

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

Nompumelelo Mkwana

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Identification

SURVEY ID NUMBER

AHRI.EVOLVE.HBV

TITLE

EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

The EVOLVE-HBV study was established in 2023 to provide evidence for resource allocation and intervention strategies that support progress toward hepatitis B (HBV) elimination targets. The serosurvey component of the programme aimed to:

1. Quantify the prevalence of HBV infection, prior exposure, vaccine-mediated immunity and susceptibility;
2. Describe the distribution of HBV serological markers according to demographic, clinical, HIV, non-communicable disease and spatial characteristics;
3. Evaluate HBV viral load and alanine aminotransferase (ALT) levels among participants with evidence of HBV infection;
4. Estimate the proportion of the population meeting criteria for HBV treatment eligibility under contemporary World Health Organization guidelines for HBV (2024).
5. Describe the geographic distribution of HBV infection within the surveillance area.

The study was nested within the Vukuzazi programme, conducted by the Africa Health Research Institute (AHRI) in the uMkhanyakude district of KwaZulu-Natal, South Africa. A stratified sample of 2,200 plasma specimens collected between 2018 and 2020 was retrospectively tested for HBV biomarkers and linked to sociodemographic, clinical, HIV, non-communicable disease and geospatial data.

More information and study resources are available online here: <<https://doi.org/10.6084/m9.figshare.c.7678727>>

KIND OF DATA

Survey Data, clinical data, biomarker data, administrative records data, spatial data

UNIT OF ANALYSIS

Individual-level cross-sectional data. Each record represents a single plasma sample collected during the Vukuzazi programme (2018-2020) from a participant aged 15 years or older. Samples were retrospectively tested for HBV biomarkers.

Version

VERSION DESCRIPTION

V1.0.0

Scope

TOPICS

Topic	Vocabulary	URI
Hepatitis B virus; seroepidemiologic studies; coinfection; noncommunicable diseases; hepatitis, viral, human; HIV infections; public health surveillance; health status disparities; antiviral treatment; eligibility determination.	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
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Hepatitis B; HBV; vaccine-mediated immunity; HIV co-infection; seroprevalence; rural health; KwaZulu-Natal; South Africa; population surveillance; archived plasma samples; liver disease; public health equity.	Africa Health Research Institute	www.ahri.org
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Coverage

GEOGRAPHIC COVERAGE

Africa Health Research Institute (AHRI) demographic surveillance area in rural uMkhanyakude district, KwaZulu-Natal.

UNIVERSE

A subset of residents aged 15 years and older in the AHRI surveillance area who participated in the Vukuzazi health screening programme between May 2018 and March 2020.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Siyabonga Nxumalo	AHRI
Lusanda Mazibuko	AHRI
Nompumelelo Mkwana	AHRI
Prof Philippa C Matthews	The Francis Crick Institute / University College London
Prof Collins Iwuji	AHRI
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Mark Siedner	AHRI / Harvard MGH
Emily Wong	AHRI / University of Alabama at Birmingham
Willem Hanekom	AHRI
Vukuzazi Field Team	AHRI
Sample Processing Unit	AHRI
Khanyi Msomi	National Health Laboratory Service
Theresa Smit	AHRI
Dickman Gareta	AHRI
Luthando Zuma	AHRI

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
The Francis Crick Institute (core funding to the Hepatitis B Elimination Lab, ref CC2223), drawing on funding from Wellcome, MRC and Cancer Research UK	Crick Core Funding	PI (Matthews)

University College London Biomedical Research Centre (BRC)	NIHR BRC	Contribution to salary funding (Matthews)
AHRI Wellcome Strategic Core award	Wellcome	Institutional core funding

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Sampling

SAMPLING PROCEDURE

A stratified random sample of 2,200 plasma samples was selected from the Vukuzazi biobank. Stratification was done by age group, sex and HIV status, and samples were randomly selected within each stratum.

Data collection

DATES OF DATA COLLECTION

Start	End
2018-05-01	2020-03-31

Data Processing

DATA EDITING

All serological and molecular testing followed validated laboratory protocols. Data were cleaned, linked and de-identified prior to analysis. Spatial analysis used GIS shapefiles from AHRI's surveillance area.

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository (<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

CITATION REQUIREMENTS

Nxumalo, S., Mazibuko, L., Mkwazazi, N., Matthews, P. C., Iwuji, C., Anderson, M., Baisley, K., Ordning-Jespersen, G., Siedner, M., Wong, E., Hanekom, W., Africa Health Research Institute, Africa Health Research Institute, Msomi, K., Smit, T., Gareta, D., & Zuma, L. (2026). EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020) [Dataset]. Africa Health Research Institute.

DOI: <https://doi.org/10.23664/AHRI.EVOLVE.HBV>

Metadata production

DDI DOCUMENT ID
AHRI.EVOLVE.HBV

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PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
vk_evolve	2200	295

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Data file: vk_evolve

Cases: 2200

Variables: 295

Variables

ID	Name	Label	Question
V3117	individualid	IndividualId	
V3118	iintid	IntID	
V3119	sex	Sex	
V3120	birthyear		
V3121	hbvdob	HBV vaccine age epoch	
V3122	educ_recoded	Education level	
V3123	sescat	Socioeconomic status	
V3124	drink3cat	Alcohol intake	
V3125	smoke3cat	Smoking status	
V3126	bmicat	BMI category	
V3127	hivstat	HIV status (ELISA)	
V3128	onart	On ART (cascade)	
V3129	vl_suppressed	Viral load <50 copies/mL (PLWH only)	
V3130	hypertension	Hypertension	
V3131	diabetic	Diabetes	
V3132	hbsag_interpretation	HBsAg Interpretation	
V3133	hbsab_interpretation	HBsAb Interpretation	
V3134	anti_hbcii_interpretation	Anti_HBcII Interpretation	
V3135	hbsag_result	HBsAg Result	
V3136	hbv_num		
V3137	active_disease	HBsAg positive (qualitative)	
V3138	hbv_active	HBsAg S/CO > 10 (sensitivity definition)	
V3139	vax_med_immune	Vaccine-mediated immunity (HBsAb+ / others -)	
V3140	hbvexpo_clear	Exposure & clearance (anti-HBc+ / HBsAg-)	
V3141	susceptible	Susceptible (HBsAg-/anti-HBc-/anti-HBs-)	
V3142	ipw_weights		
V3143	totwt		
V3144	box_no	Box_No	
V3145	position_no	Position_No	
V3146	label_id	Label_ID	
V3147	text_id	Text_ID	
V3148	processing_barcode	Processing_barcode	
V3149	trackcare_barcode	TrackCare_Barcode	
V3150	hbsab_result	HBsAb Result	
V3151	anti_hbcii_result	Anti_HBcII Result	
V3152	dateofbirth	Individual's Date of Birth	
V3153	mobileclinicvisitdate	Date of visit at the Vukuzazi mobile clinic	
V3154	bmi	Body Mass Index	

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ID	Name	Label	Question
V3155	dateofdeath	Date of Death	
V3156	died		
V3157	clinic_tot1y	Number clinic visits in past year (ClinicLink)	
V3158	clinic_1y	Any clinic visits in past year (ClinicLink)	
V3159	hosp_tot1y	Number hospitalisations in past year (HIS)	
V3160	hosp_1y	Hospitalised in past year (HIS)	
V3161	consent_rdt	Ever consent to RDT in PIP (2017/2018)	
V3162	ses_score	SES score (component 1)	
V3163	kmtonearestclinic	Straight-line distance to clinic named in previous variable	
V3164	studyoutcome	Individual study outcome	
V3165	homesteadvisitdate	Date of visit at the homestead	
V3166	ageatreruitment	Age at recruitment	
V3167	ageatreruitmentcat	Age category at recruitment	
V3168	ageatenrolment	Age at enrolment	
V3169	ageatenrolmentcat	Age category at enrolment	
V3170	hhintid	PIP unique household Id	
V3171	bsintid	PIP unique bounded structure Id	
V3172	episode	This episode number (first=1, last=Episodes)	
V3173	episodes	Total number of episodes for individual	
V3174	startdate	Start date of episode (inclusive)	
V3175	enddate	End date of episode (inclusive)	
V3176	resident	Whether individual is resident for duration of episode	
V3177	education	Education status of individual during this episode	
V3178	maritalstatus	Marital status of the individual during this episode	
V3179	currentlyemployed	Employment status of the individual during this episode	
V3180	visitdate	Vukuzazi camp visit date	
V3181	currsmoker	Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes	
V3182	currsmokerdaily	Do you currently smoke tobacco products daily?	
V3183	agestartedsmoking	How old were you when you first started smoking?	
V3184	cursmokedur	Years smoking daily (current smokers)	
V3185	agestartedsmokingunknown	Age started smoking unknown?	
V3186	howlongstartedsmoking	Do you remember how long ago it was?	
V3187	howlongstartedsmokingspecify	Could you specify long ago it was?	
V3188	othertobaccospecify	Do you smoke Other products?	
V3189	secagestartedsmoking	How old were you when you first started smoking (Age)?	
V3190	secstartedsmokingmonths	Started smoking in months	
V3191	secstartedsmokingweeks	Started smoking in weeks	
V3192	manufacturedcigarettesdaily	On average, how many of the following products do you smoke each day/week?	
V3193	manufacturedcigarettesweekly	On average, how many of the following products do you smoke each day/week?	
V3194	handrolledcigarettesdaily	On average, how many of the following products do you smoke each day/week?	
V3195	handrolledcigarettesweekly	On average, how many of the following products do you smoke each day/week?	

ID	Name	Label	Question
V3196	pipedtobaccodaily	On average, how many of the following products do you smoke each day/week?	
V3197	pipedtobaccoweeky	On average, how many of the following products do you smoke each day/week?	
V3198	cigarsorcherootsdaily	On average, how many Cigars, cheroots, cigarillos do you smoke each day?	
V3199	cigarsorcherootsweekly	On average, how many of the following products do you smoke each day/week?	
V3200	shishasessionsdaily	On average, how many of the following products do you smoke each day/week?	
V3201	shishasessionsweekly	On average, how many of the following products do you smoke each day/week?	
V3202	othertobaccospecifydailyspec	On average, how many of the following products do you smoke each day/week?	
V3203	othertobaccoweeklyspec	On average, how many of the following products do you smoke each day/week?	
V3204	stopsmoking12mo	During any visit to a doctor or other health worker in the past 12 months, were	
V3205	eversmoked	In the past, did you ever smoke any tobacco products?	
V3206	eversmokeddaily	In the past, did you ever smoke daily?	
V3207	smokecat	Smoking status	
V3208	smokeamount	Smoking amount	
V3209	smokeamountcat	Smoking amount	
V3210	quitsmokingmonths	Quit smoking in months	
V3211	quitsmokingweeks	Quit smoking in weeks	
V3212	quitsmokingyears	Quit smoking in years	
V3213	rememberquitsmoking	Do you remember how old you were when you last quit smoking?	
V3214	everconsumedalcohol	Have you ever consumed any alcohol such as beer, wine, spirits or [add other loc	
V3215	consumedalcohol12mo	Have you consumed any alcohol within the past 12 months?	
V3216	stoppedalcoholhealth	Have you stopped drinking due to health reasons, such as a negative impact on yo	
V3217	consumptionfrequency	During the past 12 months, how frequently have you had at least one standard alc	
V3218	consumedalcohol30d	Have you consumed any alcohol within the past 30 days?	
V3219	consumedalcoholoccasions	During the past 30 days, on how many occasions did you have at least one standar	
V3220	drinksconsumedoccasions	During the past 30 days, when you drank alcohol, how many standard drinks on ave	
V3221	drinksperoccasion	During the past 30 days, what was the largest number of standard drinks you had	
V3222	sixdrinksperoccasion	During each of the past 7 days, how many standard drinks did you have each day?	
V3223	lastweekmondaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3224	lastweektuesdaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3225	lastweekwednesdaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3226	lastweekthursdaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	

