

## **South Africa**

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## **AHRI HDSS: Covid-19 and Mental health 2020-2023**

### **Study Documentation**

July 23, 2025

# Metadata Production

<b>Metadata Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Identification</b>	DDI.COVID-19.and.Mental.Health

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## AHRI HDSS: Covid-19 and Mental health 2020-2023

Overview	
<b>Identification</b>	COVID-19.and.Mental.Health
<b>Version</b>	v1.0.0
<p><b>Abstract</b></p> <p>The Africa Health Research Institute conducts continuous surveillance within a surveillance area in southern uMkhanyakude district in KwaZulu-Natal South Africa. This involves a mixture of telephonic and in-person interviews with household proxy respondents, and in-person interviews with all resident household members aged 15 and above.</p> <p>This dataset contains a subset of data collected between 2020 and 2023 as part of the response to Covid-19. This includes data on the impact of Covid-19 on health and economic wellbeing, and willingness and uptake of Covid-19 vaccines, as well as a four-item mental health screening tool (PHQ-4). These questions were asked in multiple ways:</p> <ul style="list-style-type: none"> <li>· To one household member acting as a proxy respondent every four months</li> <li>· To all resident members every 12 months</li> <li>· To a randomly selected subset of residents every 2 weeks in April to December 2020</li> </ul> <p>Users of the dataset are strongly encouraged to refer to the annual questionnaire documents since exact wording and skip patterns changed across the years of data collection.</p> <p>Details of the project as initially created in 2020 are available from</p> <p>Siedner MJ, Harling G, Derache A et al. Protocol: Leveraging a demographic and health surveillance system for Covid-19 Surveillance in rural KwaZulu-Natal [version 2; peer review: 2 approved]. Wellcome Open Res 2020, 5:109</p> <p><a href="https://doi.org/10.12688/wellcomeopenres.15949.2">https://doi.org/10.12688/wellcomeopenres.15949.2</a></p>	
<b>Kind of Data</b>	Survey data
<b>Unit of Analysis</b>	Individuals

Scope & Coverage	
<b>Keywords</b>	South Africa; Mental Health; COVID-19; Vaccine Hesitancy; Depression
<b>Topics</b>	South Africa; COVID-19; Mental Health; Epidemiology; Cohort Studies; Public Health Surveillance; COVID-19 Vaccines
<b>Time Period(s)</b>	2020-2023
<b>Countries</b>	South Africa
<p><b>Geographic Coverage</b></p> <p>AHRI's Population Intervention Platform Surveillance Area (PIPSA), Mtubatuba local authority, uMkhanyakude district, KwaZulu-Natal province - approximately 200km north of Durban.</p>	
<p><b>Universe</b></p> <p>All resident household members from AHRI's DSA who met eligibility criteria and gave informed consent for their surveillance participation.</p>	

Producers & Sponsors	
<b>Primary Investigator(s)</b>	Dr Abraham Jacobus Herbst, Africa Health Research Institute Prof. Willem Hanekom, Africa Health Research Institute

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<b>Other Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Funding Agency/ies</b>	Welcome Trust (WT) , Funder DSI-MRC South African Population Research Infrastructure Network (SAPRIN) , Funder
<b>Other Acknowledgment(s)</b>	Thobeka Mngomezulu , Data collection , Africa Health Research Institute Phumzile Dlamini , Data collection , Africa Health Research Institute Lindiwe Sithole , Data collection , Africa Health Research Institute Bonginkosi Ntimane , Data quality , Africa Health Research Institute Njabulo Myeni , Data quality , Africa Health Research Institute Eugene Ehlers , Software Development , Africa Health Research Institute Eugene Prenzler , Data Analytics , Africa Health Research Institute Brendan Gilbert , IT infrastructure , Africa Health Research Institute Sweetness Dube , Data documentation , Africa Health Research Institute Nomathamsanqa Majozi , Community engagement Unit , Africa Health Research Institute Siyabonga Nxumalo , Research data management , Africa Health Research Institute Dickman Gareta , Research data management , Africa Health Research Institute Kathy Baisley , Statistics , Africa Health Research Institute

## Sampling

### Sampling Procedure

All individuals meeting the eligibility criteria described in 1.2.1 were included.

## Data Collection

<b>Data Collection Dates</b>	start 2020-05-11 end 2023-05-05
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## Data Processing & Appraisal

### Data Editing

Used to indicate additional information about the methodology and processing involved in the production of the dataset.

## 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

Herbst, A. J., Hanekom, W., Seeley, J., Shahmanesh, M., Harling, G., & Siedner, M. (2025). AHRI HDSS: Covid-19 and Mental health 2020-2023 [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/COVID-19.AND.MENTAL.HEALTH>

# Files Description

Dataset contains 1 file(s)

<b>AHRI.HDSS.Covid-19 and Mental health 2020-2023</b>	
<b># Cases</b>	149280
<b># Variable(s)</b>	118

# Variables List

Dataset contains 118 variable(s)

