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For YN, include don't know and declined to answer, with following coding: 1 Yes 2 No 8 Don't know 9 Declined to answer

Endline survey will be structured to loop individual responses within households to prevent problems merging households and individuals later

Households that refuse the survey or vacant units can be collected on the first few screens, with no need to associate individual responses.

Household questionnaire - response

To be completed by interviewer/head of household. ENDLINE NOTE: Have discussed collecting this on paper instead of tablet - to be discussed by teams

Question No.	Construct	Variable	Question	Data type	Skips	Ranges for continuous variables	Hint	Notes
HH01	Clinic ID	clnicid		Choose from list of clinics				
HH02	Village ID	villageid		Choose from list of villages				
HH03	Household ID/Barcode	hhbarcode		Unique ID or barcode?				
HH04	Interviewer ID	interviewerid		Choose from list of interviewers, or auto set by signing into tablet				
HH05	Device ID							
HH06	Date of interview	intdate		Current date			Should be set to date in device, with option to change if incorrect	
HH07	Start time	starttime		Time			Should be set to time in device	
HH08	Visit 1 outcome	visitlog1		Choose from list: household interview started; household interview refused; housing unit vacant				
HH09	Visit 2 outcome	visitlog2		Choose from list: household interview started; household interview refused; housing unit vacant				
HH10	Visit 3 outcome	visitlog3		Choose from list: household interview started; household interview refused; housing unit vacant				
HH11	Lat-Long	latlong		Automatic				GPS in phone/tablet

Individual questionnaire - eligibility to complete survey

To be completed by all people 16 years or older within the household

Note that length of residence will NOT be a criteria for exclusion/inclusion in Malawi/Zambia

Question No.	Construct	Variable	Question	Data type	Skips	Ranges for continuous variables	Hint	Notes
IE01	Clinic ID	clinicid		Choose from list of clinics				
IE02	Village ID	villageid		Choose from list of villages				
IE03	Interviewer ID	interviewerid		Choose from list of interviewers, or auto set by signing into tablet				
IE04	Device ID							
IE05	Date of interview	intdate		Current date		Should be set to date in device, with option to change if incorrect		
IE06	Start time	starttime		Time		Should be set to time in device		

Question No.	Construct	Measurement	Variable	Data type	Skips	Ranges for continuous variables	Hint	Notes
IE07	Age - older than 16y	Are you 18 years of age or older?	eligage	YN	If no, skip to elig16parent			

Question No.	Construct	Measurement	Variable	Data type	Skips	Ranges for continuous variables	Hint	Notes
IE08	Individual consent	Have you consented (or do you consent) to participate?	eligcons	YN	If no, skip to end			
IE09	Parental consent for ages 16-17	(If participant is 16-17 years old) Has parent/guardian consented to participation?	elig16parent	YN	If no, skip to end			
IE10	Individual ID	Individual ID	individ	Unique ID or barcode				
IE11	Selected for extended questionnaire	select		Randomly select 1/5 (or so) individuals for extended household/individual questionnaire.				

Individual questionnaire - household enumeration

To be completed by head of household or representative - all households

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HE01	Respondent for household SES questions	hhrespond	[Interviewer to select appropriate action]	1 Respondent is head of household 2 Respondent is reporting on behalf of head of household, who is not available to answer the questionnaire 3 Respondent is not head of household or reporting on behalf	If 3, skip to indiv - sociodem		[HINT TO INTERVIEWER: CHECK THAT ONLY ONE PERSON IDENTIFIES AS THE HEAD OF HOUSEHOLD OR IS REPORTING ON BEHALF OF THE HEAD OF HOUSEHOLD]	
HE02	First name	firstnamehoh	What is the first name of the head of household?	Short text				
HE03	Surname	surnamehoh	What is the surname of the head of household?	Short text				
HE04	Sex	hohsex	What is the sex of the head of household?	1 Male 2 Female	Skip if hhrespond=1			
HE05	Date of birth	hohdob	What is the date of birth of the head of household?	Select for Day Month Year	Skip if hhrespond=1 If year is known, skip to hohedu	TODAY'S DATE - 16]- [TOMORROW'S DATE-99]		
HE06	Age in years	hohageyrs	How old is the head of household?	Number	Skip if hhrespond=1	16-99		

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HE07	Educational attainment	hohedu	What was the highest level of education that the head of household completed?	1 No formal schooling; 2 Primary incomplete or complete 3 Secondary incomplete 4 Secondary complete 5 Tertiary or higher 9 Decline to answer	Skip if hhrespond=1			

I would like to ask you information about this household.

HE08	Count of people in the household	hhct	How many people live in the household? Include all people who normally live and share meals in the household	Number		>0 & <30 hhct=sum(hhwmnct-hhchildct)	Include people who normally live in the household and share food together, including yourself [HINT TO INTERVIEWER: WRITE DOWN THE SEX AND AGES OF EVERYONE IN THE HOUSEHOLD WITH THE RESPONDENT]	
HE09	Count of people 18 years and older	hhadultct	How many adults 18 years or older live in the household?	Number		hhadultct=sum(hhwmnct-hhmnct)	Include people who were born before [TODAY'S DATE - 18 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	
HE10	Count of women over age 18 years	hhwmnct	Of the adults in this household (18 years or older), how many are women?	Number		hhadultct=sum(hhwmnct-hhmnct) hhct=sum(hhwmnct-hhchildct)	Include women who were born before [TODAY'S DATE - 18 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HE11	Count of men over age 18 years	hhmnct	Of the adults in this household (18 years or older), how many are men?	Number		hhadultct=sum(hhwmnct-hhmnct) hhct=sum(hhwmnct-hhchildct)	Include men who were born before [TODAY'S DATE - 18 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	
HE12	Count of girls age 16-17 years	hhadgrlct	Of the people in this household aged 16-17 years, how many are girls?	Number		hhct=sum(hhwmnct-hhchildct)	Include girls who were born between [TODAY'S DATE - 16 YEARS] to [TOMORROW'S DATE - 18 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	
HE13	Count of boys age 16-17 years	hhadboyct	Of the people in this household aged 16-17 years, how many are boys?	Number		hhct=sum(hhwmnct-hhchildct)	Include boys who were born between [TODAY'S DATE - 16 YEARS] to [TOMORROW'S DATE - 18 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	
HE14	Count of children age 0-15 years	hhchildct	How many children 0-15 years are in this household?	Number		hhct=sum(hhwmnct-hhchildct)	Include children who were born after [TOMORROW'S DATE - 16 YEARS] [HINT TO INTERVIEWER: VERIFY WITH LIST]	
HE15	Identifying vulnerable subpopulations - orphans	orphan	In this household, is there any child whose mother and/or father has died or whose mother and/or father is not resident in the household and is very sick?	Y-N-DTA				Adapted from Malawi DHS

