

NCD data specification: ALPHA spec 11.1: One record per survey interview

Variable name	Description	Coding	Notes
idno	Person ID number	site specific	Numeric IDs long integer format, unique for an individual
study_name	Name of your study field site	string	Character – please be consistent across data sets
survey_date	Date data was collected in the specific survey	In Stata date format	
survey_name	Name of survey. E.g sage_rd1, sage_rd2 for Agincourt, w_health_surv for Africa Centre, ncd_surv for Karonga	Site specific	
survey_round_scope	Was this a special study or population based?	1 Population based, all eligible 2 special study, representative sample 3 special study, non-representative sample	

weight_kg	To the nearest decimal points.	444.4 refusal 888.8 not asked 999.9 asked but missing	
pregnant	Woman is currently pregnant (at time of being weighed)	1 yes 2 no 3 participant doesn't know 4 refused to answer 8 not asked 9 asked but missing	
height_cm	To the nearest decimal point	444.4 refusal 888.8 not asked 999.9 asked but missing	
hip_cm	To the nearest decimal point	444.4 refusal 888.8 not asked 999.9 asked but missing	
waist_cm	To the nearest decimal point	444.4 refusal 888.8 not asked 999.9 asked but missing	
muac_cm	To the nearest decimal point	444.4 refusal 888.8 not asked 999.9 asked but missing	

dia_bp1	First diastolic blood pressure (BP) measurement result.	444 refusal 888 not asked 999 asked but missing	
sys_bp1	First systolic BP measurement result	444 refusal 888 not asked 999 asked but missing	

dia_bp2	Second diastolic BP measurement result.	444 refusal 888 not asked 999 asked but missing	
sys_bp2	Second systolic BP measurement result.	444 refusal 888 not asked 999 asked but missing	
dia_bp3	Third diastolic BP measurement result.	444 refusal 888 not asked 999 asked but missing	
sys_bp3	Third systolic BP measurement result.	444 refusal 888 not asked 999 asked but missing	
highbp_hx	History of hypertension diagnosis by a medical doctor	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
highbp_tx	Receiving medicine from clinic for hypertension at time of interview	0 never 1 past 2 current 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
highbp_famhx	Family history of high blood pressure (mother, father or blood sibling diagnosed and or treated for high blood pressure)	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
pulse1	First pulse result	444 refusal 888 not asked 999 asked but missing	
pulse2	Second pulse result	444 refusal 888 not asked 999 asked but missing	
pulse3	Third pulse result	444 refusal 888 not asked 999 asked but missing	
heartdis_famhx	Family history of heart disease (mother, father or blood sibling diagnosed and or treated for heart disease)	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	

diabetes_hx	History of diabetes mellitus diagnosis by a medical doctor	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
diabetes_tx	Receiving medicine from clinic for diabetes mellitus at the time of interview	0 never 1 past 2 current 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
diabetes_famhx	Family history of diabetes (mother, father or blood sibling diagnosed and or treated for diabetes)	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
epilepsy_hx	History of epilepsy diagnosis by a medical doctor	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
asthma_hx	History of asthma diagnosis by a medical doctor	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
literate	Literate (able to read and write)	0 no (illiterate) 1 yes (literate) 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
educ_level	Level of education completed	0 none 1 1-5 years primary 2 6-8 years primary 3 secondary incomplete 4 secondary complete 5 college/university 33 participant doesn't know 44 refuse to answer 88 not asked 99 asked but missing	
occupation	Main work status	Use the categories needed to describe your data	Please label the variable to indicate period of time covered by variable. I.e. main work status in the past 12 months or past 6 months etc.

ever_tobacco	The individual has ever used tobacco (include cigarettes-manufactured or rolled, pipes, cigars, snuff or chewing tobacco)	0 never 1 past/former 2 current 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	
age_start_tobac	Age started regular tobacco use (include cigarettes, pipes, cigars, snuff or chewing tobacco)	In Stata integer format. 888 not asked 999 asked but missing	If ever_tobacco = 0 (never) then all other tobacco variables will be coded 888 or 8888 (not asked)
yr_start_tobac	Year started regular tobacco use	8888 not asked 9999 asked but missing	If ever_tobacco = 0 (never) then this should be coded 8888 (not asked)
cur_tobac	Currently uses tobacco (include any of manufactured or hand rolled cigarettes, pipes, cigars, snuff or chewing tobacco,).	0 no (past user) 1 yes (current user) 4 refuse to answer 8 not asked 9 asked but missing	If ever_tobacco = 0 (never) then this should be coded 8888 (not asked)
age_stop_tobac	Age the individual stopped using all tobacco products (including manufactured or hand rolled cigarettes, pipes, cigars, snuff or chewing tobacco).	In Stata integer format. 888 not asked 999 asked but missing	If cur_tobac = 1 (current user) this should be 888 (not asked)
yr_stop_tobac	The year the individual stopped using tobacco products	In Stata format. 8888 not asked 9999 asked but missing	If cur_tobac = 1 (current user) this should be 8888 (not asked)
past_cig_num	For past tobacco users, the number of cigarettes (manufactured or rolled) that were smoked per day	In Stata integer format. 0 none previously used 888 not asked 999 asked but missing	If cur_tobac = 1 (current user) this should be 888 (not asked)
past_snuff_num	For past tobacco users, the number of times per day snuff (oral or nasal) was used	In Stata integer format. 0 none previously used 888 not asked 999 asked but missing	If cur_tobac = 1 (current user) this should be 888 (not asked)
past_othsmk_num	For past tobacco users, the number of pipes-full of tobacco or cigars smoked per day	In Stata integer format. 0 none previously used 888 not asked 999 asked but missing	If cur_tobac = 1 (current user) this should be 888 (not asked)

