

South Africa - Preferences for HIV pre-exposure prophylaxis delivery among young men with alcohol use in rural KwaZulu-Natal, South Africa: Discrete Choice Experiment and Demographic Data, 2025-2026

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Identification

SURVEY ID NUMBER

AHRI.PrEParedForChange.Aim2.Demographic

TITLE

Preferences for HIV pre-exposure prophylaxis delivery among young men with alcohol use in rural KwaZulu-Natal, South Africa: Discrete Choice Experiment and Demographic Data, 2025-2026

COUNTRY

| Name | Country code |
|--------------|--------------|
| South Africa | ZA |

ABSTRACT

This repository contains data from a discrete choice experiment (DCE) conducted among young men with alcohol use in rural KwaZulu-Natal, South Africa, to assess preferences for HIV prevention service delivery. Participants were recruited from a parent HIV prevention trial and completed a structured survey alongside a DCE consisting of nine choice tasks evaluating trade-offs across service location (soccer fields, shebeens, taxi ranks), service timing (weekdays, week evenings, weekends), and HIV prevention modality (event-driven oral PrEP [2-1-1], injectable PrEP, condoms-only).

The dataset includes participant-level demographic and behavioral characteristics, discrete choice responses, and individual-level preference estimates (part-worth utilities) derived using hierarchical Bayesian modeling. These data enable analysis of preference heterogeneity, attribute importance, and subgroup differences in HIV prevention preferences.

KIND OF DATA

Demographic and behavioral data, choice responses from the DCE, individual-level preference utilities

UNIT OF ANALYSIS

Individual study participant

Version

VERSION DESCRIPTION

V1.0.0

Scope

TOPICS

| Topic | Vocabulary | URI |
|--|----------------------------------|--|
| HIV infection; pre-exposure prophylaxis; health services accessibility; health behavior; substance use | Africa Health Research Institute | www.ahri.org |

KEYWORDS

| Keyword | Vocabulary | URI |
|--|----------------------------------|--|
| discrete choice experiment, PrEP preferences, young men, alcohol use, mobile HIV services, South Africa, implementation research | Africa Health Research Institute | www.ahri.org |

Coverage

GEOGRAPHIC COVERAGE

The study was conducted within the Africa Health Research Institute (AHRI) Health and Demographic Surveillance System (HDSS) in uMkhanyakude district, KwaZulu-Natal, South Africa. This rural surveillance area is located approximately 200 km

South Africa - Preferences for HIV pre-exposure prophylaxis delivery among young men with alcohol use in rural KwaZulu-Natal, South Africa: Discrete Choice Experiment and Demographic Data, 2025–2026 north of Durban and spans approximately 845 km². For more refer:

1. Chidumwa G, Chimbindi N, Herbst C, et al. Isisekelo Sempilo study protocol for the effectiveness of HIV prevention embedded in sexual health with or without peer navigator support (Thetha Nami) to reduce prevalence of transmissible HIV amongst adolescents and young adults in rural KwaZulu-Natal: a 2 x 2 factorial randomised controlled trial. BMC Public Health 2022;22(1):454. DOI: 10.1186/s12889-022-12796-8.

2. Castle AC, Busang J, Dreyer J, et al. Alcohol Use and the Pre-exposure Prophylaxis Continuum of Care Among Men in Rural South Africa: Results from a Longitudinal Study. AIDS Behav 2025. DOI: 10.1007/s10461-025-04694-y.

UNIVERSE

The study population consists of men aged 18 years and older residing within the AHRI HDSS in uMkhanyakude district, KwaZulu-Natal, South Africa. Participants were drawn from a parent HIV prevention trial and were eligible if they reported alcohol use, were living without HIV, and were sexually active during the parent trial.

Producers and sponsors

PRIMARY INVESTIGATORS

| Name | Affiliation |
|-------------------|--------------------------------------|
| Alison Castle | AHRI; Massachusetts General Hospital |
| Maryam Shahmanesh | AHRI; University College London |
| Mark Siedner | AHRI; Massachusetts General Hospital |

PRODUCERS

| Name | Abbreviation |
|----------------------------------|--------------|
| Africa Health Research Institute | AHRI |

FUNDING AGENCY/SPONSOR

| Name | Abbreviation | Role |
|---|--------------|----------------------|
| Massachusetts General Hospital Center for Global Health | MGH CGH | Funder |
| National Institute of Mental Health | NIMH | Funder |
| Bill & Melinda Gates Foundation | | Parent trial funding |
| Wellcome Trust | WT | Core Funder |