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HE16	Identifying vulnerable subpopulations - persons with disabilities	disability	In this household, is there any person with a disability? Disability refers to a person who is limited in the kind or amount of activities that he or she can do because of on-going difficulties due to long term physical, mental or health problems	Y-N-DTA				Disability definition from Zambia 2000 census, but may be able to find something more recent?
HE17	Identifying vulnerable subpopulations - any domestic workers	domestics	In this household, is there anyone paid or otherwise supported in order to help with cleaning or other tasks in the home?	Y-N-DTA	If no or DTA, skip to next section			
HE18	Identifying vulnerable subpopulations - domestic workers living in	domlivein	Does this person live in this household?	Y-N-DTA				

Household survey - questions asked to head of household

To be completed by head of household or representative - sampled households. ENDLINE NOTE - includes only household-level SES questions

(Note - assume this is all households surveyed [i.e., short and longer forms])

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HS01	Household assets - household level	hhasset_*	Does your household have or own:	A Electricity - Y-N-DTA B Radio - Y-N-DTA C Working television - Y-N-DTA E Non-mobile telephone (landline) - Y-N-DTA F Refrigerator - Y-N-DTA G Bed with mattress - Y-N-DTA H Table and chair Y-N-DTA Malawi only: MA Koloboyi - Y-N-DTA MB A paraffin lamp other than a koloboyi - Y-N-DTA		If decline to answer for one choice, must have decline to answer for all choices		assets from DHS surveys. ENDLINE NOTE: added assets that will help differentiate rural households
HS02	Household assets - any individual within household	hhassetind_*	Does any member of this household own:	A Mobile phone - Y-N-DTA B Working automobile (car or truck) - Y-N-DTA C Bicycle - Y-N-DTA D Working motorcycle or motor scooter - Y-N-DTA E An animal-drawn cart - Y-N-DTA				

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HS03	Household agricultural land	hhland	Approximately how many acres of land have been cultivated by the household during the last production season?	Two digit number, 998 = d/k, 999=DTA				Adapted from Malawi HIS 2010-2011
HS04	Household cattle - y/n	hhcattle	Have you or anyone in your household raised or owned cattle during the past 12 months?	Y-N-DTA	If no/DTA, skip to hfiunceryn			
HS05	Household cattle - count	hhcattlect	How many cattle does your household own at present?	Two digit number, 998 = d/k, 999=DTA				
HS06	HFIAS - uncertainty	hfiunceryn	In the past four weeks, did you worry that your household would not have enough food?	Y-N-DTA	If no or DTA, skip to hfiqualiyn			
HS07	HFIAS - uncertainty frequency	hfiuncerfreq	How often did this happen?	1 Rarely (once or twice in the past four weeks) 2 Sometimes (3-10 times in past four weeks)				
HS08	HFIAS - quality	hfiqualiyn	In the past four weeks, were you or any household member not able to eat the kinds of foods you preferred because of a lack of resources?	Y-N-DTA	If no or DTA, skip to hfiquantyn			
HS09	HFIAS - quality frequency	hfiqualifreq	How often did this happen?	1 Rarely (once or twice in the past four weeks) 2 Sometimes (3-10 times in past four weeks) 3 Often (more than 10 times in past four weeks) 9 Decline to answer				

Question No.	Construct	Variable	Question	Data type	Skips	Ranges	Hint	Notes
HS10	HFIAS - quantity	hfiquantyn	In the past four weeks, did you or any household member go to sleep hungry because there was not enough food?	Y-N-DTA	If no or DTA, skip to end of section			
HS11	HFIAS - quantity frequency	hfiquantfreq	How often did this happen?	1 Rarely (once or twice in the past four weeks) 2 Sometimes (3-10 times in past four weeks) 3 Often (more than 10 times in past four weeks) 9 Decline to answer				

Individual - sociodemographics

To be completed by all individuals consenting to participate within the household

I would now like to ask you information about yourself.

Question No.	Construct	Variable	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
A01	Relationship to head of household	hohrel	What is your relationship to the head of household?	1 I am the head of household 2 I am the wife or husband of the head of household 3 I am a son or daughter of the head of household 4 I am a son-in-law or daughter-in-law of the head of household 5 I am a grandchild of the head of household 6 I am a parent of the head of household 7 I am a parent-in-law of the head of household 8 I am a brother or sister of the head of household 9 I am a niece or nephew of the head of household 10 I am co-wife of the head of household 11 I am an adopted/foster/stepchild of the head of household 12 I am an other relative of the head of household 13 I am a domestic servant				From DHS 2010 with lodger and domestic servant added (asked in a separate question in DHS).

Question No.	Construct	Variable	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
A02	Sex	respsex	(Interviewer to indicate)	1 Male 2 Female				
A03	Date of birth	respdob	What is your date of birth?	Select for Day Month Year	If respdob is known, skip to edu	[TODAY'S DATE-16 YEARS]- [TOMORROW'S DATE-99 YEARS]		
A04	Age in years	respageyrs	How old are you?	Number		16-99		
A05	Educational attainment	edu	What was the highest level of education that you have completed?	1 No formal schooling; 2 Primary incomplete or complete 3 Secondary incomplete 4 Secondary complete 5 Tertiary or higher 9 Decline to answer				
A06	Literacy	literate	Can you read a newspaper or letter?	Y-N-DTA		If edu is 4 or 5, literate should be yes		From here forward, not duplicated by hoh survey
A07	Employment status	salary	Are you employed for a wage salary, commission or any formal payment in kind excluding casual labour, for anyone who is not a member of your household?	Y-N-DTA	If no, skip to A09			from Linda
A08	Wage income	wage	In a month, how much do you earn for wage/salary and commission before taxes?	Number		1-??, 9999999	Enter 9999999 for decline to answer	from Linda

Question No.	Construct	Variable	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
A09	Allowance income	allow	In a month, how much do you usually receive in allowances or gratuities, including in-kind payments such as uniform, housing, food and transport that were not included in the salary you just reported?	Number		0-??, 9999999	Estimate cash value of any in-kind payments received Enter 9999999 for decline to answer Enter 0 if no payments were received	from Linda
A10	Business income	businessinc	In a month, how much average profit do you earn on business enterprises that give you constant earnings?	Number		0-??, 9999999	Sum up the average profits for all enterprises owned Enter 9999999 for decline to answer Enter 0 if no payments were received	from Linda
A11	Informal income wage	informalwage	In a month, how much do you earn from informal income sources aside from those listed above?	Number		0-??, 9999999	Enter 9999999 for decline to answer Enter 0 if no payments	from Linda
A12	Self-reported health	srhealth	How do you rate your general health?	1 Very good 2 Good 3 Fair 4 Poor 9 Decline to answer				Prompt respondents to help reinforce that this is *all* health, not just HIV
A13	Usual household member	resid2mos	Have you resided in this community for the past two months?	Y-N-DTA	Not ZW?			