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ID	Name	Label	Question
V3227	lastweekfridaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3228	lastweeksaturdaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3229	lastweeksundaydrinks	During each of the past 7 days, how many standard drinks did you have each day?	
V3230	consumedhomebredalcohol	During the past 7 days, did you consume any homebrewed alcohol, any alcohol brou	
V3231	numberhomebredspirits	On average, how many standard drinks of the following did you consume during the	
V3232	numberhomebredbeer	On average, how many standard drinks of the following did you consume during the	
V3233	numberalcoholimported	On average, how many standard drinks of the following did you consume during the	
V3234	numberalcoholforbidden	On average, how many standard drinks of the following did you consume during the	
V3235	numberalcoholuntaxed	On average, how many standard drinks of the following did you consume during the	
V3236	drinkcat	Alcohol intake category	
V3237	drinkamount	Total drinks in 30 days	
V3238	drinkwk	Average drinks per week	
V3239	audrisk	Alcohol use disorder risk (among drinkers in past 30 days	
V3240	drinkheavy	Heavy episodic drinking	
V3241	agequitsmoking	Age at the time of quitting smoking	
V3242	stopsmokingadvice12mo	During any visit to a doctor or other health worker in the past 12 months, were	
V3243	receivedhivtestresult	Have you ever received a test result for HIV?	
V3244	hadposhivresult	Have you ever had a positive HIV test result?	
V3245	hadposhivresultdatetype	Do you remember the exact date, or year of your first positive test result?	
V3246	hivposresult1stdate	When was your first positive test result?	
V3247	hivposresult1styear	Year of First HIV Positive Result	
V3248	lasthivnegresultdatetype	Type of Last HIV Negative date	
V3249	lasthivnegresultdate	When was your last negative test result?	
V3250	lasthivnegresultyear	Year Last HIV Negative Result	
V3251	everonart	Have you ever been on ART?	
V3252	artinitiationdatetype	Do you remember the exact date, or year when you first started ART?	
V3253	artinitiationdate	When did you first start ART?	
V3254	artinitiationyear	Year Of ART Initiation	
V3255	currentlyonart	Are you currently receiving ART?	
V3256	artdefault	Have you ever stopped/defaulted from ART treatment? (Defaulted explained as not	
V3257	artdefaulttimes	HART default times	
V3258	hivelisa	HIV Elisa Result	
V3259	cd4lymphab	CD4 Lymphocytes Abs	
V3260	cd4lymphpercent	CD4 Lymphocytes %	
V3261	cd8lymphab	CD8 Lymphocytes Abs	
V3262	cd4cd8ratio	CD4/CD8 Ratio	
V3263	cd8lymphpercent	CD8 Lymphocyte percent	

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ID	Name	Label	Question
V3264	vl	HIV Viral Load Result	
V3265	vlcat	Viral load category	
V3266	hivaware	Aware of HIV Status	
V3267	hivcontrol	HIV positive on ART and VL <400	
V3268	hivonartsupp	VL<400 among those who report being on ART	
V3269	hivincare	HIV positive on ART	
V3270	hivcascade	HIV care cascade status	
V3271	tbtcurrent	Are you currently on TB treatment?	
V3272	receivedtbjections	If yes, have you received injections as part of this TB treatment?	
V3273	tbtnever	Have you been on TB treatment before?	
V3274	numbertbtnever	If yes, how many times have you been on TB treatment?	
V3275	agetbtnever	Age at TB treatment	
V3276	lasttbdatecompletiontype	Do you remember the exact date, or year when you completed your last TB treatment	
V3277	lasttbdatecompletionyear	Please select the year of completion of last TB treatment	
V3278	rememberagetbtnever	Do you remember how old you were when you had your FIRST diagnosis of TB?	
V3279	tbjectionsstartdate	When did you start your current treatment for TB?	
V3280	tbdurationsymptoms	Duration of the symptom (weeks)	
V3281	weeksagotbtnever	Ever been on TB treatment weeks ago	
V3282	yearsagotbtnever	Ever been on TB treatment yearsago	
V3283	lasttbdatecompletion	Date of completion of last TB treatment	
V3284	homesteadmembertbnever	Has anyone in your homestead (or residential plot), during your lifetime	
V3285	homesteadmembertbcurr	Is anybody in your homestead (or residential plot) currently on TB treatment?	
V3286	coughcurr	Do you currently have a cough?	
V3287	coughduration	If yes, how long have you had the cough	
V3288	coughsputum	If yes, do you cough up sputum?	
V3289	fevercurr	Do you have a fever?	
V3290	feverduration	If yes, how long have you had a fever?	
V3291	nightsweatscurr	Do you have drenching night sweats? (Sweating at night that soaks your clothes o	
V3292	nightsweatsduration	How long have you had drenching night sweats?	
V3293	weightloss6mo	Have you lost weight in the last 6 months?	
V3294	weightlossnumber	How much weight have you lost in the last 6 months?	
V3295	othersymptoms	Do you have any other symptoms apart from those already mentioned?	
V3296	tbsymptom	Any of the four TB symptoms	
V3297	totaltbsymptom	Total TB symptoms	
V3298	cxrscore	Chest X-Ray score	
V3299	referredforsputum	Triage for sputum collection	
V3300	sputumtried	Attempt to collect sputum	
V3301	sputumcollected	Sputum collected	
V3302	spontsputumobtained	Spontaneous specimen obtained	
V3303	spontsputumnotobtained	Reason for not obtaining spontaneous specimen	
V3304	inducedsputumobtained	Induced Sputum Obtained	
V3305	inducedsputumnotobtained	Reason for not obtaining induced specimen	
V3306	sponttbsputumhome	Spont TB SputumHome	

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ID	Name	Label	Question
V3307	inducedtbsputumhome	Induced TBS putum Home	
V3308	genexpert	TB GeneXpert Test Result	
V3309	liquidculture	Liquid Culture Result(MGIT)	
V3310	rifampicin	Rifampicin Resistance	
V3311	ttdculture	Time To Detection(days)	
V3312	tthculture	Time To Detection(hrs)	
V3313	solidincub	Solid Culture Incubation	
V3314	isoniazid02	DST Isoniazid_0.2	
V3315	isoniazid10	DST Isoniazid_1.0	
V3316	rifampicin10	DST Rifampicin_1.0	
V3317	ethambutol75	DST Ethambutol_7.5	
V3318	streptomycin20	DST Streptomycin_2.0	
V3319	ofloxacin20	DST Ofloxacin_2.0	
V3320	kanamycin50	DST Kanamycin_5.0	
V3321	tbdiagmicro	Bacteriologically confirmed TB	
V3322	tbdiagmicrox	Bacteriologically confirmed TB or on treatmen	
V3323	tbcascade	TB care cascade status	
V3324	bpfirstsystolic	BP First Systolic	
V3325	bpfirstdiastolic	BP First Diastolic	
V3326	bpsecondsystolic	BP Second Systolic	
V3327	bpseconddiastolic	BP Second Diastolic	
V3328	bpthirdsystolic	BP Third Systolic	
V3329	bpthirddiastolic	BP Third Diastolic	
V3330	bpforthsystolic	BP Forth Systolic	
V3331	bpforthdiastolic	BP Forth Diastolic	
V3332	meandiabp	Mean diastolic BP (2nd & 3rd)	
V3333	meansysbp	Mean systolic BP (2nd & 3rd)	
V3334	bpmeasuredever	Have you ever had your blood pressure measured by a doctor or other health worke	
V3335	highbpinformedever	Have you ever been told by a doctor or other health worker that you have raised	
V3336	highbpinformed12mo	Have you been told in the past 12 months?	
V3337	highbpconsult6mo	In the past 6 months, have you seen a doctor or other health care worker about y	
V3338	highbptx2wks	In the past two weeks, have you taken any drugs (medication) for raised blood pr	
V3339	highbpconsulthealer	Have you ever seen a traditional healer for raised blood pressure or hypertensio	
V3340	highbpherbalcurr	Are you currently taking any herbal or traditional remedy for your raised blood	
V3341	bpstepsgroup	WHO STEPS BP group	
V3342	bpcontrol	BP controlled with medication	
V3343	bpaware	Told had raised BP by health care worker in last 12 months	
V3344	bpincare	Seen health care worker in last 6m for raised BP	
V3345	bprx2wk	Taken medication for raised BP in past 2 wks medication for raised BP in past 2	
V3346	bpherbalrx	Taking herbal medication for raised BP	
V3347	htndiag	Hypertension diagnosis (primary defn	

ID	Name	Label	Question
V3348	htncascade	Hypertension care cascade status	
V3349	bsugarmeasuredever	Have you ever had your blood sugar measured by a doctor or other health worker?	
V3350	highbsugarinformedever	Have you ever been told by a doctor or other health worker that you have raised	
V3351	highbsugarinformed12mo	Have you been told in the past 12 months?	
V3352	highbsugarconsult6mo	In the past 6 months, have you seen a doctor or other health care worker about y	
V3353	highbsugartx2wks	In the past two weeks, have you taken any drugs (medication) for diabetes prescr	
V3354	insulintxcurr	Are you currently taking insulin for diabetes prescribed by a doctor or other he	
V3355	highbsugarconsulthealer	Have you ever seen a traditional healer for diabetes or raised blood sugar?	
V3356	highbsugarherbalcurr	Are you currently taking any herbal or traditional remedy for your diabetes?	
V3357	hba1cpercentcat	Haemoglobin level	
V3358	dmaware	Told had raised blood sugar by health care worker in last 12m	
V3359	dmdiag	Diabetes diagnosis (primary definition)	
V3360	dmcontrol	Diabetes controlled with medication	
V3361	dmincare	Seen health care worker in last 6m for raised blood suga	
V3362	dmrx2wk	Taken medication (non-insulin) for raised blood sugar in past 2 wks	
V3363	dminsuln	Currently taking insulin for diabetes	
V3364	cholestmeasuredever	Have you ever had your cholesterol (fat levels in your blood) measured by a doct	
V3365	highcholestinformedever	Have you ever been told by a doctor or other health worker that you have raised	
V3366	highcholestinformed12mo	Have you been told in the past 12 months?	
V3367	highcholesttx2wks	In the past two weeks, have you taken any oral treatment (medication) for raised	
V3368	dmcascade	Diabetes care cascade status	
V3369	highcholestconsulthealer	Have you ever seen a traditional healer for raised cholesterol?	
V3370	highcholestherbalcurr	Are you currently taking any herbal or traditional remedy for your raised choles	
V3371	heartattackever	Have you ever had a heart attack or chest pain from heart disease (angina)?	
V3372	heartattackaspirintxcurr	Are you currently taking aspirin regularly to prevent or treat heart disease?	
V3373	heartattackstatintxcurr	Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any oth	
V3374	parenthistheartattack	Did your mother or father have a heart attack before the age of 60?	
V3375	hadstrokeever	Have you ever had a stroke (cerebrovascular accident or incident)?	
V3376	strokeaspirintxcurr	Are you currently taking aspirin regularly to prevent a stroke?	
V3377	statinsstrokecurr	Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any oth	
V3378	parenthiststroke	Did your mother or father have a stroke before the age of 60?	
V3379	cancertxever	Have you been treated for cancer before?	
V3380	cancertype	Which cancer?	
V3381	bpreferallfu	Blood Pressure referral follow up	
V3382	diabetesreferallfu	Diabetes referral follo	

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

ID	Name	Label	Question
V3383	fuglucoseresult	Follow up Glucose Result	
V3384	fudiabetesdiagnosis	Follow up Diabetes Diagnosis	
V3385	fudiabetesclinicdate	Follow up Diabetes Clinic Date	
V3386	fudiastolicbp	Follow up Diastolic BP	
V3387	fubpdiagnosis	UFollow up BP Diagnosis	
V3388	hba1c	HBA1c	
V3389	hba1cpercent	Hemoglobin percent	
V3390	age	RECODE of AgeAtEnrolmentCat (Age category at enrolment)	
V3391	m_status	RECODE of MaritalStatus (Marital status of the individual during this episode)	
V3392	smoking_advice	RECODE of StopSmokingAdvice12mo (During any visit to a doctor or other health wo	
V3393	edu_cat	RECODE of Education (Education status of individual during this episode)	
V3394	isurbanorrural	Is urban or rural	
V3395	educ_hse		
V3396	educ_socdem		
V3397	entrydate		
V3398	exitdate		
V3399	dwt	Design weight (prob of selection)	
V3400	educ_num		
V3401	hbsag_clean		
V3402	hbsab_clean		
V3403	antihbc_clean		
V3404	miss_hbsag		
V3405	miss_hbsab		
V3406	miss_ahbc		
V3407	hbsab_result_clean		
V3408	hbsab_op	anti-HBs censoring flag	
V3409	hbsab_num	anti-HBs (mIU/mL), numeric (raw parsed)	
V3410	hbsab_ge10	anti-HBs ≥10 mIU/mL	
V3411	obs		

