

South Africa

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**HIV PrEP programmes as a framework for diagnosing
and treating HBV infection in adolescents and
young adults in KwaZulu-Natal, South Africa.**

Study Documentation

May 29, 2025

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.EVOLVE.PrEP

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HIV PrEP programmes as a framework for diagnosing and treating HBV infection in adolescents and young adults in KwaZulu-Natal, South Africa.

Overview	
Identification	AHRI.EVOLVE.PrEP
Version	V1.0.0
Abstract	
<p>Guidelines for Hepatitis B treatment released by the World Health Organization in 2024 include the potential for use of dual therapy, combining tenofovir with either emtricitabine or lamivudine. These fixed-dose combinations are also used for Pre-Exposure Prophylaxis (PrEP) in people at risk of Human Immunodeficiency Virus (HIV). We hypothesize that pre-existing HIV PrEP programmes can support access to HBV testing and treatment</p> <p>At the Africa Health Research Institute (AHRI) in KwaZulu Natal, South Africa, we evaluated PrEP uptake and retention amongst adolescents and young adults aged 15-30 years. We reviewed HBV status, acceptance of PrEP and retention in follow-up between June 2022 - Sept 2024. We aimed to gather preliminary data to explore the prevalence of HBV infection among adolescents and young adults (AYA) engaging with sexual health screening and PrEP services, and to determine the uptake of PrEP for people testing HBV surface antigen (HBsAg)-positive.</p> <p>We collected demographic data (gender, age and area of residence (rural/peri urban). We further collected data on HIV status, HBV status, and other sexually transmitted infections (STIs). We collected follow-up information on assessment for PrEP, PrEP uptake and return for PrEP refills.</p> <p>Research question: What is the prevalence of HBV infection among adolescents and young adults (AYA) engaging with sexual health screening and PrEP services, and what is the uptake of PrEP among individuals testing positive for HBV surface antigen (HBsAg)?</p>	
Kind of Data	Survey Data, Census/Enumeration data, aggregate data, clinical data, event/transaction data, program source code, machine-readable text, administrative records data, experimental data, psychological test, textual data,coded textual, coded documents, time budget diaries, observation data/ratings, process-produced data, etc. No description just a single phrase,e.g Genetic sequences
Unit of Analysis	The study set out to study HBV testing uptake, results, PrEP acceptance and return for refills.

Scope & Coverage	
Keywords	HIV, HBV, hepatitis B, South Africa, infection, prevention, prevalence, diagnosis, decentralisation, treatment, PrEP
Topics	: hepatitis B, South Africa, Pre-Exposure Prophylaxis, sexual health
Time Period(s)	2022-2024
Countries	South Africa
Geographic Coverage	
Data were obtained from KwaZulu-Natal, in the uMkhanyakude district, South Africa.	
Universe	
The study explored programmes providing HIV PrEP for tackling HBV infection in adults and young adults (AYA) aged 15-30 years. We collected demographic data (gender, age and area of residence (rural/peri urban). We further collected data on HIV status, HBV status, sexually transmitted infections (STIs). Data on PrEP uptake and retention was collected.	

Producers & Sponsors	
Primary Investigator(s)	Maryam, Shahmanesh, Africa Health Research Institute / University College London/ University College London Hospital Gloria, Sukali, Africa Health Research Institute/ University College London/ The Francis Crick Institute Philippa, Matthews, University College London/ The Francis Crick Institute/ University College London Hospital Collins, Iwuji, Africa Health Research Institute/ University of Sussex Jacob, Busang, Africa Health Research Institute Carina, Herbst, Africa Health Research Institute Nonhlanhla, Okesola, Africa Health Research Institute Jaco, Dreyer, Africa Health Research Institute
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Bill and Melinda Gates foundation (BMGF) , Funder US National Institute of Health (NIH) , Funder Africa Health Research Institute (core funding from the Wellcome Trust strategic core award) (Wellcome) , Sponsor National Institute of Health research (NIHR) , Funder Francis Crick Institute (N/A) , Funder AHRI-UCL PhD fellowship (N/A) , Funder
Other Acknowledgment(s)	Thetha nami , Study participant recruitments , Africa Health Research Institute LAPIS study teams , Study participant recruitments , Africa Health Research Institute

Sampling
<p><u>Sampling Procedure</u></p> <p>Data were collected and recorded by 'Thetha nami ngithethe nawe' ('Talk to me and I'll talk to you' in IsiZulu), which is a stepped-wedge cluster-randomised controlled trial to investigate the effectiveness, implementation and cost effectiveness of peer-led social mobilisation into decentralised HIV and sexual reproductive health (SRH) services, and by LAPIS, which is embedded within the second period of the Thetha nami step wedge trial. LAPIS is a cluster-randomised controlled trial of effectiveness and implementation offering a choice of injectable PrEP, continuous oral daily PrEP, dapivirine vaginal rings, or packs of oral post exposure antiviral prophylaxis for HIV prevention, compared with the offer of oral PrEP alone.</p>

Data Collection	
Data Collection Dates	start 2022-06-06 end 2024-08-30

Data Processing & Appraisal
<p><u>Data Editing</u></p> <p>Data were analysed at the Africa Health Research Institute (AHRI) as part of a collaboration with the Francis Crick Institute, London, linked to the EVOLVE-HBV study.</p>