Question No.	Construct	Variable	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
A14	Duration of residence	residlastyr	Did you live here 12 months ago? That is, did you live here in [MO] 2016?	Y-N-DTA	If yes, skip to marital			
A15	Move-in date if less than 1 year resident	movedate	In what month did you move to this dwelling?	Select for Month Year		If resid2mos is yes, [THIS MONTH - 12 MONTHS]- [THIS MONTH-2 MONTHS] If resid2mos is no, [THIS MONTHS - 2 MONTHS]- [THIS		
A16	Marital status	marital	What is your current marital status?	1 Married or living as married 2 Never married 3 Widowed/separated/divorced 9 Decline to answer	If 1 or DTA, skip to widowed If 2 or 3, skip to children			
A17	Partnership	partnerlength	How long have you been together with your spouse or partner [or first spouse/partner for persons with multiple spouses]?	1 <1 year 2 1-5 years 3 More than 5 years 9 Decline to answer	If DTA, skip to widowed			
A18	Living with spouse/partner	livepartner	Are you currently living with your spouse/partner?	Y-N-DTA				
A19	Ever widowed	widowed	Have you ever lost a spouse due to death?	Y-N-DTA				

Question No.	Construct	Variable	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
A20	Children	children	How many biological children do you have?	Number	0-20, 99		Enter 99 for decline to answer	

Individual extended - sociodemographics

To be completed by SELECTED individuals ONLY

Question	Variable	Construct	Wording of question	Data entry	Skips	Ranges for continuous variables	Hint	Notes
AE01	phq1	PHQ-2 1	Over the past 2 weeks how often have you been having little interest or pleasure in doing things?	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day 5 Decline to answer				PHQ-2
AE02	phq2	PHQ-2 2	Over the past 2 weeks how often have you been feeling down, depressed or hopeless?	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day 9 Decline to answer				PHQ-2

Individual - past testing (all individuals)

ENDLINE NOTE: removed "most important reason" question, added questions from midline and on CBDA

Core questions asked of all respondents
 Core testing questions asked of all testers about lifetime testing
 Non-tester questions

To be completed by all individuals consenting to participate within the household

Prompt: Now I would like to ask you some questions about your experiences testing with HIV.

Question #	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
B01	evertest	Ever tested for HIV	Have you ever been tested for HIV?	Y-N-DTA	If yes, skip to yrtestcount			
B02	thoughttest	Thought about testing	Have you ever thought about testing for HIV?	Y-N-DTA				
B03	whynottest_X	Why not tested?	What best describes why you haven't tested for HIV?	A I am not at risk of being HIV positive or contracting HIV infection - Y-N-DTA B. I don't want to know my HIV status - Y-N-DTA C. I am afraid of testing positive or dying after HIV positive results - Y-N-DTA D. I am afraid of stigma and discrimination related to HIV testing - Y-N-DTA [COMMENT: ?? I AM AFRAID OTHER PEOPLE WILL JUDGE ME OR TREAT ME POORLY IF I TEST FOR HIV??] E. I don't feel sick enough to test for HIV - Y-N-DTA F. HIV testing is not a dignified or important thing to do at my age - Y-N-DTA G. I am too young to test or not yet sexually active - Y-N-DTA [COMMENT: DON'T KNOW ABOUT THIS - WOULDN'T THEY JUST PUT ANSWER A] H. My partner won't let me test or may blame me for bringing HIV into this relationship - Y-N-DTA [COMMENT: THE SECOND PART IS QUITE SPECIFIC. MAYBE INSTEAD: MY PARTNER WON'T LET ME TEST OR I AM AFRAID OF THE CONSEQUENCES OF TESTING ON MY RELATIONSHIP I. My family member(s) won't let me test - Y-N-DTA [COMMENT: COULD WORD SIMILAR TO THE SUGGESTED ANSWER FOR THE PARTNER QUESTION] J. It is too expensive for me to visit the facility, or the facility is too far away - Y-N-DTA K. I cannot take time off work to go test - Y-N-DTA [COMMENT: COMBINE WITH ANSWER BELOW: IT IS DIFFICULT FOR ME TO TAKE TIME OUT OF THE DAY TO GO TEST]		If decline to answer for one choice, must have decline to answer for all choices		Read out - revised categories for endline
B04	knowfac	Know of facility	Do you know any facilities offering HIV testing and counselling to people who live around here?	Y-N-DTA	If no or DTA, skip to thoughttest			Note that following non-user questions are from WHO generic tools
B05	faceasy	How easy to reach facility	If you wanted to go, how easy or difficult would it be for you to go the health facility from your home?	1 Very easy 2 Somewhat easy 3 Somewhat difficult 4 Very difficult 9 Decline to answer				
B06	offeredtest	Had test offered	Have you ever had an HIV test offered to you when you were at a health facility or in your home?	Y-N-DTA	Go to heardselftest			End of non-user section