File AHRI.HDSS.Covid-19 and Mental health 2020-2023							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">IntID</a>	Unique or Internal ID of Individual (anonymized)	continuous	numeric-12.0	149280	0	-
2	<a href="#">BSID</a>	Bounded Structure ID (anonymized)	continuous	numeric-12.0	149280	0	-
3	<a href="#">Intervie ..</a>	Interview Date	discrete	character-11	149280	-	-
4	<a href="#">Consent</a>	Consent to COVID-19 Questions	discrete	numeric-12.0	149280	0	-
5	<a href="#">member s ..</a>	Member Self Answered	discrete	numeric-12.0	149280	0	-
6	<a href="#">prior_co ..</a>	Have you previously been diagnosed with COVID-19?	discrete	numeric-12.0	30633	118647	-
7	<a href="#">prior_co ..</a>	When were you first diagnosed with COVID-19?	discrete	character-23	2355	0	-
8	<a href="#">prior_co ..</a>	Have you ever been tested for COVID-19?	discrete	numeric-12.0	119463	29817	-
9	<a href="#">prior_co ..</a>	Have you been hospitalized for COVID-19?	discrete	numeric-12.0	697	148583	-
10	<a href="#">vaccinated</a>	Have you been vaccinated against Covid-19	discrete	numeric-12.0	103840	45440	-
11	<a href="#">Vaccinat ..</a>	When did you receive your first dose?	discrete	character-23	16322	0	-
12	<a href="#">vaccinat ..</a>	Where did you receive your first dose?	discrete	numeric-12.0	5058	144222	-
13	<a href="#">Vaccine ..</a>	Which vaccine did you receive for your first dose?	discrete	numeric-26.0	16326	132954	-
14	<a href="#">Vaccinat ..</a>	Have you received a second dose?	discrete	numeric-12.0	7146	142134	-
15	<a href="#">Vaccinat ..</a>	If yes, when did you receive your second dose?	discrete	character-23	7337	0	-
16	<a href="#">vaccinat ..</a>	Where did you receive your second dose?	discrete	numeric-12.0	2109	147171	-
17	<a href="#">Vaccine ..</a>	Which vaccine did you receive for your second dose?	discrete	numeric-26.0	7323	141957	-
18	<a href="#">sx_pos_h ..</a>	Fever	discrete	numeric-17.0	100172	49108	-
19	<a href="#">sx_pos_h ..</a>	Cough	discrete	numeric-17.0	125346	23934	-
20	<a href="#">sx_pos_h ..</a>	Chills	discrete	numeric-17.0	125345	23935	-
21	<a href="#">sx_pos_h ..</a>	Sore throat	discrete	numeric-17.0	125352	23928	-
22	<a href="#">sx_pos_h ..</a>	Shortness of breath	discrete	numeric-17.0	125349	23931	-
23	<a href="#">sx_pos_h ..</a>	Nausea / Vomiting	discrete	numeric-17.0	125349	23931	-
24	<a href="#">sx_pos_h ..</a>	Diarrhea	discrete	numeric-17.0	125352	23928	-
25	<a href="#">sx_pos_h ..</a>	Myalgia / Body pains	discrete	numeric-17.0	125351	23929	-
26	<a href="#">sx_pos_h ..</a>	General weakness	discrete	numeric-17.0	125351	23929	-
27	<a href="#">sx_pos_h ..</a>	Irritability / Confusion	discrete	numeric-17.0	125351	23929	-

<b>File AHRI.HDSS.Covid-19 and Mental health 2020-2023</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
28	<a href="#">sx_pos_h..</a>	Loss of taste (ageusia)	discrete	numeric-17.0	100194	49086	-
29	<a href="#">sx_pos_h..</a>	Loss of sense of smell (anosmia)	discrete	numeric-17.0	125352	23928	-
30	<a href="#">sx_pos_h..</a>	Other	discrete	numeric-17.0	125348	23932	-
31	<a href="#">sx_pos_h..</a>	If other, specify symptom	discrete	character-56	73	0	-
32	<a href="#">sx_onset..</a>	What was the earliest date of symptoms onset for %rosteritle%?	discrete	character-23	941	0	-
33	<a href="#">case_con..</a>	Has %rosteritle% had close physical contact* with a known COVID-19 case?	discrete	numeric-12.0	125339	23941	-
34	<a href="#">case_con..</a>	Healthcare setting	discrete	numeric-12.0	150	149130	-
35	<a href="#">case_con..</a>	Household setting	discrete	numeric-12.0	151	149129	-
36	<a href="#">case_con..</a>	Work place	discrete	numeric-12.0	148	149132	-
37	<a href="#">case_con..</a>	Public transport setting	discrete	numeric-12.0	34	149246	-
38	<a href="#">case_con..</a>	Other	discrete	numeric-12.0	33	149247	-
39	<a href="#">case_con..</a>	If Other, specify contact	discrete	character-30	23	0	-
40	<a href="#">hew_hhm1</a>	Is %rosteritle% a healthcare worker (HCW) who has been exposed to suspects of c	discrete	numeric-12.0	112649	36631	-
41	<a href="#">hew_type..</a>	Healthcare worker role	discrete	numeric-17.0	104	149176	-
42	<a href="#">hew_oth..</a>	If other healthcare worker, describe	discrete	character-58	56	0	-
43	<a href="#">hcf_visi..</a>	Has %rosteritle% visited a healthcare facility (as a patient or visitor) in a c	discrete	numeric-12.0	125331	23949	-
44	<a href="#">visit_fa..</a>	What type of visit/facility?	discrete	numeric-15.0	354	148926	-
45	<a href="#">internat..</a>	Has %rosteritle% traveled to a part of South Africa with local COVID-19 transmi	discrete	numeric-12.0	125277	24003	-
46	<a href="#">travel_t..</a>	If yes, where did %rosteritle% travel to?	discrete	numeric-61.0	54	149226	-
47	<a href="#">travel_w..</a>	EC - Eastern Cape	discrete	numeric-12.0	42	149238	-
48	<a href="#">travel_w..</a>	FS - Free State	discrete	numeric-12.0	41	149239	-
49	<a href="#">travel_w..</a>	GT - Gauteng	discrete	numeric-12.0	42	149238	-
50	<a href="#">travel_w..</a>	NL - KwaZulu-Natal	discrete	numeric-12.0	54	149226	-
51	<a href="#">travel_w..</a>	LP - Limpopo	discrete	numeric-12.0	41	149239	-
52	<a href="#">travel_w..</a>	MP - Mpumalanga	discrete	numeric-12.0	44	149236	-
53	<a href="#">travel_w..</a>	NC - Northern Cape	discrete	numeric-12.0	41	149239	-
54	<a href="#">travel_w..</a>	NW - North West	discrete	numeric-12.0	41	149239	-
55	<a href="#">travel_w..</a>	WC - Western Cape	discrete	numeric-12.0	41	149239	-
56	<a href="#">int_trav..</a>	If %rosteritle% traveled outside South Africa in the last 14-days, please speci	discrete	character-1	0	0	-