Total: 295

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

INDIVIDUALID: IndividualID

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 24 Maximum: 38776 Mean: 18720.138 Standard deviation: 11239.035
Type: Continuous Decimal: 0 Width: 10 Range: 24 - 38776 Format: Numeric

IINTID: IIntID

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 129 Maximum: 246968 Mean: 81753.316 Standard deviation: 54615.821
Type: Continuous Decimal: 0 Width: 10 Range: 129 - 246968 Format: Numeric

SEX: Sex

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	984	44.7%
2	Female	1216	55.3%
9	Unknown	0	0%

BIRTHYEAR:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 1926 Maximum: 2004 Mean: 1984.855 Standard deviation: 16.663
Type: Continuous Decimal: 0 Width: 8 Range: 1926 - 2004 Format: Numeric

HBVDOB: HBV vaccine age epoch

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 11 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Born <1995	1203	54.7%
1	1995â€“1999	562	25.5%
2	2000â€“2005	435	19.8%

EDUC_RECODED: Education level

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	120	5.5%
1	Primary	302	13.7%
2	Secondary	1407	64%
3	Tertiary	370	16.8%
Sysmiss		1	

SESCAT: Socioeconomic status

Data file: vk_evolve

Overview

Valid: 2127 Invalid: 73

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Lowest	240	11.3%
2	Low	601	28.3%
3	Middle	517	24.3%
4	High	374	17.6%

5	Highest	395	18.6%
Sysmiss		73	

DRINK3CAT: Alcohol intake

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Never drinker	1820	82.7%
1	No drinking in last 12 months	48	2.2%
2	Drinking in past 12 months	332	15.1%

SMOKE3CAT: Smoking status

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Current smoker	221	10%
2	Ex-smoker	20	0.9%
3	Never smoker	1959	89%

BMICAT: BMI category

Data file: vk_evolve

Overview

Valid: 2187 Invalid: 13
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Underweight	139	6.4%
2	Normal	1076	49.2%
3	Overweight	493	22.5%
4	Obese	479	21.9%
Sysmiss		13	

HIVSTAT: HIV status (ELISA)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	1100	50%
1	Positive	1100	50%

ONART: On ART (cascade)

Data file: vk_evolve

Overview

Valid: 1100 Invalid: 1100

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	302	27.5%
1	Yes	798	72.5%
Sysmiss		1100	

VL_SUPPRESSED: Viral load <50 copies/mL (PLWH only)

Data file: vk_evolve

Overview

Valid: 1100 Invalid: 1100

Type: Discrete Decimal: 0 Width: 14 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Not suppressed	333	30.3%
1	Suppressed	767	69.7%
Sysmiss		1100	

HYPERTENSION: Hypertension

Data file: vk_evolve

Overview

Valid: 2195 Invalid: 5

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1830	83.4%
1	Yes	365	16.6%
Sysmiss		5	

DIABETIC: Diabetes

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	2063	93.8%

1	Yes	136	6.2%
Sysmiss		1	

HBSAG_INTERPRETATION: HBsAg_ Interpretation

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 11 Range: - Format: character

HBSAB_INTERPRETATION: HBsAb_ Interpretation

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 11 Range: - Format: character

ANTI_HBCII_INTERPRETATION: Anti_HBcII_ Interpretation

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 11 Range: - Format: character

HBSAG_RESULT: HBsAg_Result

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 12 Range: - Format: character

HBV_NUM:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 0 Maximum: 6732.1 Mean: 194.415 Standard deviation: 962.093
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 6732.1 Format: Numeric

ACTIVE_DISEASE: HBsAg positive (qualitative)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1960	89.1%
1	Yes	240	10.9%

HBV_ACTIVE: HBsAg S/CO > 10 (sensitivity definition)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	2071	94.1%
1	Yes	129	5.9%

VAX_MED_IMMUNE: Vaccine-mediated immunity (HBsAb+ / others -)

Data file: vk_evolve

Overview

Valid: 1312 Invalid: 888

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1102	84%
1	Yes	210	16%
Sysmiss		888	

HBVEXPO_CLEAR: Exposure & clearance (anti-HBc+ / HBsAg-)

Data file: vk_evolve

Overview

Valid: 1960 Invalid: 240

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1312	66.9%
1	Yes	648	33.1%
Sysmiss		240	

SUSCEPTIBLE: Susceptible (HBsAg-/anti-HBc-/anti-HBs-)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1098	49.9%
1	Yes	1102	50.1%

IPW_WEIGHTS:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 1.316 Maximum: 3.013 Mean: 2.165 Standard deviation: 0.488

Type: Continuous Decimal: 0 Width: 10 Range: 1.31573207125485 - 3.01340558384329 Format: Numeric

TOTWT:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 1.849 Maximum: 63.441 Mean: 16.315 Standard deviation: 12.031
Type: Continuous Decimal: 0 Width: 9 Range: 1.84939086437225 - 63.4408683776856 Format: Numeric

BOX_NO: Box_No

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 870116 Maximum: 888227 Mean: 878306.818 Standard deviation: 6647.337
Type: Continuous Decimal: 0 Width: 10 Range: 870116 - 888227 Format: Numeric

POSITION_NO: Position_No

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 3 Range: - Format: character

LABEL_ID: Label_ID

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 13 Range: - Format: character

TEXT_ID: Text_ID

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 14 Range: - Format: character

PROCESSING_BARCODE: Processing_barcode

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 10 Range: - Format: character

TRACKCARE_BARCODE: TrackCare_Barcode

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 10 Range: - Format: character

HBSAB_RESULT: HBsAb_Result

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 16 Range: - Format: character

ANTI_HBCII_RESULT: Anti_HBcII_Result

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 10 Range: - Format: character

DATEOFBIRTH: Individual's Date of Birth

Data file: vk_evolve

Overview

Valid: 2200 Minimum: 1926-09-26 Maximum: 2004-11-08
Type: Discrete Width: 11 Range: - Format: character

MOBILECLINICVISITDATE: Date of visit at the Vukuzazi mobile clinic

Data file: vk_evolve

Overview

Valid: 2200 Minimum: 2018-06-01 Maximum: 2020-03-13
Type: Discrete Width: 11 Range: - Format: character

BMI: Body Mass Index

Data file: vk_evolve

Overview

Valid: 2187 Invalid: 13 Minimum: 13.289 Maximum: 169 Mean: 25.961 Standard deviation: 7.736
Type: Continuous Decimal: 0 Width: 10 Range: 13.2888908381211 - 169 Format: Numeric

DATEOFDEATH: Date of Death

Data file: vk_evolve

Overview

Valid: 45 Minimum: 2018-11-07 Maximum: 2021-10-15
Type: Discrete Width: 11 Range: - Format: character

DIED:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

CLINIC_TOT1Y: Number clinic visits in past year (ClinicLink)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 0 Maximum: 47 Mean: 2.419 Standard deviation: 3.396
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 47 Format: Numeric

CLINIC_1Y: Any clinic visits in past year (ClinicLink)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1027	46.7%
1	Yes	1173	53.3%
9	Missing	0	0%

HOSP_TOT1Y: Number hospitalisations in past year (HIS)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: 0 - 1 Format: Numeric

HOSP_1Y: Hospitalised in past year (HIS)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	2197	99.9%
1	Yes	3	0.1%
9	Missing	0	0%

CONSENT_RDT: Ever consent to RDT in PIP (2017/2018)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1466	66.6%
1	Yes	734	33.4%
9	Missing	0	0%

SES_SCORE: SES score (component 1)

Data file: vk_evolve

Overview

Valid: 2127 Invalid: 73 Minimum: -5.782 Maximum: 6.217 Mean: 0.226 Standard deviation: 1.926
Type: Continuous Decimal: 0 Width: 9 Range: -5.78231859207153 - 6.21706295013428 Format: Numeric

KMTONEARESTCLINIC: Straight-line distance to clinic named in previous variable

Data file: vk_evolve

Overview

Valid: 2193 Invalid: 7 Minimum: 0.09 Maximum: 9.48 Mean: 2.843 Standard deviation: 1.801
Type: Continuous Decimal: 0 Width: 10 Range: 0.09 - 9.48 Format: Numeric

STUDYOUTCOME: Individual study outcome

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Did not attend mobile clinic	0	0%
2	Lacked capacity	0	0%
3	Disenrolled from the study	0	0%
4	Enrolled into the study	2200	100%
5	Non-contact	0	0%
6	Premature-completion	0	0%
7	Refused invitation card	0	0%
8	No attempt made	0	0%
9	Incomplete visit	0	0%
10	Refused study enrolment	0	0%

HOMESTEADVISITDATE: Date of visit at the homestead

Data file: vk_evolve

Overview

Valid: 2197 Minimum: 2018-05-24 Maximum: 2020-03-11
Type: Discrete Width: 11 Range: - Format: character

AGEATRECRUITMENT: Age at recruitment

Data file: vk_evolve

Overview

Valid: 2197 Invalid: 3 Minimum: 15 Maximum: 92 Mean: 33.491 Standard deviation: 16.661
Type: Continuous Decimal: 0 Width: 12 Range: 15 - 92 Format: Numeric

AGEATRECRUITMENTCAT: Age category at recruitment

Data file: vk_evolve

Overview

Valid: 2197 Invalid: 3
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<20	511	23.3%
2	20-24	502	22.8%
3	25-29	148	6.7%
4	30-34	159	7.2%
5	35-39	155	7.1%
6	40-44	143	6.5%
7	45-49	162	7.4%
8	50-54	125	5.7%
9	55-59	96	4.4%
10	60-64	75	3.4%
11	65-69	56	2.5%
12	70+	65	3%
Sysmiss		3	

AGEATENROLMENT: Age at enrolment

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 15 Maximum: 92 Mean: 33.501 Standard deviation: 16.651
Type: Continuous Decimal: 0 Width: 12 Range: 15 - 92 Format: Numeric

AGEATENROLMENTCAT: Age category at enrolment

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<20	509	23.1%
2	20-24	506	23%
3	25-29	147	6.7%
4	30-34	160	7.3%
5	35-39	155	7%
6	40-44	144	6.5%
7	45-49	162	7.4%
8	50-54	124	5.6%
9	55-59	97	4.4%
10	60-64	74	3.4%
11	65-69	57	2.6%
12	70+	65	3%

HHINTID: PIP unique household Id

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 16 Maximum: 43304 Mean: 13216.223 Standard deviation: 11078.802
Type: Continuous Decimal: 0 Width: 12 Range: 16 - 43304 Format: Numeric

BSINTID: PIP unique bounded structure Id

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 19 Maximum: 92378 Mean: 10908.159 Standard deviation: 14248.392
Type: Continuous Decimal: 0 Width: 12 Range: 19 - 92378 Format: Numeric

EPISODE: This episode number (first=1, last=Episodes)

Data file: vk_evolve

Overview

Valid: 2194 Invalid: 6 Minimum: 1 Maximum: 71 Mean: 23.95 Standard deviation: 8.316
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 71 Format: Numeric

EPISODES: Total number of episodes for individual

Data file: vk_evolve

Overview

Valid: 2194 Invalid: 6 Minimum: 1 Maximum: 71 Mean: 23.95 Standard deviation: 8.316
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 71 Format: Numeric

STARTDATE: Start date of episode (inclusive)

Data file: vk_evolve

Overview

Valid: 2194 Minimum: 2004-01-01 Maximum: 2018-12-21
Type: Discrete Width: 11 Range: - Format: character