Question	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
B07	yrtestcount	Testing in last twelve months	In the last 12 months, that is before [TODAY'S DATE-12 MONTHS], how many times have you tested for HIV?	Number	If 88 or 99, skip to testdate_1	0-15, 88, 99	If you had a test to confirm earlier results, this should be counted separately Enter 88 for don't know or	
B08	lifetestcount	Lifetime test count	In total, how many HIV tests have you had in your lifetime?	Number		1-50 (value must be greater than yrtestcount), 88, 99	If you had a test to confirm earlier results, this should be counted separately Enter 88 for don't know or 99 for decline to answer	
B09	testdate_1	Dates of last three tests	What was the date of your most recent HIV test?	MY	(MN additional note: all respondents to complete through end of section, then go to loop - skip next two questions if respondent has only tested one time)	[TODAY'S DATE]-[TODAY'S DATE-12 MONTHS] based on yrtestcount, otherwise [TOMORROW'S DATE-12 MONTHS]-[DATE OF BIRTH]	For dates prior to 2015, indicate only the year.	
B10	testdate_2	Dates of last three tests	What was the date of your second-most recent HIV test?	MY	If lifetestcount=1, 1 count If lifetestcount=2, 2 count If lifetestcount>=3, 3 count If lifetestcount=88 or 99 & yrtestcount=1, 1 field If lifetestcount=88 or 99 & yrtestcount=2, 2 count If lifetestcount=88 or 99 & yrtestcount>=3, 3 count If yrtestcount=88 or 99, 1 field	[TODAY'S DATE]-[TODAY'S DATE-12 MONTHS] based on yrtestcount, otherwise [TOMORROW'S DATE-12 MONTHS]-[DATE OF BIRTH]	For dates prior to 2015, indicate only the year.	
B11	testdate_3	Dates of last three tests	What was the date of your third-most recent HIV test?	MY	If lifetestcount=1, 1 count If lifetestcount=2, 2 count If lifetestcount>=3, 3 count If lifetestcount=88 or 99 & yrtestcount=1, 1 field If lifetestcount=88 or 99 & yrtestcount=2, 2 count If lifetestcount=88 or 99 & yrtestcount>=3, 3 count If yrtestcount=88 or 99, 1 field	[TODAY'S DATE]-[TODAY'S DATE-12 MONTHS] based on yrtestcount, otherwise [TOMORROW'S DATE-12 MONTHS]-[DATE OF BIRTH]	For dates prior to 2015, indicate only the year.	

Question #	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
B12	heardselftest	Heard of self-testing	Have you heard about HIV self-testing as a method for testing for HIV? [Definition if needed from WHO technical report: HIV self-testing is a process whereby a person who wants to know his or her HIV status collects a specimen, performs a test, and interprets the test result in private.]	YN	If no and evertest=yes, skip to knowresults. If no and evertest=no or DTA, skip to knowfollowup			
B13	howheard_*	How heard of HIV self-testing	Where did you hear about HIV self testing?	Check all that apply: A. community-based distributor B. friend or family member C. other community member D. healthcare provider E. VMMC mobilizer F. Tunza/New Start counselor G. Workplace peer educator H. Targeted outreach communication I. Community drama J. National events (VCT day, national health week & World AIDS Day) K. Print media: leaflet/brochure L. Other media: whatsapp/Facebook M. Other person or event N. Decline to answer	If evertest=no or DTA, go to knowfollowup	If decline to answer for one choice, must have decline to answer for all choices		PHS to review with colleagues
B14	selftestever	Self test ever	Have you ever used a self-test to test for HIV?	Y-N-DTA	If no or DTA, skip to knowfollowup			
B15	selftest12mos	Self test within past 12 months	Within the past 12 months, have you used a self-test to test for HIV?	Y-N-DTA				
B16	knowfollowup	Awareness of follow-up HIV care	If you were to test positive, do you know how to access appropriate follow-up services?	YN			Follow-up services include care and treatment services, including ART and confirmative testing for those testing positive.	Note that there is a similar question on VMMC in the VMMC section

Individual - past testing

To be completed by SELECTED individuals ONLY

For each of last three tests

(Note that past year time is reflected in IPV questions)

Costs questions are in blue rows and should be asked only of the first test if this test occurred within the past 12 months

Prompt [OUTSIDE LOOP]: Now I would like to ask you more about your last [3] HIV tests. If you have had a test to confirm earlier results, I want you to tell me about each test separately.**Prompt [INSIDE LOOP]:** For these sets of questions, I would like to ask you about your [last/second-to-last/third-to-last] test on [testdate_1]

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C01	testloc_X	Location of test	Where did you have your [last/second-to-last/third-to-last] HIV test?	1 Health facility (not ANC) 2 ANC centre 3 VCT centre 4 HTC in the community (ie. Mobile VCT) 5 Self-test at the health facility 6 Self-test at home or in the community				In the community = not at a facility/not at home. Note that respondents will have already answered this for the first test in the indiv-testing questions and could be skipped or preanswered?
C02	testinit_X	Initiation of test	Who initiated the test?	1 Own initiative: I approached the provider or distributor about testing 2 Partner initiative: My partner approached me about testing. 3 Offered by health worker or community volunteer (CBDA): A provider or health worker approached me and suggested testing 4 VMMC: A VMMC mobilizer approached me to test 5 Other person: Another person (not a health worker, VMMC mobilizer, or partner) approached me and suggested testing 6 Decline to answer	If testdate_X<12 months & selftest12mos=no, skip to C07 If selftestever=no, skip to C07			Split first item into own then partner (done)
C03	selftest_X	Self-test	Was this test a self-test?	Y-N-DTA	If no or DTA, skip to discusspart_X			Two sets of questions on partner tests based on self-test/not self test - this is potentially confusing for data analysis
C04	selftestsource_X	Self-test - where from	Who did you obtain the self-test from?	1 CBDA 2 VMMC mobilizer 3 Health care worker 4 Partner 5 Parent 6 Sibling 7 Other family member 8 Friend 9 Chief 10 Employer 11 Teacher 12 Religious leader 13 Other 99 Decline to answer				

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C05	selftestalone_X	Self-test - anyone present?	Was anyone else with you when you self-tested?	Y-N-DTA	If no, skip to testdur or knowres_X			
C06	selftestpresent_X	Self-test - who present?	Who was with you when you performed the self-test?	(Check all that apply) A CBDA - Y-N-DTA B Health care worker - Y-N-DTA C Partner - Y-N-DTA D Parent - Y-N-DTA E Other family member - Y-N-DTA F Friend - Y-N-DTA G Chief - Y-N-DTA H Employer - Y-N-DTA I Teacher - Y-N-DTA J Religious leader - Y-N-DTA K Other - Y-N-DTA		If decline to answer for one choice, must have decline to answer for all choices		Added HCW to options
C07	discusspart_X	Discussion with partner	Did you discuss testing with your partner before you tested?	Y-N-N/A-DTA	If no or N/A or DTA, skip to testdur If no or N/A or DTA and not selected for extended survey or not the most recent test that occurred within past 12 months, skip to knowres_X	If testinit_X=2 or selftestsource=4 or selftestpresent_X_C=yes, then discusspart_X should probably be yes		
C08	testpart_X	Testing with partner	Did you test at the same time as when your partner also tested?	Y-N-N/A-DTA	If not selected for extended survey and not the most recent test that occurred within past 12 months, skip to knowres_X			Note rewording to differentiate between testing with partner present and testing while partner tested
C09	testpart_X	Testing with partner	Did you test with your partner in your [LAST/SECOND/THIRD TO-LAST] HIV test?	YN	Valid for non-self-tests only			Note - there is a question about partner testing in the short testing section administered to everyone. Reordered questions so testing with partner and self-testing with partner both before costs
C10	testdur	Costs - duration	[Prompt for costs questions:] Now, I would like to ask you about the incurred costs from your last HIV test ? How long did it take to have your test? Including travelling to the facility waiting to be tested and waiting for your results?	Select Minutes Hours	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	Minutes: 0-59 Hours: 1-90	Enter 99 for decline to answer	
C11	testvisitreas	Costs - reason for travel	Was this visit to the [LOCATION OF TEST] primarily to be tested for HIV?	Y-N-DTA	Only ask if selected for extended survey and the most recent test that occurred within past 12 months			Note that [LOCATION OF TEST] will be gathered earlier in the questionnaire

