

South Africa - AHRI:Sesikhona! (we are here) mHealth readiness

Nompumelelo Mkwazi

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Identification

SURVEY ID NUMBER

AHRI.Sesikhona.mHealth.Readiness.Survey

TITLE

AHRI:Sesikhona! (we are here) mHealth readiness

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

The Sesikhona study is the first of its kind study using smartphone-based GPS technology to record ultra-high resolution mobility patterns of over 200 young adults aged 20-30 years in rural KwaZulu Natal. The study seeks to identify distinct movement typologies within this highly mobile, HIV hyper-endemic population and to quantify travel in and out of known high-risk locations, with the long-term goal of developing a location-intelligent smartphone intervention that delivers real-time, precision messaging to individuals at heightened risk of HIV acquisition, transmission or treatment interruption. Conducted in three phases between 2021 and 2025, the study used the Avicenna Research Platform to collect GPS and survey data. Between 2023 and 2025, consenting individuals self-completed monthly mobile health surveys to assess the use of technology including quality of the smartphone, change of cell phone number, phone sharing, network coverage and data and airtime spend, as well as experience with and willingness to use mobile health. 22754, 25867, 22753, 22755, 22757, 22756

KIND OF DATA

Survey data

UNIT OF ANALYSIS

Young adults aged 20-30 years old

Version

VERSION DESCRIPTION

v1.0.0

Scope

TOPICS

Topic	Vocabulary	URI
GPS technology, smartphone-based GPS, human mobility, young adults, HIV, mobile health, digital technology, mobile health, mobile health readiness	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
Human mobility, HIV, GPS technology, digital technology, mobile health readiness	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

Residents from uMkhanyakude in KwaZulu Natal but move anywhere in South Africa

UNIVERSE

A random sample of adults aged 20-30 years old who were resident in Southern PIPSA, participated in the 2019 HIV surveillance and consented to participate in Sesikhona study and opted in for the mobile health surveys

Producers and sponsors**PRIMARY INVESTIGATORS**

Name	Affiliation
Prof. Frank Tanser(Principal Investigator)	Africa Health Research Institute/ Stellenbosch University
Prof Adrian Dobra	University of Washington
Prof Till Barnighausen	Africa Health Research Institute/Medical Faculty and University Hospital, Heidelberg University, Heidelberg Institute of Global Health, Heidelberg, Germany

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
National Institute of Health	NIH	Funder
German Science Foundation	DFG	Funder
Academy of Medical Sciences Newton Fund	NAF	Funder

Sampling**SAMPLING PROCEDURE**

Participants were randomly selected from the 2019 AHRI HIV surveillance program if they were aged 20-30 years old and had participated in the HIV survey in 2019 and were resident members in the southern PIP and owned a smartphone that supported the study app.

Data collection**DATES OF DATA COLLECTION**

Start	End
2024-09-01	2025-06-30

Data Processing**DATA EDITING**

Mobile health readiness survey responses from Sesikhona participants via the Avicenna app

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 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 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.

CITATION REQUIREMENTS

Tanser, F., Dobra, A., & Barnighausen, T. (2025). AHRI:Sesikhona! (we are here) mHealth readiness [Data set]. Africa Health Research Institute.