ENDDATE: End date of episode (inclusive)

Data file: vk_evolve

Overview

Valid: 2194 Minimum: 2004-02-03 Maximum: 2018-12-31
Type: Discrete Width: 11 Range: - Format: character

RESIDENT: Whether individual is resident for duration of episode

Data file: vk_evolve

Overview

Valid: 2194 Invalid: 6
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	62	2.8%
1	Yes	2132	97.2%
Sysmiss		6	

EDUCATION: Education status of individual during this episode

Data file: vk_evolve

Overview

Valid: 2191 Invalid: 9

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	653	29.8%
1	Grade 1	4	0.2%
2	Grade 2	7	0.3%
3	Grade 3	10	0.5%
4	Grade 4	33	1.5%
5	Grade 5	36	1.6%
6	Grade 6	47	2.1%
7	Grade 7	101	4.6%
8	Grade 8	98	4.5%
9	Grade 9	111	5.1%
10	Grade 10	194	8.9%
11	Grade 11	183	8.4%
12	Grade 12	639	29.2%
13	?	0	0%
14	Some tertiary	0	0%
15	Tertiary qualification	75	3.4%
Sysmiss		9	

MARITALSTATUS: Marital status of the individual during this episode

Data file: vk_evolve

Overview

Valid: 1813 Invalid: 387

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Unknown	0	0%
1	Not married	544	30%
2	Married	235	13%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

3	Widowed	102	5.6%
4	Separated/divorced	4	0.2%
5	Informal union	928	51.2%
Sysmiss		387	

CURRENTLYEMPLOYED: Employment status of the individual during this episode

Data file: vk_evolve

Overview

Valid: 1773 Invalid: 427

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Unknown	0	0%
1	Yes	310	17.5%
2	Part-time	72	4.1%
3	No	1391	78.5%
Sysmiss		427	

VISITDATE: Vukuzazi camp visit date

Data file: vk_evolve

Overview

Valid: 2200 Minimum: 2018-06-01 Maximum: 2020-03-13

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

CURRSMOKER: Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0	No	0	0%
1	Yes	221	10%
2		1979	90%

CURRSMOKERDAILY: Do you currently smoke tobacco products daily?

Data file: vk_evolve

Overview

Valid: 221 Invalid: 1979

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	193	87.3%
2		28	12.7%
Sysmiss		1979	

AGESTARTEDSMOKING: How old were you when you first started smoking?

Data file: vk_evolve

Overview

Valid: 147 Invalid: 2053 Minimum: 2 Maximum: 50 Mean: 20.571 Standard deviation: 7.237

Type: Continuous Decimal: 0 Width: 12 Range: 2 - 50 Format: Numeric

CURSMOKEDUR: Years smoking daily (current smokers)

Data file: vk_evolve

Overview

Valid: 147 Invalid: 2053 Minimum: 0 Maximum: 66 Mean: 17.306 Standard deviation: 13.03

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 66 Format: Numeric

AGESTARTEDSMOKINGUNKNOWN: Age started smoking unknown?

Data file: vk_evolve

Overview

Valid: 221 Invalid: 1979

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	55	24.9%
2		166	75.1%
Sysmiss		1979	

HOWLONGSTARTEDSMOKING: Do you remember how long ago it was?

Data file: vk_evolve

Overview

Valid: 33 Invalid: 2167 Minimum: 1 Maximum: 40 Mean: 17.03 Standard deviation: 11.326
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 40 Format: Numeric

HOWLONGSTARTEDSMOKINGSPECIFY: Could you specify long ago it was?

Data file: vk_evolve

Overview

Valid: 55 Invalid: 2145
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	54	98.2%
2		1	1.8%
Sysmiss		2145	

OTHERTOBACCOSPECIFY: Do you smoke Other products?

Data file: vk_evolve

Overview

Valid: 221 Invalid: 1979
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	24	10.9%
2		197	89.1%
Sysmiss		1979	

SECAGESTARTEDSMOKING: How old were you when you first started smoking (Age)?

Data file: vk_evolve

Overview

Valid: 13 Invalid: 2187 Minimum: 15 Maximum: 40 Mean: 22.308 Standard deviation: 8.43
Type: Continuous Decimal: 0 Width: 12 Range: 15 - 40 Format: Numeric

SECSTARTEDSMOKINGMONTHS: Started smoking in months

Data file: vk_evolve

Overview

Valid: 2 Invalid: 2198
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 0 Format: Numeric

SECSTARTEDSMOKINGWEEKS: Started smoking in weeks

Data file: vk_evolve

Overview

Valid: 2 Invalid: 2198
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 0 Format: Numeric

MANUFACTURED CIGARETTES DAILY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 188 Invalid: 2012
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 20 Format: Numeric

MANUFACTUREDCIGARETTESWEEKLY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 189 Invalid: 2011 Minimum: 0 Maximum: 140 Mean: 34.476 Standard deviation: 26.213
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 140 Format: Numeric

HANDROLLEDCIGARETTESDAILY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 104 Invalid: 2096
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 20 Format: Numeric

HANDROLLEDCIGARETTESWEEKLY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 103 Invalid: 2097 Minimum: 0 Maximum: 140 Mean: 23.204 Standard deviation: 25.363
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 140 Format: Numeric

PIPEDTOBACCODAILY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 34 Invalid: 2166
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 8 Format: Numeric

PIPEDTOBACOWEEKLY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 35 Invalid: 2165 Minimum: 0 Maximum: 27 Mean: 1.771 Standard deviation: 5.921
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 27 Format: Numeric

CIGARSORCHEROOTSDAILY: On average, how many Cigars, cheroots, cigarillos do you smoke

each day?

Data file: vk_evolve

Overview

Valid: 32 Invalid: 2168

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 8 Format: Numeric

CIGARSORCHEROOTSWEEKLY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 32 Invalid: 2168 Minimum: 0 Maximum: 88 Mean: 3 Standard deviation: 15.575

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 88 Format: Numeric

SHISHASESSIONSDAILY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 34 Invalid: 2166

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 9 Format: Numeric

SHISHASESSIONSWEEKLY: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 32 Invalid: 2168 Minimum: 0 Maximum: 50 Mean: 2.656 Standard deviation: 10.624

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 50 Format: Numeric

OTHERTOBACCOSPECIFYDAILYSPEC: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 24 Invalid: 2176

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

OTHERTOBACCOWEEKLYSPEC: On average, how many of the following products do you smoke each day/week?

Data file: vk_evolve

Overview

Valid: 24 Invalid: 2176 Minimum: 3 Maximum: 125 Mean: 29.042 Standard deviation: 29.698
Type: Continuous Decimal: 0 Width: 12 Range: 3 - 125 Format: Numeric

STOPSMOKING12MO: During any visit to a doctor or other health worker in the past 12 months, were

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	38	1.7%
2		2162	98.3%

EVERSMOKED: In the past, did you ever smoke any tobacco products?

Data file: vk_evolve

Overview

Valid: 2032 Invalid: 168
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	29	1.4%
2		2003	98.6%
Sysmiss		168	

EVERSMOKEDDAILY: In the past, did you ever smoke daily?

Data file: vk_evolve

Overview

Valid: 29 Invalid: 2171

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	24	82.8%
2		5	17.2%
Sysmiss		2171	

SMOKECAT: Smoking status

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Current daily smoker	193	8.8%
2	Current non-daily	28	1.3%
3	Ex-smoker daily	17	0.8%
4	Ex-smoker non-daily	3	0.1%
5	Never smoked	1959	89%

SMOKEAMOUNT: Smoking amount

Data file: vk_evolve

Overview

Valid: 188 Invalid: 2012 Minimum: 0 Maximum: 26 Mean: 6.059 Standard deviation: 4.445

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 26 Format: Numeric

SMOKEAMOUNTCAT: Smoking amount

Data file: vk_evolve

Overview

Valid: 188 Invalid: 2012

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Never	6	3.2%
1	Light	136	72.3%
2	Moderate	41	21.8%
3	Heavy	5	2.7%
Sysmiss		2012	

QUITSMOKINGMONTHS: Quit smoking in months

Data file: vk_evolve

Overview

Valid: 2 Invalid: 2198

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

QUITSMOKINGWEEKS: Quit smoking in weeks

Data file: vk_evolve

Overview

Valid: 2 Invalid: 2198

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

QUITSMOKINGYEARS: Quit smoking in years

Data file: vk_evolve

Overview

Valid: 8 Invalid: 2192

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

REMEMBERQUITSMOKING: Do you remember how old you were when you last quit smoking?

Data file: vk_evolve

Overview

Valid: 22 Invalid: 2178

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	13	59.1%
2		9	40.9%
Sysmiss		2178	

EVERCONSUMEDALCOHOL: Have you ever consumed any alcohol such as beer, wine, spirits or [add other loc

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	380	17.3%
2		1820	82.7%

CONSUMEDALCOHOL12MO: Have you consumed any alcohol within the past 12 months?

Data file: vk_evolve

Overview

Valid: 380 Invalid: 1820
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	326	85.8%
2		54	14.2%
Sysmiss		1820	

STOPPEDALCOHOLHEALTH: Have you stopped drinking due to health reasons, such as a negative impact on yo

Data file: vk_evolve

Overview

Valid: 356 Invalid: 1844

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	63	17.7%
2		293	82.3%
Sysmiss		1844	

CONSUMPTIONFREQUENCY: During the past 12 months, how frequently have you had at least one standard alc

Data file: vk_evolve

Overview

Valid: 380 Invalid: 1820

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 6 Format: Numeric

CONSUMEDALCOHOL30D: Have you consumed any alcohol within the past 30 days?

Data file: vk_evolve

Overview

Valid: 380 Invalid: 1820

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	130	34.2%
2		250	65.8%
Sysmiss		1820	

CONSUMEDALCOHOLOCCASSIONS: During the past 30 days, on how many occasions did you have at least one standard

Data file: vk_evolve

Overview

Valid: 112 Invalid: 2088 Minimum: 0 Maximum: 30 Mean: 4.643 Standard deviation: 5.758
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 30 Format: Numeric

DRINKSCONSUMEDOCCASSIONS: During the past 30 days, when you drank alcohol, how many standard drinks on ave

Data file: vk_evolve

Overview

Valid: 124 Invalid: 2076 Minimum: 0 Maximum: 28 Mean: 4.024 Standard deviation: 4.253
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 28 Format: Numeric

DRINKSPEROCCASSION: During the past 30 days, what was the largest number of standard drinks you had

Data file: vk_evolve

Overview

Valid: 123 Invalid: 2077 Minimum: 0 Maximum: 30 Mean: 5.959 Standard deviation: 4.834
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 30 Format: Numeric

SIXDRINKSPEROCCASSION: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 96 Invalid: 2104 Minimum: 0 Maximum: 28 Mean: 4.385 Standard deviation: 4.655
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 28 Format: Numeric

LASTWEEKMONDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 41 Invalid: 2159
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 12 Format: Numeric

LASTWEEKTUESDAYDRINKS: During each of the past 7 days, how many standard drinks did

you have each day?

Data file: vk_evolve

Overview

Valid: 33 Invalid: 2167

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 8 Format: Numeric

LASTWEEKWEDNESDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 40 Invalid: 2160

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 6 Format: Numeric

LASTWEEKTHURSDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 41 Invalid: 2159

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 8 Format: Numeric

LASTWEEKFRIDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 96 Invalid: 2104 Minimum: 0 Maximum: 24 Mean: 4.031 Standard deviation: 3.532

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 24 Format: Numeric

LASTWEEKSATURDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 108 Invalid: 2092 Minimum: 0 Maximum: 24 Mean: 5.37 Standard deviation: 4.018

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 24 Format: Numeric

LASTWEEKSUNDAYDRINKS: During each of the past 7 days, how many standard drinks did you have each day?

