

South Africa

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AHRI:Sesikhona! (we are here) mHealth readiness

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.AHRI.Sesikhona.mHealth.Readiness.Survey

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AHRI:Sesikhona! (we are here) mHealth readiness

Overview	
Identification	AHRI.Sesikhona.mHealth.Readiness.Survey
Version	v1.0.0
Abstract	
<p>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</p>	
Kind of Data	Survey data
Unit of Analysis	Young adults aged 20-30 years old

Scope & Coverage	
Keywords	Human mobility, HIV, GPS technology, digital technology, mobile health readiness
Topics	GPS technology, smartphone-based GPS, human mobility, young adults, HIV, mobile health, digital technology, mobile health, mobile health readiness
Time Period(s)	2024-2025
Countries	South Africa
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 & Sponsors	
Primary Investigator(s)	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
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	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

Data Collection Dates	start 2024-09-01 end 2025-06-30
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Data Processing & Appraisal

Data Editing

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

Accessibility

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

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

Files Description

Dataset contains 1 file(s)

AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0	
# Cases	92
# Variable(s)	57

Variables List

Dataset contains 57 variable(s)

File AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	pid	Participant ID	continuous	numeric-12.0	92	0	-
2	status_2_..	Status of Smartphone and cellphone number changes	discrete	numeric-12.0	92	0	-
3	saq_1_22_..	When you first got your current smartphone, you are using, was it used by someone	discrete	numeric-12.0	92	0	-
4	saq_2_22_..	How long have you been using the smartphone for?	discrete	numeric-12.0	92	0	-
5	saq_3_22_..	How long have you had your current cellphone number?	discrete	numeric-12.0	92	0	-
6	saq_4_22_..	How many cellphone numbers have you had in the past 2 years?	discrete	numeric-12.0	92	0	-
7	record_t_..	Record Time 22754	discrete	character-11	92	-	-
8	status_2_..	Status of network coverage	discrete	numeric-12.0	92	0	-
9	saq_1_22_..	What type of network is available on your mobile phone right now?	discrete	numeric-12.0	92	0	-
10	saq_2_22_..	How many network bars are visible on the phone?	discrete	numeric-12.0	92	0	-
11	record_t_..	Record Time 22753	discrete	character-11	92	-	-
12	status_2_..	Status of airtime and data use	discrete	numeric-12.0	92	0	-
13	saq_1_22_..	Do you currently have any minutes or airtime to make outbound calls?	discrete	numeric-12.0	92	0	-
14	saq_2_22_..	How many days has your phone not had minutes or airtime?	discrete	numeric-12.0	58	34	-
15	saq_4_22_..	Last month how much did you spend on airtime?	discrete	numeric-12.0	92	0	-
16	saq_5_22_..	Do you currently have any data balance to search internet or use social media?	discrete	numeric-12.0	33	59	-
17	saq_6_22_..	How many days has your phone not had any data?	discrete	numeric-12.0	92	0	-
18	saq_7_22_..	Last month how much did you spend on data?	discrete	numeric-12.0	92	0	-
19	maq_1_22_..	WhatsApp	discrete	numeric-12.0	57	35	-
20	maq_2_22_..	Facebook	discrete	numeric-12.0	48	44	-
21	maq_3_22_..	Tick Tok	discrete	numeric-12.0	41	51	-
22	maq_4_22_..	YouTube	discrete	numeric-12.0	38	54	-
23	maq_5_22_..	Instagram	discrete	numeric-12.0	13	79	-
24	maq_6_22_..	X	discrete	numeric-12.0	11	81	-

File AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
25	num_3_22..	Last month how much did you spent on airtime?	continuous	numeric-12.0	92	0	-
26	num_9_22..	Last month how much did you spent on data?	continuous	numeric-12.0	92	0	-
27	record_t..	Record Time 22755	discrete	character-11	92	-	-
28	status_2..	Status of internet and app use	discrete	numeric-12.0	92	0	-
29	saq_2_22..	When last did you use any of the apps?	discrete	numeric-12.0	91	1	-
30	maq_1_22..	Chat apps (WhatsApp, Snapchat)	discrete	numeric-12.0	72	20	-
31	maq_2_22..	Social media apps (media(Facebook, Instagram, Tik Tok)	discrete	numeric-12.0	61	31	-
32	maq_3_22..	Video streaming ((YouTube,Netflix,Showmax)	discrete	numeric-12.0	34	58	-
33	maq_4_22..	Financial apps (e.g., Capitec, FNB, Zapper)	discrete	numeric-12.0	37	55	-
34	maq_5_22..	Email (Gmail, Microsoft outlook)	discrete	numeric-12.0	51	41	-
35	num_3_22..	Since yesterday, how much time did you spend on these apps?	continuous	numeric-12.0	92	0	-
36	record_t..	Record Time 22757	discrete	character-11	92	-	-
37	status_2..	Status of mHealth readiness	discrete	numeric-12.0	92	0	-
38	saq_1_22..	Have you ever used a mobile phone to get information about health (it could apps	discrete	numeric-12.0	92	0	-
39	saq_2_22..	When was the last time?	discrete	numeric-12.0	76	16	-
40	saq_5_22..	Have you ever used a mobile phone to make or receive a call or message from a hea	discrete	numeric-12.0	89	3	-
41	saq_6_22..	When was the last time that you used a mobile phone to make or receive a call or	discrete	numeric-12.0	43	49	-
42	saq_7_22..	Have you ever visited a health clinic where the doctor or nurse called another do	discrete	numeric-12.0	88	4	-
43	saq_8_22..	Have you ever used a mobile phone to monitor or track any aspects of your persona	discrete	numeric-12.0	89	3	-
44	saq_9_22..	When was the last time that you used a mobile phone to monitor or track aspects o	discrete	numeric-12.0	31	61	-
45	maq_1_22..	Check symptoms	discrete	numeric-12.0	30	62	-
46	maq_2_22..	Treatment	discrete	numeric-12.0	17	75	-
47	maq_3_22..	Side effects	discrete	numeric-12.0	17	75	-
48	maq_4_22..	Wellness e.g. weight or nutrition or gym	discrete	numeric-12.0	24	68	-
49	maq_5_22..	Other, specify	discrete	numeric-12.0	15	77	-

File AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
50	record_t..	Record Time 22758	discrete	character-11	92	-	-
51	status_2..	Status 22756	discrete	numeric-12.0	92	0	-
52	saq_1_22..	Does anyone else other than you ever use your phone?	discrete	numeric-12.0	92	0	-
53	saq_2_22..	Who else uses your phone?	discrete	numeric-12.0	35	57	-
54	saq_3_22..	When was the last time this person used your phone?	discrete	numeric-12.0	35	57	-
55	saq_4_22..	Who has the phone most of the day?	discrete	numeric-12.0	19	73	-
56	saq_5_22..	Does anyone in your family/ household check your messages/call history?	discrete	numeric-12.0	92	0	-
57	record_t..	Record Time 22756	discrete	character-11	92	-	-

Variables Description

Dataset contains 57 variable(s)

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

pid: Participant ID

Information [Type= continuous] [Format=numeric] [Range= 39636-100921] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-] [Mean=52996.641 /-] [StdDev=12982.912 /-]

status_22754: Status of Smartphone and cellphone number changes

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	The participant completed the activity and submitted it	92	100.0%
2	The participant did not want to complete the activity and explicitly canceled it	0	
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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.

saq_1_22754: When you first got your current smartphone, you are using, was it used by someone

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
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	12.0%

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.

saq_2_22754: How long have you been using the smartphone for?

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
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	13.0%
5	Over 3 years	24	26.1%

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.

saq_3_22754: How long have you had your current cellphone number?

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	0-6 months	7	7.6%
2	6-12 months	10	10.9%

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

saq_3_22754: How long have you had your current cellphone number?

Value	Label	Cases	Percentage
3	1-2 years	11	12.0%
4	2-3 years	13	14.1%
5	Over 3 years	51	55.4%

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.

saq_4_22754: How many cellphone numbers have you had in the past 2 years?

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1	35	38.0%
2	2	38	41.3%
3	3	9	9.8%
4	4 or more	10	10.9%

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.

record_time_22754: Record Time 22754

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-]

status_22753: Status of network coverage

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	The participant completed the activity and submitted it	92	100.0%
2	The participant did not want to complete the activity and explicitly canceled it	0	
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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.

saq_1_22753: What type of network is available on your mobile phone right now?

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	3G	15	16.3%
2	4G LTE	69	75.0%
3	5G	4	4.3%
4	No network	4	4.3%

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.

saq_2_22753: How many network bars are visible on the phone?

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

saq_2_22753: How many network bars are visible on the phone?

Value	Label	Cases	Percentage
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%

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.

record_time_22753: Record Time 22753

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-]

status_22755: Status of airtime and data use

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	The participant completed the activity and submitted it	92	100.0%
2	The participant did not want to complete the activity and explicitly canceled it	0	
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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.

saq_1_22755: Do you currently have any minutes or airtime to make outbound calls?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	34	37.0%
2	No	58	63.0%

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.

saq_2_22755: How many days has your phone not had minutes or airtime?

