

BHP066 Edc Exported Form Text: Survey V3 CPC T0

T0: Baseline Household Survey

Subject Locator

Edc Docstring: A model completed by the user to that captures participant locator information and permission to contact.

Instructions: Please complete the questions below.

1. subject visit

bcpp_subject_subjectlocator.subject_visit

- dropdown [SubjectVisit]

2. Date Locator Form signed

bcpp_subject_subjectlocator.date_signed

3. Mailing address

bcpp_subject_subjectlocator.mail_address

(Encryption: aes local)

4. Has the participant given his/her permission for study staff to make home visits for follow-up purposes during the study?

bcpp_subject_subjectlocator.home_visit_permission

- Yes
- No

5. Physical address with detailed description

bcpp_subject_subjectlocator.physical_address

(Encryption: aes local)

6. Has the participant given his/her permission for study staff to call her for follow-up purposes during the study?

bcpp_subject_subjectlocator.may_follow_up

- Yes
- No

7. Has the participant given his/her permission for study staff to SMS her for follow-up purposes during the study?

bcpp_subject_subjectlocator.may_sms_follow_up

- Yes
- No

8. Cell number

bcpp_subject_subjectlocator.subject_cell

(Encryption: rsa local)

9. Cell number (alternate)

bcpp_subject_subjectlocator.subject_cell_alt

(Encryption: rsa local)

10. Telephone

bcpp_subject_subjectlocator.subject_phone

(Encryption: rsa local)

11. Telephone (alternate)

bcpp_subject_subjectlocator.subject_phone_alt

*(Encryption: rsa local)***12. Has the participant given his/her permission for study staff to contact anyone else for follow-up purposes during the study?**

bcpp_subject_subjectlocator.may_contact_someone

- Yes
- No

For example a partner, spouse, family member, neighbour ...

13. Full names of the contact person

bcpp_subject_subjectlocator.contact_name

(Encryption: rsa local)

14. Relationship to participant

bcpp_subject_subjectlocator.contact_rel

(Encryption: rsa local)

15. Full physical address

bcpp_subject_subjectlocator.contact_physical_address

(Encryption: aes local)

16. Cell number

bcpp_subject_subjectlocator.contact_cell

(Encryption: rsa local)

17. Cell number (alternate)

bcpp_subject_subjectlocator.alt_contact_cell_number

(Encryption: rsa local)

18. Telephone number

bcpp_subject_subjectlocator.contact_phone

(Encryption: rsa local)

19. If we are unable to contact the person indicated above, is there another individual (including next of kin) with whom the study team can get in contact with?

bcpp_subject_subjectlocator.has_alt_contact

- Yes
- No

20. Full Name of the responsible person

bcpp_subject_subjectlocator.alt_contact_name

include first name and surname (Encryption: rsa local)

21. Relationship to participant

bcpp_subject_subjectlocator.alt_contact_rel

(Encryption: rsa local)

22. Cell number

bcpp_subject_subjectlocator.alt_contact_cell

(Encryption: rsa local)

23. Cell number (alternate)

bcpp_subject_subjectlocator.other_alt_contact_cell

(Encryption: rsa local)

24. Telephone number

bcpp_subject_subjectlocator.alt_contact_tel

(Encryption: rsa local)

25. Has the participant given his/her permission for study staff to contact her at work for follow up purposes during the study?

bcpp_subject_subjectlocator.may_call_work

- Yes
- No
- Doesnt Work

26. Name and location of work place

bcpp_subject_subjectlocator.subject_work_place

(Encryption: aes local)

27. Work telephone number

bcpp_subject_subjectlocator.subject_work_phone

(Encryption: rsa local)

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

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. How long have you lived in this community?

bcpp_subject_residencymobility.length_residence

- Less than 6 months
- 6 months to 12 months
- 1 to 5 years
- More than 5 years
- Don't want to answer

3. 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.

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

bcpp_subject_residencymobility.intend_residency

- Yes
- No

5. 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

6. 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

7. Give the name of the community

bcpp_subject_residencymobility.cattle_postlands_other

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Community Engagement

Edc Docstring: CommunityEngagement(created, modified, user_created, user_modified, hostname_created, hostname_modified, revision, id, consent_version, subject_visit_id, report_datetime, community_engagement, vote_engagement, problems_engagement_other, solve_engagement)

Instructions: Please complete the questions below.