DOI: <https://doi.org/10.23664/AHRI.SESIKHONA.MHEALTH.READINESS.SURVEY>

Metadata production

DDI DOCUMENT ID

DDI.AHRI.Sesikhona.mHealth.Readiness.Survey

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0	92	57

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Cases: 92

Variables: 57

Variables

ID	Name	Label	Question
V127	pid	Participant ID	
V128	status_22754	Status of Smartphone and cellphone number changes	
V129	saq_1_22754	When you first got your current smartphone, you are using, was it used by someone	
V130	saq_2_22754	How long have you been using the smartphone for?	
V131	saq_3_22754	How long have you had your current cellphone number?	
V132	saq_4_22754	How many cellphone numbers have you had in the past 2 years?	
V133	record_time_22754	Record Time 22754	
V134	status_22753	Status of network coverage	
V135	saq_1_22753	What type of network is available on your mobile phone right now?	
V136	saq_2_22753	How many network bars are visible on the phone?	
V137	record_time_22753	Record Time 22753	
V138	status_22755	Status of airtime and data use	
V139	saq_1_22755	Do you currently have any minutes or airtime to make outbound calls?	
V140	saq_2_22755	How many days has your phone not had minutes or airtime?	
V141	saq_4_22755	Last month how much did you spend on airtime?	
V142	saq_5_22755	Do you currently have any data balance to search internet or use social media?	
V143	saq_6_22755	How many days has your phone not had any data?	
V144	saq_7_22755	Last month how much did you spend on data?	
V145	maq_1_22755	WhatsApp	
V146	maq_2_22755	Facebook	
V147	maq_3_22755	Tick Tok	
V148	maq_4_22755	YouTube	
V149	maq_5_22755	Instagram	
V150	maq_6_22755	X	
V151	num_3_22755	Last month how much did you spent on airtime?	
V152	num_9_22755	Last month how much did you spent on data?	
V153	record_time_22755	Record Time 22755	
V154	status_22757	Status of internet and app use	
V155	saq_2_22757	When last did you use any of the apps?	
V156	maq_1_22757	Chat apps (WhatsApp, Snapchat)	
V157	maq_2_22757	Social media apps (media(Facebook, Instagram, Tik Tok)	
V158	maq_3_22757	Video streaming ((YouTube,Netflix,Showmax)	
V159	maq_4_22757	Financial apps (e.g., Capitec, FNB, Zapper)	
V160	maq_5_22757	Email (Gmail, Microsoft outlook)	
V161	num_3_22757	Since yesterday, how much time did you spend on these apps?	
V162	record_time_22757	Record Time 22757	
V163	status_22758	Status of mHealth readiness	
V164	saq_1_22758	Have you ever used a mobile phone to get information about health (it could apps	

ID	Name	Label	Question
V165	saq_2_22758	When was the last time?	
V166	saq_5_22758	Have you ever used a mobile phone to make or receive a call or message from a hea	
V167	saq_6_22758	When was the last time that you used a mobile phone to make or receive a call or	
V168	saq_7_22758	Have you ever visited a health clinic where the doctor or nurse called another do	
V169	saq_8_22758	Have you ever used a mobile phone to monitor or track any aspects of your persona	
V170	saq_9_22758	When was the last time that you used a mobile phone to monitor or track aspects o	
V171	maq_1_22758	Check symptoms	
V172	maq_2_22758	Treatment	
V173	maq_3_22758	Side effects	
V174	maq_4_22758	Wellness e.g. weight or nutrition or gym	
V175	maq_5_22758	Other, specify	
V176	record_time_22758	Record Time 22758	
V177	status_22756	Status 22756	
V178	saq_1_22756	Does anyone else other than you ever use your phone?	
V179	saq_2_22756	Who else uses your phone?	
V180	saq_3_22756	When was the last time this person used your phone?	
V181	saq_4_22756	Who has the phone most of the day?	
V182	saq_5_22756	Does anyone in your family/household check your messages/call history?	
V183	record_time_22756	Record Time 22756	

Total: 57

PID: Participant ID**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0 Minimum: 39636 Maximum: 100921 Mean: 52996.641 Standard deviation: 12982.912
 Type: Continuous Decimal: 0 Width: 12 Range: 39636 - 100921 Format: Numeric

STATUS_22754: Status of Smartphone and cellphone number changes**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	92	100%
2	The participant did not want to complete the activity and explicitly canceled it	0	0%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%

SAQ_1_22754: When you first got your current smartphone, you are using, was it used by someone**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	I am first user	62	67.4%
2	My partner/spouse used it	9	9.8%
3	My sibling used it	3	3.3%
4	Someone else	7	7.6%

5	I bought it second hand	11	12%
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SAQ_2_22754: How long have you been using the smartphone for?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	0-6 months	21	22.8%
2	6-12 months	15	16.3%
3	1-2 years	20	21.7%
4	2-3 years	12	13%
5	Over 3 years	24	26.1%

SAQ_3_22754: How long have you had your current cellphone number?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	0-6 months	7	7.6%
2	6-12 months	10	10.9%
3	1-2 years	11	12%
4	2-3 years	13	14.1%
5	Over 3 years	51	55.4%

SAQ_4_22754: How many cellphone numbers have you had in the past 2 years?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	35	38%
2	2	38	41.3%
3	3	9	9.8%
4	4 or more	10	10.9%

RECORD_TIME_22754: Record Time 22754

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Minimum: 2024-09-19 Maximum: 2024-11-12

Type: Discrete Width: 11 Range: - Format: character

STATUS_22753: Status of network coverage

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	92	100%
2	The participant did not want to complete the activity and explicitly canceled it	0	0%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%

SAQ_1_22753: What type of network is available on your mobile phone right now?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	3G	15	16.3%
2	4G LTE	69	75%
3	5G	4	4.3%
4	No network	4	4.3%