Accessibility
<p><u>Access Conditions</u></p> <p>Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository (<https://data.ahri.org/>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI</p>

data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

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Citation Requirements

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DOI:<https://doi.org/10.23664/AHRI.EVOLVE.PREP>

Files Description

Dataset contains 1 file(s)

hbv_analysis_upload	
# Cases	3481
# Variable(s)	106

Variables List

Dataset contains 106 variable(s)

File hbv_analysis_upload							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	IntID	Individual ID	continuous	numeric-12.0	3481	0	-
2	pd_cluster	Pre-printed Study Cluster	discrete	numeric-10.0	3481	0	-
3	pd_sex	Participant Sex	discrete	numeric-12.0	3481	0	-
4	up_dob	Participant Date of Birth	discrete	character-11	3481	-	-
5	pd_age	Age at enrolment	discrete	numeric-9.0	3481	0	-
6	aggrp	Age at first clinic visit	discrete	numeric-9.0	3481	0	-
7	up_study_..	Pre-printed Study Cluster	discrete	character-10	3481	0	-
8	final_area	Area of residence	discrete	numeric-16.0	3481	0	-
9	f_clinic_..	First clinic visit date	discrete	character-11	3481	-	-
10	l_clinic_..	Last clinic visit date	discrete	character-11	3481	-	-
11	condomle_..	Condomless sex with a stranger in the past 72hrs	discrete	numeric-9.0	1943	1538	-
12	busted_c_..	Condom busted during condom in the past 72hrs	discrete	numeric-9.0	1943	1538	-
13	sex_assa_..	Sexually assaulted in the past 72hrs	discrete	numeric-9.0	1943	1538	-
14	shared_n_..	Shared needles in the past 72hrs	discrete	numeric-9.0	1943	1538	-
15	exposed_..	Exposed to fluids (semen/ blood) in the past 72hrs	discrete	numeric-9.0	1943	1538	-
16	risk_72hrs	Any possible exposure in the past past 72 hours	discrete	numeric-8.0	3481	0	-
17	pep_disp_..	Was PEP dispensed?	discrete	numeric-9.0	84	3397	-
18	sex_hist_..	Was sexual history done?	discrete	numeric-9.0	3217	264	-
19	everhadsex	Ever had sex	discrete	numeric-9.0	3204	277	-
20	share_nu_..	Willing to share number of sexual partners in the past 12 months	discrete	numeric-9.0	2881	600	-
21	numsexpa_..	Number of sexual partners	discrete	numeric-9.0	2756	725	-
22	condomle_..	Condomless sex in the past 72 hours	discrete	numeric-9.0	2141	1340	-
23	condomle_..	Condomless sex in the past 3 months	discrete	numeric-9.0	2867	614	-
24	knowpart_..	Knows partner's HIV status	discrete	numeric-9.0	2874	607	-
25	partner_..	Partner's HIV status	discrete	numeric-9.0	1210	2271	-
26	physical_..	Experienced physical abuse	discrete	numeric-9.0	3211	270	-
27	preg_tes_..	Pregnancy test done	discrete	numeric-9.0	2047	1434	-
28	pregtest_..	Ever positive pregnancy test	discrete	numeric-9.0	1485	1996	-
29	preg_tes_..	Pregnancy test date	discrete	character-11	1481	-	-
30	currentl_..	Self-report currently preg	discrete	numeric-9.0	1880	1601	-

File hbv_analysis_upload							
#	Name	Label	Type	Format	Valid	Invalid	Question
31	preg_comb	Positive pregnancy test results or self-reported currently pregnant	discrete	numeric-9.0	1903	1578	-
32	sr_currp..	Baseline self-reported currently pregnant	discrete	numeric-9.0	1880	1601	-
33	ever_preg	Previously pregnant	discrete	numeric-9.0	1815	1666	-
34	cs_fathe..	Ever fathered children	discrete	numeric-9.0	1314	2167	-
35	trans_sex	Ever engaged in a transactional sex in the past 12 months	discrete	numeric-9.0	2875	606	-
36	pap_smea..	Pap smear discussed	discrete	numeric-9.0	1453	2028	-
37	pap_smea..	Pap smear offered	discrete	numeric-9.0	1433	2048	-
38	pap_smea..	Pap smear accepted	discrete	numeric-9.0	919	2562	-
39	health_p..	Received health promotion counselling	discrete	numeric-9.0	3443	38	-
40	circum	Ever been circumcised	discrete	numeric-9.0	1313	2168	-
41	circum_ref	Ever been referred to be circumcised	discrete	numeric-9.0	158	3323	-
42	hepb_eve..	Tested for Hepatitis B	discrete	numeric-9.0	3481	0	-
43	hepb_pos	Hepatitis B results	discrete	numeric-9.0	3431	50	-
44	test_date	HepB test date	discrete	character-11	3431	-	-
45	hep_pd_age	-	continuous	numeric-9.0	3431	50	-
46	h_agegrp	Age group	discrete	numeric-9.0	3428	53	-
47	dbs_ever..	DBS collected	discrete	numeric-9.0	3481	0	-
48	atleast2..	Tested at least twice	discrete	numeric-9.0	3257	224	-
49	f_dbs_date	First DBS test date	discrete	character-11	3257	-	-
50	l_dbs_date	Last DBS test date	discrete	character-11	3257	-	-
51	ever_dbs..	Ever DBS negative	discrete	numeric-9.0	3255	226	-
52	ever_dbs..	Ever DBS positive	discrete	numeric-9.0	3255	226	-
53	seroconv..	Seroconverted during the trial	discrete	numeric-9.0	1012	2469	-
54	seroconv..	Estimated date of HIV seroconversion	discrete	character-11	20	-	-
55	time_to..	Estimated time to seroconversion	continuous	numeric-9.0	20	3461	-
56	art_init..	To be initiated on ART	discrete	numeric-9.0	119	3362	-
57	art_disp..	Received ART from study clinics	discrete	numeric-9.0	343	3138	-
58	start_art	Started ART	discrete	numeric-9.0	115	3366	-
59	first_AR..	Initial ART collection date	discrete	character-11	115	-	-
60	last_ART..	Last ART collection date	discrete	character-11	115	-	-
61	totalART..	Total number of ART collection	discrete	numeric-9.0	115	3366	-
62	syphilis..	Tested for Syphilis	discrete	numeric-9.0	3467	14	-