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

| Name | Affiliation | Role |
|--------------------|-------------|--------------------------|
| Nkosinathi Mthembu | AHRI | Data collection |
| Lucky Nzimande | AHRI | Data collection |
| Thenjiwe Ncube | AHRI | Data collection |
| Bongani Nkosi | AHRI | Data collection |
| Sweetness Dube | AHRI | Research Data management |

Sampling

SAMPLING PROCEDURE

Participants were identified from a parent HIV prevention trial conducted within the AHRI Health and Demographic Surveillance System. Eligible participants were drawn from the trial registry and approached by trained research staff for participation in the discrete choice experiment. Recruitment was conducted in person within the study area, and participants

South Africa - Preferences for HIV pre-exposure prophylaxis delivery among young men with alcohol use in rural KwaZulu-Natal, South Africa: Discrete Choice Experiment and Demographic Data, 2025–2026 completed the survey at a time and location convenient to them. A total of 185 participants completed the discrete choice experiment.

Data collection

DATES OF DATA COLLECTION

| Start | End |
|------------|------------|
| 2025-06-01 | 2026-01-31 |

Data Processing

DATA EDITING

1.1.1 Other Processing

- DCE design generated using Sawtooth Lighthouse Studio using a D-efficient fractional factorial design
- Data exported from REDCap and Sawtooth and cleaned in Stata
- Hierarchical Bayesian models used to estimate individual-level preference utilities in Sawtooth Lighthouse Studio
- Utilities were effects-coded and zero-centered within attributes
- Dataset de-identified prior to repository submission

Access policy

ACCESS CONDITIONS

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 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 data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed. 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 DOI.

CITATION REQUIREMENTS

Castle, A., Shahmanesh, M., & Siedner, M. (2026). Preferences for HIV pre-exposure prophylaxis delivery among young men with alcohol use in rural KwaZulu-Natal, South Africa: Discrete Choice Experiment and Demographic Data, 2025–2026 [Data set]. Africa Health Research Institute. DOI:<https://doi.org/10.23664/AHRI.PREPAREDFORCHANGE.AIM2.DEMOGRAPHIC>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.PrEParedForChange.Aim2.Demographic

PRODUCERS

| Name | Abbreviation |
|----------------------------------|--------------|
| Africa Health Research Institute | AHRI |

Data Dictionary

| Data file | Cases | Variables |
|-------------------------------|--------------|------------------|
| CBC_response_dataset | 185 | 22 |
| hb_utilities_raw | 185 | 12 |
| Demographic_dataset.V2 | 185 | 22 |

Data file: CBC_response_dataset

Cases: 185

Variables: 22

Variables

| ID | Name | Label | Question |
|-------|------------------|----------------------------------|----------|
| V1567 | sawtoothid | Sawtooth ID | |
| V1568 | rid | sys_RespNum | |
| V1569 | sys_elapsedtime | sys_ElapsedTime | |
| V1570 | elapsed_min | Survey completion time (minutes) | |
| V1571 | cbc_random1 | CBC_Random1 | |
| V1572 | cbc_random1_none | CBC_Random1_none | |
| V1573 | cbc_random2 | CBC_Random2 | |
| V1574 | cbc_random2_none | CBC_Random2_none | |
| V1575 | cbc_random3 | CBC_Random3 | |
| V1576 | cbc_random3_none | CBC_Random3_none | |
| V1577 | cbc_random4 | CBC_Random4 | |
| V1578 | cbc_random4_none | CBC_Random4_none | |
| V1579 | cbc_random5 | CBC_Random5 | |
| V1580 | cbc_random5_none | CBC_Random5_none | |
| V1581 | cbc_random6 | CBC_Random6 | |
| V1582 | cbc_random6_none | CBC_Random6_none | |
| V1583 | cbc_random7 | CBC_Random7 | |
| V1584 | cbc_random7_none | CBC_Random7_none | |
| V1585 | cbc_random8 | CBC_Random8 | |
| V1586 | cbc_random8_none | CBC_Random8_none | |
| V1587 | cbc_random9 | CBC_Random9 | |
| V1588 | cbc_random9_none | CBC_Random9_none | |