<b>File AHRI.HDSS.Covid-19 and Mental health 2020-2023</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
57	<a href="#">tm01</a>	Over the past seven days, have %rosteritle% left your home?	discrete	numeric-12.0	113099	36181	-
58	<a href="#">tm02</a>	Over the past seven days, have %rosteritle% left your village/suburb or isigodi	discrete	numeric-12.0	20142	129138	-
59	<a href="#">tm03</a>	Over the past seven days, have %rosteritle% travelled to your local town (e.g.	discrete	numeric-12.0	7792	141488	-
60	<a href="#">tm04</a>	Over the past seven days, have %rosteritle% travelled beyond the subdistrict (e	discrete	numeric-12.0	7791	141489	-
61	<a href="#">tm05_1</a>	To get food/medication	discrete	numeric-12.0	19465	129815	-
62	<a href="#">tm05_2</a>	To go to work	discrete	numeric-12.0	19111	130169	-
63	<a href="#">tm05_3</a>	To visit friends or family	discrete	numeric-12.0	19244	130036	-
64	<a href="#">tm05_4</a>	To get exercise	discrete	numeric-12.0	19068	130212	-
65	<a href="#">tm05_5</a>	To provide care to a vulnerable person	discrete	numeric-12.0	19032	130248	-
66	<a href="#">tm05_6</a>	Other	discrete	numeric-12.0	12746	136534	-
67	<a href="#">tm06</a>	Other, specify?	discrete	character-41	5889	0	-
68	<a href="#">va12_1</a>	To protect others in my family	discrete	numeric-12.0	28849	120431	-
69	<a href="#">va12_2</a>	To protect my community from COVID-19	discrete	numeric-12.0	23258	126022	-
70	<a href="#">va12_3</a>	To protect myself from getting sick with COVID-19	discrete	numeric-12.0	28058	121222	-
71	<a href="#">va12_4</a>	I have a chronic health condition	discrete	numeric-12.0	13464	135816	-
72	<a href="#">va12_5</a>	If my doctor, nurse or health worker recommends it;	discrete	numeric-12.0	12532	136748	-
73	<a href="#">va12_6</a>	It would be the best way to avoid getting seriously ill from COVID-19	discrete	numeric-12.0	14201	135079	-
74	<a href="#">va12_7</a>	It would allow me to feel safe around other people	discrete	numeric-12.0	12927	136353	-
75	<a href="#">va12_8</a>	Life wont go back to normal until most people are vaccinated	discrete	numeric-12.0	13029	136251	-
76	<a href="#">va12_9</a>	Other	discrete	numeric-12.0	12260	137020	-
77	<a href="#">va12_10</a>	None	discrete	numeric-12.0	20249	129031	-
78	<a href="#">va14_1</a>	I am allergic to vaccines	discrete	numeric-12.0	14287	134993	-
79	<a href="#">va14_2</a>	I dont like needles	discrete	numeric-12.0	14605	134675	-
80	<a href="#">va14_3</a>	I dont get vaccines in general	discrete	numeric-12.0	13663	135617	-
81	<a href="#">va14_4</a>	People in my community do not get vaccines in general	discrete	numeric-12.0	12548	136732	-
82	<a href="#">va14_5</a>	Im not concerned about getting ill from the coronavirus	discrete	numeric-12.0	12690	136590	-