Data file: vk_evolve

Overview

Valid: 77 Invalid: 2123 Minimum: 0 Maximum: 24 Mean: 4.234 Standard deviation: 4.383
Type: Continuous Decimal: 0 Width: 12 Range: 0 - 24 Format: Numeric

CONSUMEDHOMEBREDALCOHOL: During the past 7 days, did you consume any homebrewed alcohol, any alcohol brou

Data file: vk_evolve

Overview

Valid: 130 Invalid: 2070
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	29	22.3%
2		101	77.7%
Sysmiss		2070	

NUMBERHOMEBREDSPIRITS: On average, how many standard drinks of the following did you consume during the

Data file: vk_evolve

Overview

Valid: 6 Invalid: 2194
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 7 Format: Numeric

NUMBERHOMEBREDBEER: On average, how many standard drinks of the following did you consume during the

Data file: vk_evolve

Overview

Valid: 28 Invalid: 2172
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 7 Format: Numeric

NUMBERALCOHOLIMPORTED: On average, how many standard drinks of the following did you consume during the

Data file: vk_evolve

Overview

Valid: 2 Invalid: 2198

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

NUMBERALCOHOLFORBIDDEN: On average, how many standard drinks of the following did you consume during the

Data file: vk_evolve

Overview

Valid: 1 Invalid: 2199

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

NUMBERALCOHOLUNTAXED: On average, how many standard drinks of the following did you consume during the

Data file: vk_evolve

Overview

Valid: 1 Invalid: 2199

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

DRINKCAT: Alcohol intake category

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Never drinker	1820	82.7%
1	No drinking in last 12 months	48	2.2%
2	Drank in last 12 months but not last 30 days	202	9.2%
3	Drinking in last 30 days	130	5.9%

DRINKAMOUNT: Total drinks in 30 days

Data file: vk_evolve

Overview

Valid: 110 Invalid: 2090 Minimum: 0 Maximum: 336 Mean: 21.4 Standard deviation: 41.759

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 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 336 Format: Numeric

DRINKWK: Average drinks per week

Data file: vk_evolve

Overview

Valid: 110 Invalid: 2090 Minimum: 0 Maximum: 48 Mean: 2.618 Standard deviation: 5.985
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 48 Format: Numeric

AUDRISK: Alcohol use disorder risk (among drinkers in past 30 days)

Data file: vk_evolve

Overview

Valid: 123 Invalid: 2077
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	High risk	70	56.9%
2	Low risk	53	43.1%
Sysmiss		2077	

DRINKHEAVY: Heavy episodic drinking

Data file: vk_evolve

Overview

Valid: 130 Invalid: 2070
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	20	15.4%
2		110	84.6%
Sysmiss		2070	

AGEQUITSMOKING: Age at the time of quitting smoking

Data file: vk_evolve

Overview

Valid: 13 Invalid: 2187 Minimum: 17 Maximum: 61 Mean: 30.308 Standard deviation: 13.647
Type: Continuous Decimal: 0 Width: 12 Range: 17 - 61 Format: Numeric

STOPSMOKINGADVICE12MO: During any visit to a doctor or other health worker in the past 12 months, were

Data file: vk_evolve

Overview

Valid: 221 Invalid: 1979
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	16	7.2%
2		161	72.9%
3		44	19.9%
Sysmiss		1979	

RECEIVEDHIVTESTRESULT: Have you ever received a test result for HIV?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1896	86.2%
2		289	13.1%
3		15	0.7%

HADPOSHIVRESULT: Have you ever had a positive HIV test result?

Data file: vk_evolve

Overview

Valid: 1896 Invalid: 304

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	838	44.2%
2		1047	55.2%
3		11	0.6%
Sysmiss		304	

HADPOSHIVRESULTDATE: Do you remember the exact date, or year of your first positive test result?

Data file: vk_evolve

Overview

Valid: 839 Invalid: 1361

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Exact date	88	10.5%
2	Year only	593	70.7%
3	I don't know	158	18.8%
Sysmiss		1361	

HIVPOSRESULT1STDATE: When was your first positive test result?

Data file: vk_evolve

Overview

Valid: 88 Minimum: 1900-01-01 Maximum: 2019-11-19

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

HIVPOSRESULT1STYEAR: Year of First HIV Positive Result

Data file: vk_evolve

Overview

Valid: 594 Invalid: 1606 Minimum: 1983 Maximum: 2019 Mean: 2012.929 Standard deviation: 5.306
Type: Continuous Decimal: 0 Width: 12 Range: 1983 - 2019 Format: Numeric

LASTHIVNEGRESULTDATE: Type of Last HIV Negative date

Data file: vk_evolve

Overview

Valid: 1029 Invalid: 1171
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Exact date	207	20.1%
2	Year only	737	71.6%
3	I don?t know	85	8.3%
Sysmiss		1171	

LASTHIVNEGRESULTDATE: When was your last negative test result?

Data file: vk_evolve

Overview

Valid: 0
Type: Discrete Width: 11 Range: - Format: character

LASTHIVNEGRESULTYEAR: Year Last HIV Negative Result

Data file: vk_evolve

Overview

Valid: 737 Invalid: 1463 Minimum: 1918 Maximum: 2020 Mean: 2017.725 Standard deviation: 4.023
Type: Continuous Decimal: 0 Width: 12 Range: 1918 - 2020 Format: Numeric

EVERONART: Have you ever been on ART?

Data file: vk_evolve

Overview

Valid: 784 Invalid: 1416

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	755	96.3%
2	No	27	3.4%
3	Refused to say	2	0.3%
Sysmiss		1416	

ARTINITIATIONDATETYPE: Do you remember the exact date, or year when you first started ART?

Data file: vk_evolve

Overview

Valid: 92 Invalid: 2108

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Exact date	92	100%
2	Year only	0	0%
3	I don?t know	0	0%
Sysmiss		2108	

ARTINITIATIONDATE: When did you first start ART?

Data file: vk_evolve

Overview

Valid: 92 Minimum: 1900-01-01 Maximum: 2019-11-19

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

ARTINITIATIONYEAR: Year Of ART Initiation

Data file: vk_evolve

Overview

Valid: 555 Invalid: 1645 Minimum: 1992 Maximum: 2019 Mean: 2013.227 Standard deviation: 4.904
Type: Continuous Decimal: 0 Width: 12 Range: 1992 - 2019 Format: Numeric

CURRENTLYONART: Are you currently receiving ART?

Data file: vk_evolve

Overview

Valid: 810 Invalid: 1390
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	799	98.6%
2		11	1.4%
Sysmiss		1390	

ARTDEFAULT: Have you ever stopped/defaulted from ART treatment? (Defaulted explained as not

Data file: vk_evolve

Overview

Valid: 810 Invalid: 1390
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	21	2.6%
2		784	96.8%
3		5	0.6%
Sysmiss		1390	

ARTDEFAULTTIMES: HART default times

Data file: vk_evolve

Overview

Valid: 21 Invalid: 2179

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 12 Format: Numeric

HIVELISA: HIV Elisa Result

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Positive	1100	50%
2	Negative	1100	50%
3	Indeterminate	0	0%

CD4LYMPHAB: CD4 Lymphocytes Abs

Data file: vk_evolve

Overview

Valid: 1096 Invalid: 1104 Minimum: 6 Maximum: 2102 Mean: 687.873 Standard deviation: 331.766

Type: Continuous Decimal: 0 Width: 10 Range: 6 - 2102 Format: Numeric

CD4LYMPHPERCENT: CD4 Lymphocytes %

Data file: vk_evolve

Overview

Valid: 1093 Invalid: 1107 Minimum: 2 Maximum: 58 Mean: 28.908 Standard deviation: 9.955

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 58 Format: Numeric

CD8LYMPHAB: CD8 Lymphocytes Abs

Data file: vk_evolve

Overview

Valid: 1097 Invalid: 1103 Minimum: 160 Maximum: 3815 Mean: 1036.746 Standard deviation: 497.406

Type: Continuous Decimal: 0 Width: 10 Range: 160 - 3815 Format: Numeric

CD4CD8RATIO: CD4/CD8 Ratio

Data file: vk_evolve

Overview

Valid: 1087 Invalid: 1113 Minimum: 0.02 Maximum: 3.58 Mean: 0.783 Standard deviation: 0.474
Type: Continuous Decimal: 0 Width: 10 Range: 0.02 - 3.58 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
11	..

CD8LYMPHPERCENT: CD8 Lymphocyte percent

Data file: vk_evolve

Overview

Valid: 1097 Invalid: 1103 Minimum: 13 Maximum: 84 Mean: 43.252 Standard deviation: 12.487
Type: Continuous Decimal: 0 Width: 10 Range: 13 - 84 Format: Numeric

VL: HIV Viral Load Result

Data file: vk_evolve

Overview

Valid: 1104 Invalid: 1096
Type: Discrete Decimal: 0 Width: 10 Range: 1 - 6715552 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	< 40	105	9.5%
2	NOT DETECTED	662	60%
43		1	0.1%
44		2	0.2%
47		1	0.1%
55		1	0.1%
56		1	0.1%
58		3	0.3%
59		1	0.1%
60		1	0.1%

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61		1	0.1%
65		2	0.2%
66		1	0.1%
69		1	0.1%
70		1	0.1%
71		1	0.1%
72		3	0.3%
73		1	0.1%
75		1	0.1%
76		1	0.1%
78		1	0.1%
81		1	0.1%
82		1	0.1%
83		1	0.1%
118		1	0.1%
122		1	0.1%
126		1	0.1%
135		1	0.1%
139		1	0.1%
140		1	0.1%
147		1	0.1%
156		1	0.1%
157		1	0.1%
158		1	0.1%
162		1	0.1%
166		1	0.1%
168		1	0.1%
178		1	0.1%
209		1	0.1%
212		1	0.1%
215		1	0.1%
260		1	0.1%
272		1	0.1%
303		1	0.1%
341		1	0.1%
368		1	0.1%
384		1	0.1%
402		1	0.1%
416		1	0.1%

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421		1	0.1%
433		1	0.1%
479		1	0.1%
490		2	0.2%
495		1	0.1%
509		1	0.1%
519		1	0.1%
550		1	0.1%
556		1	0.1%
566		1	0.1%
576		1	0.1%
598		1	0.1%
675		1	0.1%
679		1	0.1%
721		1	0.1%
744		1	0.1%
757		1	0.1%
777		2	0.2%
785		1	0.1%
803		1	0.1%
804		1	0.1%
809		1	0.1%
814		1	0.1%
871		1	0.1%
885		1	0.1%
891		1	0.1%
900		1	0.1%
916		1	0.1%
977		1	0.1%
987		1	0.1%
1015		1	0.1%
1037		1	0.1%
1115		2	0.2%
1123		1	0.1%
1131		1	0.1%
1138		1	0.1%
1155		1	0.1%
1157		1	0.1%
1205		2	0.2%

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1221		1	0.1%
1263		1	0.1%
1277		1	0.1%
1312		1	0.1%
1389		1	0.1%
1413		1	0.1%
1520		1	0.1%
1529		1	0.1%
1637		1	0.1%
1797		1	0.1%
1874		1	0.1%
1886		1	0.1%
1924		1	0.1%
1934		1	0.1%
2019		1	0.1%
2152		1	0.1%
2220		1	0.1%
2449		1	0.1%
2605		1	0.1%
2748		1	0.1%
2778		1	0.1%
2939		1	0.1%
2986		1	0.1%
2998		1	0.1%
3227		1	0.1%
3266		1	0.1%
3353		1	0.1%
3467		1	0.1%
3636		1	0.1%
3688		1	0.1%
3793		1	0.1%
3896		1	0.1%
4032		1	0.1%
4187		1	0.1%
4230		1	0.1%
4368		1	0.1%
4498		1	0.1%
4672		1	0.1%
4707		1	0.1%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

4816		1	0.1%
5057		1	0.1%
5111		1	0.1%
5113		1	0.1%
5400		1	0.1%
5479		1	0.1%
5564		1	0.1%
5936		1	0.1%
5991		1	0.1%
6233		1	0.1%
6321		1	0.1%
6407		1	0.1%
6565		2	0.2%
6599		1	0.1%
6870		1	0.1%
6881		1	0.1%
6916		1	0.1%
6974		1	0.1%
7103		1	0.1%
7134		1	0.1%
7164		1	0.1%
7785		1	0.1%
8106		1	0.1%
8128		1	0.1%
8347.5		1	0.1%
9046		1	0.1%
9087		1	0.1%
9246		1	0.1%
9341		1	0.1%
9405		1	0.1%
9576		1	0.1%
9600		1	0.1%
9723		1	0.1%
10399		1	0.1%
10565		1	0.1%
10708		1	0.1%
10943		1	0.1%
11191		1	0.1%
11233		1	0.1%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