SAQ_2_22753: How many network bars are visible on the phone?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	None	2	2.2%
2	Less than half	7	7.6%
3	Half	28	30.4%
4	More than half	16	17.4%
5	Full	39	42.4%

RECORD_TIME_22753: Record Time 22753**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Minimum: 2024-09-18 Maximum: 2024-11-12

Type: Discrete Width: 11 Range: - Format: character

STATUS_22755: Status of airtime and data use**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	92	100%
2	The participant did not want to complete the activity and explicitly canceled it	0	0%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%

SAQ_1_22755: Do you currently have any minutes or airtime to make outbound calls?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	34	37%
2	No	58	63%

SAQ_2_22755: How many days has your phone not had minutes or airtime?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 58 Invalid: 34

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	11	19%
2	2	4	6.9%
3	3	7	12.1%
4	4 or more	36	62.1%
Sysmiss		34	

SAQ_4_22755: Last month how much did you spend on airtime?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	59	64.1%
2	No	33	35.9%

SAQ_5_22755: Do you currently have any data balance to search internet or use social media?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 33 Invalid: 59

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	4	12.1%
2	2	3	9.1%
3	3	3	9.1%
4	4 or more	23	69.7%

Sysmiss		59	
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SAQ_6_22755: How many days has your phone not had any data?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Prepaid data bundle	43	46.7%
2	Convert airtime to data	45	48.9%
3	Contract data plan	4	4.3%

SAQ_7_22755: Last month how much did you spend on data?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	All-purpose data	63	68.5%
2	Social data bundle (facebook, WhatsApp)	29	31.5%

MAQ_1_22755: WhatsApp

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 57 Invalid: 35
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	57	100%
2	No	0	0%
Sysmiss		35	

MAQ_2_22755: Facebook

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 48 Invalid: 44

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	48	100%
2	No	0	0%
Sysmiss		44	

MAQ_3_22755: Tick Tok

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 41 Invalid: 51

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	41	100%
2	No	0	0%
Sysmiss		51	

MAQ_4_22755: YouTube

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 38 Invalid: 54

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	38	100%
2	No	0	0%
Sysmiss		54	

MAQ_5_22755: Instagram

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 13 Invalid: 79

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13	100%
2	No	0	0%
Sysmiss		79	

MAQ_6_22755: X

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 11 Invalid: 81

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	100%
2	No	0	0%
Sysmiss		81	

NUM_3_22755: Last month how much did you spent on airtime?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0 Minimum: -200 Maximum: 300 Mean: 34.957 Standard deviation: 71.41
 Type: Continuous Decimal: 0 Width: 12 Range: -200 - 300 Format: Numeric

NUM_9_22755: Last month how much did you spent on data?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0 Minimum: -200 Maximum: 350 Mean: 55.424 Standard deviation: 81.564
 Type: Continuous Decimal: 0 Width: 12 Range: -200 - 350 Format: Numeric

RECORD_TIME_22755: Record Time 22755**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Minimum: 2024-09-20 Maximum: 2024-11-15
 Type: Discrete Width: 11 Range: - Format: character

STATUS_22757: Status of internet and app use**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	91	98.9%
2	The participant did not want to complete the activity and explicitly canceled it	1	1.1%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%

SAQ_2_22757: When last did you use any of the apps?**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 91 Invalid: 1

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 24 hrs	50	54.9%
2	1-7 days	22	24.2%
3	8-30 days	5	5.5%
4	More than 30 days	14	15.4%
Sysmiss		1	

MAQ_1_22757: Chat apps (WhatsApp, Snapchat)**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 72 Invalid: 20

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	72	100%
2	No	0	0%
Sysmiss		20	

MAQ_2_22757: Social media apps (media(Facebook, Instagram, Tik Tok)**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 61 Invalid: 31

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	61	100%
2	No	0	0%
Sysmiss		31	

MAQ_3_22757: Video streaming ((YouTube,Netflix,Showmax)

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 34 Invalid: 58

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	34	100%
2	No	0	0%
Sysmiss		58	

MAQ_4_22757: Financial apps (e.g., Capitec, FNB, Zapper)

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 37 Invalid: 55

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	37	100%
2	No	0	0%
Sysmiss		55	

MAQ_5_22757: Email (Gmail, Microsoft outlook)

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 51 Invalid: 41

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	51	100%
2	No	0	0%
Sysmiss		41	

NUM_3_22757: Since yesterday, how much time did you spend on these apps?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

OverviewValid: 92 Invalid: 0 Minimum: -20 Maximum: 220 Mean: 16.348 Standard deviation: 31.181
Type: Continuous Decimal: 0 Width: 12 Range: -20 - 220 Format: Numeric**RECORD_TIME_22757: Record Time 22757**

