:** Please complete the questions below.

#### 1. subject visit

bcpp\_subject\_hivresult.subject\_visit

- dropdown [SubjectVisit]

#### 2. Today's HIV test result

bcpp\_subject\_hivresult.hiv\_result

- HIV Positive (Reactive)
- HIV Negative (Non-reactive)
- Indeterminate
- Participant declined testing
- Test could not be performed (e.g. supply outage, technical problem)

*If participant declined HIV testing, please select a reason below.*

#### 3. Today's HIV test result date and time

bcpp\_subject\_hivresult.hiv\_result\_datetime

---

#### 4. What type of blood was used for the test

bcpp\_subject\_hivresult.blood\_draw\_type

- Capillary
- Venous
- Not applicable

#### 5. If capillary, is the volume less than 350uL?

bcpp\_subject\_hivresult.insufficient\_vol

- Yes
- No
- Not applicable

*Note: if capillary blood and less than 350uL, an additional venous blood draw is required*

#### 6. What was the main reason why you did not want HIV testing as part of today's visit?

bcpp\_subject\_hivresult.why\_not\_tested

- I already knew I am HIV positive
  - I recently tested (I know my status)
  - I didn't believe I was at risk of getting HIV
  - I am afraid to find out the result
  - I am afraid of what others would think of me
  - Family/friends did not want me to get an HIV test
  - I didn't have time due to work
  - I didn't have time due to family obligations
  - My sexual partner did not want me to get an HIV test
  - I am not sure
-

- Don't want to answer

*Note: Only asked of individuals declining HIV testing during this visit.*

### Interform rules (Rule Groups)

#### 1. RequisitionRuleGroup1.elisa\_result()

- Returns True if the participant tests indeterminate today.. If True sets *Elisa's HIV Result* to 'new' otherwise 'not\_required'.

#### 2. RequisitionRuleGroup1.rbd\_for\_pos()

- Returns True or False to indicate a participant should be offered an rbd.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

#### 3. RequisitionRuleGroup1.hic()

- If the participant still test HIV NEG and was not HIC enrolled then HIC should be REQUIRED. . If True sets *Hic Enrollment* to 'new' otherwise 'not\_required'.

#### 4. RequisitionRuleGroup1.serve\_sti\_form()

- Returns True if the participant is known or newly diagnosed HIV positive.. If True sets *Potentially HIV-related illnesses* to 'new' otherwise 'not\_required'.

#### 5. RequisitionRuleGroup1.vl\_for\_pos()

- Returns True or False to indicate participant needs to be offered a viral load.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

#### 6. RequisitionRuleGroup1.pima\_for\_art\_naive()

- Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.

#### 7. RequisitionRuleGroup1.microtube\_for\_neg()

- **missing docstring**. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

#### 8. RequisitionRuleGroup1.venous\_for\_vol()

- Returns True if insufficient\_vol equals Yes OR blood\_draw\_type equals venous. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

#### 9. RequisitionRuleGroup1.elisa\_for\_ind()

- Returns True if the participant tests indeterminate today.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

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### Elisa's HIV Result

Edc Docstring: ElisaHivResult(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, hiv\_result, hiv\_result\_datetime)

**Instructions:** Please complete the questions below.

#### 1. subject visit

bcpp\_subject\_elisahivresult.subject\_visit

- dropdown [SubjectVisit]

#### 2. HIV test result from the Elisa

bcpp\_subject\_elisahivresult.hiv\_result

- HIV Positive (Reactive)
- HIV Negative (Non-reactive)

## 3. HIV test result from the Elisa date and time

bcpp\_subject\_elisahivresult.hiv\_result\_datetime

**Interform rules (Rule Groups)**

## 1. RequisitionRuleGroup5.rbd\_for\_pos()

- Returns True or False to indicate a participant should be offered an rbd.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

## 2. RequisitionRuleGroup5.hic()

- If the participant still test HIV NEG and was not HIC enrolled then HIC should be REQUIRED. . If True sets *Hic Enrollment* to 'new' otherwise 'not\_required'.

## 3. RequisitionRuleGroup5.pima\_for\_art\_naive()

- Returns True or False for doing PIMA based on hiv status and art status at each survey.. If True sets *PIMA CD4 count* to 'new' otherwise 'not\_required'.

## 4. RequisitionRuleGroup5.microtube\_for\_neg()

- **missing docstring**. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

## 5. RequisitionRuleGroup5.vl\_for\_pos()

- Returns True or False to indicate participant needs to be offered a viral load.. If True sets *Subject Requisition* to 'new' otherwise 'not\_required'.