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C12	testtrans	Costs - transit mode	How did you get to the [LOCATION OF TEST] ?	1 Walked 2 Took bicycle 3 Took public transport 4 Used own car or motorcycle 5 Took taxi 6 Other	If 1 or 2, skip to C13 If C01=5, skip to C13 Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C13	costtrans	Costs - transit costs	How much did you pay to get to [LOCATION OF TEST] and back home?	Number	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	1-??	Enter 888888 for don't know and 999999 for decline to answer	
C14	consultfee	Costs - consultation	Did you have to pay any fees to take the HIV test? This includes consultation, registration, the test kit, and health passport.	Y-N-DTA	Skip if selftest_X=yes If no or DTA, skip to C15 Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C15	costconsult	Costs - consultation costs	How much in fees did you pay to take the HIV test?	Number	Skip if selftest_X=yes Only ask if selected for extended survey and the most recent test that occurred within past 12 months	1-??	Enter 888888 for don't know and 999999 for decline to answer	
C16	childcare	Costs - child care	Did you have to pay for anyone to cover your regular duties while getting the HIV test? This includes to take care of your children, supervise your shop, or perform your agricultural activities.	Y-N-DTA	If no or DTA, skip to C17 Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C17	costchildcare	Costs - child care costs	How much did you pay for someone to cover your regular duties?	Number	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	1-??	Enter 888888 for don't know and 999999 for decline to answer	

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C18	food	Costs - food	Did you have to purchase food outside the home because of your HIV test?	Y-N-DTA	If no or DTA, skip to C19 Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C19	costfood	Costs - food costs	How much did you pay for food?	Number	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	1-??	Enter 888888 for don't know and 999999 for decline to answer	
C20	other	Costs - other	Did you have any other incurred costs related to your last HIV test?	Y-N-DTA	If no or DTA, skip to C21 Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C21	costother	Costs - other costs	If yes, how much did you pay?	Number	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	1-??	Enter 888888 for don't know and 999999 for decline to answer	
C22	costworklost	Costs - how much earned	How much would you have earned during the time you took off to get tested for HIV?	Number	Only ask if selected for extended survey and the most recent test that occurred within past 12 months	0-??	Enter 888888 for don't know and 999999 for decline to answer	Note: if in kind, need prompt to obtain value
C23	costsource	Costs - source	Who primarily provided the money to support the costs of accessing the test?	1 Myself 2 My partner 3 Myself and my partner jointly 4 Family 5 Friend 6 Employer 7 Other 9 Decline to answer	Only ask if selected for extended survey and the most recent test that occurred within past 12 months			
C24	knowres_X	Results of last HIV test	You don't have to tell me if you don't want to, but what were the results of this test? [COMMENT: DO WE WANT TO ASK AFTER IF THIS IS THE FIRST TIME THEY RECEIVED A POSITIVE TEST RESULT]	1 Positive 2 Negative 3 Indeterminate 9 Decline to answer	If knowres_X=1 go to firstpos_X; otherwise to regretimm_X			
C25	firstpos_X	First positive result?	Was this the first time you had received a positive result?	Y-N-DTA				

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C26	regretimm_X	Regret testing immediately after testing	Aside from the results, did you have any regrets about this HIV test immediately after you completed the test?	Y-N-DTA				
C27	regretnow_X	Regret testing now	Looking back on this test now, do you regret taking this test now?	Y-N-DTA				
C28	relprob_X	Problems caused by test	Were there any problems in your relationship caused by this HIV test?	Y-N-N/A-DTA				
C29	testforce_X	Forced to test	If you were forced to test, who forced you?	(Check all that apply) A Not forced to test - Y-N-DTA B CBDA - Y-N-DTA C Health care worker - Y-N-DTA D Partner - Y-N-DTA E Parent - Y-N-DTA F Other family member - Y-N-DTA G Friend - Y-N-DTA H Chief - Y-N-DTA I Employer - Y-N-DTA J Teacher - Y-N-DTA K Religious leader - Y-N-DTA L Other - Y-N-DTA		A cannot be combined with other responses If decline to answer for one choice, must have decline to answer for all choices		
C30	disclose_X	Disclosed results	Did you disclose the result of this test to anyone? [COMMENT: WE ARE NOT ASKING ABOUT FORCED DISCLOSURE NOW?]	(Check all that apply) A Did not disclose this result Y-N-DTA B CBDA - Y-N-DTA C Health care worker - Y-N-DTA D Partner - Y-N-DTA E Parent - Y-N-DTA F Other family member - Y-N-DTA G Friend - Y-N-DTA H Chief - Y-N-DTA I Employer - Y-N-DTA J Teacher - Y-N-DTA K Religious leader - Y-N-DTA L Other - Y-N-DTA		A cannot be combined with other responses If decline to answer for one choice, must have decline to answer for all choices		
C31	forcedisc_X	Forced to disclose	If you were forced to disclose your results, or someone disclosed your status to another person without your permission, who forced this disclosure?	(Check all that apply) A Not forced to disclose result - Y-N-DTA B CBDA - Y-N-DTA C Health care worker - Y-N-DTA D Partner - Y-N-DTA E Parent - Y-N-DTA F Other family member - Y-N-DTA G Friend - Y-N-DTA H Chief - Y-N-DTA I Employer - Y-N-DTA J Teacher - Y-N-DTA K Religious leader - Y-N-DTA L Other - Y-N-DTA		A cannot be combined with other responses If decline to answer for one choice, must have decline to answer for all choices		