1. subject visit

bcpp_subject_communityengagement.subject_visit

- dropdown [SubjectVisit]

2. How active are you in community activities such as burial society, Motshelo, Syndicate, PTA, VDC(Village Development Committee), Mophato and development of the community that surrounds you??

bcpp_subject_communityengagement.community_engagement

- Very active
- Somewhat active
- Not active at all
- Don't want to answer

3. Did you vote in the last local government election?

bcpp_subject_communityengagement.vote_engagement

- Yes
- No
- Not applicable (no election, can't vote)
- Don't want to answer

4. What are the major problems in this neighbourhood??

bcpp_subject_communityengagement.problems_engagement select multiple options

- Water
- Sewer (sanitation)
- Housing
- Roads
- Malaria
- HIV/AIDS
- Schools

- Unemployment
- Other, specify
- Don't want to answer

supplemental. Note: Interviewer to read question but NOT the responses. Check the boxes of any of problems mentioned.

5. ...if "Other", specify

bcpp_subject_communityengagement.problems_engagement_other

6. If there is a problem in this neighbourhood, do the adults work together in solving it?

bcpp_subject_communityengagement.solve_engagement

- Yes
- No
- Don't know
- Don't want to answer

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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 religion affiliation?

bcpp_subject_demographics.religion select multiple options

- Anglican
- Apostolic
- Baptist
- Catholic
- Evangelical
- Methodist
- Pentecostal
- Traditionalist
- ZCC
- Islam
- Hinduism
- Buddhism
- Other, specify
- No affiliation

3. ...if "Other", specify

bcpp_subject_demographics.religion_other

4. What is your ethnic group?

bcpp_subject_demographics.ethnic select multiple options

- Babirwa
- Bahambukushu
- Baherero
- Bahurutshe
- Bakalaka
- Bakgatla
- Bakwena
- Balete
- Bangwaketse
- Bangwato
- Bakgalagadi
- Basarwa
- Basobea
- Batawana
- Batlokwa
- Batswaping
- Bazezuri/Shona
- White African
- Indian African
- Asian
- Other, specify
- Don't want to answer

Ask for the original ethnic group

5. ...if "Other", specify

bcpp_subject_demographics.ethnic_other

6. 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

7. 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)

8. 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)

9. 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. What is your highest level of education attainment?

bcpp_subject_education.education

- Non formal
- Primary
- Junior Secondary
- Senior Secondary
- Higher than senior secondary (university, diploma, etc.)
- Don't want to answer

3. Are you currently working?

bcpp_subject_education.working

- Yes
- No

4. In your main job what type of work do you do?

bcpp_subject_education.job_type

- Occasional or Casual employment (piece job)
- Seasonal employment
- Formal wage employment (full-time)
- Formal wage employment (part-time)
- Self-employed in agriculture
- Self-employed making money, full time
- Self-employed making money, part time
- Other

5. What is the reason why you are not working?

bcpp_subject_education.reason_unemployed

- Waiting to continue agricultural work
 - Unemployed (looking for work)
 - Unemployed (waiting to start new work)
-

- Unable to work (permanently sick or injured)
- Student/ Apprentice/ Volunteer
- Housewife/ Homemaker (not looking for work)
- Retired
- Other
- Not looking for work

6. 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

7. 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. How many times before today have you had an HIV test?

bcpp_subject_hivtested.num_hiv_tests

3. 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

4. ...if "Other", specify

bcpp_subject_hivtested.where_hiv_test_other

5. Not including today's HIV test, which of the following statements best describes the reason you were tested the last [most recent] time you were tested before today?

bcpp_subject_hivtested.why_hiv_test

- I was worried I might have HIV and wanted to know my status
- I heard from someone I trust that it is important for me to get tested for HIV
- I was at a health facility where the doctor/nurse recommended I get tested for HIV during the same visit
- I read information on a brochure/flier that it is important for me to get tested for HIV
- Other
- I am not sure
- Don't want to answer

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

bcpp_subject_hivtested.hiv_pills

- Yes
- No
- Not Sure

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

bcpp_subject_hivtested.arvs_hiv_test

- Yes
 - No
-

- Not Sure

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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

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

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

Edc 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

- 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

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

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

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

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
- 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_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. When was your first positive HIV test result?

bcpp_subject_hivcareadherence.first_positive

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

3. Have you ever received HIV-related medical or clinical care, for such things as a CD4 count (masole), IDCC/ PMTCT registration, additional clinic-based counseling?

bcpp_subject_hivcareadherence.medical_care

- Yes

- No
- Don't want to answer

if 'YES', answer HIV medical care section

4. What is the main reason you have not received HIV-related medical or clinical care?

bcpp_subject_hivcareadherence.no_medical_care

- Did not feel sick
- Did not know I should get HIV care
- Did not have time due to work responsibilities
- Did not have time due to family/childcare responsibilities
- Transportation costs
- Was afraid of someone (friends/family) seeing me at the HIV clinic
- Traditional healer advised against going
- Religious beliefs
- Cultural beliefs
- Other, specify:
- I am not sure
- Don't want to answer

