

**General Population Cohort**  
**R22 Adult Medical Survey Data Dictionary**  
**27th/01/24**

Variable name	Description	Format	Codes/Ranges	Notes
<b>Personal Identifier Information</b>				
cons	Consent obtained	integer	1= Yes 2= No	
intcode	Interviewer name and code no	numeric		
ddexam	Date of interview- day	date		
mdexam	Date of interview- month	date		
ydexam	Date of interview- year	date		
vno	Village number	numeric		
hno	Household number	numeric		
gpsno	Location number	numeric		
namec	Participant name	text		Unique personal identifier (Not to be shared)
idno	Participant's identification number	numeric		
sex	Sex of participant	integer	1= Male 2= Female	
dob	Date of birth	date		
age	Age of participant	numeric		
rvname	Revised name	text		Unique personal identifier (Not to be shared)
ddob	Revised date of birth- day	date	Range 1-31	
mdob	Revised date of birth- month	date	Range 1-12	
ydob	Revised date of birth- year	date		
ager	Revised age	numeric		
remarks	Remarks	text		
<b>Education, Occupation and Livelihood</b>				
psch	Are you in full-time education	integer	1= Yes 2= No 3= Don't know	
fted	What level of education	integer	1= Pre-primary school 2= Primary school 3= Secondary school 4= Higher education 5= Vocational college	
occup1	What is your source of livelihood occupation 1:	integer	For code refer to appendix sno:A1	
occup2	What is your source of livelihood occupation 2:	integer	For code refer to appendix sno:A1	
occup3	What is your source of livelihood occupation 3:	integer	For code refer to appendix sno:A1	
occup4	What is your source of livelihood occupation 4:	integer	For code refer to appendix sno:A1	
occup5	What is your source of livelihood occupation 5:	integer	For code refer to appendix sno:A1	
occupsp	Other occupation please specify	text		
lev	What level of education are you at or did you reach	integer	For code refer to appendix sno:A2	
<b>Marital Status- for male participants</b>				
evm	Have you ever been married	integer	1= Yes 2= No 3= Don't know	
agemg	How old were you when you first got married	integer		
whs1	Name of spouse	text		Unique personal identifier (Not to be shared)
starea1	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno1	Identification number	numeric		
vno1	Village number	numeric		

nstarea1	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun1	Year of union	numeric		
tun1	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun1	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun1	If union ended, state year	numeric		
ssxo1	Last sex with this spouse was how many months ago	numeric		
whs2	Name of spouse	text		Unique personal identifier (Not to be shared)
starea2	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno2	Identification number	numeric		
vno2	Village number	numeric		
nstarea2	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun2	Year of union	numeric		
tun2	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun2	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun2	If union ended, state year	numeric		
ssxo2	Last sex with this spouse was how many months ago	numeric		
whs3	Name of spouse	text		Unique personal identifier (Not to be shared)
starea3	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno3	Identification number	numeric		
vno3	Village number	numeric		
nstarea3	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun3	Year of union	numeric		

tun3	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun3	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun3	If union ended, state year	numeric		
ssxo3	Last sex with this spouse was how many months ago	numeric		
whs4	Name of spouse	text		Unique personal identifier (Not to be shared)
starea4	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno4	Identification number	numeric		
vno4	Village number	numeric		
nstarea4	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun4	Year of union	numeric		
tun4	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun4	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun4	If union ended, state year	numeric		
ssxo4	Last sex with this spouse was how many months ago	numeric		
whs5	Name of spouse	text		Unique personal identifier (Not to be shared)
starea5	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno5	Identification number	numeric		
vno5	Village number	numeric		
nstarea5	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun5	Year of union	numeric		
tun5	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun5	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun5	If union ended, state year	numeric		