11385		1	0.1%
11617		1	0.1%
11783		1	0.1%
12377		1	0.1%
12453		1	0.1%
12483		1	0.1%
12630		1	0.1%
12702		1	0.1%
12801		1	0.1%
12965		1	0.1%
12974		1	0.1%
13238		1	0.1%
13252		1	0.1%
13498		1	0.1%
13585		1	0.1%
13591		1	0.1%
13787		1	0.1%
13876		1	0.1%
13926		1	0.1%
14209		1	0.1%
14243		1	0.1%
14577		1	0.1%
15379		1	0.1%
15488		1	0.1%
15849		1	0.1%
17204		1	0.1%
17401		1	0.1%
17483		1	0.1%
17555		1	0.1%
17630		1	0.1%
18033		1	0.1%
18368		1	0.1%
18775		1	0.1%
19189		1	0.1%
19826		1	0.1%
20146		2	0.2%
20297		1	0.1%
21116		1	0.1%
22320		1	0.1%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

23913		1	0.1%
24237		1	0.1%
24387		1	0.1%
24470		1	0.1%
24638		1	0.1%
25494		1	0.1%
25845		1	0.1%
25912		1	0.1%
26162		1	0.1%
26503		1	0.1%
27621		1	0.1%
28052		1	0.1%
28303		1	0.1%
28564		1	0.1%
28829		2	0.2%
29530		1	0.1%
29850		1	0.1%
30413		1	0.1%
30712.5		1	0.1%
30913		1	0.1%
31336		1	0.1%
33489		1	0.1%
33868		1	0.1%
34472		1	0.1%
35406		1	0.1%
36272		1	0.1%
36274		1	0.1%
37154		1	0.1%
37752		1	0.1%
37886		1	0.1%
38381		1	0.1%
38533		1	0.1%
40209		1	0.1%
40389		1	0.1%
40936		1	0.1%
41212		1	0.1%
41489		1	0.1%
41687		1	0.1%
41887		1	0.1%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

42334		2	0.2%
42620		1	0.1%
43106		1	0.1%
43196		1	0.1%
43604		1	0.1%
45648		1	0.1%
47457		1	0.1%
49404		1	0.1%
50048		1	0.1%
50652		1	0.1%
54054		1	0.1%
54785		1	0.1%
55919		1	0.1%
56655		1	0.1%
58253		1	0.1%
58418		1	0.1%
58448		1	0.1%
58499		1	0.1%
58884		1	0.1%
59239		1	0.1%
60184		1	0.1%
66116		1	0.1%
66323		1	0.1%
70536		1	0.1%
71375		1	0.1%
72470		1	0.1%
74444		1	0.1%
74585		1	0.1%
78146		1	0.1%
79221		1	0.1%
84395		1	0.1%
85402		1	0.1%
86729		1	0.1%
87943		1	0.1%
87960		1	0.1%
88551		1	0.1%
96680		1	0.1%
96898		1	0.1%
97400		1	0.1%

South Africa - EVOLVE-HBV (Evaluation of Vukuzazi LiVEr disease - Hepatitis B): A retrospective serosurvey of Hepatitis B Virus (HBV) infection, exposure, and vaccine-mediated immunity using archived samples from the Vukuzazi Study (2018-2020).

107936		1	0.1%
109956		1	0.1%
113315		1	0.1%
116132		1	0.1%
116992		1	0.1%
120963		1	0.1%
120986		1	0.1%
127784		1	0.1%
128546		1	0.1%
129542		1	0.1%
146009		1	0.1%
146992		1	0.1%
149202		1	0.1%
150993		1	0.1%
156036		1	0.1%
162977		1	0.1%
167930		1	0.1%
172431		1	0.1%
173764		1	0.1%
186047		1	0.1%
190991		1	0.1%
208126		1	0.1%
224093		1	0.1%
231496		1	0.1%
236335		1	0.1%
239538		1	0.1%
261546		1	0.1%
261854		1	0.1%
269257		1	0.1%
296026		1	0.1%
314794		1	0.1%
330210		1	0.1%
374356		1	0.1%
453783		1	0.1%
467735		1	0.1%
569412		1	0.1%
586079		1	0.1%
594140		1	0.1%
643852		1	0.1%

958358		1	0.1%
4996628		1	0.1%
6715552		1	0.1%
10000001	..	0	
Sysmiss		1096	

VLCAT: Viral load category

Data file: vk_evolve

Overview

Valid: 1104 Invalid: 1096

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<400	818	74.1%
2	>=400	286	25.9%
Sysmiss		1096	

HIVAWARE: Aware of HIV Status

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	837	38%
2		1363	62%

HIVCONTROL: HIV positive on ART and VL <400

Data file: vk_evolve

Overview

Valid: 1100 Invalid: 1100

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	814	74%
2		286	26%
Sysmiss		1100	

HIVONARTSUPP: VL<400 among those who report being on ART

Data file: vk_evolve

Overview

Valid: 798 Invalid: 1402

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	715	89.6%
2		83	10.4%
Sysmiss		1402	

HIVINCARE: HIV positive on ART

Data file: vk_evolve

Overview

Valid: 1100 Invalid: 1100

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%

1	Yes	897	81.5%
2		203	18.5%
Sysmiss		1100	

HIVCASCADE: HIV care cascade status

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	1100	50%
1	Positive and undiagnosed	264	12%
2	Diagnosed not in care	38	1.7%
3	In care, not controlled	83	3.8%
4	Controlled	715	32.5%

TBTXCURRENT: Are you currently on TB treatment?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	8	0.4%
2		2192	99.6%

RECEIVEDTBINJECTIONS: If yes, have you received injections as part of this TB treatment?

Data file: vk_evolve

Overview

Valid: 8 Invalid: 2192

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	12.5%
2		6	75%
3		1	12.5%
Sysmiss		2192	

TBTXEVER: Have you been on TB treatment before?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	288	13.1%
2		1807	82.1%
3		105	4.8%

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

Data file: vk_evolve

Overview

Valid: 288 Invalid: 1912 Minimum: 1 Maximum: 26 Mean: 1.434 Standard deviation: 1.754

Type: Continuous Decimal: 0 Width: 12 Range: 1 - 26 Format: Numeric

AGETBTXEVER: Age at TB treatment

Data file: vk_evolve

Overview

Valid: 130 Invalid: 2070 Minimum: 1 Maximum: 61 Mean: 26.577 Standard deviation: 13.573
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 61 Format: Numeric

LASTTBDATECOMPLETIONTYPE: Do you remember the exact date, or year when you completed your last TB treatment

Data file: vk_evolve

Overview

Valid: 278 Invalid: 1922
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	7	2.5%
2		135	48.6%
3		136	48.9%
Sysmiss		1922	

LASTTBDATECOMPLETIONYEAR: Please select the year of completion of last TB treatment

Data file: vk_evolve

Overview

Valid: 135 Invalid: 2065 Minimum: 1983 Maximum: 2018 Mean: 2008.978 Standard deviation: 7.555
Type: Continuous Decimal: 0 Width: 12 Range: 1983 - 2018 Format: Numeric

REMEMBERAGETBTXEVER: Do you remember how old you were when you had your FIRST diagnosis of TB?

Data file: vk_evolve

Overview

Valid: 0 Invalid: 2200
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
-------	----------

0	No
1	Yes
Sysmiss	

TBINJECTIONSSTARTDATE: When did you start your current treatment for TB?

Data file: vk_evolve

Overview

Valid: 0

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

TBDURATIONSYMPTOMS: Duration of the symptom (weeks)

Data file: vk_evolve

Overview

Valid: 28 Invalid: 2172 Minimum: 1 Maximum: 48 Mean: 6.714 Standard deviation: 12.584

Type: Continuous Decimal: 0 Width: 12 Range: 1 - 48 Format: Numeric

WEEKSAGOTBTXEVER: Ever been on TB treatment weeks ago

Data file: vk_evolve

Overview

Valid: 18 Invalid: 2182

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 10 Format: Numeric

YEARSAGOTBTXEVER: Ever been on TB treatment yearsago

Data file: vk_evolve

Overview

Valid: 80 Invalid: 2120 Minimum: 0 Maximum: 120 Mean: 35.263 Standard deviation: 44.596

Type: Continuous Decimal: 0 Width: 12 Range: 0 - 120 Format: Numeric

LASTTBDATECOMPLETION: Date of completion of last TB treatment

Data file: vk_evolve

Overview

Valid: 0

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

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

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	539	24.5%
2		1485	67.5%
3		176	8%

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

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	52	2.4%
2		1933	87.9%
3		215	9.8%

COUGHCURR: Do you currently have a cough?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	114	5.2%
2		2086	94.8%

COUGHDURATION: If yes, how long have you had the cough

Data file: vk_evolve

Overview

Valid: 114 Invalid: 2086 Minimum: 1 Maximum: 58 Mean: 3.851 Standard deviation: 7.647
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 58 Format: Numeric

COUGHSPUTUM: If yes, do you cough up sputum?

Data file: vk_evolve

Overview

Valid: 114 Invalid: 2086
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	84	73.7%
2		30	26.3%
Sysmiss		2086	

FEVERCURR: Do you have a fever?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	53	2.4%
2		2147	97.6%

FEVERDURATION: If yes, how long have you had a fever?

Data file: vk_evolve

Overview

Valid: 53 Invalid: 2147

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 58 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	34	64.2%
2		7	13.2%
3		2	3.8%
4		2	3.8%
6		1	1.9%
8		3	5.7%
12		2	3.8%
24		1	1.9%
58		1	1.9%
Sysmiss		2147	

NIGHTSWEATSCURR: Do you have drenching night sweats? (Sweating at night that soaks your clothes o

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0	No	0	0%
1	Yes	43	2%
2		2157	98%

NIGHTSWEATSDURATION: How long have you had drenching night sweats?

Data file: vk_evolve

Overview

Valid: 43 Invalid: 2157

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 58 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	7	16.3%
2		13	30.2%
3		2	4.7%
4		6	14%
5		4	9.3%
6		3	7%
8		4	9.3%
12		1	2.3%
40		1	2.3%
48		1	2.3%
58		1	2.3%
Sysmiss		2157	

WEIGHTLOSS6MO: Have you lost weight in the last 6 months?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0	No	0	0%
1	Yes	32	1.5%
2		2168	98.5%

WEIGHTLOSSNUMBER: How much weight have you lost in the last 6 months?

