

# South Africa - Vukuzazi Recruitment and Health Camp Data.2021

**Sweetness H Dube**

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# Overview

## Identification

ID NUMBER  
AHRI.Vukuzazi.2021

## Version

VERSION DESCRIPTION  
V2.0.0

## Overview

### ABSTRACT

In response to the challenge posed by the intersection of the HIV, TB and NCD epidemics, AHRI partnered with the uMkhanyakude community and local public health system in 2018 to build upon the existing wealth of demographic and health information that had been collected over the last 16 years. The project aimed at adding an ambitious program that would survey the state of the community's health using mobile clinics, screen for the most important infectious and non-communicable diseases and refer newly diagnosed cases for treatment, and obtain a broad range of population-based biological samples to support cutting-edge research on the relationship between host, pathogens and non-communicable diseases. Most importantly, this work would lay the groundwork for ongoing longitudinal projects that would span basic biological investigation, experimental medicine and implementation science to improve human health in the uMkhanyakude district and the broader community.

Vukuzazi three key new activities were:

1. Health and disease characterization. Efforts to characterize disease would focus on the most prevalent and highest priority infectious (HIV and tuberculosis) and non-communicable diseases (hypertension and diabetes). By identifying the most significant diseases and performing population-based screening, we hoped to identify the ways in which these conditions impacted our population and interacted with each other. Our strategy attempted to balance comprehensiveness with efficiency by making measurements and providing testing for key conditions while collecting samples that would allow future characterization of additional diseases as more funds and novel tests became available.
2. Biological sampling and biobanking. Collection, processing, storage and analysis of high-quality biological specimens from a population-based cohort of individuals with accurate health and disease characterization would be a key achievement of Vukuzazi that would create a foundational resource for scientific and health research.
3. Community and participant consent for genetic testing and longitudinal follow-up.

Together these would create a platform for population-based 'omics study of infectious and non-communicable diseases and laid the groundwork for longitudinal and case-control studies of specific states of disease and health. Additionally, Vukuzazi would provide an important baseline for future implementation science / public health projects and a framework for the implementation of individual and population level health interventions that would be designed in response to the initial survey. In addition, the programme would consolidate the individual-level service delivery data on primary health care clinic and hospital attendances and linkage of these data to the data obtained from the health and disease characterization at the mobile clinic.

### KIND OF DATA

1. Household recruitment data, 2. Health camp survey data, (a) Past and current medical history, (b) Tuberculosis symptoms, (c) Alcohol and tobacco use, Quality of life, Medications, 3. Biometrics; (a) Blood pressure, (b) Blood pressure, (b) Anthropomorphic data, 4. Laboratory result; (a) HIV testing, including viral load and CD4 count, (b) Hemoglobin A1c, 5. Chest X-ray result, 6. No-response wait variable

### UNITS OF ANALYSIS

Each unit of observation (row) in the dataset includes one individual in the Population Intervention Platform

## TOPICS

<b>Topic</b>	<b>Vocabulary</b>	<b>URI</b>
HIV infection; tuberculosis; non-communicable diseases; South Africa; population health; demographic and health survey; biobank	Africa Health Research Institute	<a href="http://www.ahri.org">www.ahri.org</a>

## KEYWORDS

HIV infection; tuberculosis; non-communicable diseases; South Africa; population health; demographic and health survey; biobank

## Coverage

### GEOGRAPHIC COVERAGE

uMkhanyakude district in northern KwaZulu-Natal

### UNIVERSE

All adults aged 15 and greater who are resident members of households in the AHRI DSS area

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

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### OTHER PRODUCER(S)

<b>Name</b>	<b>Affiliation</b>	<b>Role</b>
Africa Health Research Institute		

### FUNDING

<b>Name</b>	<b>Abbreviation</b>	<b>Role</b>
Wellcome Trust	WT	Core funding
SAPRIN	SAPRIN	

### OTHER ACKNOWLEDGEMENTS

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## Metadata Production

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METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Africa Health Research Institute	AHRI		

DDI DOCUMENT ID

DDI.AHRI.Vukuzazi.2021

# Sampling

## Sampling Procedure

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All individuals aged 15 years and older who are resident members of households in the DSS area were eligible to participate in the Vukuzazi Study. Consenting individuals who completed the health camp procedures during May 2018 - March 2020 are included in this dataset.

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2018-05-25	2020-03-13	N/A

## Data Processing

No content available

## Data Appraisal

No content available

## File Description

## Variable List

**AHRI.Vukuzazi.AsthmaCOPD.2021.V2**

## Content

Cases 18025

Variable(s) 8

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1080	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1081	VisitDate	Vukuzazi camp visit date	discrete	character	
V1082	HighAsthmaInformedEver	Have you ever been told by a doctor or other health worker that you have asthma or COPD?	discrete	numeric	
V1083	HighAsthmaInformed12mo	Have you been told in the past 12 months?	discrete	numeric	
V1084	HighAsthmaTx2wks	In the past two weeks, have you taken any medication for asthma/COPD prescribed by a doctor?	discrete	numeric	
V1085	BreathShortness	Do you have shortness of breath after exercise or physical activity?	discrete	numeric	
V1086	WakeUpBreathShortness	Do you wake up at night because of difficulties in breathing/shortness of breath?	discrete	numeric	
V1087	NightWheezing	Do you experience wheezing at night?	discrete	numeric	

# AHRI.Vukuzazi.ChestXray.2021.V2

## Content

Cases 17334

Variable(s) 85

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1088	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1089	ChestXrayDate	Date when chest X ray was read	discrete	character	
V1090	RadiologistLungField	Radiologist Lung Field	discrete	numeric	
V1091	PercRightLungAffect	What percentage of the RIGHT lung is involved?	contin	numeric	
V1092	PercLeftLungAffect	What percentage of the LEFT lung is involved?	contin	numeric	
V1093	CxrRadiologistConclusion	Cxr Radiologist Conclusion	discrete	numeric	
V1094	CxrRadiologistDiagnosticOther	Cxr Radiologist Diagnostic Other	discrete	character	
V1095	ActiveTbDefProb	Active TB Deï¬nite vs. Probab	discrete	numeric	
V1096	OldTbDefProb	Old TB Deï¬nite vs. Probab	discrete	numeric	
V1097	RadLeftLungNormal	Radiologist Left Lung Normal	discrete	numeric	
V1098	RadLeftLungConsolid	Radiologist Left Lung Consolidation	discrete	numeric	
V1099	RadLeftLungCavitation	Radiologist Left Lung Cavitation	discrete	numeric	
V1100	RadLeftLungNodules	Radiologist Left Lung Nodules	discrete	numeric	
V1101	RadLeftLungMass	Radiologist Left Lung Mass	discrete	numeric	
V1102	RadLeftLungReticular	Radiologist Left Lung ReticularOpacities	discrete	numeric	
V1103	RadLeftLungFibrosis	Radiologist Left Lung Fibrosis	discrete	numeric	
V1104	RadLeftLungCalcification	Radiologist Left Lung Calcification	discrete	numeric	
V1105	RadLeftLungPleuralThick	Radiologist Left Lung Pleural Thickening	discrete	numeric	
V1106	RadLeftLungPleuralEffusion	Radiologist Left Lung PleuralEffusion	discrete	numeric	
V1107	RadLeftLungNodeEnlarge	Radiologist Left Lung Node Enlargement	discrete	numeric	
V1108	RadLeftLungOther	Radiologist Left Lung Other	discrete	numeric	
V1109	RadRightLungNormal	Radiologist Right Lung Normal	discrete	numeric	
V1110	RadRightLungConsolid	Radiologist Right Lung Consolidation	discrete	numeric	
V1111	RadRightLungCavitation	Radiologist Right Lung Cavitation	discrete	numeric	
V1112	RadRightLungNodules	Radiologist Right Lung Nodules	discrete	numeric	
V1113	RadRightLungMass	Radiologist Right Lung Mass	discrete	numeric	
V1114	RadRightLungReticular	Radiologist Right Lung ReticularOpacities	discrete	numeric	
V1115	RadRightLungFibrosis	Radiologist Right Lung Fibrosis	discrete	numeric	

V1116	RadRightLungCalcification	Radiologist Right Lung Calcification	discrete	numeric
V1117	RadRightLungPleuralThick	Radiologist Right Lung Pleural Thickening	discrete	numeric
V1118	RadRightLungPleuralEffusion	Radiologist Right Lung Pleural Effusion	discrete	numeric
V1119	RadRightLungNodeEnlarge	Radiologist Right Lung Node Enlargement	discrete	numeric
V1120	RadRightLungOther	Radiologist Right Lung Other	discrete	numeric
V1121	RadActiveTB	Radiologist Diagnostic ActiveTB	discrete	numeric
V1122	RadOldTB	Radiologist Diagnostic OldTB	discrete	numeric
V1123	RadProbableTB	Radiologist Diagnostic ProbableTB	discrete	numeric
V1124	RadOtherInfection	Radiologist Diagnostic Other Infection	discrete	numeric
V1125	RadInflammatoryDisorder	Radiologist Diagnostic Inflammatory Disorder	discrete	numeric
V1126	RadNeoplasm	Radiologistr Diagnostic Neoplasm	discrete	numeric
V1127	RadTrauma	Radiologist Diagnostic Trauma	discrete	numeric
V1128	RadCongenitalAbnormality	Radiologist Diagnostic CongenitalAbnormality	discrete	numeric
V1129	RadCardiacDisorder	Radiologist Diagnostic CardiacDisorder	discrete	numeric
V1130	RadVascularDisorder	Radiologist Diagnostic VascularDisorder	discrete	numeric
V1131	RadDegenerativeDisorder	Radiologist Diagnostic Degenerative Disorder	discrete	numeric
V1132	RadTBDiagnosticOther	Radiologist TB Diagnostic Other	discrete	numeric
V1133	MoLungField	Medical Oficer lung field	discrete	numeric
V1134	CxrMoConclusion	Medical Officer CXR conclusion	discrete	numeric
V1135	CxrMoDiagnosticOther	Medical Officer CXR other diagnosiic	discrete	numeric
V1136	CxrMoReport	Medical report CXR	discrete	character
V1137	MOLeftLungNormal	Medical Officer Left Lung Normal	discrete	numeric
V1138	MOLeftLungConsolid	Medical Officer Left Lung Consolidation	discrete	numeric
V1139	MOLeftLungCavitation	Medical Officer Left Lung Cavitation	discrete	numeric
V1140	MOLeftLungNodules	Medical Officer Left Lung Nodules	discrete	numeric
V1141	MOLeftLungMass	Medical Officer Left Lung Mass	discrete	numeric
V1142	MOLeftLungReticular	Medical Officer Left Lung Reticular Opacities	discrete	numeric
V1143	MOLeftLungFibrosis	Medical Officer Left Lung Fibrosis	discrete	numeric
V1144	MOLeftLungCalcification	Medical Officer Left Lung calcification	discrete	numeric
V1145	MOLeftLungPleuralThick	Medical Officer Left Lung Pleural Thickening	discrete	numeric
V1146	MOLeftLungPleuralEffusion	Medical Officer Left Lung Pleural Effusion	discrete	numeric
V1147	MOLeftLungNodeEnlarge	Medical Officer Left Lung Node Enlargement	discrete	numeric
V1148	MOLeftLungOther	Medical Officer Left Lung Other	discrete	numeric
V1149	MORightLungNormal	Medical Officer Right Lung Normal	discrete	numeric
V1150	MORightLungConsolid	Medical Officer Right Lung Consolidation	discrete	numeric
V1151	MORightLungCavitation	Medical Officer Right Lung Cavitation	discrete	numeric
V1152	MORightLungNodules	Medical Officer Right Lung Nodules	discrete	numeric
V1153	MORightLungMass	Medical Officer Right Lung Mass	discrete	numeric
V1154	MORightLungReticular	Medical Officer Right Lung ReticularOpacities	discrete	numeric
V1155	MORightLungFibrosis	Medical Officer Right Lung Fibrosis	discrete	numeric
V1156	MORightLungCalcification	Medical Officer Right Lung Calcification	discrete	numeric

V1157	MORightLungPleuralThick	Medical Officer Right Lung Pleural Thickening	discrete	numeric
V1158	MORightLungPleuralEffusion	Medical Officer Right Lung Pleural Effusion	discrete	numeric
V1159	MORightLungNodeEnlarge	Medical Officer Right Lung Node Enlargement	discrete	numeric
V1160	MOActiveTB	Medical Officer Diagnostic ActiveTB	discrete	numeric
V1161	MORightLungOther	Medical Officer Right Lung Other	discrete	numeric
V1162	MOOldTB	Medical Officer Diagnostic OldTB	discrete	numeric
V1163	MOProbableTB	Medical Officer Diagnostic ProbableTB	discrete	numeric
V1164	MOOtherInfection	Medical Officer Diagnostic Other Infection	discrete	numeric
V1165	MOInflammatoryDisorder	Medical Officer Diagnostic Inflammatory Disorder	discrete	numeric
V1166	MONeoplasm	Medical Officer Diagnostic Neoplasm	discrete	numeric
V1167	MOTrauma	Medical Officer Diagnostic Trauma	discrete	numeric
V1168	MOCongenitalAbnormality	Medical Officer Diagnostic CongenitalAbnormality	discrete	numeric
V1169	MOCardiacDisorder	Medical Officer Diagnostic CardiacDisorder	discrete	numeric
V1170	MOVascularDisorder	Medical Officer Diagnostic VascularDisorder	discrete	numeric
V1171	MODegenerativeDisorder	Medical Officer Diagnostic Degenerative Disorder	discrete	numeric
V1172	MOTBDiagnosticOther	Medical Officer Diagnostic TB Diagnostic Other	discrete	numeric

**AHRI.Vukuzazi.HIV.2021.V2**

## Content

Cases 18025

Variable(s) 30

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1173	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1174	VisitDate	Vukuzazi camp visit date	discrete	character	
V1175	ReceivedHIVTestResult	Have you ever received a test result for HIV?	discrete	numeric	
V1176	HadPosHIVResult	Have you ever had a positive HIV test result?	discrete	numeric	
V1177	HadPosHIVResultDateType	Do you remember the exact date, or year of your first positive test result?	discrete	numeric	
V1178	HIVPosResult1stDate	When was your first positive test result?	discrete	character	
V1179	HIVPosResult1stYear	Year of First HIV Positive Result	contin	numeric	
V1180	LastHIVNegResultDateType	Type of Last HIV Negative date	discrete	numeric	
V1181	LastHIVNegResultDate	When was your last negative test result?	discrete	character	
V1182	LastHIVNegResultYear	Year Last HIV Negative Result	contin	numeric	
V1183	EverOnART	Have you ever been on ART?	discrete	numeric	
V1184	ARTInitiationDateType	Do you remember the exact date, or year when you first started ART?	discrete	numeric	
V1185	ARTInitiationDate	When did you first start ART?	discrete	character	
V1186	ARTInitiationYear	Year Of ART Initiation	contin	numeric	
V1187	CurrentlyOnART	Are you currently receiving ART?	discrete	numeric	
V1188	ARTDefault	Have you ever stopped/defaulted from ART treatment? (Defaulted explained as not t	discrete	numeric	
V1189	ARTDefaultTimes	HART default times	contin	numeric	
V1190	HIVElisa	HIV Elisa Result	discrete	numeric	
V1191	CD4LymphAb	CD4 Lymphocytes Abs	contin	numeric	
V1192	CD4LymphPercent	CD4 Lymphocytes %	contin	numeric	
V1193	CD8LymphAb	CD8 Lymphocytes Abs	contin	numeric	
V1194	CD4CD8Ratio	CD4/CD8 Ratio	contin	numeric	
V1195	CD8LymphPercent	CD8 Lymphocyte percent	contin	numeric	
V1196	VL	HIV Viral Load Result	discrete	numeric	
V1197	VLCat	Viral load category	discrete	numeric	
V1198	HIVAware	Aware of HIV Status	discrete	numeric	

V1199	HIVControl	HIV positive on ART and VL <400	discrete	numeric
V1200	HIVOnARTSupp	VL<400 among those who report being on ART	discrete	numeric
V1201	HIVInCare	HIV positive on ART	discrete	numeric
V1202	HIVCascade	HIV care cascade status	discrete	numeric