<b>File AHRI.HDSS.Covid-19 and Mental health 2020-2023</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
83	<a href="#">va14_6</a>	I would be concerned about getting infected with the coronavirus from the vaccin	discrete	numeric-12.0	13158	136122	-
84	<a href="#">va14_7</a>	I am concerned about side effects from the vaccine	discrete	numeric-12.0	16002	133278	-
85	<a href="#">va14_8</a>	I dont think that the vaccine will work	discrete	numeric-12.0	14281	134999	-
86	<a href="#">va14_9</a>	The coronavirus outbreak is not as serious as some people say it is	discrete	numeric-12.0	12295	136985	-
87	<a href="#">va14_10</a>	It might be expensive	discrete	numeric-12.0	12149	137131	-
88	<a href="#">va14_11</a>	It will be too late because we will have already been infected	discrete	numeric-12.0	12148	137132	-
89	<a href="#">va14_12</a>	I expect vaccination site will require long/expensive travel	discrete	numeric-12.0	12151	137129	-
90	<a href="#">va14_13</a>	I expect vaccination site will be open inconvenient hours/ require long wait time	discrete	numeric-12.0	12129	137151	-
91	<a href="#">va14_14</a>	Other	discrete	numeric-12.0	32740	116540	-
92	<a href="#">va14_15</a>	None	discrete	numeric-12.0	13052	136228	-
93	<a href="#">PHQ2_1</a>	Over the past 14 days, how often have you been bothered by having little interes	discrete	numeric-23.0	113466	35814	-
94	<a href="#">PHQ2_2</a>	Over the past 14 days, how often have you been bothered by feeling down, depress	discrete	numeric-23.0	113452	35828	-
95	<a href="#">GAD2_1</a>	Over the past 14 days, how often have you been bothered by feeling nervous, anxi	discrete	numeric-23.0	113462	35818	-
96	<a href="#">GAD2_2</a>	Over the past 14 days, how often have you been bothered by not be able to stop o	discrete	numeric-23.0	113455	35825	-
97	<a href="#">rk11</a>	How likely is it that you will get COVID-19?	discrete	numeric-24.0	106834	42446	-
98	<a href="#">rk12</a>	Do you know anyone who has been diagnosed as having COVID-19?	discrete	numeric-12.0	106782	42498	-
99	<a href="#">rk13</a>	How concerned are you about your exposure to COVID-19	discrete	numeric-20.0	106801	42479	-
100	<a href="#">xx13</a>	The government cannot be trusted to tell the truth about Covid-19	discrete	numeric-26.0	106828	42452	-
101	<a href="#">xx15</a>	I trust the public health measures that the government is taking to combat Covid	discrete	numeric-26.0	106818	42462	-
102	<a href="#">xx16</a>	Government is not giving enough clear information about Covid-19	discrete	numeric-26.0	106818	42462	-

<b>File AHRI.HDSS.Covid-19 and Mental health 2020-2023</b>							
<b>#</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Valid</b>	<b>Invalid</b>	<b>Question</b>
103	<a href="#">xx17</a>	Information about coronavirus is being withheld from the public	discrete	numeric-26.0	106808	42472	-
104	<a href="#">st11</a>	People with coronavirus did something wrong and deserve to be punished	discrete	numeric-12.0	82130	67150	-
105	<a href="#">st12</a>	People with coronavirus are irresponsible.	discrete	numeric-12.0	82130	67150	-
106	<a href="#">st13</a>	People with coronavirus bring shame on their families	discrete	numeric-12.0	82130	67150	-
107	<a href="#">st14</a>	People with coronavirus are dirty.	discrete	numeric-12.0	82130	67150	-
108	<a href="#">st15</a>	People with coronavirus are cursed	discrete	numeric-12.0	82130	67150	-
109	<a href="#">st16</a>	-	discrete	numeric-12.0	82130	67150	-
110	<a href="#">st21</a>	A friend or family member would be angry with me.	discrete	numeric-12.0	82130	67150	-
111	<a href="#">st22</a>	A friend or family member will blame me for getting sick.	discrete	numeric-12.0	82130	67150	-
112	<a href="#">st23</a>	A friend or family member will think it was my fault that I got sick with corona	discrete	numeric-12.0	82130	67150	-
113	<a href="#">st24</a>	My employer will fire me.	discrete	numeric-12.0	82130	67150	-
114	<a href="#">st25</a>	Someone at work will discriminate against me.	discrete	numeric-12.0	82130	67150	-
115	<a href="#">st26</a>	Someone at work will blame me for getting sick.	discrete	numeric-12.0	82130	67150	-
116	<a href="#">st27</a>	It would be hard to tell other people	discrete	numeric-12.0	82130	67150	-
117	<a href="#">st28</a>	I would feel ashamed	discrete	numeric-12.0	82130	67150	-
118	<a href="#">va17</a>	If a COVID-19 vaccine was available to you right now at no cost, would you agree	discrete	numeric-20.0	29718	119562	-

# Variables Description

Dataset contains 118 variable(s)

## File : AHRI.HDSS.Covid-19 and Mental health 2020-2023

### # IntID: Unique or Internal ID of Individual (anonymized)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 17-269883] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=149280 /-] [Invalid=0 /-] [Mean=138180.554 /-] [StdDev=77248.064 /-]

### # BSID: Bounded Structure ID (anonymized)

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 19-93211] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=149280 /-] [Invalid=0 /-] [Mean=42445.555 /-] [StdDev=26078.858 /-]

### # InterviewDate: Interview Date

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=149280 /-]

### # Consent: Consent to COVID-19 Questions

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=149280 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	144849	97.0%
2	No	4431	3.0%

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.

### # member\_self\_answered: Member Self Answered

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=149280 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	83702	56.1%
2	No	65578	43.9%

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.

### # prior\_covid\_dx: Have you previously been diagnosed with COVID-19?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=30633 /-] [Invalid=118647 /-]

Value	Label	Cases	Percentage
1	Yes	2356	7.7%
2	No	28171	92.0%
3		106	0.3%
Sysmiss		118647	

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.

### # prior\_covid\_dx\_date: When were you first diagnosed with COVID-19?

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=2355 /-] [Invalid=0 /-]

### # prior\_covid\_test: Have you ever been tested for COVID-19?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=119463 /-] [Invalid=29817 /-]

Value	Label	Cases	Percentage
1	Yes	5337	4.5%

## File : AHRI.HDSS.Covid-19 and Mental health 2020-2023

### # prior\_covid\_test: Have you ever been tested for COVID-19?

Value	Label	Cases	Percentage
2	No	113837	95.3%
3		289	0.2%
Sysmiss		29817	

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.