File hbv_analysis_upload							
#	Name	Label	Type	Format	Valid	Invalid	Question
63	syphilis..	Syphilis results	discrete	numeric-9.0	3433	48	-
64	symptom...	Screened for STI symptoms	discrete	numeric-9.0	3217	264	-
65	any_symp..	Any STI symptom reported	discrete	numeric-9.0	3203	278	-
66	sti_ever..	Tested for STIs	discrete	numeric-21.0	3481	0	-
67	f_sti_te..	Initial STI test date	discrete	character-11	2345	-	-
68	l_sti_te..	Last STI test date	discrete	character-11	2345	-	-
69	tot_sti...	Total number of STI test occasions	discrete	numeric-9.0	2345	1136	-
70	ever_any..	Any STI	discrete	numeric-21.0	2340	1141	-
71	ever_chl..	Chlamydia	discrete	numeric-21.0	2338	1143	-
72	ever_gono	Gonorrhoea	discrete	numeric-21.0	2338	1143	-
73	ever_tri..	Trichomonas	discrete	numeric-21.0	1528	1953	-
74	ever_sti..	Ever treated any STI	discrete	numeric-21.0	682	2799	-
75	sti_trea..	Treated for any STI	discrete	numeric-9.0	1021	2460	-
76	first_ST..	Initial STI treatment date	discrete	character-11	954	-	-
77	last_STI..	Last STI treatment date	discrete	character-11	954	-	-
78	total_ST..	Total number of visits for STI treatment	discrete	numeric-9.0	954	2527	-
79	ever_con..	Self-report contraception use	discrete	numeric-9.0	1867	1614	-
80	contra_m..	Contraception method	discrete	numeric-24.0	1336	2145	-
81	contra_m..	RECODE of contra_method (Contraception method)	discrete	numeric-24.0	1336	2145	-
82	contra_s..	Started contraception during the study	discrete	numeric-9.0	883	2598	-
83	contr_di..	Received contraception during the trial	discrete	numeric-9.0	1547	1934	-
84	first_co..	Initial contraception collection date	discrete	character-11	883	-	-
85	last_con..	Last contraception collection date	discrete	character-11	883	-	-
86	totalcon..	Total number of Contraceptive collection	discrete	numeric-9.0	883	2598	-
87	ever_eli..	Ever assessed for PrEP eligibility	discrete	numeric-9.0	3481	0	-
88	ever_elig	Ever eligible for PrEP	discrete	numeric-9.0	3171	310	-
89	ever_upt..	Ever started PrEP	discrete	numeric-9.0	1689	1792	-
90	ever_no...	Reasons for no PrEP uptake	discrete	numeric-52.0	640	2841	-
91	first_Pr..	-	discrete	character-11	1044	-	-
92	last_PrE..	-	discrete	character-11	1044	-	-
93	totalPrE..	Total number of PrEP collection	discrete	numeric-9.0	1044	2437	-
94	f_refill..	Due for first PrEP refill	discrete	numeric-9.0	1044	2437	-
95	atleast2..	At least one PrEP refill	discrete	numeric-9.0	1043	2438	-

File hbv_analysis_upload							
#	Name	Label	Type	Format	Valid	Invalid	Question
96	subseq_r..	Due for at least second PrEP refill	discrete	numeric-9.0	1043	2438	-
97	atleast3 ..	At least two PrEP refills	discrete	numeric-9.0	1043	2438	-
98	discont ..	No refill and 40 days have elapsed since PrEP initiation	discrete	numeric-9.0	1044	2437	-
99	stopped ..	Stopped PrEP	discrete	numeric-9.0	1044	2437	-
100	stopped ..	Date stopped PrEP	discrete	character-11	1044	-	-
101	reas_sto ..	Reason stopped PrEP	discrete	numeric-62.0	1030	2451	-
102	time_tos ..	Time to stopping PrEP (in days)	continuous	numeric-9.0	1044	2437	-
103	restarted	Stopped and restarted PrEP	discrete	numeric-9.0	1044	2437	-
104	cutoffDate	-	discrete	character-11	3481	-	-
105	hepb_vac ..	Dispensed Date	discrete	character-11	102	-	-
106	hepb_vac	Received Hep B vaccine	discrete	numeric-9.0	102	3379	-