# AHRI.Vukuzazi.HomeRecruitment.2021.V2

## Content

Cases 38998

Variable(s) 73

Structure Type:  
Keys: ()

## Version

## Producer

## Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1203	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1204	HomesteadVisitDate	Date of visit at the homestead	discrete	character	
V1205	MobileClinicVisitDate	Date of visit at the Vukuzazi mobile clinic	discrete	character	
V1206	WeekBlock	WeekBlock	discrete	character	
V1207	Week	Week	contin	numeric	
V1208	ContactAttempt1	Contact Attempt 1	discrete	numeric	
V1209	StaffNameAttempt1	Staff Name Attempt 1	discrete	character	
V1210	DateTimeAttempt1	Date Time Attempt 1	discrete	character	
V1211	ContactedAttempt1	At attempt 1, was the participant contacted ?	discrete	numeric	
V1212	ProxyAvailableAttempt1	At attempt 1, was a Proxy respondent available and willing to discuss accepting	discrete	numeric	
V1213	ProxyRelationAttempt1	At attempt 1, how is the Proxy respondent related to the participant?	discrete	numeric	
V1214	ProxyRelationOtherAttempt1	At attempt 1, other relation to Proxy respondent?	discrete	character	
V1215	ProxyVerifyAttempt1	At attempt 1, fieldworker verified the participant's details with the Proxy respo	discrete	numeric	
V1216	ResidentAttempt1	At attempt 1, does the participant live here and spend most of their evenings her	discrete	numeric	
V1217	VerificationAttempt1	At attempt 1, fieldworker confirmed they had verified the participant's details a	discrete	numeric	
V1218	GuardianPresentAttempt1	Guardian Present Attempt 1	discrete	numeric	
V1219	GuardianConsentAttempt1	Guardian Consent Attempt 1	discrete	numeric	
V1220	SurveyedAttempt1	At attempt 1, was the participant willing to be surveyed?	discrete	numeric	
V1221	RefusedAttempt1	Refused Attempt 1	discrete	numeric	
V1222	RescheduleVisitAttempt1	Reschedule VisitAttempt 1	discrete	character	
V1223	CommentsAttempt1	Comments Attempt 1	discrete	character	
V1224	ContactAttempt2	Contact Attempt 2	discrete	numeric	
V1225	StaffNameAttempt2	Staff Name Attempt 2	discrete	character	
V1226	DateTimeAttempt2	Date Time Attempt 2	discrete	character	

V1227	ContactedAttempt2	At attempt 2, was the participant contacted ?	discrete	numeric
V1228	ProxyAvailableAttempt2	At attempt 2, was a Proxy respondent available and willing to discuss accepting	discrete	numeric
V1229	ProxyRelationAttempt2	At attempt 2, how is the Proxy respondent related to the participant?	discrete	numeric
V1230	ProxyRelationOtherAttempt2	At attempt 2, other relation to Proxy respondent?	discrete	character
V1231	ProxyVerifyAttempt2	At attempt 2, fieldworker verified the participant's details with the Proxy respon	discrete	numeric
V1232	ResidentAttempt2	At attempt 2, does the participant live here and spend most of their evenings here	discrete	numeric
V1233	VerificationAttempt2	At attempt 3, fieldworker confirmed they had verified the participant's details an	discrete	numeric
V1234	GuardianPresentAttempt2	Guardian Present Attempt 2	discrete	numeric
V1235	GuardianConsentAttempt2	Guardian Consent Attempt 2	discrete	numeric
V1236	SurveyedAttempt2	At attempt 2, was the participant willing to be surveyed?	discrete	numeric
V1237	RefusedAttempt2	Refused Attempt 2	discrete	numeric
V1238	RescheduleVisitAttempt2	Reschedule Visit Attempt 2	discrete	character
V1239	CommentsAttempt2	Comments Attempt 2	discrete	character
V1240	ContactAttempt3	Contact Attempt 3	discrete	numeric
V1241	StaffNameAttempt3	Staff Name Attempt 3	discrete	character
V1242	DateTimeAttempt3	Date Time Attempt 3	discrete	character
V1243	ContactedAttempt3	At attempt 3, was the participant contacted ?	discrete	numeric
V1244	ProxyAvailableAttempt3	At attempt 3, was a Proxy respondent available and willing to discuss accepting t	discrete	numeric
V1245	ProxyRelationAttempt3	At attempt 3, how is the Proxy respondent related to the participant?	discrete	character
V1246	ProxyRelationOtherAttempt3	At attempt 3, other relation to Proxy respondent?	discrete	character
V1247	ProxyVerifyAttempt3	At attempt 3, fieldworker verified the participant's details with the Proxy respon	discrete	numeric
V1248	ResidentAttempt3	At attempt 3, does the participant live here and spend most of their evenings here	discrete	numeric
V1249	VerificationAttempt3	Verification Attempt 3	discrete	numeric
V1250	GuardianPresentAttempt3	Guardian Present Attempt 3	discrete	numeric
V1251	GuardianConsentAttempt3	Guardian Consent Attempt 3	discrete	numeric
V1252	SurveyedAttempt3	At attempt 3, was the participant willing to be surveyed?	discrete	numeric
V1253	RefusedAttempt3	Refused Attempt 3	discrete	numeric
V1254	RescheduleVisitAttempt3	Reschedule Visit Attempt 3	discrete	character
V1255	CommentsAttempt3	Comments Attempt 3	discrete	character
V1256	ParentAssent	Parent/guardian consent to allow child (15-17 year old) to participate in the stu	discrete	numeric
V1257	RefusedBy	Who refuse participation?	discrete	numeric
V1258	NonContactReason	Reasons for non contact	discrete	numeric

V1259	NonContactReasonOther	Other reason for non contact	discrete	character
V1260	PrematureCompletion	Premature Completion	discrete	numeric
V1261	PrematureCompletionReasons	Premature Completion Reasons	discrete	numeric
V1262	Contacted	Contacted for the survey	discrete	numeric
V1263	Refused	Refused survey participation	discrete	numeric
V1264	ParentAssentFinal1	Final parent assent	discrete	numeric
V1265	Proxy	Proxy participant	discrete	numeric
V1266	Outcome	Home Recruitment final outcome	discrete	numeric
V1267	ParentAssentFinal2	Final parent assent 2	discrete	numeric
V1268	ReceivedInvitationCard	Received Invitation Card	discrete	numeric
V1269	FieldWorker	FieldWorker	discrete	character
V1270	ClinicAppointmentDate	Clinic Appointment Date	discrete	character
V1271	ProxyParticipant	Proxy Participant	discrete	numeric
V1272	ParentalConsent	Parental consent	discrete	numeric
V1273	LocalArea	Local Area	discrete	character
V1274	Isigodi	Isigodi	discrete	character
V1275	FunctionalCommunityArea	PIP Functional Community Area	discrete	character

**AHRI.Vukuzazi.Individuals.2021.V2**

## Content

Cases 38994

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1276	IndividualId	Vukuzazi unique individual Id	contin	numeric	
V1277	IIntId	PIP Individual identifier	contin	numeric	
V1278	Sex	Sex	discrete	numeric	
V1279	DateOfBirth	Individual's Date of Birth	discrete	character	
V1280	StudyOutcome	Individual study outcome	discrete	numeric	
V1281	HomesteadVisitDate	Date of visit at the homestead	discrete	character	
V1282	MobileClinicVisitDate	Date of visit at the Vukuzazi mobile clinic	discrete	character	
V1283	AgeAtRecruitment	Age at recruitment	contin	numeric	
V1284	AgeAtRecruitmentCat	Age category at recruitment	discrete	numeric	
V1285	AgeAtEnrolment	Age at enrolment	contin	numeric	
V1286	AgeAtEnrolmentCat	Age category at enrolment	discrete	numeric	
V1287	HHIntId	PIP unique household Id	contin	numeric	
V1288	BSIntId	PIP unique bounded structure Id	contin	numeric	

# AHRI.Vukuzazi.LabResults.2021.V2

## Content

Cases 17976

Variable(s) 53

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1289	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1290	SpecimenCollectionDate	Date of specimen collection	discrete	character	
V1291	HIVElisa	HIV Elisa Result	discrete	numeric	
V1292	CD4LymphAb	CD4 Lymphocytes Abs	contin	numeric	
V1293	CD4LymphPercent	CD4 Lymphocytes %	contin	numeric	
V1294	CD4CD8Ratio	CD4/CD8 Ratio	contin	numeric	
V1295	CD8LymphAb	CD8 Lymphocytes Abs	contin	numeric	
V1296	CD8LymphPercent	CD8 Lymphocyte percent	contin	numeric	
V1297	VL	HIV Viral Load Result	discrete	numeric	
V1298	HBA1c	HBA1c	contin	numeric	
V1299	HBA1cPercent	Hemoglobin percent	contin	numeric	
V1300	HBA1cPercentCat	Hemoglobin percent category	discrete	numeric	
V1301	Rifampicin	Rifampicin Resistance	discrete	numeric	
V1302	GeneXpert	TB GeneXpert Test Result	discrete	numeric	
V1303	LiquidCulture	Liquid Culture Result(MGIT)	discrete	numeric	
V1304	TTDCulture	Time To Detection(days)	contin	numeric	
V1305	TTHCulture	Time To Detection(hrs)	contin	numeric	
V1306	SolidCulture	Solid Culture Result(7H11)	discrete	numeric	
V1307	SolidIncub	Solid Culture Incubation	contin	numeric	
V1308	Isoniazid02	DST Isoniazid_0.2	discrete	numeric	
V1309	Isoniazid10	DST Isoniazid_1.0	discrete	numeric	
V1310	Rifampicin10	DST Rifampicin_1.0	discrete	numeric	
V1311	Ethambutol75	DST Ethambutol_7.5	discrete	numeric	
V1312	Streptomycin20	DST Streptomycin_2.0	discrete	numeric	
V1313	Oflloxacin20	DST Oflloxacin_2.0	discrete	numeric	
V1314	Kanamycin50	DST Kanamycin_5.0	discrete	numeric	
V1315	TBDiagMicro	Bacteriologically confirmed TB	discrete	numeric	
V1316	EDT1Collected	EDT 1 Collected	discrete	numeric	

V1317	EDT1	Blood specimen 1	discrete	character
V1318	EDT1NotCollected	Reasons for not collecting blood specimen 1	discrete	numeric
V1319	EDT2Collected	EDT 2 Collected	discrete	numeric
V1320	EDT2	Blood specimen 2	discrete	character
V1321	EDT2NotCollected	Reasons for not collecting blood specimen 2	discrete	numeric
V1322	EDT3Collected	Blood specimen 3 collected	discrete	numeric
V1323	EDT3	Blood specimen 3	discrete	character
V1324	EDT3NotCollected	Reasons for not collecting blood specimen 3	discrete	numeric
V1325	SST1Collected	SST 1 Collected	discrete	numeric
V1326	SST1	Blood specimen 4	discrete	character
V1327	SST1NotCollected	Reasons for not collecting blood specimen 4	discrete	numeric
V1328	SSP1Collected	Sputum specimen collected	discrete	numeric
V1329	SSP1	Sputum specimen 1	discrete	character
V1330	SpontSputumObtained	Spontaneous specimen obtained	discrete	numeric
V1331	SpontSputumNotObtained	Reasons for not obtaining spontaneous sputum	discrete	numeric
V1332	InducedSputumObtained	Induced Sputum Obtained	discrete	numeric
V1333	InducedSputumNotObtained	Reasons for not obtaining induced sputum	discrete	numeric
V1334	PAX1Collected	PAX 1 Collected	discrete	numeric
V1335	SpontTBSputumHome	Spont TB SputumHome	discrete	numeric
V1336	InducedTBSPutumHome	Induced TBS putum Home	discrete	numeric
V1337	PAX1	Paxgene specimen 1	discrete	character
V1338	PAX1NotCollected	Reasons for not collecting paxgene specimen	discrete	numeric
V1339	SSPBottleCollected	SSP Bottle Collected	discrete	numeric
V1340	SwabSample1Collected	Swab Sample 1 Collected	discrete	numeric
V1341	SwabSample2Collected	Swab specome collected	discrete	numeric

# AHRI.Vukuzazi.Measurements.2021.V2

## Content

Cases 18041

Variable(s) 44

Structure Type:  
Keys: ()

## Version

## Producer

## Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1342	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1343	VisitDate	Vukuzazi Camp Visit Date	discrete	character	
V1344	HeightDeviceID	Height Device ID	discrete	character	
V1345	HeightMeasured	Height measurement was done	discrete	numeric	
V1346	HeightCm	Height in Cm	contin	numeric	
V1347	WeightDeviceID	Weight Device ID	discrete	character	
V1348	WeightMeasured	Weight measurement was done	discrete	numeric	
V1349	WeightKg	Weight in Kg	contin	numeric	
V1350	BMI	Body Mass Index	contin	numeric	
V1351	BMICat	Body Mass Index Category	discrete	numeric	
V1352	WaistCircumferenceMeasured	Waist circumference measurement was done	discrete	numeric	
V1353	WaistDeviceID	Waist Device ID	discrete	character	
V1354	WaistCircumferenceCm	Waist Circumference in Cm	contin	numeric	
V1355	WaistCircumferenceCat	Waist circumference category	discrete	numeric	
V1356	BPDeviceID	BP Device ID	discrete	character	
V1357	BPCuffSize	BP Cuff Size	discrete	numeric	
V1358	BPMeasured	Blood pressure measurement was done	discrete	numeric	
V1359	BPFIRSTSystolic	BP First Systolic	contin	numeric	
V1360	BPFIRSTDiastolic	BP First Diastolic	contin	numeric	
V1361	BPSSECONDSystolic	BP Second Systolic	contin	numeric	
V1362	BPSSECONDDiastolic	BP Second Diastolic	contin	numeric	
V1363	BPTHIRDSystolic	BP Third Systolic	contin	numeric	
V1364	BPTHIRDDiastolic	BP Third Diastolic	contin	numeric	
V1365	BPFORTHSystolic	BP Forth Systolic	contin	numeric	
V1366	BPFORTHDiastolic	BP Forth Diastolic	discrete	numeric	
V1367	LowestBpSystolic	BP Lowest Systolic	contin	numeric	
V1368	LowestBpDiastolic	BP Lowest Diastolic	contin	numeric	
V1369	SystolicBP	Systolic BP -average of second and third readings. Only second or third is includ	contin	numeric	

V1370	DiastolicBP	Diastolic BP -average of second and third readings. Only second or third is included.	contin	numeric
V1371	HipCircumferenceMeasured	Hip Circumference	discrete	numeric
V1372	HipCircumference	Hip Circumference	contin	numeric
V1373	WaistHipRatio	Waist/hip ratio	contin	numeric
V1374	WaistHipRatioCat	Waist/hip ratio category	discrete	numeric
V1375	ArmCircumferenceMeasured	Arm circumference measurement was done	discrete	numeric
V1376	ArmCircumference	Arm Circumference	contin	numeric
V1377	MUAC	Mid-upper arm circumference	discrete	numeric
V1378	HeartRateMeasured	Heart rate measurement was done	discrete	numeric
V1379	HeartRateFirstReading	Heart Rate First Reading	contin	numeric
V1380	HeartRateSecondReading	Heart Rate Second Reading	contin	numeric
V1381	HeartRateThirdReading	Heart Rate Third Reading	contin	numeric
V1382	HeartRateForthReading	Heart Rate Forth Reading	contin	numeric
V1383	UrineSpecimenId	Urine Specimen Id	discrete	character
V1384	PregTestResult	PregTestResult	discrete	numeric
V1385	LastMenstrualDate	Last Menstrual Date	discrete	character