5. ...if "Other", specify

bcpp_subject_hivcareadherence.no_medical_care_other

6. Have you ever been recommended by a doctor/nurse or other healthcare worker to start antiretroviral therapy (ARVs), a combination of medicines to treat your HIV infection? [common medicines include: combivir, truvada, atripla, nevirapine]

bcpp_subject_hivcareadherence.ever_recommended_arv

- Yes
- No
- Don't want to answer

7. Have you ever taken any antiretroviral therapy (ARVs) for your HIV infection? [For women: Do not include treatment that you took during pregnancy to protect your baby from HIV]

bcpp_subject_hivcareadherence.ever_taken_arv

- Yes
- No
- Don't want to answer

8. What was the main reason why you have not started ARVs?

bcpp_subject_hivcareadherence.why_no_arv

- Did not feel sick
- Was afraid treatment would make me feel bad/sick
- Difficulty finding someone to go with me for counseling (mopati)
- Hard due to work responsibilities
- Hard due to family/childcare responsibilities
- 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
- High CD4
- Other, specify:
- I am not sure
- Don't want to answer

9. ...if "Other", specify

bcpp_subject_hivcareadherence.why_no_arv_other

10. 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.

11. 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.

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

bcpp_subject_hivcareadherence.arv_evidence

- Yes
- No

13. Which clinic facility are you already receiving therapy from?

bcpp_subject_hivcareadherence.clinic_receiving_from

14. When is your next appointment at this facility?

bcpp_subject_hivcareadherence.next_appointment_date

15. When did you stop taking ARV's?

bcpp_subject_hivcareadherence.arv_stop_date

16. 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

17. ...if "Other", specify

bcpp_subject_hivcareadherence.arv_stop_other

18. 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

19. 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

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

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

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

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

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

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.herples_date

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

10. Comments

bcpp_subject_sti.comments

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

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

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

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

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

Substance Use

Edc Docstring: SubstanceUse(created, modified, user_created, user_modified, hostname_created, hostname_modified, revision, id, consent_version, subject_visit_id, report_datetime, alcohol, smoke)

Instructions: Read to Participant: I would like to now ask you questions about drinking alcohol and smoking.

1. subject visit

bcpp_subject_substanceuse.subject_visit

- dropdown [SubjectVisit]

2. In the past month, how often did you consume alcohol?

bcpp_subject_substanceuse.alcohol

- Never
- Less than once a week
- Once a week
- 2 to 3 times a week
- more than 3 times a week
- Don't want to answer

If participant does not know exactly, ask to give a best guess.

3. Do you currently smoke any tobacco products, such as cigarettes, cigars, or pipes?

bcpp_subject_substanceuse.smoke

- Yes
- No
- Don't want to answer

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

Stigma

Edc Docstring: CS002

Instructions: The following supplemental questions are only asked for respondents NOT known to have HIV. SKIP for respondents with known HIV infection. Read to Participant: Different people feel differently about people living with HIV. I am going to ask you about issues relevant to HIV and AIDS and also people living with HIV. Some of the questions during the interview will ask for your opinion on how you think people living with HIV are treated. To start, when thinking about yourself, please tell me how strongly you agree or disagree with the following statements.

1. subject visit

bcpp_subject_stigma.subject_visit

- dropdown [SubjectVisit]

2. Would you be, or have you ever been, hesitant to take an HIV test due to fear of people's reaction if you tested positive for HIV.

bcpp_subject_stigma.anticipate_stigma

- Strongly disagree
 - Disagree
 - Uncertain
 - Agree
 - Strongly agree
 - Don't want to answer
-

3. I would be ashamed if someone in my family had HIV.

bcpp_subject_stigma.enacted_shame_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

4. I fear that I could contract HIV if I come into contact with the saliva of a person living with HIV.

bcpp_subject_stigma.saliva_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

5. I think that if a teacher is living with HIV but is not sick, he/she should be allowed to continue teaching in the school.

bcpp_subject_stigma.teacher_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

6. Children living with HIV should be able to attend school with children who are HIV negative.

bcpp_subject_stigma.children_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

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

Stigma Opinion

Edc Docstring: CS002

Instructions: Using your own opinions and thinking about this community, please tell me how strongly you agree or disagree with the following statements.