Variables Description

Dataset contains 106 variable(s)

File : hbv_analysis_upload

IIntID: Individual ID

Information [Type= continuous] [Format=numeric] [Range= 51-99901921] [Missing=*]

Statistics [NW/ W] [Valid=3481 /-] [Invalid=0 /-] [Mean=52402803.164 /-] [StdDev=49812626.243 /-]

pd_cluster: Pre-printed Study Cluster

Information [Type= discrete] [Format=numeric] [Range= 1-40] [Missing=*]

Statistics [NW/ W] [Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Cluster 01	11	0.3%
2	Cluster 02	24	0.7%
3	Cluster 03	134	3.8%
4	Cluster 04	10	0.3%
5	Cluster 05	16	0.5%
6	Cluster 06	79	2.3%
7	Cluster 07	127	3.6%
8	Cluster 08	7	0.2%
9	Cluster 09	13	0.4%
10	Cluster 10	129	3.7%
11	Cluster 11	16	0.5%
12	Cluster 12	110	3.2%
13	Cluster 13	152	4.4%
14	Cluster 14	164	4.7%
15	Cluster 15	155	4.5%
16	Cluster 16	16	0.5%
17	Cluster 17	32	0.9%
18	Cluster 18	107	3.1%
19	Cluster 19	13	0.4%
20	Cluster 20	157	4.5%
21	Cluster 21	110	3.2%
22	Cluster 22	138	4.0%
23	Cluster 23	185	5.3%
24	Cluster 24	179	5.1%
25	Cluster 25	59	1.7%
26	Cluster 26	51	1.5%
27	Cluster 27	52	1.5%
28	Cluster 28	42	1.2%
29	Cluster 29	214	6.1%
30	Cluster 30	73	2.1%
31	Cluster 31	33	0.9%
32	Cluster 32	139	4.0%
33	Cluster 33	132	3.8%
34	Cluster 34	146	4.2%
35	Cluster 35	188	5.4%
36	Cluster 36	178	5.1%
37	Cluster 37	28	0.8%

File : hbv_analysis_upload

pd_cluster: Pre-printed Study Cluster

Value	Label	Cases	Percentage
38	Cluster 38	43	1.2%
39	Cluster 39	8	0.2%
40	Cluster 40	11	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pd_sex: Participant Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	1434	41.2%
2	Female	2047	58.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

up_dob: Participant Date of Birth

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-]

pd_age: Age at enrolment

Information	[Type= discrete] [Format=numeric] [Range= 13-30] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]

aggrp: Age at first clinic visit

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	15-19	1239	35.6%
1	20-24	1255	36.1%
2	25-30	987	28.4%
3	>30	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

up_study_cluster: Pre-printed Study Cluster

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]

final_area: Area of residence

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Rural	2742	78.8%
1	Urban/Peri-urban	739	21.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

f_clinic_date: First clinic visit date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-]

File : hbv_analysis_upload

l_clinic_date: Last clinic visit date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3481 /-]

condomless_stranger: Condomless sex with a stranger in the past 72hrs

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1943 /-] [Invalid=1538 /-]

Value	Label	Cases	Percentage
0	No	1869	96.2%
1	Yes	74	3.8%
2	No	0	
Sysmiss		1538	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

busted_condom: Condom busted during condom in the past 72hrs

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1943 /-] [Invalid=1538 /-]

Value	Label	Cases	Percentage
0	No	1940	99.8%
1	Yes	3	0.2%
2	No	0	
Sysmiss		1538	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sex_assaulted: Sexually assaulted in the past 72hrs

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1943 /-] [Invalid=1538 /-]

Value	Label	Cases	Percentage
0	No	1942	99.9%
1	Yes	1	0.1%
2	No	0	
Sysmiss		1538	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

shared_needles: Shared needles in the past 72hrs

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1943 /-] [Invalid=1538 /-]

Value	Label	Cases	Percentage
0	No	1943	100.0%
1	Yes	0	
2	No	0	
Sysmiss		1538	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

exposed_fluids: Exposed to fluids (semen/blood) in the past 72hrs

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1943 /-] [Invalid=1538 /-]

File : hbv_analysis_upload

exposed_fluids: Exposed to fluids (semen/blood) in the past 72hrs

Value	Label	Cases	Percentage
0	No	1892	97.4%
1	Yes	51	2.6%
2	No	0	
Sysmiss		1538	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

risk_72hrs: Any possible exposure in the past past 72 hours

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]
Notes	condomless_stranger busted_condom sex_assaulted shared_needles exposed_fluids == 1

Value	Label	Cases	Percentage
0	No	3397	97.6%
1	Yes	84	2.4%
2	No	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pep_dispensed: Was PEP dispensed?