### # prior\_covid\_hosp: Have you been hospitalized for COVID-19?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=697 /-] [Invalid=148583 /-]

Value	Label	Cases	Percentage
1	Yes	94	13.5%
2	No	603	86.5%
Sysmiss		148583	

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.

### # vaccinated: Have you been vaccinated against Covid-19

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=103840 /-] [Invalid=45440 /-]

Value	Label	Cases	Percentage
1	Yes	16348	15.7%
2	No	87492	84.3%
Sysmiss		45440	

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.

### # Vaccinated\_dose1\_when: When did you receive your first dose?

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=16322 /-] [Invalid=0 /-]

### # vaccinated\_where\_dose1: Where did you receive your first dose?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=5058 /-] [Invalid=144222 /-]

### # Vaccine\_dose1: Which vaccine did you receive for your first dose?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=16326 /-] [Invalid=132954 /-]

Value	Label	Cases	Percentage
1	Jansen/J&J	1728	10.6%
2	Pfizer/BioNTech	8703	53.3%
3	Moderna	2	0.0%
4	Astra-Zeneca/Oxford/ChadOx	5538	33.9%
5	Dont know	355	2.2%
6	Other	0	
Sysmiss		132954	

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.

### # Vaccinated\_dose2: Have you received a second dose?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
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### # Vaccinated\_dose2: Have you received a second dose?

Statistics [NW/ W] [Valid=7146 /-] [Invalid=142134 /-]

Value	Label	Cases	Percentage
1	Yes	3764	52.7%
2	No	3382	47.3%
Sysmiss		142134	

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.

### # Vaccinated\_dose2\_when: If yes, when did you receive your second dose?

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

Statistics [NW/ W] [Valid=7337 /-] [Invalid=0 /-]

### # vaccinated\_where\_dose2: Where did you receive your second dose?

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

Statistics [NW/ W] [Valid=2109 /-] [Invalid=147171 /-]

### # Vaccine\_dose2: Which vaccine did you receive for your second dose?

Information [Type= discrete] [Format=numeric] [Range= 1-96] [Missing=\*]

Statistics [NW/ W] [Valid=7323 /-] [Invalid=141957 /-]

Value	Label	Cases	Percentage
1	Jansen/J&J	24	0.3%
2	Pfizer/BioNTech	6806	92.9%
3	Moderna	6	0.1%
4	Astra-Zeneca/Oxford/ChadOx	345	4.7%
5	Dont know	117	1.6%
6	Other	0	
96		25	0.3%
Sysmiss		141957	

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.

### # sx\_pos\_hhm1\_sx\_1: Fever

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

Statistics [NW/ W] [Valid=100172 /-] [Invalid=49108 /-]

Value	Label	Cases	Percentage
1	Yes	94	0.1%
2	No	99969	99.8%
3	Dont know	97	0.1%
4	Refused to Answer	12	0.0%
Sysmiss		49108	

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.

### # sx\_pos\_hhm1\_sx\_2: Cough

Information [Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=\*]

Statistics [NW/ W] [Valid=125346 /-] [Invalid=23934 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	621	0.5%

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### # sx\_pos\_hhm1\_sx\_2: Cough

Value	Label	Cases	Percentage
2	No	124581	99.4%
3	Dont know	126	0.1%
4	Refused to Answer	17	0.0%
Sysmiss		23934	

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.

### # sx\_pos\_hhm1\_sx\_3: Chills

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125345 /-] [Invalid=23935 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	84	0.1%
2	No	125105	99.8%
3	Dont know	135	0.1%
4	Refused to Answer	20	0.0%
Sysmiss		23935	

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.

### # sx\_pos\_hhm1\_sx\_4: Sore throat

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125352 /-] [Invalid=23928 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	217	0.2%
2	No	124971	99.7%
3	Dont know	143	0.1%
4	Refused to Answer	20	0.0%
Sysmiss		23928	

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.

### # sx\_pos\_hhm1\_sx\_5: Shortness of breath

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125349 /-] [Invalid=23931 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	158	0.1%
2	No	125013	99.7%
3	Dont know	153	0.1%
4	Refused to Answer	24	0.0%
Sysmiss		23931	

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.

### # sx\_pos\_hhm1\_sx\_6: Nausea / Vomiting

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125349 /-] [Invalid=23931 /-]

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### # sx\_pos\_hhm1\_sx\_6: Nausea / Vomiting

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	95	0.1%
2	No	125047	99.8%
3	Dont know	184	0.1%
4	Refused to Answer	22	0.0%
Sysmiss		23931	

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.

### # sx\_pos\_hhm1\_sx\_7: Diarrhea

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125352 /-] [Invalid=23928 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	98	0.1%
2	No	125082	99.8%
3	Dont know	152	0.1%
4	Refused to Answer	19	0.0%
Sysmiss		23928	

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.

### # sx\_pos\_hhm1\_sx\_8: Myalgia / Body pains

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125351 /-] [Invalid=23929 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	176	0.1%
2	No	124973	99.7%
3	Dont know	179	0.1%
4	Refused to Answer	22	0.0%
Sysmiss		23929	

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.

### # sx\_pos\_hhm1\_sx\_9: General weakness

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125351 /-] [Invalid=23929 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	123	0.1%
2	No	124999	99.7%
3	Dont know	205	0.2%
4	Refused to Answer	23	0.0%
Sysmiss		23929	

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.