1. subject visit

bcpp_subject_stigmaopinion.subject_visit

- dropdown [SubjectVisit]
2. People are hesitant to take an HIV test due to fear of people's reaction if the test result is positive for HIV.

bcpp_subject_stigmaopinion.test_community_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

3. People talk badly about people living with or thought to be living with HIV to others.

bcpp_subject_stigmaopinion.gossip_community_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

4. People living with or thought to be living with HIV lose respect or standing.

bcpp_subject_stigmaopinion.respect_community_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

5. People living with or thought to be living with HIV are verbally insulted, harassed and/or threatened.

bcpp_subject_stigmaopinion.enacted_verbal_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

6. People living with or thought to be living with HIV are sometimes physically assaulted.

bcpp_subject_stigmaopinion.enacted_physical_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

7. People living with or thought to be living with HIV are now more accepted by others as there is now an effective treatment available.

bcpp_subject_stigmaopinion.enacted_family_stigma

- Strongly disagree
- Disagree

- Uncertain
- Agree
- Strongly agree
- Don't want to answer

8. People living with HIV are less able to financially support themselves and their families.

bcpp_subject_stigmaopinion.fear_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

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

Positive Participant

Edc Docstring: CS002

Instructions: The following supplemental questions are only asked for respondents with known HIV infection. SKIP for respondents without known HIV infection. Read to Participant: You let us know earlier that you are HIV positive. I would now like to ask you a few questions about your experiences living with HIV. Please remember this interview and your responses are private and confidential. In this section, I'm going to read you statements about how you may feel about yourself and your HIV/AIDS infection. I would like you to tell me if you strongly agree, agree, disagree or strongly disagree with each statement?

1. subject visit

bcpp_subject_positiveparticipant.subject_visit

- dropdown [SubjectVisit]

2. I think less of myself.

bcpp_subject_positiveparticipant.internalize_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

3. I have felt ashamed because of having HIV.

bcpp_subject_positiveparticipant.internalized_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

4. I fear that if I disclosed my HIV status to my friends, they would lose respect for me.

bcpp_subject_positiveparticipant.friend_stigma

- Strongly disagree

- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

5. I fear that if I disclosed my HIV status to my family, they would exclude me from usual family activities.

bcpp_subject_positiveparticipant.family_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

6. People have talked badly about me.

bcpp_subject_positiveparticipant.enacted_talk_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

7. I have lost respect or standing in the community.

bcpp_subject_positiveparticipant.enacted_respect_stigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

8. I have lost a job because of having HIV.

bcpp_subject_positiveparticipant.enacted_jobs_tigma

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

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

Access to Care

Edc Docstring: AccessToCare(created, modified, user_created, user_modified, hostname_created, hostname_modified, revision, id, consent_version, subject_visit_id, report_datetime, access_care, access_care_other, medical_care_access_other, overall_access, emergency_access, expensive_access, convenient_access, whenever_access, local_hiv_care)

Instructions: Now, I will be asking you about your preferences and options for accessing health care when you need it.

1. subject visit

bcpp_subject_accesstocare.subject_visit

- dropdown [SubjectVisit]

2. Report Date

bcpp_subject_accesstocare.report_datetime

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

3. In the past year, where do you MOST OFTEN get medical care or treatment when you or someone in your family is sick or hurt?

bcpp_subject_accesstocare.access_care

- Traditional, faith, or religious healer/doctor
- Pharmacy
- Public or government health facility or clinic
- Private health facility or clinic
- Community health worker
- Other, specify:
- Don't want to answer

4. ...if "Other", specify

bcpp_subject_accesstocare.access_care_other

5. In the past year, where else have you obtained medical care or treatment when you or someone in your family is sick or hurt? (check all that apply)

bcpp_subject_accesstocare.medical_care_access select multiple options

- Traditional, faith, or religious healer/doctor
- Pharmacy
- Public or government health facility or clinic
- Private health facility or clinic
- Community health worker
- Other, specify
- Don't want to answer

6. ...if "Other", specify

bcpp_subject_accesstocare.medical_care_access_other

7. If I need medical care, I can get seen by an appropriate health professional without any trouble.

bcpp_subject_accesstocare.overall_access

- Strongly disagree

- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

8. It is hard for me to get medical care in an emergency

bcpp_subject_accesstocare.emergency_access

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

9. Sometimes I go without the medical care I need because it is too expensive.

bcpp_subject_accesstocare.expensive_access

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

10. Places where I can get medical care are very conveniently located.

bcpp_subject_accesstocare.convenient_access

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

11. I am able to get medical care whenever I need it.

bcpp_subject_accesstocare.whenever_access

- Strongly disagree
- Disagree
- Uncertain
- Agree
- Strongly agree
- Don't want to answer

12. Would you be willing to come to the clinic within your community to receive HIV care and treatment, if available locally?

bcpp_subject_accesstocare.local_hiv_care

- Strongly disagree
- Disagree
- Uncertain
- Agree

- Strongly agree
- Don't want to answer

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

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

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

9. locator information

bcpp_subject_hicenrollment.locator_information

From Subject Locator. Is the locator form filled and all necessary contact information collected?

10. Consent date and time

bcpp_subject_hicenrollment.consent_datetime

From Subject Consent.

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