**TB Diagnostic Steps Code book**

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| **Field Name** | **Description** | **Response Options** |
| **PartID** | Participant ID | serial # 1-300 |
| **intdate** | interview date | date |
| **residence** | division of residence in Kampala | 1=Rubaga  2= Nakawa  3=Central  4=Kawempe  5=Makindye  88=Other |
| **resoth** | other residence outside Kampala | Names of places entered |
| **symptoms** | What symptoms of TB do you know?  (Multiple symptoms can be identified) | Multiple response item  1 cough  2 evening fever  3 weight loss  4 excessive sweating  5 coughing blood  6 none  88 Other |
| **symptoth** | Other symptoms | Completed for those whose response was 88 in symptoms |
| **Age** | What is your age? | numeric |
| **Sex** | Sex | Male  female |
| **marital** | What is your marital status? | 1=single/never married  2= married  3= separated/divorce  4= widow |
| **thinktb** | Did you think you had TB? | 1=yes 2=no |
| **work** | Are you employed? | 1=yes 2=no |
| **familytb** | did your family suspect TB | 1=yes 2=no |
| **worktype** | What is your occupation? | Specified by name |
| **knowtb** | did you know how TB is spread? | 1=Yes 2=No |
| **earn** | On average, how much do you earn? | Amount in figures -Uganda shillings |
| **hivstatus1** | HIV status  (not numeric) | 1=positive 2=negative 3=don’t know |
| **tbepisode** | Tb category  (not numeric) | 1=New case  2= Retreatment |
| **hivtreat** | If HIV positive, are you on ART treatment? | 1=Yes  2=No  99= Not applicable |
| **tbdiag** | Date of TB diagnosis | Dd/mm/yyyy |
| **placediag** | Place of TB diagnosis | 1=private clinic  2=private hospital  3=KCCA clinic  4=govt hospital  5= govt health center  88= other |
| **placediagoth** | Other place of diagnosis- list by name | Name of place entered |
| **chronic** | do you have any chronic illnesses | 1=none 2=hypertension 3=diabetes 88= other |
| **chronicoth** | Other chronic diseases from 88 in chronic | Specific names entered |
| **Phone** | Do you own a cell phone? | 1=Yes 2=No |
| **duradays** | duration of cough in days | number |
| **duraweeks** | duration of cough in weeks | number |
| **duramonths** | duration of cough in months | number |
| **Calldoc** | Have you ever used cell phone to call health provider for help or advice? | 1=Yes  2=No  99= Not Applicable |
| **sharephone** | If no personal cellphone, do you share a cell phone | 1=Yes 2=No |
| **advicetime** | For how long did you have these symptoms before you sought health advice from any person? | Unit of time in days, weeks, or months  1 =days  2 =weeks  3 =months  99 = Not Applicable |
| **seekadvice** | For how long did you have these symptoms before you sought health advice from any person? | Duration of time represented by a number  99= Not Applicable |
| **callfamily** | Have you ever used cell phone to call a family member for help or advice | 1=Yes  2=No |
| **provtime** | For how long did you have these symptoms before you sought health advice from any provider or health facility? | Unit of time in days, weeks, or months  1 =days  2 =weeks  3 =months  99 = Not Applicable |
| **seekprov** | For how long did you have these symptoms before you sought health advice from any provider or health facility? | Duration of time represented by a number  99= Not Applicable |
| **Seekhelp** | Did you use cell phone to seek help in any way for current TB episode? | 1=Yes  2=No |
| **callhelp** | Have you ever called anyone on your cell phone for medical help | 1=Yes 2=No |
| **smoke** | Smoking status | 1=current smoker 2=previous smoker  3=never smoker |
| **laststep\_dx** | last step type prior final diagnosis (generated) | 1=herbal heal 2 =drug store 3=gov't hosp 4=private hosp 5=private clinic 6= gov't health center 7=village health worker  8=spouse 9=parent 10=sibling 11= other relative 12=coworker 13=friend 14=child 15=neighbor 88=other |
| **Stepcount** | Steps to diagnosis | calculated |
| **durawks1** | Duration of cough in weeks | Calculated from months |
| **durawks2** | Duration of cough in weeks | Calculated from days |
| **tot\_coughwks** | total duration of cough in weeks | Calculated from sum of durawks1, duraweek, durawks2 |
| **totaltime\_wks** | total time to diagnosis since seeking help | calculated |
| **network1a** | Type of network categorized | Social Network  Health provider |
| **network1b** | Type of network categorized | Social Network  TB care provider  Non-TB care providers |
| **step1 to step14** | Self- reported social or provider contacts | 1=herbal heal 2 =drug store 3=gov't hospital 4=private hospital 5=private clinic  6= gov't health center 7=village health care worker  8=spouse  9=parent  10=sibling  11= other relative 12=coworker  13=friend  14=child  15=neighbor  88=other |
| **step\_time1-14** | time between contacts | Raw number |
| **steptime\_unit1 through Stepunit14** | units for time between contacts | 1=days  2=weeks  3=months |
| **Stepsequen** | step sequence created from social (S) and provider(P) codes | P= codes 1-7  S=8-15 & 88 |
| **S\_TBP** | social and Tb provider step | TB provider codes =3,4,6 |
| **S\_nTBP** | social and non Tb provider step | nonTB provider codes=1,2,7 |
| **SS** | social to social step | social codes 8-15 & 88 |
| **TBP\_TBP** | TB provider to TB provider step | Raw number |
| **nTBP\_nTBP** | Non-TB provider to Non-TB provider | Raw number |
| **TBP\_nTBP** | TB provider to Non-TB provider | Raw number |
| **nTBP\_TBP** | Non-TB provider to TB provider | Raw number |
| **TBP\_S** | TB provider to social contact | Raw number |
| **nTBP\_S** | Non-TB provider to Social contact | Raw number |
| **TB** | TB provider at diagnosis | Raw number |