Total: 22

Data file: hb_utilities_raw

Cases: 185

Variables: 12

Variables

| ID | Name | Label | Question |
|-------|----------------|---|----------|
| V1589 | rid | Respondent ID (Sawtooth HB output) | |
| V1590 | rlh | Root likelihood (model fit statistic from HB estimation) | |
| V1591 | soccerfields | Utility: service location " soccer fields | |
| V1592 | shebeens | Utility: service location " shebeens (bars) | |
| V1593 | taxiranks | Utility: service location " taxi ranks | |
| V1594 | weekends | Utility: service timing " weekends | |
| V1595 | weekdays | Utility: service timing " weekdays | |
| V1596 | weekevenings | Utility: service timing " weekday evenings | |
| V1597 | oral211prep | Utility: HIV prevention method " oral PrEP (2-1-1 dosing) | |
| V1598 | injectableprep | Utility: HIV prevention method " injectable PrEP | |
| V1599 | condoms | Utility: HIV prevention method " condoms | |
| V1600 | none | Utility: opt-out (no prevention method selected) | |

Total: 12

Data file: Demographic_dataset.V2

Cases: 185

Variables: 22

Variables

| ID | Name | Label | Question |
|-------|------------------------|--|----------|
| V1601 | sawtoothid | Sawtooth participant ID | |
| V1602 | sex_ever | Have you ever had sex? | |
| V1603 | sex_condomless | Any sex without a condom in the last 12 months | |
| V1604 | sex_sti | Ever diagnosed with a sexually transmitted infection | |
| V1605 | sex_partnerhiv | Knows HIV status of current sexual partner | |
| V1606 | partner_hivstatus | HIV status of current sexual partner | |
| V1607 | hivtestyear | Tested for HIV in the last 12 months | |
| V1608 | current_prep | Currently taking pre-exposure prophylaxis (PrEP) | |
| V1609 | past_prep | Ever taken PrEP before | |
| V1610 | age_yrs_int | Age (years) | |
| V1611 | employed | Currently employed | |
| V1612 | partners_cat | Number of sexual partners in the past 12 months (categorized) | |
| V1613 | prep_gt3mo | PrEP use longer than 3 months (among prior users) | |
| V1614 | auditc_1 | How often do you have a drink containing alcohol? | |
| V1615 | auditc_2 | How many standard drinks do you have on a typical day when drinking? | |
| V1616 | auditc_3q | How often do you have six or more drinks on one occasion? | |
| V1617 | auditc_total | AUDIT-C total score | |
| V1618 | alc_risk | Alcohol risk group | |
| V1619 | cleansingaftersex_yn | Uses cleansing after sex as an HIV prevention method | |
| V1620 | traditionalmedicine_yn | Uses traditional medicine as an HIV prevention method | |
| V1621 | circumcision_yn | Uses circumcision as an HIV prevention method | |
| V1622 | condoms_yn | Uses condoms as an HIV prevention method | |

Total: 22

SAWTOOTHID: Sawtooth ID

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

RID: sys_RespNum

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0 Minimum: 2 Maximum: 191 Mean: 95.849 Standard deviation: 54.705
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 191 Format: Numeric

SYS_ELAPSEDTIME: sys_ElapsedTime

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0 Minimum: 72 Maximum: 590 Mean: 244.395 Standard deviation: 71.433
Type: Continuous Decimal: 0 Width: 10 Range: 72 - 590 Format: Numeric

ELAPSED_MIN: Survey completion time (minutes)

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0 Minimum: 1.2 Maximum: 9.833 Mean: 4.073 Standard deviation: 1.191
Type: Continuous Decimal: 0 Width: 9 Range: 1.20000004768372 - 9.8333330154419 Format: Numeric

CBC_RANDOM1: CBC_Random1

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM1_NONE: CBC_Random1_none

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM2: CBC_Random2

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM2_NONE: CBC_Random2_none

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM3: CBC_Random3

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM3_NONE: CBC_Random3_none

Data file: CBC_response_dataset

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM4: CBC_Random4

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM4_NONE: CBC_Random4_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM5: CBC_Random5

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM5_NONE: CBC_Random5_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM6: CBC_Random6

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM6_NONE: CBC_Random6_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM7: CBC_Random7

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM7_NONE: CBC_Random7_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM8: CBC_Random8

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM8_NONE: CBC_Random8_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM9: CBC_Random9

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

CBC_RANDOM9_NONE: CBC_Random9_none

Data file: CBC_response_dataset

Overview

Valid: 184 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

RID: Respondent ID (Sawtooth HB output)