ssxo5	Last sex with this spouse was how many months ago	numeric		
<b>Marital Status- for female participants</b>				
evm	Have you ever been married	integer	1= Yes 2= No	
agemg	How old were you when you first got married	integer		
whs1	Name of spouse	text		Unique personal identifier (Not to be shared)
starea1	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno1	Identification number	numeric		
vno1	Village number	numeric		
nstarea1	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun1	Year of union	numeric		
tun1	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun1	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun1	If union ended, state year	numeric		
ssxo1	Last sex with this spouse was how many months ago	numeric		
whs2	Name of spouse	text		Unique personal identifier (Not to be shared)
starea2	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno2	Identification number	numeric		
vno2	Village number	numeric		
nstarea2	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun2	Year of union	numeric		
tun2	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun2	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun2	If union ended, state year	numeric		
ssxo2	Last sex with this spouse was how many months ago	numeric		
whs3	Name of spouse	text		Unique personal identifier (Not to be shared)

starea3	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno3	Identification number	numeric		
vno3	Village number	numeric		
nstarea3	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun3	Year of union	numeric		
tun3	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun3	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun3	If union ended, state year	numeric		
ssxo3	Last sex with this spouse was how many months ago	numeric		
whs4	Name of spouse	text		Unique personal identifier (Not to be shared)
starea4	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno4	Identification number	numeric		
vno4	Village number	numeric		
nstarea4	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun4	Year of union	numeric		
tun4	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun4	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun4	If union ended, state year	numeric		
ssxo4	Last sex with this spouse was how many months ago	numeric		
whs5	Name of spouse	text		Unique personal identifier (Not to be shared)
starea5	Spouse from study area	integer	1= Yes 2= No 3= Don't know	
idno5	Identification number	numeric		
vno5	Village number	numeric		

nstarea5	Spouse from outside study area	integer	91= Within Kalungu district 92= Lukaya 93= Masaka town 94= Kampala 95= Other urban/capital 96= Other rural district 97= Out of the country 99= Not know	
yun5	Year of union	numeric		
tun5	Type of union	integer	1= Informal 2= Kwanjula 3= Religious ceremony 4= Civil ceremony with legal certificate 5= Other	
stun5	Current status of union	integer	1= Still married 2= Separated or divorced 3= Spouse died 4= Other	
endun5	If union ended, state year	numeric		
ssxo5	Last sex with this spouse was how many months ago	numeric		
husbonly	Does your husband have another wife or other wives	integer	1= Yes 2= No 3= Don't know	
whs	How many wives does your husband have now	numeric		
<b>Sexual Behaviour- For all participants</b>				
agesx	How old were you when you first had sex	numeric		88= Can't remember 99= Never had sex 98= Refused to answer
lstsexd	When was the last time you had sex in days	numeric	Range 1-7	
lstsexw	State the number of weeks ago when you last had sex	numeric	Range 1-4	
lstsexm	State the number of months ago when you last had sex	numeric	Range 1-12	
lstsexy	State the number of years ago when you last had sex	numeric		
cmp	Do you have a current main partner	integer	1= Yes 2= No 8= Don't know 98= Refused to answer	
cpd	Is your current main partner with whom you last had sex	integer	1= Yes 2= No 8= Don't know 98= Refused to answer	
spever	In total, how many different people have you had sex with in your lifetime	numeric		
spyr	How many people have you had sex	numeric		99= none
wcsyr	Have you had sex with a casual partner in the last 12 months	integer	1= Yes 2= No 3= Don't know	
lcon2	The last time, did you or your partner use a condom	integer	1= Yes 2= No 3= Refused to answer 8= Don't remember	
<b>Pregnacy and childbirth - for all female participants aged 13-49</b>				
pregyr	In the past 12 months, have you become pregnant	integer	1= Yes 2= No 3= Don't know 4= Not applicable	
ancp	Did you attend antenatal clinic	integer	1= Yes 2= No 3= Don't know 4= Not applicable	

