

DATA CODEBOOK 2**Codebook_AHDSS_HaNakekela_HIV_Hyp**

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The AHDSS_HaNakekela_HIV_Hyp.dta dataset is non-public. It contains variables from the full HaNakekela survey dataset linked to the AHDSS Census 2009 and mortality-migration followup from AHDSS Censuses through 2019 for the 7,657 persons in the age-sex stratified random sample selected from AHDSS Census 2009 for the HaNakela survey. Status of each person (resident, migrated, dead) is adjusted to July 31, 2019.

From this dataset, Data Stata Dofile 3 DatasetBuilding_Public.do created the public Data State Dataset 6 HIVafter40_Twin_Epidemics_HIV_Hyp.

Variable		Source					Label
StudyNumber		AHDSS 2009					Individual HDSS ID
unique values:		7,657					
Gender		AHDSS 2009					Gender
Freq.	Value	Label					
3,891	"F"	Female					
3,766	"M"	Male					
Age20100801		AHDSS					Age on August 1, 2010
range:		[10,98] missing .: 0/7,657					
mean:		40.5005					
std. dev:		18.0819					
percentiles:		10%	25%	50%	75%	90%	
		20	26	37	51	68	
Outcome		Ha Nakekela Behavioral Risk QA					Outcome of Survey
Freq.	Value	Label					
4,763	1	complete					
2,159	2	not found					
162	3	dead					
361	4	refused					
212	5	ineligible					
FinalHIVStatus		Ha Nakekela					HIV status
Freq.	Value	Label					
3,222	" "	status missing					
3,327	"NEGATIVE"	HIV negative					
1,108	"POSITIVE"	HIV positive					
qSESabs2009		AHDSS 2009					SES quintile
Freq.	Value	Label					
48	" "	missing					
1,185	"1"	Quintile 1 (lowest)					
1,436	"2"	Quintile 2					
1,556	"3"	Quintile 3					
1,563	"4"	Quintile 4					
1,869	"5"	Quintile 5 (highest)					
EduYears		AHDSS 2009					Years of Education
range:		[0,15] missing .: 207/7,657					
mean:		7.3041					
std. dev:		4.67463					
percentiles:		10%	25%	50%	75%	90%	
		0	3	9	11	12	

Variable	Source		Label
CurrentlyWorking	AHDSS 2009		Employment Status
Freq.	Value	Label	
681	" "	missing	
4,930	"N"	No	
11	"Q"	Refused	
2,035	"Y"	Yes	
UnionStatus	AHDSS 2009		Union Status
Freq.	Value	Label	
5	" "	Missing	
335	"Divorced"	Divorced	
2,115	"Formal"	In Formal Marriage	
812	"Informal"	In Informal Union	
3,047	"NeverInUnion"	Never in Union	
429	"Separated"	Separated	
2	"Unknown"	Unknown	
912	"Widowed"	Widowed	
Refugee	AHDSS 2009		Refugee Status
Freq.	Value	Label	
155	"M"	Mozambique arrival >1992	
5,352	"N"	Native South African	
16	"O"	Neither South Africa nor Mozambique origin	
2,134	"Y"	Mozambique arrival <1993	
maxDoD	AHDSS 2009-2020		Date of Death
max date of death 3jan2020			
Freq.	Value	Label	
6,619	.	no death recorded by census 2020	
1,038	date	date of death recorded by census 2020	
LastExitType	AHDSS 2020		Status
Freq.	Value	Label	
5,394	"C"	censored at July 31, 2019	
1,055	"D"	death recorded by July 31, 2019	
1,208	"M"	migrated at July 31, 2019	
LastObsDate	AHDSS 2020		Date last observed in AHDSS
range:	04Aug2009-28feb2020	missing .:	0/7,657
DoB	AHDSS 2009		Date of birth
range:	[20nov1907,29jul1995] missing .: 0/7,657		
mean:	13aug1969)		
percentiles:	10%	25%	50% 75% 90%
	01jan1942 20sep1958 12jul1973 24dec1983 10feb1990		
VisitDate	Ha Nakekela Behavioral Risk Visit Date		Date of survey
range:	[13aug2010,24jun2011] missing .: 0/7,657		
mean:	21jan2011		
percentiles:	10%	25%	50% 75% 90%
	28sep2010 12nov2010 05feb2011 31mar2011 18apr2011		
Q38_BloodPressureMeasured	HaNakekela Disease Risk Q38		Blood Pressure Measured
Freq.	Value	Label	
3,325	1	Yes	
1,437	2	No	
2,895	.	missing	
Q39_DiagnosedWithHighBP	HaNakekela Disease Risk Q39		High Blood Pressure Diagnosed
Freq.	Value	Label	
728	1	Yes	
2,597	2	No	
4,332	.	missing	