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### # sx\_pos\_hhm1\_sx\_10: Irritability / Confusion

**Information** [Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=125351 /-] [Invalid=23929 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	43	0.0%
2	No	125065	99.8%
3	Dont know	223	0.2%
4	Refused to Answer	19	0.0%
Sysmiss		23929	

*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.*

### # sx\_pos\_hhm1\_sx\_11: Loss of taste (ageusia)

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

**Statistics [NW/ W]** [Valid=100194 /-] [Invalid=49086 /-]

Value	Label	Cases	Percentage
1	Yes	40	0.0%
2	No	99948	99.8%
3	Dont know	181	0.2%
4	Refused to Answer	25	0.0%
Sysmiss		49086	

*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.*

### # sx\_pos\_hhm1\_sx\_12: Loss of sense of smell (anosmia)

**Information** [Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=125352 /-] [Invalid=23928 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	122	0.1%
2	No	124980	99.7%
3	Dont know	225	0.2%
4	Refused to Answer	24	0.0%
Sysmiss		23928	

*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.*

### # sx\_pos\_hhm1\_sx\_13: Other

**Information** [Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=125348 /-] [Invalid=23932 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	95	0.1%
2	No	124817	99.6%
3	Dont know	403	0.3%
4	Refused to Answer	32	0.0%
Sysmiss		23932	

*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.*

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### # sx\_pos\_hhm1\_sx\_other: If other, specify symptom

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

**Statistics [NW/ W]** [Valid=73 /-] [Invalid=0 /-]

### # sx\_onset\_hhm1: What was the earliest date of symptoms onset for %rostartitle%?

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

**Statistics [NW/ W]** [Valid=941 /-] [Invalid=0 /-]

### # case\_contact\_hhm1: Has %rostartitle% had close physical contact\* with a known COVID-19 case?

**Information** [Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=125339 /-] [Invalid=23941 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	154	0.1%
2	No	123374	98.4%
3	Dont know	1807	1.4%
4		3	0.0%
Sysmiss		23941	

*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.*

### # case\_con\_hhm1\_set\_1: Healthcare setting

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

**Statistics [NW/ W]** [Valid=150 /-] [Invalid=149130 /-]

### # case\_con\_hhm1\_set\_2: Household setting

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

**Statistics [NW/ W]** [Valid=151 /-] [Invalid=149129 /-]

### # case\_con\_hhm1\_set\_3: Work place

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

**Statistics [NW/ W]** [Valid=148 /-] [Invalid=149132 /-]

### # case\_con\_hhm1\_set\_4: Public transport setting

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

**Statistics [NW/ W]** [Valid=34 /-] [Invalid=149246 /-]

### # case\_con\_hhm1\_set\_5: Other

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

**Statistics [NW/ W]** [Valid=33 /-] [Invalid=149247 /-]

### # case\_contact\_hhm1\_desc: If Other, specify contact

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

**Statistics [NW/ W]** [Valid=23 /-] [Invalid=0 /-]

### # hew\_hhm1: Is %rostartitle% a healthcare worker (HCW) who has been exposed to suspects of c

**Information** [Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=112649 /-] [Invalid=36631 /-]

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### # hew\_hhm1: Is %rosteritle% a healthcare worker (HCW) who has been exposed to suspects of c

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	104	0.1%
2	No	112418	99.8%
3	Dont know	121	0.1%
4		5	0.0%
Sysmiss		36631	

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.

### # hew\_type\_hhm1: Healthcare worker role

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=104 /-] [Invalid=149176 /-]

Value	Label	Cases	Percentage
0		10	9.6%
1	Nurse	13	12.5%
2	Physician	1	1.0%
3	Pharmacist	7	6.7%
4	Counselor	16	15.4%
5	Laboratory Worker	1	1.0%
6	Other	14	13.5%
96		8	7.7%
99		34	32.7%
Sysmiss		149176	

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.

### # hew\_other\_hhm1: If other healthcare worker, describe

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=56 /-] [Invalid=0 /-]

### # hcf\_visit\_hhm1: Has %rosteritle% visited a healthcare facility (as a patient or visitor) in a c

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=125331 /-] [Invalid=23949 /-]

Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Yes	354	0.3%
2	No	124802	99.6%
3	Dont know	171	0.1%
4		3	0.0%
Sysmiss		23949	

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.

### # visit\_facility\_type: What type of visit/facility?

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=354 /-] [Invalid=148926 /-]

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### # visit\_facility\_type: What type of visit/facility?

Value	Label	Cases	Percentage
1	Clinic Visit	327	92.4%
2	GP	20	5.6%
3	Hospitalization	7	2.0%
Sysmiss		148926	

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.

### # international\_travel\_hhm1: Has %roster% traveled to a part of South Africa with local COVID-19 transmi

Information [Type= discrete] [Format=numeric] [Range= -99999999-4] [Missing=\*]

Statistics [NW/ W] [Valid=125277 /-] [Invalid=24003 /-]

Value	Label	Cases	Percentage
-99999999		1	0.0%
1	Yes	55	0.0%
2	No	125071	99.8%
3	Dont know	147	0.1%
4		3	0.0%
Sysmiss		24003	

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.

### # travel\_to\_where: If yes, where did %roster% travel to?

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

Statistics [NW/ W] [Valid=54 /-] [Invalid=149226 /-]

Value	Label	Cases	Percentage
1	Foreign travel	0	
2	Elsewhere in South Africa with local transmission of COVID-19	54	100.0%
3	Both	0	
Sysmiss		149226	

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.