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=84 /-] [Invalid=3397 /-]

Value	Label	Cases	Percentage
0	No	39	46.4%
1	Yes	45	53.6%
2	No	0	
Sysmiss		3397	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sex_hist_done: Was sexual history done?

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=3217 /-] [Invalid=264 /-]

Value	Label	Cases	Percentage
0	No	5	0.2%
1	Yes	3212	99.8%
2	No	0	
Sysmiss		264	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

everhadsex: Ever had sex

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=3204 /-] [Invalid=277 /-]

Value	Label	Cases	Percentage
0	No	325	10.1%
1	Yes	2879	89.9%
2	No	0	
Sysmiss		277	

File : hbv_analysis_upload

everhadsex: Ever had sex

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

share_num_sexpartn: Willing to share number of sexual partners in the past 12 months

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2881 /-] [Invalid=600 /-]

Value	Label	Cases	Percentage
0	No	124	4.3%
1	Yes	2757	95.7%
2	No	0	
Sysmiss		600	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

numsexpartners: Number of sexual partners

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2756 /-] [Invalid=725 /-]

Value	Label	Cases	Percentage
0	None	31	1.1%
1	1	1632	59.2%
2	2 or more	1093	39.7%
Sysmiss		725	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

condomless_72hrs: Condomless sex in the past 72 hours

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2141 /-] [Invalid=1340 /-]

Value	Label	Cases	Percentage
0	No	1955	91.3%
1	Yes	186	8.7%
2	No	0	
Sysmiss		1340	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

condomless_3month: Condomless sex in the past 3 months

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2867 /-] [Invalid=614 /-]

Value	Label	Cases	Percentage
0	No	604	21.1%
1	Yes	2263	78.9%
2	No	0	
Sysmiss		614	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

knowpartnr_status: Knows partner's HIV status

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2874 /-] [Invalid=607 /-]

File : hbv_analysis_upload

knowpartnr_status: Knows partner's HIV status

Value	Label	Cases	Percentage
0	No	1665	57.9%
1	Yes	1209	42.1%
2	No	0	
Sysmiss		607	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

partner_status: Partner's HIV status

Information [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

Statistics [NW/ W] [Valid=1210 /-] [Invalid=2271 /-]

physical_abuse: Experienced physical abuse

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=3211 /-] [Invalid=270 /-]

Value	Label	Cases	Percentage
0	No	3184	99.2%
1	Yes	27	0.8%
2	No	0	
Sysmiss		270	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

preg_test_done: Pregnancy test done

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=2047 /-] [Invalid=1434 /-]

Value	Label	Cases	Percentage
0	No	561	27.4%
1	Yes	1486	72.6%
2	No	0	
Sysmiss		1434	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pregttest_positive: Ever positive pregnancy test

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1485 /-] [Invalid=1996 /-]

Value	Label	Cases	Percentage
0	No	1395	93.9%
1	Yes	90	6.1%
2	No	0	
Sysmiss		1996	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

preg_test_date: Pregnancy test date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=1481 /-]

currently_prg: Self-report currently preg

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

File : hbv_analysis_upload

currently_prg: Self-report currently preg

Statistics [NW/ W] [Valid=1880 /-] [Invalid=1601 /-]

Value	Label	Cases	Percentage
0	No	1715	91.2%
1	Yes	165	8.8%
2	No	0	
Sysmiss		1601	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

preg_comb: Positive pregnancy test results or self-reported currently pregnant

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1903 /-] [Invalid=1578 /-]

Value	Label	Cases	Percentage
0	No	1725	90.6%
1	Yes	178	9.4%
2	No	0	
Sysmiss		1578	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

sr_currpreg: Baseline self-reported currently pregnant

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1880 /-] [Invalid=1601 /-]

Value	Label	Cases	Percentage
0	No	1776	94.5%
1	Yes	104	5.5%
2	No	0	
Sysmiss		1601	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ever_preg: Previously pregnant

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1815 /-] [Invalid=1666 /-]

Value	Label	Cases	Percentage
0	No	601	33.1%
1	Yes	1214	66.9%
2	No	0	
Sysmiss		1666	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

cs_fatherchildren: Ever fathered children

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1314 /-] [Invalid=2167 /-]

Value	Label	Cases	Percentage
0	No	922	70.2%
1	Yes	392	29.8%
2	No	0	

File : hbv_analysis_upload

cs_fatherchildren: Ever fathered children

Value	Label	Cases	Percentage
Sysmiss		2167	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

trans_sex: Ever engaged in a transactional sex in the past 12 months

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=2875 /-] [Invalid=606 /-]

Value	Label	Cases	Percentage
0	No	2820	98.1%
1	Yes	55	1.9%
2	No	0	
Sysmiss		606	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pap_smear_discuss: Pap smear discussed

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=1453 /-] [Invalid=2028 /-]

Value	Label	Cases	Percentage
0	No	20	1.4%
1	Yes	1433	98.6%
2	No	0	
Sysmiss		2028	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pap_smear_offered: Pap smear offered

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=1433 /-] [Invalid=2048 /-]

Value	Label	Cases	Percentage
0	No	514	35.9%
1	Yes	919	64.1%
2	No	0	
Sysmiss		2048	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

pap_smear_accepted: Pap smear accepted

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=919 /-] [Invalid=2562 /-]