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C32	aftercare_X	Confirmatory testing	After this HIV test, did you receive a test confirming your HIV diagnosis or additional care related to your HIV status?	Y-N-DTA	If no or DTA, go to C35			For log frame reporting, include positives only?
C33	afterdet_X	What care received	What care did you receive?	1 Confirmatory test only [COMMENT: CHANGE TO: FOLLOW-UP TEST TO CONFIRM THE RESULTS OF THIS TEST] 2 ART initiation [COMMENT: CHANGE TO: STARTED ON ART FOR THE FIRST TIME] 3 Restarted on ART 4 Other care (not including either confirmatory test or ART) 9 Decline to answer	If aftercare_X=yes and respondent is female, skip to next testing loop or partnerstatkwn			
C34	nocare	Reasons for not receiving care	Why have you not (yet) received a confirmatory test or obtained treatment?	Why have you not (yet) received a confirmatory test or obtained treatment? (Check all that apply) A. Afraid of stigma and discrimination from going to a clinic B. I don't want to be seen at the clinic C. I do not feel sick D. My partner won't let me go to the clinic E. Family member(s) won't let me go to the clinic F. It is too expensive for me to visit the facility, or the facility is too far away G. I cannot take time off work to go to receive an additional test or care H. It will take too much time to receive an additional test or care I. Health facilities offer poor quality HIV services J. I am afraid there will be drug shortages K. I do not believe that my status will be kept confidential L. I do not trust the results from HIV testing M. I don't know where to go to access services N. Other reason O. Decline to answer		If decline to answer for one choice, must have decline to answer for all choices		
C35	vmmc_X	VMMC after testing	[Asked of men only:] Did you go for VMMC (voluntary medical male circumcision) after this test?	1 Yes 2 No 3 I am already circumcised 9 Decline to answer	Valid only for men who do not report HIV+ status (knowres_X>1).			END of testing loop
C36	partnerstatkwn	Partner status known	Do you know the result of your current partner's [most recent] HIV test?	Y-N-N/A-DTA	If N/A, skip to C39			
C37	ownstatkwn	Partner knows respondent's status	Does your current partner know your HIV status?	Y-N-N/A-DTA				

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
C38	prefmode	Prefered mode of testing	If you were to test for HIV again, where would you prefer to have this next test?	1 Hospital, clinic or health center 2 - VCT centre 3 - Mobile HTC 4 At-home HTC 5 Self-testing with the distributor present 6 Self-testing without the distributor present 7 Decline to answer				

Individual - past testing (all individuals)

ENDLINE NOTE: removed "most important reason" question, added questions from midline and on CBDA

To be completed by all consenting individuals in the INTERVENTION clinics

Prompt: Now I would like to ask you some questions about your experiences with the community based distribution agents delivering HIVST kits

Question	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
CA01	comdis	Awareness of community distribution	Before your discussion with study staff today, were you aware that community based distribution agents were distributing self-test kits near here?	Y-N-DTA	If no or DTA, skip to next section Skip if selftestsource_X=1	Probe if no but selftestever=yes: You have stated that you have previously self-tested. Did you receive the kit outside of recent community distribution of self-test kits? [??OR SOMETHING LIKE THAT MIGHT BE NEEDED??] If yes, check if consistent with heardselftest (should be yes)		
CA02	cbdahouse	CBDA house visit	Did community based distribution agents come to your house to offer self-test kits? [COMMENT: IT COULD BE THEY RECEIVED THE KIT OUTSIDE THEIR HOUSE? CHANGE TO: DID COMMUNITY BASED DISTRIBUTION AGENTS OFFER A SELF-TEST KIT TO YOU OR MEMBERS OF YOUR HOUSEHOLD?]	Y-N-DTA-DK	If no or DTA or DK, skip to next section Skip if selftestsource_X=1	Probe if no but selftestever=yes: You have stated that you have previously self-tested. Were you offered the kit from someone other than a community based distribution agent [??OR SOMETHING LIKE THAT MIGHT BE NEEDED??]		
CA03	stleft	ST kits left in house	Did community based distribution agents leave self-test kits at your house? [COMMENT: CBDAS DON'T REALLY LEAVE KITS AT HOMES. CHANGE TO: DID YOU OR MEMBERS OF YOUR HOUSEHOLD TAKE A SELF-TEST KIT?]	Y-N-DTA-DK	If no or DTA or DK, skip to next section Skip if selftestsource_X=1	Probe if no but selftestever=yes: You have stated that you have previously self-tested. Did you take the kit from someone other than a community based distribution agent [??OR SOMETHING LIKE THAT MIGHT BE NEEDED??]		
CA04	stleftcount	Number ST left	How many kits were left at your house by the community health worker? [COMMENT: CHANGE TO: EXCLUDING YOURSELF, HOW MANY MEMBERS OF YOUR HOUSEHOLD TOOK A SELF-TEST KIT?]	Number	If 88 or 99, skip to selfuse	1 One test 2 Two tests 3 Three tests 4 4 or more tests 5 Don't know how many tests were left 6 Decline to answer		Enter 88 for don't know or 99 for decline to answer
CA05	hhuse	Number of household members used ST	Excluding yourself, how many members of your household used the kits to test themselves for HIV?	Number		1 One other household member 2 Two other household members 3 Three other household members 4 Don't know how many household members have tested 5 Declined to answer		Enter 88 for don't know or 99 for decline to answer

Question	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
CA06	selfuse	ST selfuse	Did you get an HIV self-test kit for your use? [COMMENT: TO BE MORE CLEAR CHANGE TO: DID YOU TAKE AN HIV SELF-TEST KIT FROM THE COMMUNITY BASED DISTRIBUTION AGENT]	Y-N-DTA	If no or DTA, go to under16st Skip if selftestsource_X=1	Probe if no but selftestever=yes: You have stated that you have previously self-tested. Did you take the kit from someone other than a community based distribution agent [??OR SOMETHING LIKE THAT MIGHT BE NEEDED??]		
CA07	refuse	Possibility of refusal	Did you feel you were able to refuse to accept the self-test kit from the community based distribution agent?	Y-N-DTA	If yes or DTA, go to testself			skip?
CA08	whynotrefuse	Reason for refusal	Why were you unable to refuse?	A The community based distribution agent pressured me to take it B My partner pressured me to take it C My parent pressured me to take it D Another family member pressured me to take it E My friend pressured me to take it F The chief pressured me to take it G My employer pressured me to take it H My teacher pressured me to take it I My religious leader pressured me to take it J Another person pressured me to take it		If decline to answer for one choice, must have decline to answer for all choices		tick all that apply
CA09	testself	Self use of testkit	Did you test yourself for HIV using the kit received by community based distribution agents?	Y-N-DTA	If no or DTA, go to stgiveaway. If yes and refuse=yes, goto firstst Skip if selftestsource_X=1	Probe if no but selftestever=yes: You have stated that you have previously self-tested. Did you self-test using a kit provided by someone other than a community based distribution agent [??OR SOMETHING LIKE THAT MIGHT BE NEEDED??]		
CA10	refusereregret	Regret testing after refusal	Now that you have self-tested for HIV and you did not feel able to refuse, do you regret having tested?	Y-N-DTA	Skip if selftestsource_X=1 & regretnow=yes Skip if selftestsource_X=1 & regretnow=no			