wancp	Where were/are you attending antenatal clinic	integer	1= MRC Clinic 2= Kyamulibwa Health Centre 3= Kalungu Health Centre 4= Villa Maria Hospital 5= Kitovu Hospital 6= Masaka Hospital 7= Kasambya Dispensary 8= Kabaale Dispensary 9= Private Clinic 10= Injectionist 11= Other 12= Munene Health Centre 13= Kigasa Health Centre	
preyr1	What was the outcome of the pregnancy	integer	1= Still pregnant 2= Interruption of pregnancy 3= Stillbirth 4= Livebirth	
<b>If pregnancy= interrupted</b>				
ddint	When did the pregnancy interruptions occur-day	numeric	Range 1-31	
mdint	When did the pregnancy interruptions occur-month	numeric	Range 1-12	
ydint	When did the pregnancy interruptions occur-year	numeric		
<b>if pregnancy= Stillbirth</b>				
ddstill	When did the still birth occur- day	Numeric	Range 1-31	
mdstill	When did the still birth occur- month	numeric	Range 1-12	
ydstill	When did the still birth occur- year	numeric		
<b>If Pregnancy= Livebirth</b>				
ddlive	When was the baby born- day	numeric	Range 1-31	
mdlive	When was the baby born- month	numeric	Range 1-12	
ydlive	When was the baby born- year	numeric		
premnt	For how many months have you been pregnant	numeric		
premncom	Comment	text		
calive	Is the child born alive, still alive	integer	1= Yes 2= No 3= Don't know	
nch1	Write the names of child	text		Unique personal identifier (Not to be shared)
nch2	Write the names of child	text		Unique personal identifier (Not to be shared)
cidno1	Child identification number	numeric		
cidno2	Child identification number	numeric		
cdie	How long after birth did the child die	integer	1= Less than 1 month after birth 2= more than 1 month after birth	
<b>Health- for all participants</b>				
<b>Tobacco use</b>				
tobac1	Do you currently smoke any tobacco products	integer	1= Yes 2= No	
tobac2	Do you currently smoke tobacco products daily	integer	1= Yes 2= No	
tobac3	In the past, did you ever smoke daily	integer	1= Yes 2= No	
tobac4	How old were you when you first started smoking daily	numeric		

tobac5	How long ago did you stop smoking daily	integer	1= Less than 4 weeks ago 2= More than 1 month but less than 12 months ago 3= More than one year, but less than 5 years ago 4= More than 5 years ago 8= Don't know	
<b>Alcohol Consumption</b>				
alc1	Have you ever consumed an alcoholic drink	integer	1= Yes 2= No	
alc2	Have you consumed an alcoholic drink within the past 12 months	integer	1= Yes 2= No	
alc3d	During the past 12 months, how frequently have you had one alcoholic drink per day	numeric		
alc3w	During the past 12 months, how frequently have you had one alcoholic drink per week	numeric		
alc3m	During the past 12 months, how frequently have you had one alcoholic drink per month	numeric		
alc3y	During the past 12 months, how frequently have you had one alcoholic drink in the last 12 months	numeric		
alc4	Have you consumed an alcoholic drink within the past 30 days	integer	1= Yes 2= No	
alc5	During the past 30 days, on how many occasions did you have at least one alcoholic drink	numeric		
alc6	When was the last time you had an alcoholic drink	integer	1= Today 2= Yesterday 3= Between 3 and 7 days ago 4= Between 8 and 30 days ago	
<b>Diet</b>				
diet1	In a typical week, on how many days do you eat fruits	numeric		
diet2	How many servings of fruit do you eat on one of these days	numeric		
diet3	In a typical week, on how many days do you eat vegetables	numeric		
diet4	How many servings of vegetables do you eat on one of those days	numeric		
diet5	In a typical week, on how many days do you eat starchy staples	numeric		
diet6	How many servings of starchy staples do you eat on one of those days	numeric		
diet10	In a typical week, on how many days do you eat matooke	numeric		
diet11	How many servings of matooke do you eat on one of those days	numeric		
diet12	What type of oil is the most often used for food preparation in the household	integer	1= Vegetable oil 2= Animal fat 3= Butter 4= Margarine 5= Other 6= None in particular 7= None used 88= Don't know	
diet7	When did you last eat anything	numeric		
diet8	When did you last drink anything, except water	numeric		
diet9	Can you estimate the number of teaspoons of salt added to your food during cooking	numeric		