Value	Label	Cases	Percentage
0	No	883	96.1%
1	Yes	36	3.9%
2	No	0	
Sysmiss		2562	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

health_promotion: Received health promotion counselling

Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
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File : hbv_analysis_upload

health_promotion: Received health promotion counselling

Statistics [NW/ W] [Valid=3443 /-] [Invalid=38 /-]

Value	Label	Cases	Percentage
0	No	230	6.7%
1	Yes	3213	93.3%
2	No	0	
Sysmiss		38	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

circum: Ever been circumcised

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=1313 /-] [Invalid=2168 /-]

Value	Label	Cases	Percentage
0	No	210	16.0%
1	Yes	1103	84.0%
2	No	0	
Sysmiss		2168	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

circum_ref: Ever been referred to be circumcised

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=158 /-] [Invalid=3323 /-]

Value	Label	Cases	Percentage
0	No	117	74.1%
1	Yes	41	25.9%
2	No	0	
Sysmiss		3323	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

hepb_evertest: Tested for Hepatitis B

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	50	1.4%
1	Yes	3431	98.6%
2	No	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

hepb_pos: Hepatitis B results

Information [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

Statistics [NW/ W] [Valid=3431 /-] [Invalid=50 /-]

Value	Label	Cases	Percentage
0	Negative	3410	99.4%
1	Positive	21	0.6%
Sysmiss		50	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : hbv_analysis_upload

test_date: HepB test date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3431 /-]

hep_pd_age

Information [Type= continuous] [Format=numeric] [Range= 14-35] [Missing=*]

Statistics [NW/ W] [Valid=3431 /-] [Invalid=50 /-] [Mean=22.498 /-] [StdDev=4.295 /-]

h_agegrp: Age group

Information [Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]

Statistics [NW/ W] [Valid=3428 /-] [Invalid=53 /-]

Value	Label	Cases	Percentage
0	15-19	1019	29.7%
1	20-24	1295	37.8%
2	25-30	1114	32.5%
Systemmiss		53	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

dbs_ever_collect: DBS collected

Information [Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]

Statistics [NW/ W] [Valid=3481 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	224	6.4%
1	Yes	3257	93.6%
3	Results not available	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

atleast2tests: Tested at least twice

Information [Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]

Statistics [NW/ W] [Valid=3257 /-] [Invalid=224 /-]

Value	Label	Cases	Percentage
0	No	2245	68.9%
1	Yes	1012	31.1%
3	Results not available	0	
Systemmiss		224	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

f_dbs_date: First DBS test date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3257 /-]

l_dbs_date: Last DBS test date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=3257 /-]

# ever_dbs_neg: Ever DBS negative			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=3255 /-] [Invalid=226 /-]		
Value	Label	Cases	Percentage
0	No	318	9.8%
1	Yes	2937	90.2%
3	Results not available	0	
Sysmiss		226	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_dbs_pos: Ever DBS positive			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=3255 /-] [Invalid=226 /-]		
Value	Label	Cases	Percentage
0	No	2912	89.5%
1	Yes	343	10.5%
3	Results not available	0	
Sysmiss		226	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# seroconverted: Seroconverted during the trial			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=1012 /-] [Invalid=2469 /-]		
Value	Label	Cases	Percentage
0	No	992	98.0%
1	Yes	20	2.0%
3	Results not available	0	
Sysmiss		2469	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# seroconversion_date: Estimated date of HIV seroconversion			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=20 /-]		
# time_to_sero: Estimated time to seroconversion			
Information	[Type= continuous] [Format=numeric] [Range= 84-617] [Missing=*]		
Statistics [NW/ W]	[Valid=20 /-] [Invalid=3461 /-] [Mean=380.8 /-] [StdDev=130.535 /-]		
# art_initiation: To be initiated on ART			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=119 /-] [Invalid=3362 /-]		
Value	Label	Cases	Percentage
0	No	15	12.6%
1	Yes	104	87.4%
2	No	0	
Sysmiss		3362	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			

# art_dispensed: Received ART from study clinics			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=343 /-] [Invalid=3138 /-]		
Value	Label	Cases	Percentage
0	No	228	66.5%
1	Yes	115	33.5%
2	No	0	
Systemmiss		3138	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# start_art: Started ART			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=115 /-] [Invalid=3366 /-]		
Value	Label	Cases	Percentage
0	No	26	22.6%
1	Yes	89	77.4%
2	No	0	
Systemmiss		3366	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# first_ARTdate: Initial ART collection date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=115 /-]		
# last_ARTdate: Last ART collection date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=115 /-]		
# totalARTvisit: Total number of ART collection			
Information	[Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]		
Statistics [NW/ W]	[Valid=115 /-] [Invalid=3366 /-]		
# syphilis_test: Tested for Syphilis			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3467 /-] [Invalid=14 /-]		
Value	Label	Cases	Percentage
0	No	34	1.0%
1	Yes	3433	99.0%
2	No	0	
Systemmiss		14	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# syphilis_result: Syphilis results			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3433 /-] [Invalid=48 /-]		
Value	Label	Cases	Percentage
0	No	3377	98.4%
1	Yes	56	1.6%
2	No	0	