**AHRI.Vukuzazi.MedicalProblems.2021.V2**

## Content

Cases 18025

Variable(s) 20

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1386	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1387	VisitDate	Vukuzazi camp visit date	discrete	character	
V1388	Medication1	Any other medical problem for which you regularly see a doctor (or traditional he	discrete	character	
V1389	Medication2	Any other medical problem for which you regularly see a doctor (or traditional he	discrete	character	
V1390	Medication3	Any other medical problem for which you regularly see a doctor (or traditional he	discrete	character	
V1391	Medication1StartDate	Medical problem date	discrete	character	
V1392	Medication2StartDate	Medical problem date	discrete	character	
V1393	Medication3StartDate	Medical problem date	discrete	character	
V1394	ConcurrMed1	Concurrent medications	discrete	character	
V1395	ConcurrMed2	Concurrent medications	discrete	character	
V1396	ConcurrMed3	Concurrent medication indications	discrete	character	
V1397	ConcurrMedIndica1	Concurrent medication indications	discrete	character	
V1398	ConcurrMedIndica2	Concurrent medication indications	discrete	character	
V1399	ConcurrMedIndica3	Concurrent medication indications	discrete	character	
V1400	ConcurrMed1StartDate	Concurrent medications date	discrete	character	
V1401	ConcurrMed2StartDate	Concurrent medications date	discrete	character	
V1402	ConcurrMed3StartDate	Concurrent medications date	discrete	character	
V1403	ConcurrMed1Adher	Concurrent medications adherence	discrete	numeric	
V1404	ConcurrMed2Adher	Concurrent medications adherence	discrete	numeric	
V1405	ConcurrMed3Adher	Concurrent medications adherence	discrete	numeric	

# AHRI.Vukuzazi.NCDHistory.2021.V2

## Content

Cases 18025

Variable(s) 68

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1406	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1407	VisitDate	Vukuzazi camp visit date	discrete	character	
V1408	BPFIRSTSystolic	BP First Systolic	contin	numeric	
V1409	BPFIRSTDiastolic	BP First Diastolic	contin	numeric	
V1410	BPSecondSystolic	BP Second Systolic	contin	numeric	
V1411	BPSecondDiastolic	BP Second Diastolic	contin	numeric	
V1412	BPTHirdSystolic	BP Third Systolic	contin	numeric	
V1413	BPTHirdDiastolic	BP Third Diastolic	contin	numeric	
V1414	BPForthSystolic	BP Forth Systolic	contin	numeric	
V1415	BPForthDiastolic	BP Forth Diastolic	discrete	numeric	
V1416	MeanDiaBP	Mean diastolic BP (2nd & 3rd)	contin	numeric	
V1417	MeanSysBP	Mean systolic BP (2nd & 3rd)	contin	numeric	
V1418	BPMMeasuredEver	Have you ever had your blood pressure measured by a doctor or other health worker	discrete	numeric	
V1419	HighBPIInformedEver	Have you ever been told by a doctor or other health worker that you have raised b	discrete	numeric	
V1420	HighBPIInformed12mo	Have you been told in the past 12 months?	discrete	numeric	
V1421	HighBPConsult6mo	In the past 6 months, have you seen a doctor or other health care worker about yo	discrete	numeric	
V1422	HighBPTx2wks	In the past two weeks, have you taken any drugs (medication) for raised blood pre	discrete	numeric	
V1423	HighBPConsultHealer	Have you ever seen a traditional healer for raised blood pressure or hypertension	discrete	numeric	
V1424	HighBPHerbalCurr	Are you currently taking any herbal or traditional remedy for your raised blood p	discrete	numeric	
V1425	BPStepsGroup	WHO STEPS BP group	discrete	numeric	
V1426	BPControl	BP controlled with medication	discrete	numeric	
V1427	BPAware	Told had raised BP by health care worker in last 12 months	discrete	numeric	
V1428	BPIInCare	Seen health care worker in last 6m for raised BP	discrete	numeric	

V1429	BPRx2wk	Taken medication for raised BP in past 2 wks medication for raised BP in past 2 w	discrete	numeric
V1430	BPHerbalRx	Taking herbal medication for raised BP	discrete	numeric
V1431	HTNDiag	Hypertension diagnosis (primary defn)	discrete	numeric
V1432	HTNCascade	Hypertension care cascade status	discrete	numeric
V1433	BSugarMeasuredEver	Have you ever had your blood sugar measured by a doctor or other health worker?	discrete	numeric
V1434	HighBSugarInformedEver	Have you ever been told by a doctor or other health worker that you have raised b	discrete	numeric
V1435	HighBSugarInformed12mo	Have you been told in the past 12 months?	discrete	numeric
V1436	HighBSugarConsult6mo	In the past 6 months, have you seen a doctor or other health care worker about yo	discrete	numeric
V1437	HighBSugarTx2wks	In the past two weeks, have you taken any drugs (medication) for diabetes prescri	discrete	numeric
V1438	InsulinTxCurr	Are you currently taking insulin for diabetes prescribed by a doctor or other hea	discrete	numeric
V1439	HighBSugarConsultHealer	Have you ever seen a traditional healer for diabetes or raised blood sugar?	discrete	numeric
V1440	HighBSugarHerbalCurr	Are you currently taking any herbal or traditional remedy for your diabetes?	discrete	numeric
V1441	HBA1cPercentCat	Haemoglobin level	discrete	numeric
V1442	DMAware	Told had raised blood sugar by health care worker in last 12m	discrete	numeric
V1443	DMDiag	Diabetes diagnosis (primary definition)	discrete	numeric
V1444	DMControl	Diabetes controlled with medication	discrete	numeric
V1445	DMInCare	Seen health care worker in last 6m for raised blood suga	discrete	numeric
V1446	DMRx2wk	Taken medication (non-insulin) for raised blood sugar in past 2 wks	discrete	numeric
V1447	DMInsulin	Currently taking insulin for diabetes	discrete	numeric
V1448	CholestMeasuredEver	Have you ever had your cholesterol (fat levels in your blood) measured by a docto	discrete	numeric
V1449	HighCholestInformedEver	Have you ever been told by a doctor or other health worker that you have raised c	discrete	numeric
V1450	HighCholestInformed12mo	Have you been told in the past 12 months?	discrete	numeric
V1451	HighCholestTx2wks	In the past two weeks, have you taken any oral treatment (medication) for raised	discrete	numeric
V1452	DMCascade	Diabetes care cascade status	discrete	numeric
V1453	HighCholestConsultHealer	Have you ever seen a traditional healer for raised cholesterol?	discrete	numeric
V1454	HighCholestHerbalCurr	Are you currently taking any herbal or traditional remedy for your raised cholest	discrete	numeric
V1455	HeartAttackEver	Have you ever had a heart attack or chest pain from heart disease (angina)?	discrete	numeric
V1456	HeartAttackAspirinTxCurr	Are you currently taking aspirin regularly to prevent or treat heart disease?	discrete	numeric
V1457	HeartAttackStatinsTxCurr	Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any othe	discrete	numeric

V1458	ParentHistHeartAttack	Did your mother or father have a heart attack before the age of 60?	discrete	numeric
V1459	HadStrokeEver	Have you ever had a stroke (cerebrovascular accident or incident)?	discrete	numeric
V1460	StrokeAspirinTxCurr	Are you currently taking aspirin regularly to prevent a stroke?	discrete	numeric
V1461	StatinsStrokeTxCurr	Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any other)	discrete	numeric
V1462	ParentHistStroke	Did your mother or father have a stroke before the age of 60?	discrete	numeric
V1463	CancerTxEver	Have you been treated for cancer before?	discrete	numeric
V1464	CancerType	Which cancer?	discrete	character
V1465	BPReferralIFU	Blood Pressure referral follow up	discrete	numeric
V1466	DiabetesReferralIFU	Diabetes referral follow up	discrete	numeric
V1467	FUGlucoseResult	Follow up Glucose Result	contin	numeric
V1468	FUDiabetesDiagnosis	Follow up Diabetes Diagnosis	discrete	numeric
V1469	FUDiabetesClinicDate	Follow up Diabetes Clinic Date	discrete	numeric
V1470	FUDiastolicBp	Follow up Diastolic BP	contin	numeric
V1471	FUBpDiagnosis	UFollow up BP Diagnosis	discrete	numeric
V1472	HBA1c	HBA1c	contin	numeric
V1473	HBA1cPercent	Hemoglobin percent	contin	numeric

**AHRI.Vukuzazi.QualityOfLife.2021.V2**

Content

Cases 15372

Variable(s) 8

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1474	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1475	VisitDate	Vukuzazi camp visit date	discrete	character	
V1476	Mobility	Mobility	discrete	numeric	
V1477	SelfCare	Self care	discrete	numeric	
V1478	UsualActivity	Usual activity	discrete	numeric	
V1479	PainDiscomfort	Pain or discomfort	discrete	numeric	
V1480	AnxietyDepression	Anxiety or depression	discrete	numeric	
V1481	GoodBadHealth	Good or bad health	contin	numeric	

**AHRI.Vukuzazi.TB.2021.V2**

## Content

Cases 18033

Variable(s) 55

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1482	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1483	VisitDate	Vukuzazi camp visit date	discrete	character	
V1484	TBTxCurrent	Are you currently on TB treatment?	discrete	numeric	
V1485	ReceivedTBInjections	If yes, have you received injections as part of this TB treatment?	discrete	numeric	
V1486	TBTxEver	Have you been on TB treatment before?	discrete	numeric	
V1487	NumberTBTxEver	If yes, how many times have you been on TB treatment?	contin	numeric	
V1488	AgeTBTxEver	Age at TB treatment	contin	numeric	
V1489	LastTBDateCompletionType	Do you remember the exact date, or year when you completed your last TB treatment	discrete	numeric	
V1490	LastTBDateCompletionYear	Please select the year of completion of last TB treatment	contin	numeric	
V1491	RememberAgeTBTxEver	Do you remember how old you were when you had your FIRST diagnosis of TB?	discrete	numeric	
V1492	TBIrritationsStartDate	When did you start your current treatment for TB?	discrete	character	
V1493	TBDurationSymptoms	Duration of the symptom (weeks)	contin	numeric	
V1494	WeeksAgoTBTxEver	Ever been on TB treatment weeks ago	contin	numeric	
V1495	YearsAgoTBTxEver	Ever been on TB treatment yearsago	contin	numeric	
V1496	LastTBDateCompletion	Date of completion of last TB treatment	discrete	character	
V1497	HomesteadMemberTBEver	Has anyone in your homestead (or residential plot), during your lifetime	discrete	numeric	
V1498	HomesteadMemberTBCurr	Is anybody in your homestead (or residential plot) currently on TB treatment?	discrete	numeric	
V1499	CoughCurr	Do you currently have a cough?	discrete	numeric	
V1500	CoughDuration	If yes, how long have you had the cough	contin	numeric	
V1501	CoughSputum	If yes, do you cough up sputum?	discrete	numeric	
V1502	FeverCurr	Do you have a fever?	discrete	numeric	
V1503	FeverDuration	If yes, how long have you had a fever?	discrete	numeric	
V1504	NightSweatsCurr	Do you have drenching night sweats? (Sweating at night that soaks your clothes or	discrete	numeric	

V1505	NightSweatsDuration	How long have you had drenching night sweats?	discrete	numeric
V1506	WeightLoss6mo	Have you lost weight in the last 6 months?	discrete	numeric
V1507	WeightLossNumber	How much weight have you lost in the last 6 months?	discrete	numeric
V1508	OtherSymptoms	Do you have any other symptoms apart from those already mentioned?	discrete	numeric
V1509	TBSymptom	Any of the four TB symptoms	discrete	numeric
V1510	TotalTBSymptom	Total TB symptoms	discrete	numeric
V1511	CXRScore	Chest X-Ray score	contin	numeric
V1512	ReferredForSputum	Triage for sputum collection	discrete	numeric
V1513	SputumTried	Attempt to collect sputum	discrete	numeric
V1514	SputumCollected	Sputum collected	discrete	numeric
V1515	SpontSputumObtained	Spontaneous specimen obtained	discrete	numeric
V1516	SpontSputumNotObtained	Reason for not obtaining spontaneous specimen	discrete	numeric
V1517	InducedSputumObtained	Induced Sputum Obtained	discrete	numeric
V1518	InducedSputumNotObtained	Reason for not obtaining induced specimen	discrete	numeric
V1519	SpontTBSputumHome	Spont TB SputumHome	discrete	numeric
V1520	InducedTBSputumHome	Induced TBS putum Home	discrete	numeric
V1521	GeneXpert	TB GeneXpert Test Result	discrete	numeric
V1522	LiquidCulture	Liquid Culture Result(MGIT)	discrete	numeric
V1523	Rifampicin	Rifampicin Resistance	discrete	numeric
V1524	TTDCulture	Time To Detection(days)	contin	numeric
V1525	TTHCulture	Time To Detection(hrs)	contin	numeric
V1526	SolidIncub	Solid Culture Incubation	contin	numeric
V1527	Isoniazid02	DST Isoniazid_0.2	contin	numeric
V1528	Isoniazid10	DST Isoniazid_1.0	contin	numeric
V1529	Rifampicin10	DST Rifampicin_1.0	contin	numeric
V1530	Ethambutol75	DST Ethambutol_7.5	contin	numeric
V1531	Streptomycin20	DST Streptomycin_2.0	contin	numeric
V1532	Ofloxacin20	DST Ofloxacin_2.0	contin	numeric
V1533	Kanamycin50	DST Kanamycin_5.0	contin	numeric
V1534	TBDiagMicro	Bacteriologically confirmed TB	discrete	numeric
V1535	TBDiagMicroRx	Bacteriologically confirmed TB or on treatment	discrete	numeric
V1536	TBCascade	TB care cascade status	discrete	numeric

# AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

## Content

Cases 18024

Variable(s) 66

Structure Type:  
Keys: ()

## Version

## Producer

## Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1537	IndividualId	Vukuzazi unique Internal Id of Individual	contin	numeric	
V1538	VisitDate	Vukuzazi camp visit date	discrete	character	
V1539	CurrSmoker	Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?	discrete	numeric	
V1540	CurrSmokerDaily	Do you currently smoke tobacco products daily?	discrete	numeric	
V1541	AgeStartedSmoking	How old were you when you first started smoking?	contin	numeric	
V1542	CurSmokeDur	Years smoking daily (current smokers)	contin	numeric	
V1543	AgeStartedSmokingUnknown	Age started smoking unknown?	discrete	numeric	
V1544	HowLongStartedSmoking	Do you remember how long ago it was?	contin	numeric	
V1545	HowLongStartedSmokingSpecify	Could you specify long ago it was?	discrete	numeric	
V1546	OtherTobaccoSpecify	Do you smoke Other products?	discrete	numeric	
V1547	SecAgeStartedSmoking	How old were you when you first started smoking (Age)?	contin	numeric	
V1548	SecStartedSmokingMonths	Started smoking in months	discrete	numeric	
V1549	SecStartedSmokingWeeks	Started smoking in weeks	discrete	numeric	
V1550	ManufacturedCigarettesDaily	On average, how many of the following products do you smoke each day/week?	discrete	numeric	
V1551	ManufacturedCigarettesWeekly	On average, how many of the following products do you smoke each day/week?	contin	numeric	
V1552	HandRolledCigarettesDaily	On average, how many of the following products do you smoke each day/week?	contin	numeric	
V1553	HandRolledCigarettesWeekly	On average, how many of the following products do you smoke each day/week?	contin	numeric	
V1554	PipedTobaccoDaily	On average, how many of the following products do you smoke each day/week?	contin	numeric	
V1555	PipedTobaccoWeekly	On average, how many of the following products do you smoke each day/week?	contin	numeric	
V1556	CigarsORcherootsDaily	On average, how many Cigars, cheroots, cigarillos do you smoke each day?	discrete	numeric	
V1557	CigarsORcherootsWeekly	On average, how many of the following products do you smoke each day/week?	contin	numeric	