Variable	Source		Label				
Q41a_DrugsForHighBPLast2Weeks	Ha Nakekela Disease Risk Q41a		BP Medication last 2 weeks				
Freq.	Value	Label					
483	1	Yes					
245	2	No					
6,929	.	missing					
Q41b_DrugsForHighBPLast12Months	Ha Nakekela Disease Risk Q41b		BP Medication last 12 months				
Freq.	Value	Label					
531	1	Yes					
197	2	No					
6,929	.	missing					
Q41c_AdviceToReduceSalt_BP	Ha Nakekela Disease Risk Q41c		Advised: reduce salt				
Freq.	Value	Label					
436	1	Yes					
292	2	No					
6,929	.	missing					
Q41d_AdviceToLoseWeight_BP	Ha Nakekela Disease Risk Q41d		Advised: lose weight				
Freq.	Value	Label					
150	1	Yes					
578	2	No					
6,929	.	missing					
Q41e_AdviceToStopSmoking_BP	Ha Nakekela Disease Risk Q41e		Advised: stop smoking				
Freq.	Value	Label					
60	1	Yes					
668	2	No					
6,929	.	missing					
Q41f_AdviceToExercise_BP	Ha Nakekela Disease Risk Q41f		Advised: exercise				
Freq.	Value	Label					
218	1	Yes					
510	2	No					
6,929	.	missing					
Q68a_Systolic1	Ha Nakekela Disease Risk Q68a		Systolic BP measure1				
range:	[72,260]	missing .:	2,945/7,657				
mean:	132.346						
std. dev:	21.9576						
percentiles:	10%	25%	50%	75%	90%		
	108	117	130	144	160		
Q68b_Diastolic1	Ha Nakekela Disease Risk Q41		Diastolic BP measure1				
range:	[42,188]	missing .:	2,945/7,657				
mean:	87.6978						
std. dev:	16.6536						
percentiles:	10%	25%	50%	75%	90%		
	68	76	86	97	108		
Q69a_Systolic2	Ha Nakekela Disease Risk Q41		Systolic BP measure2				
range:	[12,256]	missing .:	2,945/7,657				
mean:	130.158						
std. dev:	21.1515						
percentiles:	10%	25%	50%	75%	90%		
	107	116	128	141	157		
Q69b_Diastolic2	Ha Nakekela Disease Risk Q41		Diastolic BP measure2				
range:	[18,188]	missing .:	2,945/7,657				
mean:	85.9571						
std. dev:	16.0669						
percentiles:	10%	25%	50%	75%	90%		
	67	75	84	95	106		

Variable	Source					Label
Q70a_Systolic3	Ha Nakekela Disease Risk Q41					Systolic BP measure3
range:	[12,254]	missing .: 2,945/7,657				
mean:	128.154					
std. dev:	20.9955					
percentiles:	10%	25%	50%	75%	90%	
	105	114	126	139	154	
Q70b_Diastolic3	Ha Nakekela Disease Risk Q41					Diastolic BP measure3
range:	[24,192]	missing .: 2,945/7,657				
mean:	84.6082					
std. dev:	16.2622					
percentiles:	10%	25%	50%	75%	90%	
	65	74	84	94	104	
Q8d_EverTestedForHIV	Ha Nakekela Behavioral Risk Q8d					Ever tested for HIV
Freq.	Value	Label				
2,429	1	Yes				
2,058	2	No				
3,170	.	missing				
Q8i_UnderAntiretroviralTreatment	Ha Nakekela Behavioral Risk Q8i					Under ART
Freq.	Value	Label				
264	1	Yes				
2,155	2	No				
6	3	Refused				
5,232	.	missing				
finalwt	AHDSS & Ha Nakekela					Final weight
unnormed, adjusted for selection and nonresponse						
range:	[1.4801927,207.45868]	missing .: 254/7,657				
mean:	8.47376					
std. dev:	9.83885					
percentiles:	10%	25%	50%	75%	90%	
	2.73922	3.79758	5.25008	10.1726	16.4848	
The finalwt is the product of the survey weight (the inverse of the probability of the person being selected from AHDSS census 2009 for the survey) and the inverse of the predicted probability the person participated in the survey (the adjustment for nonresponse).						
See README.doc for further description of finalwt calculation						
ViralLoad	HaNakekela					Viral Load
Log copies/mL	missing "": 6,550/7,657					