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=58 /-] [Invalid=34 /-]

Value	Label	Cases	Percentage
1	1	11	19.0%
2	2	4	6.9%
3	3	7	12.1%
4	4 or more	36	62.1%
Sysmiss		34	

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.

saq_4_22755: Last month how much did you spend on airtime?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
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File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

saq_4_22755: Last month how much did you spend on airtime?

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	59	64.1%
2	No	33	35.9%

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.

saq_5_22755: Do you currently have any data balance to search internet or use social media?

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]

Statistics [NW/ W] [Valid=33 /-] [Invalid=59 /-]

Value	Label	Cases	Percentage
1	1	4	12.1%
2	2	3	9.1%
3	3	3	9.1%
4	4 or more	23	69.7%
System		59	

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.

saq_6_22755: How many days has your phone not had any data?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

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

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.

saq_7_22755: Last month how much did you spend on data?

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

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

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.

maq_1_22755: WhatsApp

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=57 /-] [Invalid=35 /-]

Value	Label	Cases	Percentage
1	Yes	57	100.0%
2	No	0	
System		35	

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.

maq_2_22755: Facebook

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=48 /-] [Invalid=44 /-]

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

maq_2_22755: Facebook

Value	Label	Cases	Percentage
1	Yes	48	100.0%
2	No	0	
Sysmiss		44	

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.

maq_3_22755: Tick Tok

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=41 /-] [Invalid=51 /-]

Value	Label	Cases	Percentage
1	Yes	41	100.0%
2	No	0	
Sysmiss		51	

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.

maq_4_22755: YouTube

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=38 /-] [Invalid=54 /-]

Value	Label	Cases	Percentage
1	Yes	38	100.0%
2	No	0	
Sysmiss		54	

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.

maq_5_22755: Instagram

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13 /-] [Invalid=79 /-]

Value	Label	Cases	Percentage
1	Yes	13	100.0%
2	No	0	
Sysmiss		79	

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.

maq_6_22755: X

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=11 /-] [Invalid=81 /-]

Value	Label	Cases	Percentage
1	Yes	11	100.0%
2	No	0	
Sysmiss		81	

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.

num_3_22755: Last month how much did you spent on airtime?

Information	[Type= continuous] [Format=numeric] [Range= -200-300] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-] [Mean=34.957 /-] [StdDev=71.41 /-]

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

num_9_22755: Last month how much did you spent on data?

Information [Type= continuous] [Format=numeric] [Range= -200-350] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-] [Mean=55.424 /-] [StdDev=81.564 /-]

record_time_22755: Record Time 22755

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

Statistics [NW/ W] [Valid=92 /-]

status_22757: Status of internet and app use

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
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	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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.

saq_2_22757: When last did you use any of the apps?

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]

Statistics [NW/ W] [Valid=91 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
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	

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.

maq_1_22757: Chat apps (WhatsApp, Snapchat)

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=72 /-] [Invalid=20 /-]

Value	Label	Cases	Percentage
1	Yes	72	100.0%
2	No	0	
Sysmiss		20	

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.

maq_2_22757: Social media apps (media(Facebook, Instagram, Tik Tok)

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=61 /-] [Invalid=31 /-]

Value	Label	Cases	Percentage
1	Yes	61	100.0%

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

maq_2_22757: Social media apps (media(Facebook, Instagram, Tik Tok))

Value	Label	Cases	Percentage
2	No	0	
Sysmiss		31	

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.

maq_3_22757: Video streaming ((YouTube,Netflix,Showmax))

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=34 /-] [Invalid=58 /-]

Value	Label	Cases	Percentage
1	Yes	34	100.0%
2	No	0	
Sysmiss		58	

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.

maq_4_22757: Financial apps (e.g., Capitec, FNB, Zapper)

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=37 /-] [Invalid=55 /-]

Value	Label	Cases	Percentage
1	Yes	37	100.0%
2	No	0	
Sysmiss		55	

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.

maq_5_22757: Email (Gmail, Microsoft outlook)

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=51 /-] [Invalid=41 /-]

Value	Label	Cases	Percentage
1	Yes	51	100.0%
2	No	0	
Sysmiss		41	

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.

num_3_22757: Since yesterday, how much time did you spend on these apps?

Information	[Type= continuous] [Format=numeric] [Range= -20-220] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-] [Mean=16.348 /-] [StdDev=31.181 /-]

record_time_22757: Record Time 22757

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-]

status_22758: Status of mHealth readiness

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
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%

File : AHRI.Sesikhona.mHealth.Readiness.Survey.2025.v1.0

status_22758: Status of mHealth readiness

Value	Label	Cases	Percentage
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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.

saq_1_22758: Have you ever used a mobile phone to get information about health (it could apps

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	76	82.6%
2	No	16	17.4%

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.

saq_2_22758: When was the last time?