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

OverviewValid: 92 Minimum: 2024-09-23 Maximum: 2024-11-12
Type: Discrete Width: 11 Range: - Format: character**STATUS_22758: Status of mHealth readiness**

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

OverviewValid: 92 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	89	96.7%
2	The participant did not want to complete the activity and explicitly canceled it	3	3.3%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%

5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%
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SAQ_1_22758: Have you ever used a mobile phone to get information about health (it could apps

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	76	82.6%
2	No	16	17.4%

SAQ_2_22758: When was the last time?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 76 Invalid: 16

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 24 hrs	16	21.1%
2	1-7 days	23	30.3%
3	8-30 days	17	22.4%
4	More than 30 days	20	26.3%
Sysmiss		16	

SAQ_5_22758: Have you ever used a mobile phone to make or receive a call or message from a hea

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 89 Invalid: 3

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	43	48.3%
2	No	46	51.7%
Sysmiss		3	

SAQ_6_22758: When was the last time that you used a mobile phone to make or receive a call or

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 43 Invalid: 49

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 24 hrs	8	18.6%
2	1-7 days	10	23.3%
3	8-30 days	6	14%
4	More than 30 days	19	44.2%
Sysmiss		49	

SAQ_7_22758: Have you ever visited a health clinic where the doctor or nurse called another do

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 88 Invalid: 4

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	32	36.4%

2	No	56	63.6%
Sysmiss		4	

SAQ_8_22758: Have you ever used a mobile phone to monitor or track any aspects of your persona

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 89 Invalid: 3

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	31	34.8%
2	No	58	65.2%
Sysmiss		3	

SAQ_9_22758: When was the last time that you used a mobile phone to monitor or track aspects o

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 31 Invalid: 61

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 24 hrs	8	25.8%
2	1-7 days	7	22.6%
3	8-30 days	6	19.4%
4	More than 30 days	10	32.3%
Sysmiss		61	

MAQ_1_22758: Check symptoms

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 30 Invalid: 62

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	30	100%
2	No	0	0%
Sysmiss		62	

MAQ_2_22758: Treatment

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 17 Invalid: 75

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17	100%
2	No	0	0%
Sysmiss		75	

MAQ_3_22758: Side effects

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 17 Invalid: 75

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17	100%
2	No	0	0%
Sysmiss		75	

MAQ_4_22758: Wellness e.g. weight or nutrition or gym**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 24 Invalid: 68

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	24	100%
2	No	0	0%
Sysmiss		68	

MAQ_5_22758: Other, specify**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 15 Invalid: 77

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	15	100%
2	No	0	0%
Sysmiss		77	

RECORD_TIME_22758: Record Time 22758**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0****Overview**

Valid: 92 Minimum: 2024-09-23 Maximum: 2024-11-12

Type: Discrete Width: 11 Range: - Format: character

STATUS_22756: Status 22756**Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0**

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	The participant completed the activity and submitted it	92	100%
2	The participant did not want to complete the activity and explicitly canceled it	0	0%
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	0%
4	The session was blocked by another active session from the same activity and could not be prompted	0	0%
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	0	0%

SAQ_1_22756: Does anyone else other than you ever use your phone?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	35	38%
2	No	57	62%

SAQ_2_22756: Who else uses your phone?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 35 Invalid: 57

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Partner/spouse	7	20%
2	Child	13	37.1%
3	Mother/Father	2	5.7%
4	Sibling	9	25.7%
5	Other	4	11.4%
Sysmiss		57	

SAQ_3_22756: When was the last time this person used your phone?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 35 Invalid: 57

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 24 hrs	19	54.3%
2	1-7 days	7	20%
3	8-30 days	2	5.7%
4	More than 30 days	7	20%
Sysmiss		57	

SAQ_4_22756: Who has the phone most of the day?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 19 Invalid: 73

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	I do	16	84.2%
2	Someone else does	3	15.8%
Sysmiss		73	

SAQ_5_22756: Does anyone in your family/household check your messages/call history?

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Always	7	7.6%
2	Sometimes	28	30.4%
3	Never	57	62%

RECORD_TIME_22756: Record Time 22756

Data file: AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

Overview

Valid: 92 Minimum: 2024-09-23 Maximum: 2024-11-12
 Type: Discrete Width: 11 Range: - Format: character

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Technical documents

DDI:AHRI.Sesikhona.mHealth.Readiness

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Author(s)	Nompumelelo Mkwanazi
Date	2025-12-04
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