<b>Physical activity - work</b>				
phys1	Does your work involve activity that causes large increases in breathing	integer	1= Yes 2= No	
phys2	In a typical week, on how many days do you do these activities as part of your work	numeric		
phys3	How much time do you spend doing those activities at work on a typical day	numeric		
<b>Physical activity - Travel to and from places</b>				
phys4	Do you walk or use a bicycle for atleast 10 minutes continuously to get to and from places	integer	1= Yes 2= No	
phys5	In a typical week, on how many days do you walk or cyle for atleast 10 minutes continuously to get to and from places	numeric		
phys6	How much time do you spend walking or cycling for travel on a typical day	numeric		
phys7	Do you do any sports, fitness activities that cause large increases in breathing or heart rate	integer	1= Yes 2= No	
phys8	In a typical week, on how many days do you do sports activities	numeric		
phys9	How much time do you spend doing sports activities on a typical day	numeric		
<b>History of raised blood pressure</b>				
hbp1	Have you ever had your blood pressure measured by a professional health worker	integer	1= Yes 2= No	
hbp2	Have you ever been told by a professional health worker that you have hypertension	integer	1= Yes 2= No	
hbp3	Have you been told in the past 12 months that you have hypertension	integer	1= Yes 2= No	
hbp4	During the past two weeks, have you been treated for hypertension with drugs	integer	1= Yes 2= No	
<b>History of diabetes</b>				
hd1	Have you ever had your blood sugar measured by a professional	integer	1= Yes 2= No	
hd2	Have you ever been told by a professional that you have diabetes	integer	1= Yes 2= No	
hd3	Have you been told in the past 12 months that you have diabetes	integer	1= Yes 2= No	
hd4	Today, have you taken insulin tor any other drugs that have prescribed by a professional for diabetes	integer	1= Yes 2= No	
<b>History of high cholesterol</b>				
cholm	Have you ever had your cholesterol measured by a professional	integer	1= Yes 2= No	
chold	Have you ever been told by a professional that you have high cholestero	integer	1= Yes 2= No	
hchol	Have you been told in the past 12 months that you have high cholesterol	integer	1= Yes 2= No	
choltr	During the past two weeks, have you been treated for high cholesterol with drugs	integer	1= Yes 2= No	

History of immunisation					
bcg	Has the child received bcg vaccination	integer	1= Received Not received Don't know	2= 8=	
opv0	Has the child received opv0 vaccination	integer	1= Received Not received Don't know	2= 8=	OVP= oral polio vaccine
opv1	Has the child received opv1 vaccination	integer	1= Received 2= Not received Don't know	8=	OVP= oral polio vaccine
opv2	Has the child received opv2 vaccination	integer	1= Received 2= Not received 8= Don't know		OVP= oral polio vaccine
opv3	Has the child received opv3 vaccination	integer	1= Received Not received Don't know	2= 8=	OVP= oral polio vaccine
measles	Has the child received measles vaccination	integer	1= Received Not received Don't know	2= 8=	
dpt1	Has the child received dpt1 vaccination	integer	1= Received 2= Not received Don't know	8=	DPT = combined diphtheria, pertussis and tetanus vaccine
dpt2	Has the child received dpt2 vaccination	integer	1= Received Not received Don't know	2= 8=	DPT = combined diphtheria, pertussis and tetanus vaccine
dpt3	Has the child received dpt3 vaccination	integer	1= Received Not received Don't know	2= 8=	DPT = combined diphtheria, pertussis and tetanus vaccine
immtb	Has the child received TB vaccination	integer	1= Received Not received Don't know	2= 8=	
immhb	Has the child received Hepatitis B vaccination	integer	1= Received Not received Don't know	2= 8=	
immtet	Has the child received Tetanus(3 dose course) vaccination	integer	1= Received 2= Not received 8= Don't know		
immtetb	Has the child received Tetanus (boosters) vaccination	integer	1= Received 2= Not received 8= Don't know		
immr	Has the child received Rabies vaccination	integer	1= Received Not received Don't know	2= 8=	
immo	Has the child received any other vaccination	integer	1= Received Not received Don't know	2= 8=	
immosp	Other vaccination received, specify	text			
card	Immunisation card seen	integer	1= Yes No	2=	
bcgs	BCG scar seen	integer	1= Yes No	2=	
Physical Measurements					
consphys	Consent obtained for physical measurements	integer	1= Yes No	2=	
<b>Blood pressure(mm Hg) and pulse</b>					
bpt	Time blood pressure taken	time			
bparm	Blood pressure measured on right arm	integer	1= Yes No	2=	
reasnarm	If no, and left arm used, state reason why	text			
ac	Arm circumference (cm)	numeric	Range 1-52		888= not done
cuff	Cuff size used	integer	1= Small 2= Regular 3= Large		
syst1	1st systolic blood pressure (mmHg)	numeric	Range 62-240		888= not done
diast1	1st diastolic blood pressure (mmHg)	numeric	Range 40-190		888= not done
pls1	1st pulse measurement (bpm)	numeric	Range 35-160		888= not done
syst2	2nd systolic blood pressure (mmHg)	numeric	Range 62-240		888= not done