V1558	ShishaSessionsDaily	On average, how many of the following products do you smoke each day/week?	discrete	numeric
V1559	ShishaSessionsWeekly	On average, how many of the following products do you smoke each day/week?	contin	numeric
V1560	OtherTobaccoSpecifyDailySpec	On average, how many of the following products do you smoke each day/week?	discrete	numeric
V1561	OtherTobaccoWeeklySpec	On average, how many of the following products do you smoke each day/week?	contin	numeric
V1562	StopSmoking12mo	During any visit to a doctor or other health worker in the past 12 months, were y	discrete	numeric
V1563	EverSmoked	In the past, did you ever smoke any tobacco products?	discrete	numeric
V1564	EverSmokedDaily	In the past, did you ever smoke daily?	discrete	numeric
V1565	SmokeCat	Smoking status	discrete	numeric
V1566	SmokeAmount	Smoking amount	contin	numeric
V1567	SmokeAmountCat	Smoking amount	discrete	numeric
V1568	Smoke3Cat	Smoking group(3 categories)	discrete	numeric
V1569	QuitSmokingMonths	Quit smoking in months	discrete	numeric
V1570	QuitSmokingWeeks	Quit smoking in weeks	discrete	numeric
V1571	QuitSmokingYears	Quit smoking in years	contin	numeric
V1572	RememberQuitSmoking	Do you remember how old you were when you last quit smoking?	discrete	numeric
V1573	EverConsumedAlcohol	Have you ever consumed any alcohol such as beer, wine, spirits or [add other loca	discrete	numeric
V1574	ConsumedAlcohol12mo	Have you consumed any alcohol within the past 12 months?	discrete	numeric
V1575	StoppedAlcoholHealth	Have you stopped drinking due to health reasons, such as a negative impact on you	discrete	numeric
V1576	ConsumptionFrequency	During the past 12 months, how frequently have you had at least one standard alco	discrete	numeric
V1577	ConsumedAlcohol30d	Have you consumed any alcohol within the past 30 days?	discrete	numeric
V1578	ConsumedAlcoholOccassions	During the past 30 days, on how many occasions did you have at least one standard	contin	numeric
V1579	DrinksConsumedOccassions	During the past 30 days, when you drank alcohol, how many standard drinks on aver	contin	numeric
V1580	DrinksPerOccassion	During the past 30 days, what was the largest number of standard drinks you had o	contin	numeric
V1581	SixDrinksPerOccassion	During each of the past 7 days, how many standard drinks did you have each day?	contin	numeric
V1582	LastWeekMondayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	discrete	numeric
V1583	LastWeekTuesdayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	contin	numeric
V1584	LastWeekWednesdayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	discrete	numeric
V1585	LastWeekThursdayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	discrete	numeric

V1586	LastWeekFridayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	contin	numeric
V1587	LastWeekSaturdayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	contin	numeric
V1588	LastWeekSundayDrinks	During each of the past 7 days, how many standard drinks did you have each day?	contin	numeric
V1589	ConsumedHomeBredAlcohol	During the past 7 days, did you consume any homebrewed alcohol, any alcohol broug	discrete	numeric
V1590	NumberHomeBredSpirits	On average, how many standard drinks of the following did you consume during the	discrete	numeric
V1591	NumberHomeBredBeer	On average, how many standard drinks of the following did you consume during the	discrete	numeric
V1592	NumberAlcoholImported	On average, how many standard drinks of the following did you consume during the	discrete	numeric
V1593	NumberAlcoholForbidden	On average, how many standard drinks of the following did you consume during the	discrete	numeric
V1594	NumberAlcoholUntaxed	On average, how many standard drinks of the following did you consume during the	discrete	numeric
V1595	DrinkCat	Alcohol intake category	discrete	numeric
V1596	Drink3Cat	Alcohol intake ( 3 categories)	discrete	numeric
V1597	DrinkAmount	Total drinks in 30 days	contin	numeric
V1598	DrinkWk	Average drinks per week	contin	numeric
V1599	AUDRisk	Alcohol use disorder risk (among drinkers in past 30 days)	discrete	numeric
V1600	DrinkHeavy	Heavy episodic drinking	discrete	numeric
V1601	AgeQuitSmoking	Age at the time of quiting smoking	contin	numeric
V1602	StopSmokingAdvice12mo	During any visit to a doctor or other health worker in the past 12 months, were y	discrete	numeric



**Vukuzazi unique Internal Id of Individual (IndividualId)****File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2****Overview**

Type: Continuous	Valid cases: 18025
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18149
	Standard deviation: 11159.1

**Vukuzazi camp visit date (VisitDate)****File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2****Overview**

Type: Discrete	Valid cases: 18025
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

**Have you ever been told by a doctor or other health worker that you have asthma o (HighAsthmaInformedEver)****File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2****Overview**

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 1-3	

**Have you been told in the past 12 months?****(HighAsthmaInformed12mo)****File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2****Overview**

Type: Discrete	Valid cases: 531
Format: numeric	Invalid: 17494
Width: 12	
Decimals: 0	
Range: 1-3	

**In the past two weeks, have you taken any medication for asthma/COPD prescribed b (HighhAsthmaTx2wks)****File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2****Overview**

Type: Discrete	Valid cases: 531
Format: numeric	Invalid: 17494
Width: 12	
Decimals: 0	
Range: 1-3	

Do you have shortness of breath after exercise or physical activity?  
(BreathShortness)

File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17269  
Invalid: 756

Do you wake up at night because of difficulties in breathing/shortness of breath? (WakeUpBreathShortness)

File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17270  
Invalid: 755

Do you experience wheezing at night? (NightWheezing)

File: AHRI.Vukuzazi.AsthmaCOPD.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17270  
Invalid: 755

## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Continuous	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18152.4
	Standard deviation: 11171.1

## Date when chest X ray was read (ChestXrayDate)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete	Valid cases: 17334
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Radiologist Lung Field (RadiologistLungField)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-2	

## What percentage of the RIGHT lung is involved? (PercRightLungAffect)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Continuous	Valid cases: 1965
Format: numeric	Invalid: 15369
Width: 12	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 18.3
	Standard deviation: 16.3

## What percentage of the LEFT lung is involved? (PercLeftLungAffect)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Continuous	Valid cases: 1690
Format: numeric	Invalid: 15644
Width: 12	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 18.6
	Standard deviation: 17.6

**Cxr Radiologist Conclusion (CxrRadiologistConclusion)****File: AHRI.Vukuzazi.ChestXray.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-6

Valid cases: 17334  
 Invalid: 0

**Cxr Radiologist Diagnostic Other (CxrRadiologistDiagnosticOther)****File: AHRI.Vukuzazi.ChestXray.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 2282  
 Invalid: 0

**Active TB Deï¬nite vs. Probab (ActiveTbDefProb)****File: AHRI.Vukuzazi.ChestXray.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 396  
 Invalid: 16938

**Old TB Deï¬nite vs. Probab (OldTbDefProb)****File: AHRI.Vukuzazi.ChestXray.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 2332  
 Invalid: 15002

**Radiologist Left Lung Normal (RadLeftLungNormal)****File: AHRI.Vukuzazi.ChestXray.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung Consolidation (RadLeftLungConsolid)****File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung Cavitation (RadLeftLungCavitation)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung Nodules (RadLeftLungNodules)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung Mass (RadLeftLungMass)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung ReticularOpacities (RadLeftLungReticular)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Left Lung Fibrosis (RadLeftLungFibrosis)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Left Lung Calcification (RadLeftLungCalcification)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Left Lung Pleural Thickening (RadLeftLungPleuralThick)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Left Lung PleuralEffusion (RadLeftLungPleuralEffusion)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Left Lung Node Enlargement (RadLeftLungNodeEnlarge)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Left Lung Other (RadLeftLungOther)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Normal (RadRightLungNormal)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Consolidation (RadRightLungConsolid)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Cavitation (RadRightLungCavitation)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Nodules (RadRightLungNodules)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Mass (RadRightLungMass)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung ReticularOpacities (RadRightLungReticular)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Fibrosis (RadRightLungFibrosis)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Calcification (RadRightLungCalcification)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Pleural Thickening (RadRightLungPleuralThick)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Pleural Effusion (RadRightLungPleuralEffusion)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Node Enlargement (RadRightLungNodeEnlarge)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Right Lung Other (RadRightLungOther)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic ActiveTB (RadActiveTB)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic OldTB (RadOldTB)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic ProbableTB (RadProbableTB)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic Other Infection (RadOtherInfection)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic Inflammatory Disorder (RadInflammatoryDisorder)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologistr Diagnostic Neoplasm (RadNeoplasm)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic Trauma (RadTrauma)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Radiologist Diagnostic CongenitalAbnormality

(RadCongenitalAbnormality)

File: AHRI.Vukuzazi.ChestXray.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Diagnostic CardiacDisorder (RadCardiacDisorder)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Diagnostic VascularDisorder (RadVascularDisorder)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist Diagnostic Degenerative Disorder (RadDegenerativeDisorder)**

**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Radiologist TB Diagnostic Other (RadTBDiagnosticOther)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Oficer lung field (MoLungField)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 2123  
 Invalid: 15211

**Medical Officer CXR conclusion (CxrMoConclusion)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-6

Valid cases: 2123  
 Invalid: 15211

**Medical Officer CXR other diagnostic (CxrMoDiagnosticOther)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 17334

**Medical report CXR (CxrMoReport)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 145  
 Invalid: 0

**Medical Officer Left Lung Normal (MOLeftLungNormal)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Left Lung Consolidation (MOLeftLungConsolid)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Cavitation (MOLeftLungCavitation)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Nodules (MOLeftLungNodules)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Mass (MOLeftLungMass)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Reticular Opacities (MOLeftLungReticular)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Fibrosis (MOLeftLungFibrosis)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung calcification (MOLeftLungCalcification)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Pleural Thickening (MOLeftLungPleuralThick)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Pleural Effusion (MOLeftLungPleuralEffusion)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Node Enlargement

(MOLeftLungNodeEnlarge)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Left Lung Other (MOLeftLungOther)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Normal (MORightLungNormal)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Consolidation (MORightLungConsolid)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Cavitation (MORightLungCavitation)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Nodules (MORightLungNodules)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Mass (MORightLungMass)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung ReticularOpacities (MORightLungReticular)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Fibrosis (MORightLungFibrosis)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Calcification (MORightLungCalcification)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Pleural Thickening (MORightLungPleuralThick)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Right Lung Pleural Effusion

### (MORightLungPleuralEffusion)

### File: AHRI.Vukuzazi.ChestXray.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Right Lung Node Enlargement (MORightLungNodeEnlarge)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic ActiveTB (MOActiveTB)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Right Lung Other (MORightLungOther)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic OldTB (MOOldTB)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic ProbableTB (MOProbableTB)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic Other Infection (MOOtherInfection)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic Inflammatory Disorder (MOInflammatoryDisorder)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic Neoplasm (MONEoplasm)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

**Medical Officer Diagnostic Trauma (MOTrauma)**  
**File: AHRI.Vukuzazi.ChestXray.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17334  
 Invalid: 0

## Medical Officer Diagnostic CongenitalAbnormality (MOCongenitalAbnormality)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Medical Officer Diagnostic CardiacDisorder (MOCardiacDisorder)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Medical Officer Diagnostic VascularDisorder (MOVascularDisorder)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Medical Officer Diagnostic Degenerative Disorder (MODegenerativeDisorder)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Medical Officer Diagnostic TB Diagnostic Other (MOTBDiagnosticOther)

File: AHRI.Vukuzazi.ChestXray.2021.V2

### Overview

Type: Discrete	Valid cases: 17334
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	



## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.HIV.2021.V2

#### Overview

Type: Continuous	Valid cases: 18025
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18149
	Standard deviation: 11159.1

## Vukuzazi camp visit date (VisitDate)

### File: AHRI.Vukuzazi.HIV.2021.V2

#### Overview

Type: Discrete	Valid cases: 18025
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Have you ever received a test result for HIV? (ReceivedHIVTestResult)

### File: AHRI.Vukuzazi.HIV.2021.V2

#### Overview

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 1-3	

## Have you ever had a positive HIV test result? (HadPosHIVResult)

### File: AHRI.Vukuzazi.HIV.2021.V2

#### Overview

Type: Discrete	Valid cases: 15109
Format: numeric	Invalid: 2916
Width: 12	
Decimals: 0	
Range: 1-3	

## Do you remember the exact date, or year of your first positive test result? (HadPosHIVResultDateType)

### File: AHRI.Vukuzazi.HIV.2021.V2

#### Overview

Type: Discrete	Valid cases: 5270
Format: numeric	Invalid: 12755
Width: 12	
Decimals: 0	
Range: 1-3	

## When was your first positive test result? (HIVPosResult1stDate)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete	Valid cases: 550
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Year of First HIV Positive Result (HIVPosResult1stYear)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Continuous	Valid cases: 3969
Format: numeric	Invalid: 14056
Width: 12	Minimum: 1978
Decimals: 0	Maximum: 2019
Range: 1978-2019	Mean: 2012.4
	Standard deviation: 4.7

## Type of Last HIV Negative date (LastHIVNegResultDateType)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete	Valid cases: 9619
Format: numeric	Invalid: 8406
Width: 12	
Decimals: 0	
Range: 1-3	

## When was your last negative test result? (LastHIVNegResultDate)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete	Valid cases: 0
Format: character	
Width: 11	

## Year Last HIV Negative Result (LastHIVNegResultYear)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Continuous	Valid cases: 7163
Format: numeric	Invalid: 10862
Width: 12	Minimum: 1918
Decimals: 0	Maximum: 2020
Range: 1918-2020	Mean: 2017.9
	Standard deviation: 15.7

## Have you ever been on ART? (EverOnART)

File: AHRI.Vukuzazi.HIV.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 4967  
 Invalid: 13058

**Do you remember the exact date, or year when you first started ART? (ARTInitiationDateType)**

**File: AHRI.Vukuzazi.HIV.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 634  
 Invalid: 17391

**When did you first start ART? (ARTInitiationDate)**

**File: AHRI.Vukuzazi.HIV.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 634  
 Minimum: NaN  
 Maximum: NaN

**Year Of ART Initiation (ARTInitiationYear)**

**File: AHRI.Vukuzazi.HIV.2021.V2**

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1915-2019

Valid cases: 3701  
 Invalid: 14324  
 Minimum: 1915  
 Maximum: 2019  
 Mean: 2012.7  
 Standard deviation: 4.6

**Are you currently receiving ART? (CurrentlyOnART)**

**File: AHRI.Vukuzazi.HIV.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 5099  
 Invalid: 12926

**Have you ever stopped/defaulted from ART treatment? (Defaulted explained as not t (ARTDefault))**

**File: AHRI.Vukuzazi.HIV.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3  
 Valid cases: 5099  
 Invalid: 12926

**HART default times (ARTDefaultTimes)****File: AHRI.Vukuzazi.HIV.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-12  
 Invalid: 101  
 Valid cases: 118  
 Invalid: 17907  
 Minimum: 1  
 Maximum: 12  
 Mean: 1.6  
 Standard deviation: 1.6

**HIV Elisa Result (HIVElisa)****File: AHRI.Vukuzazi.HIV.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3  
 Invalid: 11  
 Valid cases: 17952  
 Invalid: 73

**CD4 Lymphocytes Abs (CD4LymphAb)****File: AHRI.Vukuzazi.HIV.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 3-4084  
 Invalid: 10001  
 Valid cases: 6117  
 Invalid: 11908  
 Minimum: 3  
 Maximum: 4084  
 Mean: 718.2  
 Standard deviation: 340.3

**CD4 Lymphocytes % (CD4LymphPercent)****File: AHRI.Vukuzazi.HIV.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-72  
 Invalid: 101  
 Valid cases: 6106  
 Invalid: 11919  
 Minimum: 0  
 Maximum: 72  
 Mean: 30.1  
 Standard deviation: 10.1

## CD8 Lymphocytes Abs (CD8LymphAb)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Continuous	Valid cases: 6118
Format: numeric	Invalid: 11907
Width: 10	Minimum: 140
Decimals: 0	Maximum: 5205
Range: 140-5205	Mean: 1018.5
Invalid: 10001	Standard deviation: 503.3

## CD4/CD8 Ratio (CD4CD8Ratio)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Continuous	Valid cases: 6075
Format: numeric	Invalid: 11950
Width: 10	Minimum: 0
Decimals: 0	Maximum: 4.5
Range: 0.0099999986991104-4.50999986683904	Mean: 0.8
Invalid: 11	Standard deviation: 0.5

## CD8 Lymphocyte percent (CD8LymphPercent)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Continuous	Valid cases: 6118
Format: numeric	Invalid: 11907
Width: 10	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 42.5
Invalid: 101	Standard deviation: 12.5

## HIV Viral Load Result (VL)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete	Valid cases: 6144
Format: numeric	Invalid: 11881
Width: 10	
Decimals: 0	
Range: 1-10000001	
Invalid: 100000001	

## Viral load category (VLCat)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete	Valid cases: 6144
Format: numeric	Invalid: 11881
Width: 12	
Decimals: 0	
Range: 1-2	

## Aware of HIV Status (HIVAware)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 18025  
Invalid: 0

## HIV positive on ART and VL <400 (HIVControl)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 6093  
Invalid: 11932

## VL<400 among those who report being on ART (HIVOnARTSupp)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 5012  
Invalid: 13013

## HIV positive on ART (HIVInCare)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 6096  
Invalid: 11929

## HIV care cascade status (HIVCascade)

File: AHRI.Vukuzazi.HIV.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-4

Valid cases: 17946  
Invalid: 79

## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Continuous	Valid cases: 38998
Format: numeric	Invalid: 0
Width: 12	Minimum: 1
Decimals: 0	Maximum: 39017
Range: 1-39017	Mean: 19499.7
	Standard deviation: 11259.2

## Date of visit at the homestead (HomesteadVisitDate)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 29731
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Date of visit at the Vukuzazi mobile clinic (MobileClinicVisitDate)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 18299
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## WeekBlock (WeekBlock)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 38998
Format: character	Invalid: 0
Width: 5	

## Week (Week)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Continuous	Valid cases: 38997
Format: numeric	Invalid: 1
Width: 12	Minimum: 1
Decimals: 0	Maximum: 45
Range: 1-45	Mean: 23.4
	Standard deviation: 12.9

## Contact Attempt 1 (ContactAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37432  
 Invalid: 1566

## Staff Name Attempt 1 (StaffNameAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 37413  
 Invalid: 0

## Date Time Attempt 1 (DateTimeAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 37416  
 Minimum: NaN  
 Maximum: NaN

## At attempt 1, was the participant contacted ? (ContactedAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37424  
 Invalid: 1574

## At attempt 1, was a Proxy respondent available and willing to discuss accepting (ProxyAvailableAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 22949  
 Invalid: 16049

## At attempt 1, how is the Proxy respondent related to the participant? (ProxyRelationAttempt1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-8

Valid cases: 12846  
 Invalid: 26152

At attempt 1, other relation to Proxy respondent?