Question	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
CA11	firstst	first ST ever	Was the self-test received from the CBDA the first HIV test you have ever done? [COMMENT: SHOULD THIS BE ASKED IN THE LOOP INSTEAD? IF WE KEEP IT HERE, IT NEEDS TO PERTAIN TO A SELF-TEST DIRECTLY RECEIVED FROM A CBDA INSTEAD OF SELF-TESTING MORE GENERALLY REGARDLESS OF HOW THE TEST WAS RECEIVED]	1 Yes 2 No, I had been tested by a health worker (or health workers) before 3 No, I had previously done another self-test 9 Decline to answer	Skip if lifetestcount<= 3 and selftest_X=yes for latest date			
CA12	returnst	Test returned?	After testing, what did you do with the used test kit?	1 Return kit to the community based distribution agent 2 Return kit to drop box in the community 3 Return kit to the drop box at health facility [COMMENT: N/A IN MW - TAKE OUT] 4 Kept used kit in home 5 Disposed of used kit elsewhere 9 Decline to answer				
CA13	stgiveaway	Giving kit to someone else	Did you give your kit to someone else? [FOLLOW UP QUESTION: WHO DID YOU GIVE YOUR KIT TO?]	Y-N-DTA				
CA14	under16st	Testing child under 16	Were any of the test kits left in your household used to test a child who is younger than 16 years old?	Y-N-DTA	Asked of all respondents in households with tests, not just those who used the test			
CA15	unusedst	Unused test?	Were there any test kits left by the community health worker in your household that have not been used to test for HIV? [COMMENT: COULDN'T WE DERIVE THIS FROM CA04 AND CA05? COULD LEAD TO INCONSISTENCIES]	Y-N-DTA	Asked of all respondents in households with tests, not just those who used the test			

To be completed by all MEN consenting to participate within the household

Note that question in pink row is for UNITAID reporting

Prompt: Now I will ask you questions regarding circumcision. Some men are circumcised; that is, the foreskin is completely removed from the penis

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges	Hint	Notes
E1	circstatus	Circumcision status - images	Please can you look at these pictures which show a penis that has had a foreskin completely removed. Does your penis look like this?	Y-N-DTA	If yes, skip to circdate. If no or DTA and in MW, skip to circaccess. If ZM, skip to E2			Images needed
E2	circ	Circumcision status - text only	Are you circumcised?	Y-N-DTA	If Y, skip to next section. ZM only			
E3	circdate	Circumcision date	When were you circumcised?	MY		After DOB		
E4	circaccess	Know where to access circumcision services	Do you know any facilities offering VMMC (voluntary medical male circumcision) to people who live around here?	Y-N-DTA				NEED TO BE CLEAR THIS IS MEDICAL NOT TRADITIONAL CIRCUMCISION IN TRANSLATION]
E5	circintent	Circumcision intention	How likely would you be to go for circumcision if it were offered within your neighborhood?	1 Very likely 2 Somewhat likely 3 Somewhat unlikely 4 Very unlikely 9 Decline to answer				

To be completed by SELECTED individuals ONLY

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges for continuous variables	Hint	Notes
F01	posttest	Positive test result	Have you ever had a positive HIV test result?	Y-N-DTA	If no or DTA, skip to next section			If no, skip to end.
F02	modetest	Confirmation of positive ST result	Did you obtain this result from a self-test?	Y-N-DTA	If no or DTA, skip to artlifeuse Skip if selftestever=no and goto artlifeuse			
F03	confirmresult	Confirmation of positive ST result	Did you go to a health facility to confirm the positive self-test result?	Y-N-DTA	Skip if selftestever=no			
F04	artlifeuse	ART lifetime use	Have you ever taken ART drugs?	Y-N-DTA	If no or DTA, skip to preartuse. If yes and respondent is male, skip to artcurruse			
F05	pmtctuse	PMTCT use	(If woman) Have you ever been given ART drugs at the the time of having a baby in order to prevent transmission of HIV?	Y-N-DTA				Women only

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Ranges for continuous variables	Hint	Notes
F06	artcurruse	ART current use	Are you currently using ART drugs?	YN	If yes, skip to artclinic			
F07	artwhydiscontin	ART - why discontinued	What best describes why you have stopped taking ART?	<p>A Experienced side effects from the drugs</p> <p>B Afraid of stigma and discrimination from going to a clinic for ART</p> <p>C Partner won't let me go to the clinic to get ART</p> <p>D Other family won't let me go to the clinic to get ART</p> <p>E Do not have money to pay for transport to go to the clinic or to get ART</p> <p>F Cannot take time off work to go to the clinic</p> <p>G Not a dignified thing to do at my age</p> <p>H Health facilities offer poor quality HIV care services</p> <p>I Do not trust service providers</p> <p>J Did not feel sick enough</p> <p>K Other</p>	If one item listed, set corresponding item in artdismain as main reason for discontinuing and continue to preartuse	If decline to answer for one choice, must have decline to answer for all choices		Read out responses
F08	preartuse	Pre-ART use	Are you currently using any medications besides ART to control your HIV and keep you healthy?	Y-N-DTA	If no or DTA, skip to next section			Reworded this using operational tools question but may need more help
F09	artclinic	ART/pre-ART provider	Which clinic is providing your ART or pre-ART care?	[Country-specific list of options]				

To be completed by all individuals consenting to participate within the household

Prompt: Now I would like to ask you questions about your sexual activity in order to gain a better understanding of some important life issues. Let me assure you that your answers are completely confidential and will not be told to anyone. If we should come to any question that you don't want to answer, just let me know and we will go to the next question.