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=76 /-] [Invalid=16 /-]

Value	Label	Cases	Percentage
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	

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.

saq_5_22758: Have you ever used a mobile phone to make or receive a call or message from a hea

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=89 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Yes	43	48.3%
2	No	46	51.7%
Sysmiss		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.

saq_6_22758: When was the last time that you used a mobile phone to make or receive a call or

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=43 /-] [Invalid=49 /-]

Value	Label	Cases	Percentage
1	Less than 24 hrs	8	18.6%
2	1-7 days	10	23.3%
3	8-30 days	6	14.0%
4	More than 30 days	19	44.2%
Sysmiss		49	

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

saq_7_22758: Have you ever visited a health clinic where the doctor or nurse called another do

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=88 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	Yes	32	36.4%
2	No	56	63.6%
Sysmiss		4	

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.

saq_8_22758: Have you ever used a mobile phone to monitor or track any aspects of your persona

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=89 /-] [Invalid=3 /-]

Value	Label	Cases	Percentage
1	Yes	31	34.8%
2	No	58	65.2%
Sysmiss		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.

saq_9_22758: When was the last time that you used a mobile phone to monitor or track aspects o

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]

Statistics [NW/ W] [Valid=31 /-] [Invalid=61 /-]

Value	Label	Cases	Percentage
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	

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.

maq_1_22758: Check symptoms

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=30 /-] [Invalid=62 /-]

Value	Label	Cases	Percentage
1	Yes	30	100.0%
2	No	0	
Sysmiss		62	

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.

maq_2_22758: Treatment

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=17 /-] [Invalid=75 /-]

Value	Label	Cases	Percentage
1	Yes	17	100.0%
2	No	0	
Sysmiss		75	

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

maq_3_22758: Side effects

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=17 /-] [Invalid=75 /-]

Value	Label	Cases	Percentage
1	Yes	17	100.0%
2	No	0	
Sysmiss		75	

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.

maq_4_22758: Wellness e.g. weight or nutrition or gym

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=24 /-] [Invalid=68 /-]

Value	Label	Cases	Percentage
1	Yes	24	100.0%
2	No	0	
Sysmiss		68	

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.

maq_5_22758: Other, specify

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=15 /-] [Invalid=77 /-]

Value	Label	Cases	Percentage
1	Yes	15	100.0%
2	No	0	
Sysmiss		77	

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.

record_time_22758: Record Time 22758

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

Statistics [NW/ W] [Valid=92 /-]

# status_22756: Status 22756			
Information		[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]	
Statistics [NW/ W]		[Valid=92 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	The participant completed the activity and submitted it	92	100.0%
2	The participant did not want to complete the activity and explicitly canceled it	0	
3	The activity was not responded to in time, so Ethica automatically closed the session and uploaded it to the server	0	
4	The session was blocked by another active session from the same activity and could not be prompted	0	
5	Based on the responses the participant has provided so far, this session's criteria is invalid and will not be presented	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>			
# saq_1_22756: Does anyone else other than you ever use your phone?			
Information		[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]	
Statistics [NW/ W]		[Valid=92 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	Yes	35	38.0%
2	No	57	62.0%
<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>			
# saq_2_22756: Who else uses your phone?			
Information		[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]	
Statistics [NW/ W]		[Valid=35 /-] [Invalid=57 /-]	
Value	Label	Cases	Percentage
1	Partner/spouse	7	20.0%
2	Child	13	37.1%
3	Mother/Father	2	5.7%
4	Sibling	9	25.7%
5	Other	4	11.4%
Sysmiss		57	
<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>			
# saq_3_22756: When was the last time this person used your phone?			
Information		[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]	
Statistics [NW/ W]		[Valid=35 /-] [Invalid=57 /-]	
Value	Label	Cases	Percentage
1	Less than 24 hrs	19	54.3%
2	1-7 days	7	20.0%
3	8-30 days	2	5.7%
4	More than 30 days	7	20.0%
Sysmiss		57	
<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>			
# saq_4_22756: Who has the phone most of the day?			
Information		[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]	
Statistics [NW/ W]		[Valid=19 /-] [Invalid=73 /-]	

saq_4_22756: Who has the phone most of the day?

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

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.

saq_5_22756: Does anyone in your family/household check your messages/call history?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
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Statistics [NW/ W]	[Valid=92 /-] [Invalid=0 /-]
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Value	Label	Cases	Percentage
1	Always	7	7.6%
2	Sometimes	28	30.4%
3	Never	57	62.0%

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.

record_time_22756: Record Time 22756

Information	[Type= discrete] [Format=character] [Missing=*]
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Statistics [NW/ W]	[Valid=92 /-]
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