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**PIMA CD4 count**

Edc Docstring: Pima(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, pima\_today, pima\_today\_other, pima\_today\_other\_other, pima\_id, cd4\_datetime, cd4\_value)

**Instructions:** Please complete the questions below.**1. subject visit**

bcpp\_subject\_pima.subject\_visit

- dropdown [SubjectVisit]

**2. Was a PIMA CD4 done today?**

bcpp\_subject\_pima.pima\_today

- Yes
- No

## 3. If no PIMA CD4 today, please explain why

bcpp\_subject\_pima.pima\_today\_other

- Participant Declined
- Multiple PIMA malfunction
- Failed Blood Collection
- Other, specify:

**4. ...if "Other", specify**

bcpp\_subject\_pima.pima\_today\_other\_other

## 5. PIMA CD4 machine ID?

bcpp\_subject\_pima.pima\_id

\_\_\_\_\_

*type this id directly from the machine as labeled*

6. PIMA CD4 count

bcpp\_subject\_pima.cd4\_value

\_\_\_\_\_

7. PIMA CD4 Date and time

bcpp\_subject\_pima.cd4\_datetime

\_\_\_\_\_

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## Subject Referral

Edc Docstring: A model completed by the user to indicate a referral to care.

**Instructions:** Please complete the questions below.

**1. subject visit**

bcpp\_subject\_subjectreferral.subject\_visit

- dropdown [SubjectVisit]

**2. Report Date**

bcpp\_subject\_subjectreferral.report\_datetime

\_\_\_\_\_

*If reporting today, use today's date/time, otherwise use the date/time this information was reported.*

**3. subject referred**

bcpp\_subject\_subjectreferral.subject\_referred

- Yes, subject has been handed a referral letter
- No, subject has not been handed a referral letter
- Subject refused referral the referral letter

4. Previously scheduled clinic appointment date in this BHS community

bcpp\_subject\_subjectreferral.scheduled\_appt\_date

\_\_\_\_\_

*Use the IDCC date. If subject is pregnant, use the ANC date instead of the IDCC date. If the subject does not have a scheduled appointment, leave blank*

**5. Reason for not attending suggested appointment date**

bcpp\_subject\_subjectreferral.referral\_appt\_comment

- not applicable
  - have another commitment
  - prefer another health facility than the local clinic
  - prefer to come on my own convenient time
  - have to think about it
  - need time to accept my HIV status
  - have already registered with ANC and have another appointment
  - personal reasons
-



*If subject is unsure about attending the suggested appointment date, indicate the reason.*

## 6. Comment

bcpp\_subject\_subjectreferral.comment

\_\_\_\_\_

**IMPORTANT:** Do not include any names or other personally identifying information in this comment

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## Hic Enrollment

Edc Docstring: HicEnrollment(created, modified, user\_created, user\_modified, hostname\_created, hostname\_modified, revision, id, consent\_version, subject\_visit\_id, report\_datetime, hic\_permission, permanent\_resident, intend\_residency, hiv\_status\_today, dob, household\_residency, citizen\_or\_spouse, locator\_information, consent\_datetime)

**Instructions:** Please complete the questions below.

### 1. subject visit

bcpp\_subject\_hicenrollment.subject\_visit

- dropdown [SubjectVisit]

### 2. Date of birth

bcpp\_subject\_hicenrollment.dob

\_\_\_\_\_

*Format is YYYY-MM-DD. From Subject Consent.*

### 3. Is it okay for the project to visit you every year for the next three years for further questions and testing?

bcpp\_subject\_hicenrollment.hic\_permission

- Yes
- No

*If 'No', subject is not eligible.*

### 4. permanent resident

bcpp\_subject\_hicenrollment.permanent\_resident

\_\_\_\_\_

*From Residency and Mobility. Eligible if Yes.*

### 5. intend residency

bcpp\_subject\_hicenrollment.intend\_residency

\_\_\_\_\_

*From Residency and Mobility. Eligible if No.*

### 6. hiv status today

bcpp\_subject\_hicenrollment.hiv\_status\_today

\_\_\_\_\_

*From Today's HIV Result. Eligible if Negative.*

### 7. household residency

bcpp\_subject\_hicenrollment.household\_residency

\_\_\_\_\_

*Is Participant a Household Member. Eligible if Yes.*

## 8. citizen or spouse

bcpp\_subject\_hicenrollment.citizen\_or\_spouse

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*From Subject Consent. Is participant a citizen, or married to citizen with a valid marriage certificate?*

## 9. locator information

bcpp\_subject\_hicenrollment.locator\_information

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*From Subject Locator. Is the locator form filled and all necessary contact information collected?***10. Consent date and time**

bcpp\_subject\_hicenrollment.consent\_datetime

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*From Subject Consent.*

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# Article Sources and Contributors

**BHP066** Edc Exported Form Text: Survey V3 CPC T1 *Source:* <http://wiki.bhp.org.bw/index.php?oldid=62002> *Contributors:* Erikvw