### # travel\_where\_sa\_1: EC - Eastern Cape

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

Statistics [NW/ W] [Valid=42 /-] [Invalid=149238 /-]

### # travel\_where\_sa\_2: FS - Free State

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

Statistics [NW/ W] [Valid=41 /-] [Invalid=149239 /-]

### # travel\_where\_sa\_3: GT - Gauteng

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

Statistics [NW/ W] [Valid=42 /-] [Invalid=149238 /-]

### # travel\_where\_sa\_4: NL - KwaZulu-Natal

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

Statistics [NW/ W] [Valid=54 /-] [Invalid=149226 /-]

<b># travel_where_sa_5: LP - Limpopo</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-0] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=149239 /-]		
<b># travel_where_sa_6: MP - Mpumalanga</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=44 /-] [Invalid=149236 /-]		
<b># travel_where_sa_7: NC - Northern Cape</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-0] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=149239 /-]		
<b># travel_where_sa_8: NW - North West</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-0] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=149239 /-]		
<b># travel_where_sa_9: WC - Western Cape</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=41 /-] [Invalid=149239 /-]		
<b># int_travel_hhm1: If %rosteritle% traveled outside South Africa in the last 14-days, please speci</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=0 /-]		
<b># tm01: Over the past seven days, have %rosteritle% left your home?</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-3] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=113099 /-] [Invalid=36181 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
-999999999		1	0.0%
1	Yes	20147	17.8%
2	No	92875	82.1%
3	Dont know	76	0.1%
Systemmiss		36181	
<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>			
<b># tm02: Over the past seven days, have %rosteritle% left your village/suburb or isigodi</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=20142 /-] [Invalid=129138 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	7792	38.7%
2	No	12344	61.3%
3	Dont know	6	0.0%
Systemmiss		129138	
<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>			
<b># tm03: Over the past seven days, have %rosteritle% travelled to your local town (e.g.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=7792 /-] [Invalid=141488 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	6665	85.5%

<b># tm03: Over the past seven days, have %rosteritle% travelled to your local town (e.g.</b>			
Value	Label	Cases	Percentage
2	No	1126	14.5%
3	Dont know	1	0.0%
Sysmiss		141488	
<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>			
<b># tm04: Over the past seven days, have %rosteritle% travelled beyond the subdistrict (e</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=7791 /-] [Invalid=141489 /-]		
Value	Label	Cases	Percentage
1	Yes	2031	26.1%
2	No	5754	73.9%
3	Dont know	6	0.1%
Sysmiss		141489	
<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>			
<b># tm05_1: To get food/medication</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=19465 /-] [Invalid=129815 /-]		
<b># tm05_2: To go to work</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=19111 /-] [Invalid=130169 /-]		
<b># tm05_3: To visit friends or family</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=19244 /-] [Invalid=130036 /-]		
<b># tm05_4: To get exercise</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=19068 /-] [Invalid=130212 /-]		
<b># tm05_5: To provide care to a vulnerable person</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=19032 /-] [Invalid=130248 /-]		
<b># tm05_6: Other</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12746 /-] [Invalid=136534 /-]		
<b># tm06: Other, specify?</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=5889 /-] [Invalid=0 /-]		
<b># va12_1: To protect others in my family</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=28849 /-] [Invalid=120431 /-]		
<b># va12_2: To protect my community from COVID-19</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		

<b># va12_2: To protect my community from COVID-19</b>	
Statistics [NW/ W]	[Valid=23258 /-] [Invalid=126022 /-]
<b># va12_3: To protect myself from getting sick with COVID-19</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=28058 /-] [Invalid=121222 /-]
<b># va12_4: I have a chronic health condition</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=13464 /-] [Invalid=135816 /-]
<b># va12_5: If my doctor, nurse or health worker recommends it;</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=12532 /-] [Invalid=136748 /-]
<b># va12_6: It would be the best way to avoid getting seriously ill from COVID-19</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=14201 /-] [Invalid=135079 /-]
<b># va12_7: It would allow me to feel safe around other people</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=12927 /-] [Invalid=136353 /-]
<b># va12_8: Life wont go back to normal until most people are vaccinated</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=13029 /-] [Invalid=136251 /-]
<b># va12_9: Other</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=12260 /-] [Invalid=137020 /-]
<b># va12_10: None</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=20249 /-] [Invalid=129031 /-]
<b># va14_1: I am allergic to vaccines</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=14287 /-] [Invalid=134993 /-]
<b># va14_2: I dont like needles</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=14605 /-] [Invalid=134675 /-]
<b># va14_3: I dont get vaccines in general</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=13663 /-] [Invalid=135617 /-]
<b># va14_4: People in my community do not get vaccines in general</b>	
Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=12548 /-] [Invalid=136732 /-]

<b># va14_5: Im not concerned about getting ill from the coronavirus</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12690 /-] [Invalid=136590 /-]		
<b># va14_6: I would be concerned about getting infected with the coronavirus from the vaccin</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=13158 /-] [Invalid=136122 /-]		
<b># va14_7: I am concerned about side effects from the vaccine</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=16002 /-] [Invalid=133278 /-]		
<b># va14_8: I dont think that the vaccine will work</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=14281 /-] [Invalid=134999 /-]		
<b># va14_9: The coronavirus outbreak is not as serious as some people say it is</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12295 /-] [Invalid=136985 /-]		
<b># va14_10: It might be expensive</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12149 /-] [Invalid=137131 /-]		
<b># va14_11: It will be too late because we will have already been infected</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12148 /-] [Invalid=137132 /-]		
<b># va14_12: I expect vaccination site will require long/expensive travel</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12151 /-] [Invalid=137129 /-]		
<b># va14_13: I expect vaccination site will be open inconvenient hours/require long wait time</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12129 /-] [Invalid=137151 /-]		
<b># va14_14: Other</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=32740 /-] [Invalid=116540 /-]		
<b># va14_15: None</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=13052 /-] [Invalid=136228 /-]		
<b># PHQ2_1: Over the past 14 days, how often have you been bothered by having little interes</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=113466 /-] [Invalid=35814 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
-999999999		1	0.0%
1	Not at all	77675	68.5%
2	Several days	24957	22.0%