(ProxyRelationOtherAttempt1)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 2216  
 Invalid: 0

At attempt 1, fieldworker verified the participant's details with the Proxy respo (ProxyVerifyAttempt1)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 12853  
 Invalid: 26145

At attempt 1, does the participant live here and spend most of their evenings her (ResidentAttempt1)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 12821  
 Invalid: 26177

At attempt 1, fieldworker confirmed they had verified the participant's details a (VerificationAttempt1)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 13306  
 Invalid: 25692

**Guardian Present Attempt 1 (GuardianPresentAttempt1)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 4151  
 Invalid: 34847

**Guardian Consent Attempt 1 (GuardianConsentAttempt1)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 3260  
 Invalid: 35738

**At attempt 1, was the participant willing to be surveyed?****(SurveyedAttempt1)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 15661  
 Invalid: 23337

**Refused Attempt 1 (RefusedAttempt1)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 748  
 Invalid: 38250

**Reschedule VisitAttempt 1 (RescheduleVisitAttempt1)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 8821  
 Minimum: NaN  
 Maximum: NaN

## Comments Attempt 1 (CommentsAttempt1)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete	Valid cases: 37311
Format: character	Invalid: 0
Width: 50	

## Contact Attempt 2 (ContactAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete	Valid cases: 11538
Format: numeric	Invalid: 27460
Width: 12	
Decimals: 0	
Range: 1-3	

## Staff Name Attempt 2 (StaffNameAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete	Valid cases: 3686
Format: character	Invalid: 0
Width: 3	

## Date Time Attempt 2 (DateTimeAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete	Valid cases: 3681
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## At attempt 2, was the participant contacted ? (ContactedAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete	Valid cases: 3683
Format: numeric	Invalid: 35315
Width: 12	
Decimals: 0	
Range: 1-3	

## At attempt 2, was a Proxy respondent available and willing to discuss accepting (ProxyAvailableAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 2093  
 Invalid: 36905

At attempt 2, how is the Proxy respondent related to the participant?  
 (ProxyRelationAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-8

Valid cases: 713  
 Invalid: 38285

At attempt 2, other relation to Proxy respondent?  
 (ProxyRelationOtherAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 232  
 Invalid: 0

At attempt 2, fieldworker verified the participant's details with the  
 Proxy respon (ProxyVerifyAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 710  
 Invalid: 38288

At attempt 2, does the participant live here and spend most of their  
 evenings here (ResidentAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 707  
 Invalid: 38291

At attempt 3, fieldworker confirmed they had verified the participant's details an (VerificationAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 1076
Format: numeric	Invalid: 37922
Width: 12	
Decimals: 0	
Range: 1-3	

Guardian Present Attempt 2 (GuardianPresentAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 527
Format: numeric	Invalid: 38471
Width: 12	
Decimals: 0	
Range: 1-3	

Guardian Consent Attempt 2 (GuardianConsentAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 275
Format: numeric	Invalid: 38723
Width: 12	
Decimals: 0	
Range: 1-3	

At attempt 2, was the participant willing to be surveyed?

(SurveyedAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 1181
Format: numeric	Invalid: 37817
Width: 12	
Decimals: 0	
Range: 1-3	

Refused Attempt 2 (RefusedAttempt2)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete	Valid cases: 106
Format: numeric	Invalid: 38892
Width: 12	
Decimals: 0	
Range: 1-3	

**Reschedule Visit Attempt 2 (RescheduleVisitAttempt2)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 1692  
 Minimum: NaN  
 Maximum: NaN

**Comments Attempt 2 (CommentsAttempt2)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 50

Valid cases: 3675  
 Invalid: 0

**Contact Attempt 3 (ContactAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 1911  
 Invalid: 37087

**Staff Name Attempt 3 (StaffNameAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 752  
 Invalid: 0

**Date Time Attempt 3 (DateTimeAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 752  
 Minimum: NaN  
 Maximum: NaN

**At attempt 3, was the participant contacted ? (ContactedAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 750  
 Invalid: 38248

At attempt 3, was a Proxy respondent available and willing to discuss accepting t (ProxyAvailableAttempt3)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 275  
 Invalid: 38723

At attempt 3, how is the Proxy respondent related to the participant? (ProxyRelationAttempt3)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 29  
 Invalid: 0

At attempt 3, other relation to Proxy respondent? (ProxyRelationOtherAttempt3)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 9  
 Invalid: 0

At attempt 3, fieldworker verified the participant's details with the Proxy respon (ProxyVerifyAttempt3)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 29  
 Invalid: 38969

At attempt 3, does the participant live here and spend most of their evenings here (ResidentAttempt3)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 29  
 Invalid: 38969

**Verification Attempt 3 (VerificationAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-1

Valid cases: 119  
 Invalid: 38879

**Guardian Present Attempt 3 (GuardianPresentAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 90  
 Invalid: 38908

**Guardian Consent Attempt 3 (GuardianConsentAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 26  
 Invalid: 38972

**At attempt 3, was the participant willing to be surveyed?****(SurveyedAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 123  
 Invalid: 38875

**Refused Attempt 3 (RefusedAttempt3)****File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 8  
 Invalid: 38990

**Reschedule Visit Attempt 3 (RescheduleVisitAttempt3)**  
**File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 585  
 Minimum: NaN  
 Maximum: NaN

**Comments Attempt 3 (CommentsAttempt3)**  
**File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 50

Valid cases: 747  
 Invalid: 0

**Parent/guardian consent to allow child (15-17 year old) to participate in the stu (ParentAssent)**  
**File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 3120  
 Invalid: 35878

**Who refuse participation? (RefusedBy)**  
**File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-96

Valid cases: 791  
 Invalid: 38207

**Reasons for non contact (NonContactReason)**  
**File: AHRI.Vukuzazi.HomeRecruitment.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 4-96  
 Invalid: 101

Valid cases: 6924  
 Invalid: 32074

## Other reason for non contact (NonContactReasonOther)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 3301  
 Invalid: 0

## Premature Completion (PrematureCompletion)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 24111  
 Invalid: 14887

## Premature Completion Reasons (PrematureCompletionReasons)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-96

Valid cases: 2896  
 Invalid: 36102

## Contacted for the survey (Contacted)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37440  
 Invalid: 1558

## Refused survey participation (Refused)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37440  
 Invalid: 1558

## Final parent assent (ParentAssentFinal1)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37190  
 Invalid: 1808

## Proxy participant (Proxy)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37184  
 Invalid: 1814

## Home Recruitment final outcome (Outcome)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-10

Valid cases: 38998  
 Invalid: 0

## Final parent assent 2 (ParentAssentFinal2)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 37190  
 Invalid: 1808

## Received Invitation Card (ReceivedInvitationCard)

### File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 26864  
 Invalid: 12134

## FieldWorker (FieldWorker)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 37346  
 Invalid: 0

## Clinic Appointment Date (ClinicAppointmentDate)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 26833  
 Minimum: NaN  
 Maximum: NaN

## Proxy Participant (ProxyParticipant)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 26869  
 Invalid: 12129

## Parental consent (ParentalConsent)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 3110  
 Invalid: 35888

## Local Area (LocalArea)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 38998  
 Invalid: 0

## Isigodi (Isigodi)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
Format: character  
Width: 20

Valid cases: 38998  
Invalid: 0

## PIP Functional Community Area (FunctionalCommunityArea)

File: AHRI.Vukuzazi.HomeRecruitment.2021.V2

### Overview

Type: Discrete  
Format: character  
Width: 3

Valid cases: 38998  
Invalid: 0

**Vukuzazi unique individual Id (IndividualId)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous	Valid cases: 38994
Format: numeric	Invalid: 0
Width: 12	Minimum: 1
Decimals: 0	Maximum: 39017
Range: 1-39017	Mean: 19498.8
	Standard deviation: 11259

**PIP Individual identifier (IIntId)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous	Valid cases: 38994
Format: numeric	Invalid: 0
Width: 12	Minimum: 17
Decimals: 0	Maximum: 247677
Range: 17-247677	Mean: 83000.6
	Standard deviation: 56694

**Sex (Sex)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete	Valid cases: 38994
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-9	

**Individual's Date of Birth (DateOfBirth)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete	Valid cases: 38994
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

**Individual study outcome (StudyOutcome)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete	Valid cases: 38994
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-10	

**Date of visit at the homestead (HomesteadVisitDate)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 29729  
 Minimum: NaN  
 Maximum: NaN

**Date of visit at the Vukuzazi mobile clinic (MobileClinicVisitDate)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 18299  
 Minimum: NaN  
 Maximum: NaN

**Age at recruitment (AgeAtRecruitment)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 14-123

Valid cases: 29729  
 Invalid: 9265  
 Minimum: 14  
 Maximum: 123  
 Mean: 37.6  
 Standard deviation: 18.7

**Age category at recruitment (AgeAtRecruitmentCat)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-12

Valid cases: 29729  
 Invalid: 9265

**Age at enrolment (AgeAtEnrolment)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 15-109

Valid cases: 18299  
 Invalid: 20695  
 Minimum: 15  
 Maximum: 109  
 Mean: 40.5  
 Standard deviation: 19.5

**Age category at enrolment (AgeAtEnrolmentCat)****File: AHRI.Vukuzazi.Individuals.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-12

Valid cases: 18299  
 Invalid: 20695

**PIP unique household Id (HHIntId)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 11-43353

Valid cases: 38971  
 Invalid: 23  
 Minimum: 11  
 Maximum: 43353  
 Mean: 13824.7  
 Standard deviation: 11451.8

**PIP unique bounded structure Id (BSIntId)****File: AHRI.Vukuzazi.Individuals.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 11-92378

Valid cases: 38994  
 Invalid: 0  
 Minimum: 11  
 Maximum: 92378  
 Mean: 10924.5  
 Standard deviation: 14378.4

## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Continuous	Valid cases: 17976
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18172.9
	Standard deviation: 11151.7

## Date of specimen collection (SpecimenCollectionDate)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 17976
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## HIV Elisa Result (HIVElisa)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 17953
Format: numeric	Invalid: 23
Width: 10	
Decimals: 0	
Range: 1-3	
Invalid: 11	

## CD4 Lymphocytes Abs (CD4LymphAb)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Continuous	Valid cases: 6117
Format: numeric	Invalid: 11859
Width: 10	Minimum: 3
Decimals: 0	Maximum: 4084
Range: 3-4084	Mean: 718.2
Invalid: 10001	Standard deviation: 340.3

## CD4 Lymphocytes % (CD4LymphPercent)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Continuous	Valid cases: 6106
Format: numeric	Invalid: 11870
Width: 10	Minimum: 0
Decimals: 0	Maximum: 72
Range: 0-72	Mean: 30.1
Invalid: 101	Standard deviation: 10.1

## CD4/CD8 Ratio (CD4CD8Ratio)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Continuous	Valid cases: 6075
Format: numeric	Invalid: 11901
Width: 10	Minimum: 0
Decimals: 0	Maximum: 4.5
Range: 0.0099999986991104-4.50999986683904	Mean: 0.8
Invalid: 11	Standard deviation: 0.5

## CD8 Lymphocytes Abs (CD8LymphAb)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Continuous	Valid cases: 6118
Format: numeric	Invalid: 11858
Width: 10	Minimum: 140
Decimals: 0	Maximum: 5205
Range: 140-5205	Mean: 1018.5
Invalid: 10001	Standard deviation: 503.3

## CD8 Lymphocyte percent (CD8LymphPercent)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Continuous	Valid cases: 6118
Format: numeric	Invalid: 11858
Width: 10	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 42.5
Invalid: 101	Standard deviation: 12.5

## HIV Viral Load Result (VL)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete	Valid cases: 6144
Format: numeric	Invalid: 11832
Width: 10	
Decimals: 0	
Range: 1-100000001	
Invalid: 100000001	

## HBA1c (HBA1c)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Continuous	Valid cases: 17952
Format: numeric	Invalid: 24
Width: 10	Minimum: 17
Decimals: 0	Maximum: 183
Range: 17-183	Mean: 40.4
Invalid: 1001	Standard deviation: 12.5

## Hemoglobin percent (HBA1cPercent)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Continuous	Valid cases: 17952
Format: numeric	Invalid: 24
Width: 10	Minimum: 3.7
Decimals: 0	Maximum: 18.9
Range: 3.69999990489088-18.9000002306048	Mean: 5.8
Invalid: 101	Standard deviation: 1.1

## Hemoglobin percent category (HBA1cPercentCat)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 17976
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 0-9	

## Rifampicin Resistance (Rifampicin)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 9330
Format: numeric	Invalid: 8646
Width: 10	
Decimals: 0	
Range: 0-7	
Invalid: 11	

## TB GeneXpert Test Result (GeneXpert)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 9330
Format: numeric	Invalid: 8646
Width: 10	
Decimals: 0	
Range: 1-7	
Invalid: 11	

## Liquid Culture Result(MGIT) (LiquidCulture)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 9265
Format: numeric	Invalid: 8711
Width: 10	
Decimals: 0	
Range: 1-7	
Invalid: 11	

**Time To Detection(days) (TTDCulture)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Continuous	Valid cases: 9265
Format: numeric	Invalid: 8711
Width: 10	Minimum: 0
Decimals: 0	Maximum: 42
Range: 0-42	Mean: 39.4
Invalid: 101	Standard deviation: 8.5

**Time To Detection(hrs) (TTHCulture)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Continuous	Valid cases: 9264
Format: numeric	Invalid: 8712
Width: 10	Minimum: 0
Decimals: 0	Maximum: 23
Range: 0-23	Mean: 1.1
Invalid: 101	Standard deviation: 4

**Solid Culture Result(7H11) (SolidCulture)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete	Valid cases: 511
Format: numeric	Invalid: 17465
Width: 10	
Decimals: 0	
Range: 1-7	
Invalid: 11	

**Solid Culture Incubation (SolidIncub)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 17976
Width: 10	
Decimals: 0	
Invalid: 1000000001	

**DST Isoniazid\_0.2 (Isoniazid02)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete	Valid cases: 105
Format: numeric	Invalid: 17871
Width: 10	
Decimals: 0	
Range: 1-5	
Invalid: 11	