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: 2 Maximum: 191 Mean: 95.849 Standard deviation: 54.705
Type: Continuous Decimal: 0 Width: 12 Range: 2 - 191 Format: Numeric

RLH: Root likelihood (model fit statistic from HB estimation)

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: 0.277 Maximum: 0.928 Mean: 0.768 Standard deviation: 0.119
Type: Continuous Decimal: 0 Width: 9 Range: 0.27700001001358 - 0.927999973297119 Format: Numeric

SOCCERFIELDS: Utility: service location " soccer fields

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -95.238 Maximum: 130.871 Mean: 19.393 Standard deviation: 38.265
Type: Continuous Decimal: 0 Width: 9 Range: -95.2380523681641 - 130.871170043945 Format: Numeric

SHEBEENS: Utility: service location " shebeens (bars)

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -131.962 Maximum: 88.724 Mean: -17.583 Standard deviation: 39.184
Type: Continuous Decimal: 0 Width: 9 Range: -131.961807250977 - 88.7237930297852 Format: Numeric

TAXIRANKS: Utility: service location " taxi ranks

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -99.183 Maximum: 101.479 Mean: -1.81 Standard deviation: 33.808
Type: Continuous Decimal: 0 Width: 9 Range: -99.1831588745117 - 101.47859954834 Format: Numeric

WEEKENDS: Utility: service timing " weekends

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -73.344 Maximum: 58.259 Mean: -0.892 Standard deviation: 17.432
Type: Continuous Decimal: 0 Width: 9 Range: -73.3437805175781 - 58.2589988708496 Format: Numeric

WEEKDAYS: Utility: service timing â€“ weekdays

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -60.753 Maximum: 93.674 Mean: -2.612 Standard deviation: 16.45
Type: Continuous Decimal: 0 Width: 9 Range: -60.7533683776856 - 93.6740798950195 Format: Numeric

WEEKEVENINGS: Utility: service timing â€“ weekday evenings

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -58.662 Maximum: 61.342 Mean: 3.504 Standard deviation: 17.159
Type: Continuous Decimal: 0 Width: 9 Range: -58.6622695922852 - 61.341869354248 Format: Numeric

ORAL211PREP: Utility: HIV prevention method â€“ oral PrEP (2-1-1 dosing)

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -124.554 Maximum: 138.858 Mean: 12.254 Standard deviation: 73.319
Type: Continuous Decimal: 0 Width: 9 Range: -124.554298400879 - 138.857666015625 Format: Numeric

INJECTABLEPREP: Utility: HIV prevention method â€“ injectable PrEP

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -158.659 Maximum: 155.72 Mean: -1.1 Standard deviation: 97.781
Type: Continuous Decimal: 0 Width: 9 Range: -158.659332275391 - 155.720016479492 Format: Numeric

CONDOMS: Utility: HIV prevention method â€“ condoms

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -146.029 Maximum: 141.06 Mean: -11.154 Standard deviation: 75.854
Type: Continuous Decimal: 0 Width: 9 Range: -146.028884887695 - 141.059753417969 Format: Numeric

NONE: Utility: opt-out (no prevention method selected)

Data file: hb_utilities_raw

Overview

Valid: 185 Invalid: 0 Minimum: -959.901 Maximum: -229.395 Mean: -335.478 Standard deviation: 113.019
Type: Continuous Decimal: 0 Width: 9 Range: -959.900939941406 - -229.39518737793 Format: Numeric

SAWTOOTHID: Sawtooth participant ID

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

SEX_EVER: Have you ever had sex?

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 6 | 3.2% |
| 1 | Yes | 179 | 96.8% |

SEX_CONDOMLESS: Any sex without a condom in the last 12 months

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 57 | 30.8% |
| 1 | Yes | 128 | 69.2% |

SEX_STI: Ever diagnosed with a sexually transmitted infection

Data file: Demographic_dataset.V2

Overview

Valid: 179 Invalid: 6
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---------|------------|-------|-------|
| 0 | No | 112 | 62.6% |
| 1 | Yes | 67 | 37.4% |
| 2 | Don't know | 0 | 0% |
| Sysmiss | | 6 | |

SEX_PARTNERHIV: Knows HIV status of current sexual partner

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 99 | 53.5% |
| 1 | Yes | 86 | 46.5% |

PARTNER_HIVSTATUS: HIV status of current sexual partner

Data file: Demographic_dataset.V2

Overview

Valid: 86 Invalid: 99

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---------|------------|-------|-------|
| 0 | Negative | 82 | 95.3% |
| 1 | Positive | 3 | 3.5% |
| 2 | Don't know | 1 | 1.2% |
| Sysmiss | | 99 | |