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Range	Hint	Notes
G01	steadyyn	In partnership YN	Do you have a steady partner?	Y-N-DTA	If no or DTA, skip to otheryn		[DO WE NEED DEFINITION OF STEADY PARTNER HERE?]	
G02	steadycl	Steady partner - count	If yes, how many steady partners have you had sex with in the last 3 months?	Number		1-25, 88, 99	Enter 88 for don't know or 99 for decline to answer	
G03	partnocond_X	Condomless sex indicator for each steady partner	In the past 3 months, how often have you not used condoms with your [COUNT] steady partner?	1 Condoms every time 2 Condoms some of the time 3 Condoms never used 9 Decline to answer		Asked for each partner from B2, with a maximum of 6 partners		[NEED FOR A PARTNER MATRIX]. Key construct is whether they had condomless sex with the steady partner in the last 3 months, so can be reworded to yes/no if this will be easier for respondents to understand?
G04	otheryn	Non-steady partner YN	[Apart from your steady partner(s)], have you had sex with anyone else in the last 3 months?	Y-N-DTA	If no, skip to next section		Modify wording as needed based on response to steadyyn	
G05	othernocond	Count of non-steady partners with condomless sex	If yes, with how many people apart from your steady partner have you had sex without using a condom , even if was only on one occasion?	Number		1-25, 88, 99	Enter 88 for don't know or 99 for decline to answer	Construct is number of casual partners they have condomless sex with in the last 3 months (don't need number of sexual partners in total)
G06	nocondposttest	Condomless sex after last HIV test	Thinking to the last time you tested for HIV, have you had sex without a condom since your more recent test?	Y-N-DTA	If no or DTA, skip to next section			

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Range	Hint	Notes
G07	count	How many partners	With how many different partners have you had sex without a condom with since your most recent test (even if it was only the one occasion)?	Number		1-25, 88, 99 If testdate_1<=3 months, count<=otherno cond If testdate_1>3 months, count>=otherno cond	Enter 88 for don't know or 99 for decline to answer	

Individual - stigma

To be completed by all SELECTED individuals only

For each of the following statements, please indicate whether you strongly agree, agree, are unsure, disagree or strongly disagree.

Question #	Variable name	Construct	Wording of question	Data type	Skips	Range	Hint	Notes
H01	txeffect4	Understanding of treatment effectiveness	I believe that HIV treatment makes people with HIV less infectious.	1 Strongly agree 2 Agree 3 Unsure 4 Disagree 5 Strongly disagree 9 Decline to answer				From WHO generic tools
H02	stigma1	Stigma 1	People are hesitant to take an HIV test due to fear of other people's reaction if the test result is positive for HIV	1 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H03	stigma2	Stigma 2	People sometimes talk badly about people living with or thought to be living with HIV	2 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H04	stigma3	Stigma 3	Health workers sometimes talk badly about people living with or thought to be living with HIV	3 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H05	stigma4	Stigma 4	People living with or thought to be living with HIV lose respect or standing	4 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H06	stigma5	Stigma 5	People living with or thought to be living with HIV are verbally insulted, harassed, and/or threatened	5 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study

H07	stigma6	Stigma 6	People living with or thought to be living with HIV are sometimes physically assaulted	6 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H08	stigma7	Stigma 7	I would be ashamed if someone in my family had HIV	7 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H09	stigma8	Stigma 8	I would not like to sit close to someone living with HIV, for example on public transport, at church, or in a waiting room	8 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H10	stigma9	Stigma 9	I fear that I could contract HIV if I come into contact with the saliva of a person with HIV	9 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H11	stigma10	Stigma 10	People sometimes disclose that other people are HIV positive without their permission	10 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H12	stigma11	Stigma 11	Health workers sometimes disclose that other people are HIV positive without their permission	11 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study
H13	stigma12	Stigma 12	People living with HIV who are taking ART are treated better by others than people living with HIV who are not taking ART	12 Strongly Agree 2 Agree 3 Disagree 4 Strongly disagree 9 Decline to answer				All from PopART stigma study

Individual extended - IPV

To be completed by SELECTED WOMEN ONLY

Prompt: The next questions are about things that happen to many women and men and that your current partner or any other partner may have done to you.

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Range	Hint	Notes
J1	ipvpsychyn	Psychological IPV - YN	In the past 12 months did your partner do the following to you? Insulted you; made you feel bad; belittled, humiliated, scared you (yelled or smashed things), or threatened to hurt you?	Y-N-DTA	If no or DTA , skip to ipvphysicyn			Based on WHO VAW measure
J2	ipvpsychct	Psychological IPV - number of times	In the past month, would you say this has happened once or more than once?	1 Did not happen in past month 2 Once in past month 3 More than once in past month 9 Decline to answer				Based on WHO VAW measure
J3	ipvphysicyn	Physical IPV - YN	In the past 12 months did your partner do the following to you? Slapped, pushed, shoved, hit you with a fist, kicked, dragged, beaten you, choked, burned you, or threatened to use a gun, knife, or other weapon against you?	Y-N-DTA	If no or DTA , skip to ipvsexyn			Based on WHO VAW measure
J4	ipvphysicct	Physical IPV - number of times	In the past month, would you say this has happened once or more than once?	1 Did not happen in past month 2 Once in past month 3 More than once in past month 9 Decline to answer				Based on WHO VAW measure

Question No.	Variable name	Construct	Wording of question	Data type	Skips	Range	Hint	Notes
J5	ipvsexyn	Sexual IPV - YN	In the past 12 months did your partner do the following to you? Forced you to have sexual intercourse by holding you down or making you afraid of him or forced you to do something sexual tht you found humiliating?	Y-N-DTA	If no or DTA , skip to ipveconyn			Based on WHO VAW measure
J6	ipvsexct	Sexual IPV - number of times	In the past month, would you say this has happened once or more than once?	1 Did not happen in past month 2 Once in past month 3 More than once in past month 9 Decline to answer				Based on WHO VAW measure
J7	ipveconyn	Economic violence - YN 1	In the past 12 months did your partner keep you from having the money you needed to buy food or other necessities even when he had money for other things?	Y-N-DTA	If no, skip to next section			Wording from SEA measure (Postmus et al.)
J8	ipveconct	Economic violence - YN 2	In the 12 months prior, were you forced away from your home?	Y-N-DTA				

Final items

MN, 4 December 2015

To be completed by interviewer

Question No.	Variable	Construct	Question	Data type	Skips	Ranges	Hint	Notes
X01	endtime	end time	Time interview ended	Should enter automatically based on device time				
X02	endstatus	Status of interview	Was this interview completed?	1 Complete 2 Incomplete - provide additional comments below				
X03	comments	Interviewer comments	Interviewer comments on specific questions, respondent, interview.	Long text				