Data file: vk_evolve

Overview

Valid: 31 Invalid: 2169

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 72 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1	3.2%
1	Yes	3	9.7%
2		5	16.1%
3		5	16.1%
4		3	9.7%
5		6	19.4%
6		4	12.9%
8		1	3.2%
9		1	3.2%
17		1	3.2%
72		1	3.2%
Sysmiss		2169	

OTHERSYMPTOMS: Do you have any other symptoms apart from those already mentioned?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%

1	Yes	28	1.3%
2		2172	98.7%

TBSYMPTOM: Any of the four TB symptoms

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	167	7.6%
2		2033	92.4%

TOTALTBSYMPTOM: Total TB symptoms

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	5	0.2%
2		2195	99.8%

CXRSCORE: Cchest X-Ray score

Data file: vk_evolve

Overview

Valid: 2086 Invalid: 114 Minimum: 14 Maximum: 100 Mean: 31.697 Standard deviation: 15.763

Type: Continuous Decimal: 0 Width: 12 Range: 14 - 100 Format: Numeric

REFERREDFORSPUTUM: Triage for sputum collection

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1240	56.4%
2		960	43.6%

SPUTUMTRIED: Attempt to collect sputum

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1229	55.9%
2		971	44.1%

SPUTUMCOLLECTED: Sputum collected

Data file: vk_evolve

Overview

Valid: 1229 Invalid: 971

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%

1	Yes	1101	89.6%
2		128	10.4%
Sysmiss		971	

SPONTSPUTUMOBTAINED: Spontaneous specimen obtained

Data file: vk_evolve

Overview

Valid: 1178 Invalid: 1022

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1050	89.1%
2		128	10.9%
Sysmiss		1022	

SPONTSPUTUMNOTOBTAINED: Reason for not obtaining spontaneous specimen

Data file: vk_evolve

Overview

Valid: 128 Invalid: 2072

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Exempted	0	0%
2	Unable_to_produce	118	92.2%
3	Equipment_malfunctioning	0	0%
4	Unsuccessful_bleed	0	0%
5	Specimen_mislabelling	0	0%
6	Refusal	10	7.8%
7	Other	0	0%
Sysmiss		2072	

INDUCEDSPUTUMOBTAINED: Induced Sputum Obtained

Data file: vk_evolve

Overview

Valid: 109 Invalid: 2091

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	5	4.6%
2		104	95.4%
Sysmiss		2091	

INDUCEDSPUTUMNOTOBTAINED: Reason for not obtaining induced specimen

Data file: vk_evolve

Overview

Valid: 104 Invalid: 2096

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Exempted	0	0%
2	Unable_to_produce	103	99%
3	Equipment_malfunctioning	0	0%
4	Unsuccessful_bleed	0	0%
5	Specimen_mislabelling	0	0%
6	Refusal	1	1%
7	Other	0	0%
Sysmiss		2096	

SPONTTBSPUTUMHOME: Spont TB SputumHome

Data file: vk_evolve

Overview

Valid: 51 Invalid: 2149

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	45	88.2%
2	No	6	11.8%
7	Not Applicable	0	0%
Sysmiss		2149	

INDUCEDTBSPUTUMHOME: Induced TBS putum Home

Data file: vk_evolve

Overview

Valid: 51 Invalid: 2149

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1	2%
2	No	5	9.8%
7	Not Applicable	45	88.2%
Sysmiss		2149	

GENEXPERT: TB GeneXpert Test Result

Data file: vk_evolve

Overview

Valid: 1101 Invalid: 1099

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	MTB Not Detected	1086	98.6%

2	MTB Detected Very Low	5	0.5%
3	MTB Detected Low	5	0.5%
4	MTB Detected Medium	0	0%
5	MTB Detected High	0	0%
6	MTB Detected	0	0%
7		5	0.5%
Sysmiss		1099	

LIQUIDCULTURE: Liquid Culture Result(MGIT)

Data file: vk_evolve

Overview

Valid: 1091 Invalid: 1109

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Negative MTB Not Isolated	993	91%
2	Positive MTB Only(Mycobacterium Tuberculosis isolated)	12	1.1%
3	Positive NTM Only	23	2.1%
4	Culture Contaminated	49	4.5%
5	Positive MTB And Contaminated(Mycobacterium Tuberculosis isolated)	0	0%
6	Positive NTM And contaminated	14	1.3%
7	Positive MTB And Positive NTM(Mycobacterium Tuberculosis isolated)	0	0%
Sysmiss		1109	

RIFAMPICIN: Rifampicin Resistance

Data file: vk_evolve

Overview

Valid: 1101 Invalid: 1099

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Not detected	8	0.7%

1	Detected	1	0.1%
2	Indeterminate	6	0.5%
7	Not applicable	1086	98.6%
Sysmiss		1099	

TTDCULTURE: Time To Detection(days)

Data file: vk_evolve

Overview

Valid: 1091 Invalid: 1109 Minimum: 0 Maximum: 42 Mean: 39.517 Standard deviation: 8.449
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 42 Format: Numeric

TTHCULTURE: Time To Detection(hrs)

Data file: vk_evolve

Overview

Valid: 1091 Invalid: 1109 Minimum: 0 Maximum: 23 Mean: 0.991 Standard deviation: 3.766
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 23 Format: Numeric

SOLIDINCUB: Solid Culture Incubation

Data file: vk_evolve

Overview

Valid: 0 Invalid: 2200
Type: Discrete Decimal: 0 Width: 10 Range: - Format: Numeric

ISONIAZID02: DST Isoniazid_0.2

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188
Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

ISONIAZID10: DST Isoniazid_1.0

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188
Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

RIFAMPICIN10: DST Rifampicin_1.0

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

ETHAMBUTOL75: DST Ethambutol_7.5

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188

Type: Discrete Decimal: 0 Width: 10 Range: 2 - 2 Format: Numeric

STREPTOMYCIN20: DST Streptomycin_2.0

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

OFLOXACIN20: DST Ofloxacin_2.0

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188

Type: Discrete Decimal: 0 Width: 10 Range: 2 - 2 Format: Numeric

KANAMYCIN50: DST Kanamycin_5.0

Data file: vk_evolve

Overview

Valid: 12 Invalid: 2188

Type: Discrete Decimal: 0 Width: 10 Range: 2 - 2 Format: Numeric

TBDIAGMICRO: Bacteriologically confirmed TB

Data file: vk_evolve

Overview

Valid: 1101 Invalid: 1099

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	17	1.5%
2		1084	98.5%
Sysmiss		1099	

TBDIAGMICRORX: Bacteriologically confirmed TB or on treatment

Data file: vk_evolve

Overview

Valid: 1102 Invalid: 1098

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Positive	25	2.3%
2	Negative	1077	97.7%
3	Indeterminate	0	0%
Sysmiss		1098	

TBCASCADE: TB care cascade status

Data file: vk_evolve

Overview

Valid: 2076 Invalid: 124

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No active TB	2051	98.8%
1	Bacteriologically confirmed TB not on treatment	17	0.8%
2	On TB treatment (with/without bact confirm)	8	0.4%
Sysmiss		124	

BPFIRSTSYSTOLIC: BP First Systolic

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 65 Maximum: 221 Mean: 117.64 Standard deviation: 18.733
Type: Continuous Decimal: 0 Width: 12 Range: 65 - 221 Format: Numeric

BPFIRSTDIASTOLIC: BP First Diastolic

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 33 Maximum: 815 Mean: 74.379 Standard deviation: 20.474
Type: Continuous Decimal: 0 Width: 12 Range: 33 - 815 Format: Numeric

BPSECONDSYSTOLIC: BP Second Systolic

Data file: vk_evolve

Overview

Valid: 2197 Invalid: 3 Minimum: 61 Maximum: 222 Mean: 116.517 Standard deviation: 17.87
Type: Continuous Decimal: 0 Width: 12 Range: 61 - 222 Format: Numeric

BPSECONDDIASTOLIC: BP Second Diastolic

Data file: vk_evolve

Overview

Valid: 2198 Invalid: 2 Minimum: 39 Maximum: 147 Mean: 72.933 Standard deviation: 12.469
Type: Continuous Decimal: 0 Width: 12 Range: 39 - 147 Format: Numeric

BPTHIRDSYSTOLIC: BP Third Systolic

Data file: vk_evolve

Overview

Valid: 2198 Invalid: 2 Minimum: 62 Maximum: 222 Mean: 115.461 Standard deviation: 17.66
Type: Continuous Decimal: 0 Width: 12 Range: 62 - 222 Format: Numeric

BPTHIRDDIASTOLIC: BP Third Diastolic

Data file: vk_evolve

Overview

Valid: 2198 Invalid: 2 Minimum: 38 Maximum: 140 Mean: 72.422 Standard deviation: 12.658
Type: Continuous Decimal: 0 Width: 12 Range: 38 - 140 Format: Numeric

BPFORTHSYSTOLIC: BP Forth Systolic

Data file: vk_evolve

Overview

Valid: 19 Invalid: 2181 Minimum: 133 Maximum: 219 Mean: 163.632 Standard deviation: 21.077
Type: Continuous Decimal: 0 Width: 12 Range: 133 - 219 Format: Numeric

BPFORTHDIASTOLIC: BP Forth Diastolic

Data file: vk_evolve

Overview

Valid: 0 Invalid: 2200
Type: Discrete Decimal: 0 Width: 12 Range: - Format: Numeric

MEANDIABP: Mean diastolic BP (2nd & 3rd)

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 38 Maximum: 143 Mean: 72.455 Standard deviation: 11.695
Type: Continuous Decimal: 0 Width: 12 Range: 38 - 143 Format: Numeric

MEANSYSBP: Mean systolic BP (2nd & 3rd)

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 69 Maximum: 222 Mean: 115.722 Standard deviation: 17.185
Type: Continuous Decimal: 0 Width: 12 Range: 69 - 222 Format: Numeric

BPMEASUREDEVER: Have you ever had your blood pressure measured by a doctor or other health worke

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1247	56.7%
2		953	43.3%

HIGHBPINFORMEDEVER: Have you ever been told by a doctor or other health worker that you have raised

Data file: vk_evolve

Overview

Valid: 1532 Invalid: 668

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	289	18.9%
2		1243	81.1%
Sysmiss		668	

HIGHBPINFORMED12MO: Have you been told in the past 12 months?

Data file: vk_evolve

Overview

Valid: 1002 Invalid: 1198

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	220	22%
2		782	78%
Sysmiss		1198	

HIGHBPCONSULT6MO: In the past 6 months, have you seen a doctor or other health care worker about y

Data file: vk_evolve

Overview

Valid: 1002 Invalid: 1198

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	206	20.6%
2		796	79.4%
Sysmiss		1198	

HIGHBPTX2WKS: In the past two weeks, have you taken any drugs (medication) for raised blood pr

Data file: vk_evolve

Overview

Valid: 1002 Invalid: 1198

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	199	19.9%
2		803	80.1%
Sysmiss		1198	

HIGHBPCONSULTHEALER: Have you ever seen a traditional healer for raised blood pressure or hypertensio

Data file: vk_evolve

Overview

Valid: 2081 Invalid: 119

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	26	1.2%
2		2055	98.8%
Sysmiss		119	

HIGHBPHERBALCURR: Are you currently taking any herbal or traditional remedy for your raised blood

Data file: vk_evolve

Overview

Valid: 875 Invalid: 1325

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	4	0.5%
2		871	99.5%
Sysmiss		1325	

BPSTEPSGROUP: WHO STEPS BP group

Data file: vk_evolve

Overview

Valid: 2195 Invalid: 5

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Normal	1197	54.5%
2	Pre-hypertension	763	34.8%
3	Hypertension stage 1	173	7.9%

4	Hypertension stage 2	62	2.8%
Sysmiss		5	

BPCONTROL: BP controlled with medication

Data file: vk_evolve

Overview

Valid: 365 Invalid: 1835

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	49	13.4%
2		316	86.6%
Sysmiss		1835	

BPAWARE: Told had raised BP by health care worker in last 12 months

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	264	12%
2		1936	88%

BPINCARE: Seen health care worker in last 6m for raised BP

Data file: vk_evolve

Overview

Valid: 1533 Invalid: 667

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	223	14.5%
2		1310	85.5%
Sysmiss		667	

BPRX2WK: Taken medication for raised BP in past 2 wks medication for raised BP in past 2

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	199	9%
2		2001	91%

BIPHERBALRX: Taking herbal medication for raised BP

Data file: vk_evolve

Overview

Valid: 2068 Invalid: 132

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	4	0.2%
2		2064	99.8%
Sysmiss		132	

HTNDIAG: Hypertension diagnosis (primary defn)

Data file: vk_evolve

Overview

Valid: 2195 Invalid: 5
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	365	16.6%
2		1830	83.4%
Sysmiss		5	

HTNCASCADE: Hypertension care cascade status

Data file: vk_evolve

Overview

Valid: 2195 Invalid: 5
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No HTN or pre-HTN	1830	83.4%
1	HTN not in care	160	7.3%
2	HTN in care but not controlled	75	3.4%
3	HTN controlled	130	5.9%
Sysmiss		5	

BSUGARMEASUREDEVER: Have you ever had your blood sugar measured by a doctor or other health worker?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	419	19%
2		1781	81%

HIGHBSUGARINFORMEDEVER: Have you ever been told by a doctor or other health worker that you have raised

Data file: vk_evolve

Overview

Valid: 1092 Invalid: 1108

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	51	4.7%
2		1041	95.3%
Sysmiss		1108	

HIGHBSUGARINFORMED12MO: Have you been told in the past 12 months?