# syphilis_result: Syphilis results			
Value	Label	Cases	Percentage
0	System missing	48	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# symptom_check: Screened for STI symptoms			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3217 /-] [Invalid=264 /-]		
Value	Label	Cases	Percentage
0	No	14	0.4%
1	Yes	3203	99.6%
2	No	0	
System missing		264	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# any_symptom: Any STI symptom reported			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3203 /-] [Invalid=278 /-]		
Value	Label	Cases	Percentage
0	No	2741	85.6%
1	Yes	462	14.4%
2	No	0	
System missing		278	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# sti_ever_test: Tested for STIs			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0	No	1136	32.6%
1	Yes	2345	67.4%
3	Results not available	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# f_sti_testdate: Initial STI test date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=2345 /-]		
# l_sti_testdate: Last STI test date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=2345 /-]		
# tot_sti_test: Total number of STI test occasions			
Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
Statistics [NW/ W]	[Valid=2345 /-] [Invalid=1136 /-]		
# ever_any_sti: Any STI			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=2340 /-] [Invalid=1141 /-]		

# ever_any_sti: Any STI			
Value	Label	Cases	Percentage
0	No	1658	70.9%
1	Yes	682	29.1%
3	Results not available	0	
Sysmiss		1141	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_chlamydia: Chlamydia			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=2338 /-] [Invalid=1143 /-]		
Value	Label	Cases	Percentage
0	No	1781	76.2%
1	Yes	557	23.8%
3	Results not available	0	
Sysmiss		1143	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_gono: Gonorrhoea			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=2338 /-] [Invalid=1143 /-]		
Value	Label	Cases	Percentage
0	No	2183	93.4%
1	Yes	155	6.6%
3	Results not available	0	
Sysmiss		1143	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_trichomonas: Trichomonas			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=1528 /-] [Invalid=1953 /-]		
Value	Label	Cases	Percentage
0	No	1423	93.1%
1	Yes	105	6.9%
3	Results not available	0	
Sysmiss		1953	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_sti_treated: Ever treated any STI			
Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]		
Statistics [NW/ W]	[Valid=682 /-] [Invalid=2799 /-]		
Value	Label	Cases	Percentage
0	No	67	9.8%
1	Yes	615	90.2%
3	Results not available	0	
Sysmiss		2799	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			

# sti_treated: Treated for any STI			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1021 /-] [Invalid=2460 /-]		
Value	Label	Cases	Percentage
0	No	67	6.6%
1	Yes	954	93.4%
2	No	0	
Sysmiss		2460	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# first_STI_treat_date: Initial STI treatment date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=954 /-]		
# last_STI_treat_date: Last STI treatment date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=954 /-]		
# total_STI_treat: Total number of visits for STI treatment			
Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
Statistics [NW/ W]	[Valid=954 /-] [Invalid=2527 /-]		
# ever_contra_use: Self-report contraception use			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1867 /-] [Invalid=1614 /-]		
Value	Label	Cases	Percentage
0	No	530	28.4%
1	Yes	1337	71.6%
2	No	0	
Sysmiss		1614	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# contra_method: Contraception method			
Information	[Type= discrete] [Format=numeric] [Range= 1-98] [Missing=*]		
Statistics [NW/ W]	[Valid=1336 /-] [Invalid=2145 /-]		
Value	Label	Cases	Percentage
1	Male condom	28	2.1%
2	Female condom	10	0.7%
3	Oral contraceptive pills	276	20.7%
4	Injectable	762	57.0%
5	Implants	243	18.2%
6	IUD/loop	14	1.0%
7	Rythm method	0	
8	Traditional methods	0	
9	Withdrawal	0	
10	Douching after sex	0	
11	Tubal ligation	3	0.2%
12	Vasectomy	0	

# contra_method: Contraception method			
Value	Label	Cases	Percentage
93	Other	0	
96	Other	0	
98	Prefer not to answer	0	
Sysmiss		2145	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# contra_method_v2: RECODE of contra_method (Contraception method)			
Information	[Type= discrete] [Format=numeric] [Range= 1-98] [Missing=*]		
Statistics [NW/ W]	[Valid=1336 /-] [Invalid=2145 /-]		
Value	Label	Cases	Percentage
1	Male condom	0	
2	Female condom	0	
3	Oral contraceptive pills	276	20.7%
4	Injectable	762	57.0%
5	Implants	243	18.2%
6	IUD/loop	0	
7	Rythm method	0	
8	Traditional methods	0	
9	Withdrawal	0	
10	Douching after sex	0	
11	Tubal ligation	0	
12	Vasectomy	0	
93	Other	55	4.1%
96	Other	0	
98	Prefer not to answer	0	
Sysmiss		2145	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# contra_started: Started contraception during the study			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=883 /-] [Invalid=2598 /-]		
Value	Label	Cases	Percentage
0	No	673	76.2%
1	Yes	210	23.8%
2	No	0	
Sysmiss		2598	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# contr_dispensed: Received contraception during the trial			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1547 /-] [Invalid=1934 /-]		
Value	Label	Cases	Percentage
0	No	664	42.9%
1	Yes	883	57.1%
2	No	0	
Sysmiss		1934	