**DST Isoniazid\_1.0 (Isoniazid10)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5  
 Invalid: 11

Valid cases: 105  
 Invalid: 17871

**DST Rifampicin\_1.0 (Rifampicin10)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5  
 Invalid: 11

Valid cases: 105  
 Invalid: 17871

**DST Ethambutol\_7.5 (Ethambutol75)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5  
 Invalid: 11

Valid cases: 105  
 Invalid: 17871

**DST Streptomycin\_2.0 (Streptomycin20)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5  
 Invalid: 11

Valid cases: 105  
 Invalid: 17871

**DST Ofloxacin\_2.0 (Ofloxacin20)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5  
 Invalid: 11

Valid cases: 105  
 Invalid: 17871

## DST Kanamycin\_5.0 (Kanamycin50)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 105
Format: numeric	Invalid: 17871
Width: 10	
Decimals: 0	
Range: 1-5	
Invalid: 11	

## Bacteriologically confirmed TB (TBDiagMicro)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 9330
Format: numeric	Invalid: 8646
Width: 12	
Decimals: 0	
Range: 1-3	

## EDT 1 Collected (EDT1Collected)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 17914
Format: numeric	Invalid: 62
Width: 12	
Decimals: 0	
Range: 1-3	

## Blood specimen 1 (EDT1)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 17950
Format: character	Invalid: 0
Width: 15	

## Reasons for not collecting blood specimen 1 (EDT1NotCollected)

### File: AHRI.Vukuzazi.LabResults.2021.V2

#### Overview

Type: Discrete	Valid cases: 25
Format: numeric	Invalid: 17951
Width: 12	
Decimals: 0	
Range: 1-7	

## EDT 2 Collected (EDT2Collected)

### File: AHRI.Vukuzazi.LabResults.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17903  
 Invalid: 73

**Blood specimen 2 (EDT2)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 17924  
 Invalid: 0

**Reasons for not collecting blood specimen 2 (EDT2NotCollected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 52  
 Invalid: 17924

**Blood specimen 3 collected (EDT3Collected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17889  
 Invalid: 87

**Blood specimen 3 (EDT3)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 17886  
 Invalid: 0

**Reasons for not collecting blood specimen 3 (EDT3NotCollected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 89  
 Invalid: 17887

## SST 1 Collected (SST1Collected)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17929  
 Invalid: 47

## Blood specimen 4 (SST1)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 17951  
 Invalid: 0

## Reasons for not collecting blood specimen 4 (SST1NotCollected)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 24  
 Invalid: 17952

## Sputum specimen collected (SSP1Collected)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 10615  
 Invalid: 7361

## Sputum specimen 1 (SSP1)

File: AHRI.Vukuzazi.LabResults.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 10559  
 Invalid: 0

**Spontaneous specimen obtained (SpontSputumObtained)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 10177  
 Invalid: 7799

**Reasons for not obtaining spontaneous sputum****(SpontSputumNotObtained)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 1273  
 Invalid: 16703

**Induced Sputum Obtained (InducedSputumObtained)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 1131  
 Invalid: 16845

**Reasons for not obtaining induced sputum****(InducedSputumNotObtained)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 1076  
 Invalid: 16900

**PAX 1 Collected (PAX1Collected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 17924  
 Invalid: 52

**Spont TB SputumHome (SpontTBSputumHome)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 411  
 Invalid: 17565

**Induced TBS putum Home (InducedTBSputumHome)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 411  
 Invalid: 17565

**Paxgene specimen 1 (PAX1)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 17781  
 Invalid: 0

**Reasons for not collecting paxgene specimen (PAX1NotCollected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-7

Valid cases: 195  
 Invalid: 17781

**SSP Bottle Collected (SSPBottleCollected)****File: AHRI.Vukuzazi.LabResults.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 10190  
 Invalid: 7786

**Swab Sample 1 Collected (SwabSample1Collected)****File: AHRI.Vukuzazi.LabResults.2021.V2**

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17925  
Invalid: 51

## Swab specome collected (SwabSample2Collected)

### File: AHRI.Vukuzazi.LabResults.2021.V2

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17925  
Invalid: 51

## Vukuzazi unique Internal Id of Individual (IndividualId)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous	Valid cases: 18041
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18143.8
	Standard deviation: 11160

## Vukuzazi Camp Visit Date (VisitDate)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 18041
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Height Device ID (HeightDeviceID)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 18024
Format: character	Invalid: 0
Width: 4	

## Height measurement was done (HeightMeasured)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 18041
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Height in Cm (HeightCm)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous	Valid cases: 17854
Format: numeric	Invalid: 187
Width: 10	Minimum: 100
Decimals: 0	Maximum: 197.5
Range: 100-197.499994243072	Mean: 162
Invalid: 1001	Standard deviation: 8.3

## Weight Device ID (WeightDeviceID)

File: AHRI.Vukuzazi.Measurements.2021.V2

**Overview**

Type: Discrete  
 Format: character  
 Width: 10

Valid cases: 18013  
 Invalid: 0

**Weight measurement was done (WeightMeasured)**

**File: AHRI.Vukuzazi.Measurements.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18041  
 Invalid: 0

**Weight in Kg (WeightKg)**

**File: AHRI.Vukuzazi.Measurements.2021.V2**

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 30-479  
 Invalid: 1001

Valid cases: 17850  
 Invalid: 191  
 Minimum: 30  
 Maximum: 479  
 Mean: 72.3  
 Standard deviation: 19.1

**Body Mass Index (BMI)**

**File: AHRI.Vukuzazi.Measurements.2021.V2**

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 11.7293132546048-187.109377835008  
 Invalid: 1001

Valid cases: 17842  
 Invalid: 199  
 Minimum: 11.7  
 Maximum: 187.1  
 Mean: 27.7  
 Standard deviation: 7.9

**Body Mass Index Category (BMICat)**

**File: AHRI.Vukuzazi.Measurements.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-4

Valid cases: 17842  
 Invalid: 199

**Waist circumference measurement was done**

**(WaistCircumferenceMeasured)**

**File: AHRI.Vukuzazi.Measurements.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18041  
 Invalid: 0

**Waist Device ID (WaistDeviceID)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 10

Valid cases: 18019  
 Invalid: 0

**Waist Circumference in Cm (WaistCircumferenceCm)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-1900  
 Invalid: 10001

Valid cases: 17988  
 Invalid: 53  
 Minimum: 2  
 Maximum: 1900  
 Mean: 87.9  
 Standard deviation: 31.9

**Waist circumference category (WaistCircumferenceCat)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 17990  
 Invalid: 51

**BP Device ID (BPDeviceID)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 10

Valid cases: 18017  
 Invalid: 0

**BP Cuff Size (BPCuffSize)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 18024  
 Invalid: 17

## Blood pressure measurement was done (BPMeasured)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18041  
 Invalid: 0

## BP First Systolic (BPFistSystolic)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 60-236

Valid cases: 18002  
 Invalid: 39  
 Minimum: 60  
 Maximum: 236  
 Mean: 120.7  
 Standard deviation: 20.7

## BP First Diastolic (BPFistDiastolic)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 35-144

Valid cases: 18000  
 Invalid: 41  
 Minimum: 35  
 Maximum: 144  
 Mean: 75.3  
 Standard deviation: 12.9

## BP Second Systolic (BPSecondSystolic)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 60-236

Valid cases: 18002  
 Invalid: 39  
 Minimum: 60  
 Maximum: 236  
 Mean: 119.5  
 Standard deviation: 19.8

## BP Second Diastolic (BPSecondDiastolic)

File: AHRI.Vukuzazi.Measurements.2021.V2

**Overview**

Type: Continuous	Valid cases: 17999
Format: numeric	Invalid: 42
Width: 12	Minimum: 35
Decimals: 0	Maximum: 148
Range: 35-148	Mean: 74.4
	Standard deviation: 12.6

**BP Third Systolic (BPThirdSystolic)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous	Valid cases: 18004
Format: numeric	Invalid: 37
Width: 12	Minimum: 60
Decimals: 0	Maximum: 238
Range: 60-238	Mean: 118.2
	Standard deviation: 19.2

**BP Third Diastolic (BPThirdDiastolic)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous	Valid cases: 18009
Format: numeric	Invalid: 32
Width: 12	Minimum: 35
Decimals: 0	Maximum: 143
Range: 35-143	Mean: 73.7
	Standard deviation: 12.7

**BP Forth Systolic (BPForthSystolic)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous	Valid cases: 352
Format: numeric	Invalid: 17689
Width: 12	Minimum: 18
Decimals: 0	Maximum: 250
Range: 18-250	Mean: 162.8
	Standard deviation: 28

**BP Forth Diastolic (BPForthDiastolic)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 18041
Width: 12	
Decimals: 0	

## BP Lowest Systolic (LowestBpSystolic)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous	Valid cases: 18020
Format: numeric	Invalid: 21
Width: 12	Minimum: 1
Decimals: 0	Maximum: 238
Range: 1-238	Mean: 115.6
	Standard deviation: 19

## BP Lowest Diastolic (LowestBpDiastolic)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous	Valid cases: 18020
Format: numeric	Invalid: 21
Width: 12	Minimum: 5
Decimals: 0	Maximum: 136
Range: 5-136	Mean: 70.9
	Standard deviation: 11.9

Systolic BP -average of second and third readings. Only second or third is includ (SystolicBP)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous	Valid cases: 18020
Format: numeric	Invalid: 21
Width: 12	Minimum: 60
Decimals: 0	Maximum: 233
Range: 60-233	Mean: 118.6
	Standard deviation: 18.9

Diastolic BP -average of second and third readings. Only second or third is inclu (DiastolicBP)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous	Valid cases: 18019
Format: numeric	Invalid: 22
Width: 12	Minimum: 38
Decimals: 0	Maximum: 231
Range: 38-231	Mean: 73.9
	Standard deviation: 12

Hip Circumference HipCircumferenceMeasured  
(HipCircumferenceMeasured)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18041  
 Invalid: 0

## Hip Circumference (HipCircumference)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 31-192  
 Invalid: 1001

Valid cases: 17962  
 Invalid: 79  
 Minimum: 31  
 Maximum: 192  
 Mean: 102.9  
 Standard deviation: 15.6

## Waist/hip ratio (WaistHipRatio)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0.014492754771968-62.5000017035264  
 Invalid: 101, 101

Valid cases: 17986  
 Invalid: 55  
 Minimum: 0  
 Maximum: 62.5  
 Mean: 0.9  
 Standard deviation: 0.5

## Waist/hip ratio category (WaistHipRatioCat)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1

Valid cases: 17986  
 Invalid: 55

## Arm circumference measurement was done (ArmCircumferenceMeasured)

### File: AHRI.Vukuzazi.Measurements.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18041  
 Invalid: 0

## Arm Circumference (ArmCircumference)

### File: AHRI.Vukuzazi.Measurements.2021.V2

**Overview**

Type: Continuous	Valid cases: 7745
Format: numeric	Invalid: 10296
Width: 10	Minimum: 30
Decimals: 0	Maximum: 332
Range: 30-332	Mean: 34.3
Invalid: 1001	Standard deviation: 7.3

**Mid-upper arm circumference (MUAC)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 17
Width: 12	
Decimals: 0	
Range: 0-1	

**Heart rate measurement was done (HeartRateMeasured)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Discrete	Valid cases: 18041
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

**Heart Rate First Reading (HeartRateFirstReading)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous	Valid cases: 17987
Format: numeric	Invalid: 54
Width: 10	Minimum: 40
Decimals: 0	Maximum: 188
Range: 40-188	Mean: 81.5
Invalid: 1001	Standard deviation: 14.3

**Heart Rate Second Reading (HeartRateSecondReading)****File: AHRI.Vukuzazi.Measurements.2021.V2****Overview**

Type: Continuous	Valid cases: 17991
Format: numeric	Invalid: 50
Width: 10	Minimum: 40
Decimals: 0	Maximum: 189
Range: 40-189	Mean: 81
Invalid: 1001	Standard deviation: 13.9

## Heart RateThird Reading (HeartRateThirdReading)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous	Valid cases: 17979
Format: numeric	Invalid: 62
Width: 10	Minimum: 40
Decimals: 0	Maximum: 188
Range: 40-188	Mean: 80.8
Invalid: 1001	Standard deviation: 13.5

## Heart Rate Forth Reading (HeartRateForthReading)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Continuous	Valid cases: 350
Format: numeric	Invalid: 17691
Width: 10	Minimum: 40
Decimals: 0	Maximum: 132
Range: 40-132	Mean: 83
Invalid: 1001	Standard deviation: 15.1

## Urine Specimen Id (UrineSpecimenId)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 7420
Format: character	Invalid: 0
Width: 10	

## PregTestResult (PregTestResult)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 7412
Format: numeric	Invalid: 10629
Width: 12	
Decimals: 0	
Range: 1-5	

## Last Menstrua Date (LastMenstrualDate)

File: AHRI.Vukuzazi.Measurements.2021.V2

### Overview

Type: Discrete	Valid cases: 5742
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

**Vukuzazi unique Internal Id of Individual (IndividualId)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Continuous	Valid cases: 18025
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18149
	Standard deviation: 11159.1

**Vukuzazi camp visit date (VisitDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete	Valid cases: 18025
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

**Any other medical problem for which you regularly see a doctor (or traditional he (Medication1)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete	Valid cases: 2718
Format: character	Invalid: 0
Width: 20	

**Any other medical problem for which you regularly see a doctor (or traditional he (Medication2)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete	Valid cases: 407
Format: character	Invalid: 0
Width: 20	

**Any other medical problem for which you regularly see a doctor (or traditional he (Medication3)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete	Valid cases: 41
Format: character	Invalid: 0
Width: 20	

**Medical problem date (Medication1StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 5310  
 Invalid: 0

**Medical problem date (Medication2StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 759  
 Invalid: 0

**Medical problem date (Medication3StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 73  
 Invalid: 0

**Concurrent medications (ConcurrMed1)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 7391  
 Invalid: 0

**Concurrent medications (ConcurrMed2)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 1659  
 Invalid: 0

**Concurrent medication indications (ConcurrMed3)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 523  
 Invalid: 0

**Concurrent medication indications (ConcurrMedIndica1)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2**

**Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 2733  
 Invalid: 0

**Concurrent medication indications (ConcurrMedIndica2)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 646  
 Invalid: 0

**Concurrent medication indications (ConcurrMedIndica3)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 217  
 Invalid: 0

**Concurrent medications date (ConcurrMed1StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 12

Valid cases: 5279  
 Invalid: 0

**Concurrent medications date (ConcurrMed2StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 12

Valid cases: 1427  
 Invalid: 0

**Concurrent medications date (ConcurrMed3StartDate)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2****Overview**

Type: Discrete  
 Format: character  
 Width: 12

Valid cases: 459  
 Invalid: 0

**Concurrent medications adherence (ConcurrMed1Adher)****File: AHRI.Vukuzazi.MedicalProblems.2021.V2**

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 7303  
Invalid: 10722

## Concurrent medications adherence (ConcurrMed2Adher) File: AHRI.Vukuzazi.MedicalProblems.2021.V2

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 1626  
Invalid: 16399

## Concurrent medications adherence (ConcurrMed3Adher) File: AHRI.Vukuzazi.MedicalProblems.2021.V2

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 502  
Invalid: 17523

## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Continuous	Valid cases: 18025
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18149
	Standard deviation: 11159.1

## Vukuzazi camp visit date (VisitDate)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete	Valid cases: 18025
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## BP First Systolic (BPFirstSystolic)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Continuous	Valid cases: 18021
Format: numeric	Invalid: 4
Width: 12	Minimum: 1
Decimals: 0	Maximum: 12820
Range: 1-12820	Mean: 122
	Standard deviation: 103

## BP First Diastolic (BPFirstDiastolic)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Continuous	Valid cases: 18021
Format: numeric	Invalid: 4
Width: 12	Minimum: 7
Decimals: 0	Maximum: 7367
Range: 7-7367	Mean: 75.8
	Standard deviation: 56.3