<b># PHQ2_1: Over the past 14 days, how often have you been bothered by having little interes</b>			
Value	Label	Cases	Percentage
3	More than half the days	4279	3.8%
4	Nearly every day	6554	5.8%
Sysmiss		35814	
<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>			
<b># PHQ2_2: Over the past 14 days, how often have you been bothered by feeling down, depress</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=113452 /-] [Invalid=35828 /-]	
Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Not at all	77041	67.9%
2	Several days	25994	22.9%
3	More than half the days	4084	3.6%
4	Nearly every day	6332	5.6%
Sysmiss		35828	
<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>			
<b># GAD2_1: Over the past 14 days, how often have you been bothered by feeling nervous, anxi</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=113462 /-] [Invalid=35818 /-]	
Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Not at all	76128	67.1%
2	Several days	26170	23.1%
3	More than half the days	4137	3.6%
4	Nearly every day	7026	6.2%
Sysmiss		35818	
<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>			
<b># GAD2_2: Over the past 14 days, how often have you been bothered by not be able to stop o</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= -999999999-4] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=113455 /-] [Invalid=35825 /-]	
Value	Label	Cases	Percentage
-999999999		1	0.0%
1	Not at all	78299	69.0%
2	Several days	24735	21.8%
3	More than half the days	3751	3.3%
4	Nearly every day	6669	5.9%
Sysmiss		35825	
<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>			
<b># rk11: How likely is it that you will get COVID-19?</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=106834 /-] [Invalid=42446 /-]	
Value	Label	Cases	Percentage
1	Certain	18719	17.5%

<b># rk11: How likely is it that you will get COVID-19?</b>			
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
2	Very likely	29323	27.4%
3	Somewhat likely	38187	35.7%
4	Not very likely	9590	9.0%
5	chance at all	4668	4.4%
6	Ive already had Covid-19	29	0.0%
7	Dont know	6318	5.9%
Sysmiss		42446	
<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>			
<b># rk12: Do you know anyone who has been diagnosed as having COVID-19?</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-98] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106782 /-] [Invalid=42498 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	10606	9.9%
2	No	95548	89.5%
3	Dont know	510	0.5%
98		118	0.1%
Sysmiss		42498	
<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>			
<b># rk13: How concerned are you about your exposure to COVID-19</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106801 /-] [Invalid=42479 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Not at All	18281	17.1%
2	Slightly concerned	29358	27.5%
3	Moderately concerned	20133	18.9%
4	Very concerned	38394	35.9%
5	Not applicable	635	0.6%
Sysmiss		42479	
<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>			
<b># xx13: The government cannot be trusted to tell the truth about Covid-19</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106828 /-] [Invalid=42452 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Strongly agree	3972	3.7%
2	Agree	21606	20.2%
3	Neither agree nor disagree	31281	29.3%
4	Disagree	37944	35.5%
5	Strongly disagree	12025	11.3%
Sysmiss		42452	
<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>			

<b># xx15: I trust the public health measures that the government is taking to combat Covid</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106818 /-] [Invalid=42462 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Strongly agree	14755	13.8%
2	Agree	41897	39.2%
3	Neither agree nor disagree	28536	26.7%
4	Disagree	18810	17.6%
5	Strongly disagree	2820	2.6%
Sysmiss		42462	
<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>			
<b># xx16: Government is not giving enough clear information about Covid-19</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106818 /-] [Invalid=42462 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Strongly agree	4055	3.8%
2	Agree	15335	14.4%
3	Neither agree nor disagree	33308	31.2%
4	Disagree	42617	39.9%
5	Strongly disagree	11503	10.8%
Sysmiss		42462	
<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>			
<b># xx17: Information about coronavirus is being withheld from the public</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=106808 /-] [Invalid=42472 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Strongly agree	3392	3.2%
2	Agree	13952	13.1%
3	Neither agree nor disagree	34534	32.3%
4	Disagree	43546	40.8%
5	Strongly disagree	11384	10.7%
Sysmiss		42472	
<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>			
<b># st11: People with coronavirus did something wrong and deserve to be punished</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st12: People with coronavirus are irresponsible.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st13: People with coronavirus bring shame on their families</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		

<b># st14: People with coronavirus are dirty.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st15: People with coronavirus are cursed</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st16</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st21: A friend or family member would be angry with me.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st22: A friend or family member will blame me for getting sick.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st23: A friend or family member will think it was my fault that I got sick with corona</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st24: My employer will fire me.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st25: Someone at work will discriminate against me.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st26: Someone at work will blame me for getting sick.</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st27: It would be hard to tell other people</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># st28: I would feel ashamed</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=82130 /-] [Invalid=67150 /-]		
<b># va17: If a COVID-19 vaccine was available to you right now at no cost, would you agree</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=29718 /-] [Invalid=119562 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Definitely would	10745	36.2%
2	Probably would	7934	26.7%
3	Probably would not	4151	14.0%

**# va17: If a COVID-19 vaccine was available to you right now at no cost, would you agree**

<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
4	Definitely would not	6888	23.2%
Sysmiss		119562	

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