# contr_disposed: Received contraception during the trial			
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# first_contra_date: Initial contraception collection date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=883 /-]		
# last_contra_date: Last contraception collection date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=883 /-]		
# totalcontra_visit: Total number of Contraceptive collection			
Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]		
Statistics [NW/ W]	[Valid=883 /-] [Invalid=2598 /-]		
# ever_eli_done: Ever assessed for PrEP eligibility			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3481 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0	No	307	8.8%
1	Yes	3174	91.2%
2	No	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_elig: Ever eligible for PrEP			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=3171 /-] [Invalid=310 /-]		
Value	Label	Cases	Percentage
0	No	1484	46.8%
1	Yes	1687	53.2%
2	No	0	
Sysmiss		310	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_uptake: Ever started PrEP			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1689 /-] [Invalid=1792 /-]		
Value	Label	Cases	Percentage
0	No	645	38.2%
1	Yes	1044	61.8%
2	No	0	
Sysmiss		1792	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ever_no_uptake: Reasons for no PrEP uptake			
Information	[Type= discrete] [Format=numeric] [Range= 0-5] [Missing=*]		
Statistics [NW/ W]	[Valid=640 /-] [Invalid=2841 /-]		
Value	Label	Cases	Percentage
0	Not interested/willing/ready to take tablet everyday	525	82.0%
1	Refused	65	10.2%

# ever_no_uptake: Reasons for no PrEP uptake			
Value	Label	Cases	Percentage
2	Sexually active - past 72hrs	7	1.1%
3	Not sexually active	10	1.6%
4	Prefers injectable	2	0.3%
5	Other	31	4.8%
Sysmiss		2841	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# first_PrEPdate			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-]		
# last_PrEPdate			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-]		
# totalPrEPvisit: Total number of PrEP collection			
Information	[Type= discrete] [Format=numeric] [Range= 1-12] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-]		
# f_refill_due: Due for first PrEP refill			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-]		
Value	Label	Cases	Percentage
0	No	1	0.1%
1	Yes	1043	99.9%
2	No	0	
Sysmiss		2437	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# atleast2visit: At least one PrEP refill			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1043 /-] [Invalid=2438 /-]		
Value	Label	Cases	Percentage
0	No	637	61.1%
1	Yes	406	38.9%
2	No	0	
Sysmiss		2438	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# subseq_refill_due: Due for at least second PrEP refill			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1043 /-] [Invalid=2438 /-]		
Value	Label	Cases	Percentage
0	No	654	62.7%
1	Yes	389	37.3%
2	No	0	
Sysmiss		2438	

# subseq_refill_due: Due for at least second PrEP refill			
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# atleast3visit: At least two PrEP refills			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1043 /-] [Invalid=2438 /-]		
Value	Label	Cases	Percentage
0	No	862	82.6%
1	Yes	181	17.4%
2	No	0	
Sysmiss		2438	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# discount_40day: No refill and 40 days have elapsed since PrEP initiation			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-]		
Value	Label	Cases	Percentage
0	No	407	39.0%
1	Yes	637	61.0%
2	No	0	
Sysmiss		2437	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# stopped_prep: Stopped PrEP			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-]		
Value	Label	Cases	Percentage
0	No	18	1.7%
1	Yes	1026	98.3%
2	No	0	
Sysmiss		2437	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# stopped_date: Date stopped PrEP			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-]		

# reas_stopped: Reason stopped PrEP			
Information	[Type= discrete] [Format=numeric] [Range= 1-97] [Missing=*]		
Statistics [NW/ W]	[Valid=1030 /-] [Invalid=2451 /-]		
Value	Label	Cases	Percentage
1	Not sexually active	15	1.5%
2	Have fewer partners	0	
3	Partner/s or family member/s object/refuse	0	
4	Trust partner/s or knows their status	0	
5	Other prevention strategies are sufficient	4	0.4%
6	Finding it difficult to engage with PrEP services/daily tablet	134	13.0%
7	Worried about side effects	10	1.0%
9	Don't feel adequately protected with PrEP	0	
11	pregnant or trying to become	1	0.1%
12	Seroconverted	0	
15	Stigma	0	
96	Other	74	7.2%
97	Haven't returned - LTFU	792	76.9%
Sysmiss		2451	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# time_tostop: Time to stopping PrEP (in days)			
Information	[Type= continuous] [Format=numeric] [Range= 1-400] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-] [Mean=61.602 /-] [StdDev=36.33 /-]		
# restarted: Stopped and restarted PrEP			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=1044 /-] [Invalid=2437 /-]		
Value	Label	Cases	Percentage
0	No	1008	96.6%
1	Yes	36	3.4%
2	No	0	
Sysmiss		2437	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# cutoffDate			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=3481 /-]		
# hepb_vac_date: Dispensed Date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=102 /-]		
# hepb_vac: Received Hep B vaccine			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=102 /-] [Invalid=3379 /-]		
Value	Label	Cases	Percentage
0	No	0	
1	Yes	102	100.0%

hepb_vac: Received Hep B vaccine

Value	Label	Cases	Percentage
2	No	0	
Sysmiss		3379	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.