## BP Second Systolic (BPSecondSystolic)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Continuous	Valid cases: 18003
Format: numeric	Invalid: 22
Width: 12	Minimum: 60
Decimals: 0	Maximum: 236
Range: 60-236	Mean: 119.5
	Standard deviation: 19.7

**BP Second Diastolic (BPSecondDiastolic)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous	Valid cases: 18000
Format: numeric	Invalid: 25
Width: 12	Minimum: 35
Decimals: 0	Maximum: 148
Range: 35-148	Mean: 74.4
	Standard deviation: 12.6

**BP Third Systolic (BPTthirdSystolic)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous	Valid cases: 18005
Format: numeric	Invalid: 20
Width: 12	Minimum: 60
Decimals: 0	Maximum: 238
Range: 60-238	Mean: 118.2
	Standard deviation: 19.2

**BP Third Diastolic (BPTthirdDiastolic)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous	Valid cases: 18010
Format: numeric	Invalid: 15
Width: 12	Minimum: 35
Decimals: 0	Maximum: 143
Range: 35-143	Mean: 73.7
	Standard deviation: 12.7

**BP Forth Systolic (BPForthSystolic)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous	Valid cases: 352
Format: numeric	Invalid: 17673
Width: 12	Minimum: 18
Decimals: 0	Maximum: 250
Range: 18-250	Mean: 162.8
	Standard deviation: 28

**BP Forth Diastolic (BPForthDiastolic)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 18025
Width: 12	
Decimals: 0	

**Mean diastolic BP (2nd & 3rd) (MeanDiaBP)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 38-231

Valid cases: 18020  
 Invalid: 5  
 Minimum: 38  
 Maximum: 231  
 Mean: 73.9  
 Standard deviation: 12

**Mean systolic BP (2nd & 3rd) (MeanSysBP)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 60-233

Valid cases: 18021  
 Invalid: 4  
 Minimum: 60  
 Maximum: 233  
 Mean: 118.6  
 Standard deviation: 18.9

**Have you ever had your blood pressure measured by a doctor or other health worker (BPMeasuredEver)**

**File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

**Have you ever been told by a doctor or other health worker that you have raised b (HighBPIinformedEver)**

**File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 13630  
 Invalid: 4395

**Have you been told in the past 12 months? (HighBPIinformed12mo)**

**File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 9805  
 Invalid: 8220

In the past 6 months, have you seen a doctor or other health care worker about yo (HighBPConsult6mo)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 9802  
 Invalid: 8223

In the past two weeks, have you taken any drugs (medication) for raised blood pre (HighBPTx2wks)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 9801  
 Invalid: 8224

Have you ever seen a traditional healer for raised blood pressure or hypertension (HighBPConsultHealer)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 17133  
 Invalid: 892

Are you currently taking any herbal or traditional remedy for your raised blood p (HighBPHerbalCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 8030  
 Invalid: 9995

## WHO STEPS BP group (BPStepsGroup)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete	Valid cases: 17977
Format: numeric	Invalid: 48
Width: 12	
Decimals: 0	
Range: 1-4	

## BP controlled with medication (BPControl)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete	Valid cases: 4603
Format: numeric	Invalid: 13422
Width: 12	
Decimals: 0	
Range: 1-9	

## Told had raised BP by health care worker in last 12 months (BPAware)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 1-9	

## Seen health care worker in last 6m for raised BP (BPIInCare)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete	Valid cases: 13636
Format: numeric	Invalid: 4389
Width: 12	
Decimals: 0	
Range: 1-9	

## Taken medication for raised BP in past 2 wks medication for raised BP in past 2 w (BPRx2wk)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 1-9	

**Taking herbal medication for raised BP (BPHerbalRx)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 16234  
 Invalid: 1791

**Hypertension diagnosis (primary defn (HTNDiag))****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 17977  
 Invalid: 48

**Hypertension care cascade status (HTNCascade)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-3

Valid cases: 17977  
 Invalid: 48

**Have you ever had your blood sugar measured by a doctor or other health worker? (BSugarMeasuredEver)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

**Have you ever been told by a doctor or other health worker that you have raised b (HighBSugarInformedEver)****File: AHRI.Vukuzazi.NCDHistory.2021.V2****Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 10115  
 Invalid: 7910

Have you been told in the past 12 months?

(HighBSugarInformed12mo)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 8134  
 Invalid: 9891

In the past 6 months, have you seen a doctor or other health care worker about yo (HighBSugarConsult6mo)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 8131  
 Invalid: 9894

In the past two weeks, have you taken any drugs (medication) for diabetes prescri (HighBSugarTx2wks)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 8130  
 Invalid: 9895

Are you currently taking insulin for diabetes prescribed by a doctor or other hea (InsulinTxCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 8130  
 Invalid: 9895

Have you ever seen a traditional healer for diabetes or raised blood sugar? (HighBSugarConsultHealer)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 16955  
 Invalid: 1070

Are you currently taking any herbal or traditional remedy for your diabetes? (HighBSugarHerbalCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 7742  
 Invalid: 10283

Haemoglobin level (HBA1cPercentCat)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 17951  
 Invalid: 74

Told had raised blood sugar by health care worker in last 12m (DMAware)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Diabetes diagnosis (primary definition) (DMDiag)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 17953  
 Invalid: 72

Diabetes controlled with medication (DMControl)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 1737  
 Invalid: 16288

Seen health care worker in last 6m for raised blood suga (DMInCare)  
**File: AHRI.Vukuzazi.NCDHistory.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Taken medication (non-insulin) for raised blood sugar in past 2 wks  
(DMRx2wk)

**File: AHRI.Vukuzazi.NCDHistory.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Currently taking insulin for diabetes (DMInsulin)

**File: AHRI.Vukuzazi.NCDHistory.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Have you ever had your cholesterol (fat levels in your blood) measured by a docto (CholestMeasuredEver)

**File: AHRI.Vukuzazi.NCDHistory.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Have you ever been told by a doctor or other health worker that you have raised c (HighCholestInformedEver)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete	Valid cases: 7768
Format: numeric	Invalid: 10257
Width: 12	
Decimals: 0	
Range: 1-9	

Have you been told in the past 12 months?

(HighCholestInformed12mo)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete	Valid cases: 7679
Format: numeric	Invalid: 10346
Width: 12	
Decimals: 0	
Range: 1-9	

In the past two weeks, have you taken any oral treatment (medication) for raised (HighCholestTx2wks)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete	Valid cases: 7679
Format: numeric	Invalid: 10346
Width: 12	
Decimals: 0	
Range: 1-9	

Diabetes care cascade status (DMCascade)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete	Valid cases: 17953
Format: numeric	Invalid: 72
Width: 12	
Decimals: 0	
Range: 0-3	

Have you ever seen a traditional healer for raised cholesterol?

(HighCholestConsultHealer)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 16897  
 Invalid: 1128

Are you currently taking any herbal or traditional remedy for your raised cholest (HighCholestHerbalCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 7675  
 Invalid: 10350

Have you ever had a heart attack or chest pain from heart disease (angina)? (HeartAttackEver)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Are you currently taking aspirin regularly to prevent or treat heart disease? (HeartAttackAspirinTxCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any othe (HeartAttackStatinsTxCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Did your mother or father have a heart attack before the age of 60?  
 (ParentHistHeartAttack)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Have you ever had a stroke (cerebrovascular accident or incident)?  
 (HadStrokeEver)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Are you currently taking aspirin regularly to prevent a stroke?  
 (StrokeAspirinTxCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin  
 or any othe (StatinsStrokeTxCurr)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

Did your mother or father have a stroke before the age of 60?  
 (ParentHistStroke)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

## Have you been treated for cancer before? (CancerTxEver)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 18024  
 Invalid: 1

## Which cancer? (CancerType)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 56  
 Invalid: 0

## Blood Pressure referral follow up (BPReferralFU)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 1008  
 Invalid: 17017

## Diabetes referral follo (DiabetesReferallFU)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 1169  
 Invalid: 16856

## Follow up Glucose Result (FUGlucoseResult)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 2-31

Valid cases: 1163  
 Invalid: 16862  
 Minimum: 2  
 Maximum: 31  
 Mean: 9.8  
 Standard deviation: 5.8

## Follow up Diabetes Diagnosis (FUDiabetesDiagnosis)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-4

Valid cases: 1165  
 Invalid: 16860

## Follow up Diabetes Clinic Date (FUDiabetesClinicDate)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0

Valid cases: 0  
 Invalid: 18025

## Follow up Diastolic BP (FUDiastolicBp)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-135

Valid cases: 887  
 Invalid: 17138  
 Minimum: 0  
 Maximum: 135  
 Mean: 84.5  
 Standard deviation: 12.6

## UFollow up BP Diagnosis (FUBpDiagnosis)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-5

Valid cases: 886  
 Invalid: 17139

## HBA1c (HBA1c)

File: AHRI.Vukuzazi.NCDHistory.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 17-183  
 Invalid: 1001

Valid cases: 17951  
 Invalid: 74  
 Minimum: 17  
 Maximum: 183  
 Mean: 40.4  
 Standard deviation: 12.5

## Hemoglobin percent (HBA1cPercent)

### File: AHRI.Vukuzazi.NCDHistory.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 3.6999990489088-18.9000002306048  
 Invalid: 101

Valid cases: 17951  
 Invalid: 74  
 Minimum: 3.7  
 Maximum: 18.9  
 Mean: 5.8  
 Standard deviation: 1.1

## Vukuzazi unique Internal Id of Individual (IndividualId)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

### Overview

Type: Continuous	Valid cases: 15372
Format: numeric	Invalid: 0
Width: 12	Minimum: 1789
Decimals: 0	Maximum: 38856
Range: 1789-38856	Mean: 20841.3
	Standard deviation: 9818.3

## Vukuzazi camp visit date (VisitDate)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

### Overview

Type: Discrete	Valid cases: 15372
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Mobility (Mobility)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

### Overview

Type: Discrete	Valid cases: 15372
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Self care (SelfCare)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

### Overview

Type: Discrete	Valid cases: 15372
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Usual activity (UsualActivity)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

### Overview

Type: Discrete	Valid cases: 15372
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Pain or discomfort (PainDiscomfort)

File: AHRI.Vukuzazi.QualityOfLife.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 15372  
 Invalid: 0

**Anxiety or depression (AnxietyDepression)**  
**File: AHRI.Vukuzazi.QualityOfLife.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 15372  
 Invalid: 0

**Good or bad health (GoodBadHealth)**  
**File: AHRI.Vukuzazi.QualityOfLife.2021.V2**

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-100  
 Invalid: 1001

Valid cases: 15367  
 Invalid: 5  
 Minimum: 1  
 Maximum: 100  
 Mean: 87.7  
 Standard deviation: 15.5

## Vukuzazi unique Internal Id of Individual (IndividualId)

### File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous	Valid cases: 18033
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18144.5
	Standard deviation: 11160.7

## Vukuzazi camp visit date (VisitDate)

### File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete	Valid cases: 18033
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

## Are you currently on TB treatment? (TBTxCurrent)

### File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete	Valid cases: 18021
Format: numeric	Invalid: 12
Width: 12	
Decimals: 0	
Range: 1-3	

## If yes, have you received injections as part of this TB treatment? (ReceivedTBInjections)

### File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete	Valid cases: 71
Format: numeric	Invalid: 17962
Width: 12	
Decimals: 0	
Range: 1-3	

## Have you been on TB treatment before? (TBTxEver)

### File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete	Valid cases: 18021
Format: numeric	Invalid: 12
Width: 12	
Decimals: 0	
Range: 1-3	

If yes, how many times have you been on TB treatment?

(NumberTBTxEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-49

Valid cases: 1995  
Invalid: 16038  
Minimum: 1  
Maximum: 49  
Mean: 1.4  
Standard deviation: 2

Age at TB treatment (AgeTBTxEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-91

Valid cases: 872  
Invalid: 17161  
Minimum: 0  
Maximum: 91  
Mean: 31  
Standard deviation: 13.2

Do you remember the exact date, or year when you completed your last TB treatment (LastTBDateCompletionType)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 1940  
Invalid: 16093

Please select the year of completion of last TB treatment

(LastTBDateCompletionYear)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1914-2019

Valid cases: 995  
Invalid: 17038  
Minimum: 1914  
Maximum: 2019  
Mean: 2008.2  
Standard deviation: 9.7

Do you remember how old you were when you had your FIRST diagnosis of TB? (RememberAgeTBTxEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 18033

When did you start your current treatment for TB?

(TBInjectionsStartDate)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 0

Duration of the symptom (weeks) (TBDurationSymptoms)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-60

Valid cases: 348  
 Invalid: 17685  
 Minimum: 1  
 Maximum: 60  
 Mean: 5.7  
 Standard deviation: 9.6

Ever been on TB treatment weeks ago (WeeksAgoTBTxEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-19000

Valid cases: 110  
 Invalid: 17923  
 Minimum: 0  
 Maximum: 19000  
 Mean: 208.7  
 Standard deviation: 1826

Ever been on TB treatment yearsago (YearsAgoTBTxEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-120

Valid cases: 515  
 Invalid: 17518  
 Minimum: 0  
 Maximum: 120  
 Mean: 29.2  
 Standard deviation: 39.1

Date of completion of last TB treatment (LastTBDateCompletion)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 0

Has anyone in your homestead (or residential plot), during your lifetime (HomesteadMemberTBEver)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

Is anybody in your homestead (or residential plot) currently on TB treatment? (HomesteadMemberTBCurr)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

Do you currently have a cough? (CoughCurr)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

If yes, how long have you had the cough (CoughDuration)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-58

Valid cases: 1016  
 Invalid: 17017  
 Minimum: 1  
 Maximum: 58  
 Mean: 3.3  
 Standard deviation: 6.7

If yes, do you cough up sputum? (CoughSputum)

File: AHRI.Vukuzazi.TB.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 1020  
 Invalid: 17013

**Do you have a fever? (FeverCurr)**

**File: AHRI.Vukuzazi.TB.2021.V2**

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

**If yes, how long have you had a fever? (FeverDuration)**

**File: AHRI.Vukuzazi.TB.2021.V2**

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-58  
 Invalid: 101

Valid cases: 407  
 Invalid: 17626

**Do you have drenching night sweats? (Sweating at night that soaks your clothes or (NightSweatsCurr)**

**File: AHRI.Vukuzazi.TB.2021.V2**

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

**How long have you had drenching night sweats?  
 (NightSweatsDuration)**

**File: AHRI.Vukuzazi.TB.2021.V2**

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-60

Valid cases: 410  
 Invalid: 17623

**Have you lost weight in the last 6 months? (WeightLoss6mo)**

**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

How much weight have you lost in the last 6 months?  
 (WeightLossNumber)

File: AHRI.Vukuzazi.TB.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-72

Valid cases: 273  
 Invalid: 17760

Do you have any other symptoms apart from those already mentioned? (OtherSymptoms)

File: AHRI.Vukuzazi.TB.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

Any of the four TB symptoms (TBSymptom)

File: AHRI.Vukuzazi.TB.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18021  
 Invalid: 12

Total TB symptoms (TotalTBSymptom)

File: AHRI.Vukuzazi.TB.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18017  
 Invalid: 16

## Chext X-Ray score (CXRScore)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Continuous	Valid cases: 17311
Format: numeric	Invalid: 722
Width: 12	Minimum: 10
Decimals: 0	Maximum: 100
Range: 10-100	Mean: 32.5
	Standard deviation: 15.9

## Triage for sputum collection (ReferredForSputum)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 18033
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Attempt to collect sputum (SputumTried)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 18033
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Sputum collected (SputumCollected)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 10594
Format: numeric	Invalid: 7439
Width: 12	
Decimals: 0	
Range: 1-3	

## Spontaneous specimen obtained (SpontSputumObtained)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 10191
Format: numeric	Invalid: 7842
Width: 12	
Decimals: 0	
Range: 1-3	

**Reason for not obtaining spontaneous specimen  
(SpontSputumNotObtained)**  
**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete                                  Valid cases: 1286  
 Format: numeric                                Invalid: 16747  
 Width: 12  
 Decimals: 0  
 Range: 1-7

**Induced Sputum Obtained (InducedSputumObtained)**  
**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete                                    Valid cases: 1144  
 Format: numeric                                Invalid: 16889  
 Width: 12  
 Decimals: 0  
 Range: 1-3