cur_cig_num	For current tobacco users, the number of manufactured or hand rolled cigarettes currently smoked per day	In Stata integer format. 0 none currently used 888 not asked 999 asked but missing	If cur_tobac = 0 (past user) this should be 888 (not asked)
cur_snuff_num	For current tobacco users, the number of times per day nasal snuff or oral snuff (chewing) is currently used	In Stata integer format. 0 none currently used 888 not asked 999 asked but missing	If cur_tobac = 0 (past user) this should be 888 (not asked)
cur_othsmk_num	For current tobacco users, the number of pipes-full of tobacco or cigars currently smoked per day	In Stata integer format. 0 none currently used 888 not asked 999 asked but missing	If cur_tobac = 0 (past user) this should be 888 (not asked)

ever_alcohol	The individual has ever consumed alcohol	0 no 1 yes 3 participant doesn't know 4 refuse to answer 8 not asked 9 asked but missing	If ever_alcohol = 0 (never) then all other alcohol variables should be coded as 8 or 88 (not asked) because not relevant
alcohol_pastyr	How frequently alcohol was consumed in the past 12 months	0 last drink > 12 months ago 1 less than once per month 2 1-3 day per month 3 1-4 days per week 4 5-6 days per week 5 everyday 33 participant doesn't know 44 refused to answer 88 not asked 99 asked but missing	If ever_alcohol = 0 (never) then this should be coded as 88 (not asked) because not relevant
alcohol_number	Number of standard alcoholic drinks in the past 7 days	888 not asked 999 asked but missing	Sum total number of drinks for 7 consecutive days (e.g. Monday to Sunday).

blood_date	Date of blood collection	In Stata date format	
fast_blood	Fasted prior to blood collection	0 not fasted 1 < 8 hours 2 > 8 hours 3 participant doesn't know 4 refused blood collection 8 not asked 9 asked but missing	
totchol_mmol	Total cholesterol blood measurement. To the nearest decimal point	88.8 not asked 99.9 asked but missing	measure in mmol/L. to convert mg/dl: mmol/l = mg/dl / 18
ldl_mmol	Low density lipoprotein measurement. To the nearest decimal point	88.8 not asked 99.9 asked but missing	measure in mmol/L. to convert mg/dl: mmol/l = mg/dl / 18
hdl_mmol	High density lipoprotein measurement. To the nearest decimal point	88.8 not asked 99.9 asked but missing	measure in mmol/L. to convert mg/dl: mmol/l = mg/dl / 18
trigs_mmol	Triglyceride measurement. To the nearest decimal point	88.8 not asked 99.9 asked but missing	measure in mmol/L. to convert mg/dl: mmol/l = mg/dl / 18
phys_activity	Level of physical activity score in metabolic equivalents	0 low 1 moderate 2 high 3 participant doesn't know 4 refused to answer 8 not asked 9 asked but missing	Please convert reported levels of physical activity were converted to excess metabolic equivalents (METs). See WHO guidelines. <sup>1</sup>
bg_date	Blood glucose date	In Stata date format	If BG done on same date as venepuncture (blood_date) then enter the same date.

bg_mmol	Blood glucose	88.8 not asked 99.9 asked but missing	measure in mmol/L. to convert mg/dl: mmol/l = mg/dl / 18
bg_vene	Blood glucose collected via venepuncture or finger prick	1 venepuncture sample 2 finger prick 3 participant doesn't know 4 refused to answer 8 not asked 9 asked but missing	
bg_fast	Blood glucose collected after fasting (no food or drink other than water)	0 not fasted 1 < 8 hours 2 > 8 hours 3 participant doesn't know 4 refused to answer 8 not asked 9 asked but missing	

## WOMEN ONLY

age_menarche	Age started first menstrual period	Age in completed years 333 participant doesn't know 444 refused to answer 888 not asked 999 asked but missing	Numeric integer years
age menopause	Age stopped menstrual period	Age in completed years 333 participant doesn't know 444 refused to answer 888 not asked 999 asked but missing	Numeric integer years

<sup>1</sup> WHO Geneva. Global physical activity questionnaire and analysis guide. <http://www.who.int/chp/steps/GPAQ/en/>