Data file: vk_evolve

Overview

Valid: 872 Invalid: 1328

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	49	5.6%
2		823	94.4%
Sysmiss		1328	

HIGHBSUGARCONSULT6MO: In the past 6 months, have you seen a doctor or other health care worker about y

Data file: vk_evolve

Overview

Valid: 871 Invalid: 1329

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	45	5.2%
2		826	94.8%
Sysmiss		1329	

HIGHBSUGARTX2WKS: In the past two weeks, have you taken any drugs (medication) for diabetes prescr

Data file: vk_evolve

Overview

Valid: 871 Invalid: 1329

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	46	5.3%
2		825	94.7%
Sysmiss		1329	

INSULINTXCURR: Are you currently taking insulin for diabetes prescribed by a doctor or other he

Data file: vk_evolve

Overview

Valid: 871 Invalid: 1329

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	9	1%
2		862	99%
Sysmiss		1329	

HIGHBSUGARCONSULTHEALER: Have you ever seen a traditional healer for diabetes or raised blood sugar?

Data file: vk_evolve

Overview

Valid: 2063 Invalid: 137

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	0%
2		2062	100%
Sysmiss		137	

HIGHBSUGARHERBALCURR: Are you currently taking any herbal or traditional remedy for your diabetes?

Data file: vk_evolve

Overview

Valid: 840 Invalid: 1360

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	2	0.2%

2		838	99.8%
Sysmiss		1360	

HBA1CPERCENTCAT: Haemoglobin level

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Raised	124	5.6%
2	Normal	2075	94.4%
Sysmiss		1	

DMAWARE: Told had raised blood sugar by health care worker in last 12m

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	60	2.7%
2		2140	97.3%

DMDIAG: Diabetes diagnosis (primary definition)

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	136	6.2%
2		2063	93.8%
Sysmiss		1	

DMCONTROL: Diabetes controlled with medication

Data file: vk_evolve

Overview

Valid: 136 Invalid: 2064

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	12	8.8%
2		124	91.2%
Sysmiss		2064	

DMINCARE: Seen health care worker in last 6m for raised blood suga

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	46	2.1%
2		2154	97.9%

DMRX2WK: Taken medication (non-insulin) for raised blood sugar in past 2 wks

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	46	2.1%
2		2154	97.9%

DMINSULIN: Currently taking insulin for diabetes

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	9	0.4%
2		2191	99.6%

CHOLESTMEASUREDEVER: Have you ever had your cholesterol (fat levels in your blood) measured by a doct

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	23	1%
2		2177	99%

HIGHCHOLESTINFORMEDEVER: Have you ever been told by a doctor or other health worker that you have raised

Data file: vk_evolve

Overview

Valid: 848 Invalid: 1352

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	0.1%
2		847	99.9%
Sysmiss		1352	

HIGHCHOLESTINFORMED12MO: Have you been told in the past 12 months?

Data file: vk_evolve

Overview

Valid: 838 Invalid: 1362

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	4	0.5%
2		834	99.5%
Sysmiss		1362	

HIGHCHOLESTTX2WKS: In the past two weeks, have you taken any oral treatment (medication) for raised

Data file: vk_evolve

Overview

Valid: 838 Invalid: 1362

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	2	0.2%
2		836	99.8%
Sysmiss		1362	

DMCASCADE: Diabetes care cascade status

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No DM or pre-DM only	2063	93.8%
1	DM not in care	117	5.3%
2	DM in care but not controlled	7	0.3%
3	DM controlled	12	0.5%
Sysmiss		1	

HIGHCHOLESTCONSULTHEALER: Have you ever seen a traditional healer for raised cholesterol?

Data file: vk_evolve

Overview

Valid: 2059 Invalid: 141

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	3	0.1%
2		2056	99.9%
Sysmiss		141	

HIGHCHOLESTHERBALCURR: Are you currently taking any herbal or traditional remedy for your raised choles

Data file: vk_evolve

Overview

Valid: 837 Invalid: 1363

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	0	0%
2		837	100%
Sysmiss		1363	

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

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	16	0.7%

2		2184	99.3%
---	--	------	-------

HEARTATTACKASPIRINTXCURR: Are you currently taking aspirin regularly to prevent or treat heart disease?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	12	0.5%
2		2188	99.5%

HEARTATTACKSTATINSTXCURR: Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any oth

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	6	0.3%
2		2194	99.7%

PARENTHISTHEARTATTACK: Did your mother or father have a heart attack before the age of 60?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	16	0.7%
2		1919	87.2%
3		265	12%

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

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	40	1.8%
2		2160	98.2%

STROKEASPIRINTXCURR: Are you currently taking aspirin regularly to prevent a stroke?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	13	0.6%
2		2187	99.4%

STATINSSTROKETXCURR: Are you currently taking statins (Lovastatin/Simvastatin/Atorvastatin or any oth

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	5	0.2%
2		2195	99.8%

PARENTHISTSTROKE: Did your mother or father have a stroke before the age of 60?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	37	1.7%
2		1890	85.9%
3		273	12.4%

CANCERTXEVEVER: Have you been treated for cancer before?

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	6	0.3%
2		2194	99.7%

CANCERTYPE: Which cancer?

Data file: vk_evolve

Overview

Valid: 7 Invalid: 0

Type: Discrete Width: 15 Range: - Format: character

BPREFERALLFU: Blood Pressure referral follow up

Data file: vk_evolve

Overview

Valid: 92 Invalid: 2108

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	31	33.7%
2		61	66.3%
Sysmiss		2108	

DIABETESREFERALLFU: Diabetes referral follo

Data file: vk_evolve

Overview

Valid: 86 Invalid: 2114

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	0%

1	Yes	50	58.1%
2		35	40.7%
3		1	1.2%
Sysmiss		2114	

FUGLUCOSERESULT: Follow up Glucose Result

Data file: vk_evolve

Overview

Valid: 85 Invalid: 2115 Minimum: 4 Maximum: 25 Mean: 8.565 Standard deviation: 4.666
Type: Continuous Decimal: 0 Width: 12 Range: 4 - 25 Format: Numeric

FUDIABETESDIAGNOSIS: Follow up Diabetes Diagnosis

Data file: vk_evolve

Overview

Valid: 85 Invalid: 2115
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Diabetes	24	28.2%
2	At risk of diabetes	52	61.2%
3	Not Diabetestes	9	10.6%
4	More information needed	0	0%
Sysmiss		2115	

FUDIABETESCLINICDATE: Follow up Diabetes Clinic Date

Data file: vk_evolve

Overview

Valid: 0 Invalid: 2200
Type: Discrete Decimal: 0 Width: 12 Range: - Format: Numeric

FUDIASTOLICBP: Follow up Diastolic BP

Data file: vk_evolve

Overview

Valid: 77 Invalid: 2123 Minimum: 62 Maximum: 112 Mean: 84.961 Standard deviation: 12.158
Type: Continuous Decimal: 0 Width: 12 Range: 62 - 112 Format: Numeric

FUBPDIAGNOSIS: UFollow up BP Diagnosis

Data file: vk_evolve

Overview

Valid: 77 Invalid: 2123
Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Normal blood pressure	41	53.2%
2	Mildly raised blood pressure	16	20.8%
3	Moderately raised blood pressure	16	20.8%
4	High blood pressure	2	2.6%
5	Severely raised blood pressure	2	2.6%
Sysmiss		2123	

HBA1C: HBA1c

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 20 Maximum: 169 Mean: 38.506 Standard deviation: 9.282
Type: Continuous Decimal: 0 Width: 10 Range: 20 - 169 Format: Numeric

HBA1CPERCENT: Hemoglobin percent

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1 Minimum: 4 Maximum: 17.6 Mean: 5.675 Standard deviation: 0.851
Type: Continuous Decimal: 0 Width: 10 Range: 4 - 17.6 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
101	..

AGE: RECODE of AgeAtEnrolmentCat (Age category at enrolment)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 9 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<25	1015	46.1%
2	25-44	606	27.5%
3	45-64	457	20.8%
4	65+	122	5.5%

M_STATUS: RECODE of MaritalStatus (Marital status of the individual during this episode)

Data file: vk_evolve

Overview

Valid: 1813 Invalid: 387
Type: Discrete Decimal: 0 Width: 18 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Not married	544	30%
2	Married	235	13%
3	Previously married	106	5.8%
4	Informal union	928	51.2%
Sysmiss		387	

SMOKING_ADVICE: RECODE of StopSmokingAdvice12mo (During any visit to a doctor or other health wo

Data file: vk_evolve

Overview

Valid: 221 Invalid: 1979
Type: Discrete Decimal: 0 Width: 9 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	16	7.2%
2	No	205	92.8%
Sysmiss		1979	

EDU_CAT: RECODE of Education (Education status of individual during this episode)

Data file: vk_evolve

Overview

Valid: 2191 Invalid: 9

Type: Discrete Decimal: 0 Width: 14 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	None	653	29.8%
2	Upto primary	238	10.9%
3	Some secondary	586	26.7%
4	Matric	639	29.2%
5	Tertiary	75	3.4%
Sysmiss		9	

ISURBANORRURAL: Is urban or rural

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Default	0	0%
2	Peri-Urban	767	34.9%
3	Rural	1316	59.8%

4	Urban	117	5.3%
99	Unknown	0	0%

EDUC_HSE:

Data file: vk_evolve

Overview

Valid: 2195 Invalid: 0
Type: Discrete Width: 18 Range: - Format: character

EDUC_SOCDEM:

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 0
Type: Discrete Width: 9 Range: - Format: character

ENTRYDATE:

Data file: vk_evolve

Overview

Valid: 2200 Minimum: 2018-06-01 Maximum: 2020-03-13
Type: Discrete Width: 11 Range: - Format: character

EXITDATE:

Data file: vk_evolve

Overview

Valid: 2200 Minimum: 2018-11-07 Maximum: 2022-02-01
Type: Discrete Width: 11 Range: - Format: character

DWT: Design weight (prob of selection)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 1 Maximum: 39.68 Mean: 8.158 Standard deviation: 7.568
Type: Continuous Decimal: 0 Width: 9 Range: 1 - 39.6800003051758 Format: Numeric

EDUC_NUM:

Data file: vk_evolve

Overview

Valid: 2199 Invalid: 1

Type: Discrete Decimal: 0 Width: 9 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	None	120	5.5%
2	Primary	302	13.7%
3	Secondary	1407	64%
4	Tertiary	370	16.8%
Sysmiss		1	

HBSAG_CLEAN:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

HBSAB_CLEAN:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

ANTIHB_C_CLEAN:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0

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

MISS_HBSAG:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 8 Range: 0 - 0 Format: Numeric

MISS_HBSAB:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 8 Range: 0 - 0 Format: Numeric

MISS_AHBC:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 8 Range: 0 - 0 Format: Numeric

HBSAB_RESULT_CLEAN:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Width: 9 Range: - Format: character

HBSAB_OP: anti-HBs censoring flag

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 18 Range: -1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	< (left-censored)	0	0%
0	exact	2073	94.2%
1	> (right-censored)	127	5.8%

HBSAB_NUM: anti-HBs (mIU/mL), numeric (raw parsed)

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 0 Maximum: 1000 Mean: 110.139 Standard deviation: 260.889
Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1000 Format: Numeric

HBSAB_GE10: anti-HBs ≥10 mIU/mL

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0
Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1384	62.9%
1	Yes	816	37.1%

OBS:

Data file: vk_evolve

Overview

Valid: 2200 Invalid: 0 Minimum: 1 Maximum: 2200 Mean: 1100.5 Standard deviation: 635.23
Type: Continuous Decimal: 0 Width: 12 Range: 1 - 2200 Format: Numeric

Download related resources

Technical documents

DDI:EVOLVE HBV

Title	DDI:EVOLVE HBV
Author(s)	Nompumelelo Mkwanazi
Date	2026-07-14
Country	South Africa
Language	English
Publisher(s)	Nompumelelo Mkwanazi
Filename	EVOLVE HBV.pdf