**Reason for not obtaining induced specimen  
(InducedSputumNotObtained)**  
**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete                                    Valid cases: 1089  
 Format: numeric                                Invalid: 16944  
 Width: 12  
 Decimals: 0  
 Range: 1-7

**Spont TB SputumHome (SpontTBSputumHome)**  
**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete                                    Valid cases: 410  
 Format: numeric                                Invalid: 17623  
 Width: 12  
 Decimals: 0  
 Range: 1-7

**Induced TBS putum Home (InducedTBSputumHome)**  
**File: AHRI.Vukuzazi.TB.2021.V2**

**Overview**

Type: Discrete                                    Valid cases: 410  
 Format: numeric                                Invalid: 17623  
 Width: 12  
 Decimals: 0  
 Range: 1-7

## TB GeneXpert Test Result (GeneXpert)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 9327
Format: numeric	Invalid: 8706
Width: 10	
Decimals: 0	
Range: 1-7	
Invalid: 11	

## Liquid Culture Result(MGIT) (LiquidCulture)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 9262
Format: numeric	Invalid: 8771
Width: 10	
Decimals: 0	
Range: 1-7	
Invalid: 11	

## Rifampicin Resistance (Rifampicin)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete	Valid cases: 9327
Format: numeric	Invalid: 8706
Width: 10	
Decimals: 0	
Range: 0-7	
Invalid: 11	

## Time To Detection(days) (TTDCulture)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Continuous	Valid cases: 9262
Format: numeric	Invalid: 8771
Width: 10	Minimum: 0
Decimals: 0	Maximum: 42
Range: 0-42	Mean: 39.4
Invalid: 101	Standard deviation: 8.5

## Time To Detection(hrs) (TTHCulture)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Continuous	Valid cases: 9261
Format: numeric	Invalid: 8772
Width: 10	Minimum: 0
Decimals: 0	Maximum: 23
Range: 0-23	Mean: 1.1
Invalid: 101	Standard deviation: 4

**Solid Culture Incubation (SolidIncub)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 18033
Width: 10	
Decimals: 0	
Invalid: 1000000001	

**DST Isoniazid\_0.2 (Isoniazid02)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.8
Invalid: 11	Standard deviation: 0.4

**DST Isoniazid\_1.0 (Isoniazid10)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.8
Invalid: 11	Standard deviation: 0.4

**DST Rifampicin\_1.0 (Rifampicin10)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.9
Invalid: 11	Standard deviation: 0.3

**DST Ethambutol\_7.5 (Ethambutol75)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.9
Invalid: 11	Standard deviation: 0.2

**DST Streptomycin\_2.0 (Streptomycin20)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.9
Invalid: 11	Standard deviation: 0.3

**DST Ofloxacin\_2.0 (Ofloxacin20)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 2
Invalid: 11	Standard deviation: 0.1

**DST Kanamycin\_5.0 (Kanamycin50)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Continuous	Valid cases: 105
Format: numeric	Invalid: 17928
Width: 10	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 2
Invalid: 11	Standard deviation: 0.1

**Bacteriologically confirmed TB (TBDiagMicro)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Discrete	Valid cases: 9327
Format: numeric	Invalid: 8706
Width: 12	
Decimals: 0	
Range: 1-3	

**Bacteriologically confirmed TB or on treatment (TBDiagMicroRx)****File: AHRI.Vukuzazi.TB.2021.V2****Overview**

Type: Discrete	Valid cases: 9341
Format: numeric	Invalid: 8692
Width: 12	
Decimals: 0	
Range: 1-3	

## TB care cascade status (TBCascade)

File: AHRI.Vukuzazi.TB.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-2

Valid cases: 9341  
Invalid: 8692

**Vukuzazi unique Internal Id of Individual (IndividualId)****File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2****Overview**

Type: Continuous	Valid cases: 18024
Format: numeric	Invalid: 0
Width: 12	Minimum: 5
Decimals: 0	Maximum: 38856
Range: 5-38856	Mean: 18149.2
	Standard deviation: 11159.4

**Vukuzazi camp visit date (VisitDate)****File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2****Overview**

Type: Discrete	Valid cases: 18024
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

**Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes? (CurrSmoker)****File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2****Overview**

Type: Discrete	Valid cases: 18024
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

**Do you currently smoke tobacco products daily? (CurrSmokerDaily)****File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2****Overview**

Type: Discrete	Valid cases: 1301
Format: numeric	Invalid: 16723
Width: 12	
Decimals: 0	
Range: 1-3	

**How old were you when you first started smoking?****(AgeStartedSmoking)****File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2****Overview**

Type: Continuous	Valid cases: 857
Format: numeric	Invalid: 17167
Width: 12	Minimum: 0
Decimals: 0	Maximum: 2004
Range: 0-2004	Mean: 22.5
	Standard deviation: 68.1

## Years smoking daily (current smokers) (CurSmokeDur)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Continuous	Valid cases: 854
Format: numeric	Invalid: 17170
Width: 12	Minimum: 0
Decimals: 0	Maximum: 66
Range: 0-66	Mean: 16.7
	Standard deviation: 13.1

## Age started smoking unknown? (AgeStartedSmokingUnknown)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete	Valid cases: 1301
Format: numeric	Invalid: 16723
Width: 12	
Decimals: 0	
Range: 1-3	

## Do you remember how long ago it was? (HowLongStartedSmoking)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 17829
Width: 12	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 18.3
	Standard deviation: 11.6

## Could you specify long ago it was? (HowLongStartedSmokingSpecify)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete	Valid cases: 322
Format: numeric	Invalid: 17702
Width: 12	
Decimals: 0	
Range: 1-3	

## Do you smoke Other products? (OtherTobaccoSpecify)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete	Valid cases: 1301
Format: numeric	Invalid: 16723
Width: 12	
Decimals: 0	
Range: 1-3	

How old were you when you first started smoking (Age)?

(SecAgeStartedSmoking)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 12-60

Valid cases: 75  
Invalid: 17949  
Minimum: 12  
Maximum: 60  
Mean: 21.8  
Standard deviation: 8.9

Started smoking in months (SecStartedSmokingMonths)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-5

Valid cases: 11  
Invalid: 18013

Started smoking in weeks (SecStartedSmokingWeeks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-1

Valid cases: 7  
Invalid: 18017

On average, how many of the following products do you smoke each day/week? (ManufacturedCigarettesDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-20

Valid cases: 1076  
Invalid: 16948

On average, how many of the following products do you smoke each day/week? (ManufacturedCigarettesWeekly)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-450

Valid cases: 1082  
 Invalid: 16942  
 Minimum: 0  
 Maximum: 450  
 Mean: 35.3  
 Standard deviation: 30.8

On average, how many of the following products do you smoke each day/week? (HandRolledCigarettesDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-50

Valid cases: 553  
 Invalid: 17471  
 Minimum: 0  
 Maximum: 50  
 Mean: 3.7  
 Standard deviation: 4.1

On average, how many of the following products do you smoke each day/week? (HandRolledCigarettesWeekly)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-140

Valid cases: 557  
 Invalid: 17467  
 Minimum: 0  
 Maximum: 140  
 Mean: 24  
 Standard deviation: 23.7

On average, how many of the following products do you smoke each day/week? (PipedTobaccoDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-80

Valid cases: 177  
 Invalid: 17847  
 Minimum: 0  
 Maximum: 80  
 Mean: 0.9  
 Standard deviation: 6.3

On average, how many of the following products do you smoke each day/week? (PipedTobaccoWeekly)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-105

Valid cases: 173  
 Invalid: 17851  
 Minimum: 0  
 Maximum: 105  
 Mean: 1.7  
 Standard deviation: 8.9

On average, how many Cigars, cheroots, cigarillos do you smoke each day? (CigarsORcherootsDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-20

Valid cases: 170  
 Invalid: 17854

On average, how many of the following products do you smoke each day/week? (CigarsORcherootsWeekly)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-120

Valid cases: 165  
 Invalid: 17859  
 Minimum: 0  
 Maximum: 120  
 Mean: 2.2  
 Standard deviation: 12.4

On average, how many of the following products do you smoke each day/week? (ShishaSessionsDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-20

Valid cases: 178  
 Invalid: 17846

On average, how many of the following products do you smoke each day/week? (ShishaSessionsWeekly)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-120

Valid cases: 172  
 Invalid: 17852  
 Minimum: 0  
 Maximum: 120  
 Mean: 4.4  
 Standard deviation: 15.2

On average, how many of the following products do you smoke each day/week? (OtherTobaccoSpecifyDailySpec)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-20

Valid cases: 157  
Invalid: 17867

On average, how many of the following products do you smoke each day/week? (OtherTobaccoWeeklySpec)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 3-140

Valid cases: 153  
Invalid: 17871  
Minimum: 3  
Maximum: 140  
Mean: 27.6  
Standard deviation: 23.5

During any visit to a doctor or other health worker in the past 12 months, were y (StopSmoking12mo)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 18024  
Invalid: 0

In the past, did you ever smoke any tobacco products? (EverSmoked)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 17022  
Invalid: 1002

In the past, did you ever smoke daily? (EverSmokedDaily)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 199  
 Invalid: 17825

## Smoking status (SmokeCat)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-5

Valid cases: 18024  
 Invalid: 0

## Smoking amount (SmokeAmount)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-77  
 Invalid: 101

Valid cases: 1135  
 Invalid: 16889  
 Minimum: 0  
 Maximum: 77  
 Mean: 6  
 Standard deviation: 5.3

## Smoking amount (SmokeAmountCat)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-3

Valid cases: 1135  
 Invalid: 16889

## Smoking group(3 categories) (Smoke3Cat)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18024  
 Invalid: 0

## Quit smoking in months (QuitSmokingMonths)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-9

Valid cases: 16  
 Invalid: 18008

## Quit smoking in weeks (QuitSmokingWeeks)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-2

Valid cases: 9  
 Invalid: 18015

## Quit smoking in years (QuitSmokingYears)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-36

Valid cases: 41  
 Invalid: 17983  
 Minimum: 0  
 Maximum: 36  
 Mean: 8  
 Standard deviation: 9.4

## Do you remember how old you were when you last quit smoking? (RememberQuitSmoking)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 151  
 Invalid: 17873

## Have you ever consumed any alcohol such as beer, wine, spirits or [add other loca (EverConsumedAlcohol)]

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 18024  
 Invalid: 0

Have you consumed any alcohol within the past 12 months?

(ConsumedAlcohol12mo)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 2273  
 Invalid: 15751

Have you stopped drinking due to health reasons, such as a negative impact on you (StoppedAlcoholHealth)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 2153  
 Invalid: 15871

During the past 12 months, how frequently have you had at least one standard alco (ConsumptionFrequency)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-6

Valid cases: 2271  
 Invalid: 15753

Have you consumed any alcohol within the past 30 days?

(ConsumedAlcohol30d)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 2271  
 Invalid: 15753

During the past 30 days, on how many occasions did you have at least one standard (ConsumedAlcoholOccassions)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-30

Valid cases: 669  
 Invalid: 17355  
 Minimum: 0  
 Maximum: 30  
 Mean: 4.6  
 Standard deviation: 5.3

During the past 30 days, when you drank alcohol, how many standard drinks on aver (DrinksConsumedOccassions)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-32

Valid cases: 720  
 Invalid: 17304  
 Minimum: 0  
 Maximum: 32  
 Mean: 4.3  
 Standard deviation: 4.2

During the past 30 days, what was the largest number of standard drinks you had o (DrinksPerOccassion)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-36

Valid cases: 713  
 Invalid: 17311  
 Minimum: 0  
 Maximum: 36  
 Mean: 5.8  
 Standard deviation: 4.8

During each of the past 7 days, how many standard drinks did you have each day? (SixDrinksPerOccassion)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-30

Valid cases: 564  
 Invalid: 17460  
 Minimum: 0  
 Maximum: 30  
 Mean: 4.7  
 Standard deviation: 4.9

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekMondayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-20

Valid cases: 210  
 Invalid: 17814

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekTuesdayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-40

Valid cases: 173  
 Invalid: 17851  
 Minimum: 0  
 Maximum: 40  
 Mean: 2.9  
 Standard deviation: 3.6

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekWednesdayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-12

Valid cases: 191  
 Invalid: 17833

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekThursdayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-12

Valid cases: 236  
 Invalid: 17788

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekFridayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-28

Valid cases: 528  
 Invalid: 17496  
 Minimum: 0  
 Maximum: 28  
 Mean: 4.7  
 Standard deviation: 3.8

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekSaturdayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous	Valid cases: 623
Format: numeric	Invalid: 17401
Width: 12	Minimum: 0
Decimals: 0	Maximum: 28
Range: 0-28	Mean: 5.5
	Standard deviation: 4

During each of the past 7 days, how many standard drinks did you have each day? (LastWeekSundayDrinks)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous	Valid cases: 479
Format: numeric	Invalid: 17545
Width: 12	Minimum: 0
Decimals: 0	Maximum: 48
Range: 0-48	Mean: 4.2
	Standard deviation: 4.3

During the past 7 days, did you consume any homebrewed alcohol, any alcohol brought (ConsumedHomeBredAlcohol)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete	Valid cases: 758
Format: numeric	Invalid: 17266
Width: 12	
Decimals: 0	
Range: 1-3	

On average, how many standard drinks of the following did you consume during the (NumberHomeBredSpirits)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete	Valid cases: 66
Format: numeric	Invalid: 17958
Width: 12	
Decimals: 0	
Range: 0-10	

On average, how many standard drinks of the following did you consume during the (NumberHomeBredBeer)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-12

Valid cases: 191  
 Invalid: 17833

On average, how many standard drinks of the following did you consume during the (NumberAlcoholImported)  
**File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-8

Valid cases: 8  
 Invalid: 18016

On average, how many standard drinks of the following did you consume during the (NumberAlcoholForbidden)  
**File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-5

Valid cases: 5  
 Invalid: 18019

On average, how many standard drinks of the following did you consume during the (NumberAlcoholUntaxed)  
**File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-5

Valid cases: 8  
 Invalid: 18016

Alcohol intake category (DrinkCat)

**File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2**

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-3

Valid cases: 18024  
 Invalid: 0

## Alcohol intake ( 3 categories) (Drink3Cat)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-2

Valid cases: 18024  
 Invalid: 0

## Total drinks in 30 days (DrinkAmount)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-11400

Valid cases: 658  
 Invalid: 17366  
 Minimum: 0  
 Maximum: 11400  
 Mean: 41.3  
 Standard deviation: 447.7

## Average drinks per week (DrinkWk)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 0-1628

Valid cases: 658  
 Invalid: 17366  
 Minimum: 0  
 Maximum: 1628  
 Mean: 5.4  
 Standard deviation: 64

## Alcohol use disorder risk (among drinkers in past 30 days (AUDRisk))

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 725  
 Invalid: 17299

## Heavy episodic drinking (DrinkHeavy)

### File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 757  
 Invalid: 17267

## Age at the time of quitting smoking (AgeQuitSmoking)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 13-67

Valid cases: 72  
Invalid: 17952  
Minimum: 13  
Maximum: 67  
Mean: 31  
Standard deviation: 14.7

During any visit to a doctor or other health worker in the past 12 months, were y (StopSmokingAdvice12mo)

File: AHRI.Vukuzazi.TobaccoAndAlcohol.2021.V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 1301  
Invalid: 16723

# Documentation

## Technical documents

### DDI:Vukuzazi.2021

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Title DDI:Vukuzazi.2021  
Author(s) Sweetness H Dube  
Date 08/02/2021  
Country South Africa  
Language English  
Filename AHRI.Vukuzazi.2021.pdf

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### Document:Weights data files

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Title Document:Weights data files  
Author(s) Sweetness H Dube  
Date 09/02/2021  
Country South Africa  
Language English  
Filename Weights.zip

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### DDI:Vukuzazi Recruitment and Health Camp Data

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Title DDI:Vukuzazi Recruitment and Health Camp Data  
Author(s) Sweetness H Dube  
Date 07/01/2022  
Country South Africa  
Language English  
Filename AHRI.Vukuzazi.2021\_1.pdf

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