diast2	2nd diastolic blood pressure (mmHg)	numeric	Range 40-190	888= not done
pls2	2nd pulse measurement (bpm)	numeric	Range 35-160	888= not done
syst3	3rd systolic blood pressure (mmHg)	numeric	Range 62-240	888= not done
diast3	3rd diastolic blood pressure (mmHg)	numeric	Range 40-190	888= not done
pls3	3rd pulse measurement (bpm)	numeric	Range 35-160	888= not done
avgsyst	Average of 2nd and 3rd systolic (mmHg)	numeric	Range 62-240	888= not done
distavg	Average of 2nd and 3rd diastolic (mmHg)	numeric	Range 40-190	888= not done
plsavg	Average of 2nd and 3rd pulse (bpm)	numeric	Range 35-160	888= not done
bpcom	Blood pressure comment	text		
<b>Anthropometry</b>				
ht	Height (cm)	numeric	Range 126-192	888= not done
htcom	Height comment	text		
wt	Weight (kg)	numeric	Range 31-145	888= not done
wc1	Waist circumference(cm)	numeric		
wc2	Waist circumference(cm)	numeric		
wc3	Waist circumference(cm)	numeric		
hc1	Hips circumference(cm)	numeric		
hc2	Hips circumference(cm)	numeric		
hc3	Hips circumference(cm)	numeric		
wchccom	Comment	text		
<b>Blood sample</b>				
consbld	Consent obtained for taking blood for screening HIV, Hepatitis B & C, diabetes, cholesterol, liver function and for gene sequencing	integer	1=Yes                    2=No	
vac	8.5ml with plain serum	integer	1= Specimen obtained 2= Specimen to be obtained later 7= Refused 9= Failed	
edta	6ml with edta	integer	1= Specimen obtained 2= Specimen to be obtained later 7= Refused 9= Failed	
dintcode	Interviewer code of the person taking blood sample	numeric		
labno	Laboratory number	numeric		
stm	Medical status	integer	1=Interviewed, measurements taken, and bled                    2= Absent                    3= Interviewed, measurements taken , but not yet bled 4= Interviewed, measurements not taken, not yet bled                    5= Interviewed, measurements taken, but not bled 7= Refused                    8= Re-survey                    9= Dead                    10= Not interviewed but bled 12= Study participant interviewed                    13= Study participant refused to be interviewed                    15= Only bled(Mentally disturbed)	
kvct	Would you like to know the result of this HIV test	integer	1= Yes 2= No 8=Don't know	
hepres	Would you like to know your hepatitis B and C results	integer	1= Yes 2= No 8=Don't know	

dclres	Would you like to know your results for possible diabetes, high cholesterol and liver function	integer	1= Yes 2= No 8=Don't know	
conbldg	Consent obtained for taking blood for future use and storage of blood samples	integer	1= Yes 2= No	