HIVTESTYEAR: Tested for HIV in the last 12 months

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|------------|-------|-------|
| 0 | No | 45 | 24.3% |
| 1 | Yes | 140 | 75.7% |
| 2 | Don't know | 0 | 0% |

CURRENT_PREP: Currently taking pre-exposure prophylaxis (PrEP)

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|------------|-------|-------|
| 0 | No | 174 | 94.1% |
| 1 | Yes | 10 | 5.4% |
| 2 | Don't know | 1 | 0.5% |

PAST_PREP: Ever taken PrEP before

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 120 | 64.9% |

| | | | |
|---|------------|----|-------|
| 1 | Yes | 65 | 35.1% |
| 2 | Don't know | 0 | 0% |

AGE_YRS_INT: Age (years)

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 21 - 41 Format: Numeric

EMPLOYED: Currently employed

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 130 | 70.3% |
| 1 | Yes | 55 | 29.7% |

PARTNERS_CAT: Number of sexual partners in the past 12 months (categorized)

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 24 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|--------------------------|-------|-------|
| 1 | 0 to 1 partners | 48 | 25.9% |
| 2 | 2 to 5 partners | 122 | 65.9% |
| 3 | 6 to 12 partners | 12 | 6.5% |
| 4 | greater than 12 partners | 3 | 1.6% |

PREP_GT3MO: PrEP use longer than 3 months (among prior users)

Data file: Demographic_dataset.V2

Overview

Valid: 65 Invalid: 120
 Type: Discrete Decimal: 0 Width: 31 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---------|--------------------------------|-------|-------|
| 0 | less than or equal to 3 months | 24 | 36.9% |
| 1 | greater than 3 months | 41 | 63.1% |
| Sysmiss | | 120 | |

AUDITC_1: How often do you have a drink containing alcohol?

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|------------------------|-------|-------|
| 0 | Never | 17 | 9.2% |
| 1 | Monthly or less | 76 | 41.1% |
| 2 | 2-4 times a month | 65 | 35.1% |
| 3 | 2-3 times a week | 14 | 7.6% |
| 4 | 4 or more times a week | 13 | 7% |

AUDITC_2: How many standard drinks do you have on a typical day when drinking?

Data file: Demographic_dataset.V2

Overview

Valid: 184 Invalid: 1
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---------|------------|-------|-------|
| 0 | 1 or 2 | 40 | 21.7% |
| 1 | 3 to 4 | 55 | 29.9% |
| 2 | 5 to 6 | 52 | 28.3% |
| 3 | 7 to 9 | 10 | 5.4% |
| 4 | 10 or more | 27 | 14.7% |
| Sysmiss | | 1 | |

AUDITC_3Q: How often do you have six or more drinks on one occasion?

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 3 Format: Numeric

AUDITC_TOTAL: AUDIT-C total score

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 11 Format: Numeric

ALC_RISK: Alcohol risk group

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0
 Type: Discrete Decimal: 0 Width: 25 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|---------------------------|-------|-------|
| 0 | Low/moderate risk alcohol | 67 | 36.2% |
| 1 | High risk alcohol | 118 | 63.8% |

CLEANSINGAFTERSEX_YN: Uses cleansing after sex as an HIV prevention method

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 63 | 34.1% |
| 1 | Yes | 122 | 65.9% |

TRADITIONALMEDICINE_YN: Uses traditional medicine as an HIV prevention method

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 143 | 77.3% |
| 1 | Yes | 42 | 22.7% |

CIRCUMCISION_YN: Uses circumcision as an HIV prevention method

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 66 | 35.7% |
| 1 | Yes | 119 | 64.3% |

CONDOMS_YN: Uses condoms as an HIV prevention method

Data file: Demographic_dataset.V2

Overview

Valid: 185 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | No | 43 | 23.2% |
| 1 | Yes | 142 | 76.8% |

Download related resources

Technical documents

DDI:PrEParedForChange.Aim2.Demographic

| | |
|--------------|---|
| Title | DDI:PrEParedForChange.Aim2.Demographic |
| Author(s) | Sweetness H Dube |
| Date | 26 March 2026 |
| Country | South Africa |
| Language | English |
| Publisher(s) | Sweetness H Dube |
| Filename | AHRI.PrEParedForChange.Aim2.Demographic.pdf |
